

WED JAN 19 **LIVE**  
7:00 PM PT/10:00PM ET

**CHRIS PLAIN**  
Science or Comedy?

**F2B**  
with Jimmy Church



1  
00:05:03,710 --> 00:04:40,469

you

2  
00:05:17,830 --> 00:05:14,870

[Music]

3  
00:05:20,710 --> 00:05:17,840

the smoke radio for the masses headline

4  
00:05:22,629 --> 00:05:20,720

additional july 8 1947

5  
00:05:25,110 --> 00:05:22,639

the army air forces has announced that a

6  
00:05:26,790 --> 00:05:25,120

flying disc has been found and is now in

7  
00:05:29,510 --> 00:05:26,800

the possession of the army

8  
00:05:31,510 --> 00:05:29,520

if the game is rigged change the game

9  
00:05:34,310 --> 00:05:31,520

game changer

10  
00:05:36,629 --> 00:05:34,320

i occasionally think how quickly

11  
00:05:39,670 --> 00:05:36,639

our differences worldwide

12  
00:05:44,100 --> 00:05:39,680

would vanish if we were facing an alien

13  
00:05:49,670 --> 00:05:46,870

[Applause]

14

00:05:52,390 --> 00:05:49,680

this is fade to black with your host

15

00:05:55,590 --> 00:05:52,400

jimmy church on the game changer radio

16

00:05:59,270 --> 00:05:55,600

network and kgra the global radio

17

00:06:04,520 --> 00:06:01,430

i need your help to get to the year

18

00:06:10,309 --> 00:06:08,309

[Music]

19

00:06:13,330 --> 00:06:10,319

you're listening to fate to flag with

20

00:06:18,790 --> 00:06:13,340

jimmy church on the game changer network

21

00:06:25,309 --> 00:06:21,360

good evening all right fade to black

22

00:06:28,620 --> 00:06:25,319

[Music]

23

00:06:31,110 --> 00:06:28,630

bespoke radio

24

00:06:32,870 --> 00:06:31,120

[Music]

25

00:06:36,150 --> 00:06:32,880

for the

26

00:06:39,749 --> 00:06:37,430

yeah

27

00:06:40,749 --> 00:06:39,759

how you doing today is wednesday january

28

00:06:42,550 --> 00:06:40,759

19

29

00:06:46,150 --> 00:06:42,560

2022

30

00:06:49,510 --> 00:06:46,160

19 days into the new year only 346 days

31

00:06:53,270 --> 00:06:51,350

we are live from a bunker somewhere in

32

00:06:54,589 --> 00:06:53,280

the middle of nowhere

33

00:06:57,830 --> 00:06:54,599

a total

34

00:07:00,390 --> 00:06:57,840

undisclosed location but it is beautiful

35

00:07:03,510 --> 00:07:01,430

yeah

36

00:07:05,430 --> 00:07:03,520

how you doing i would like to welcome

37

00:07:08,870 --> 00:07:05,440

everybody listening all around the world

38

00:07:11,430 --> 00:07:08,880

all across the united states

39

00:07:13,430 --> 00:07:11,440

hither and tether to and fro back and

40

00:07:16,469 --> 00:07:13,440

forth up and down east and west north

41

00:07:18,950 --> 00:07:16,479

and south far and near

42

00:07:21,110 --> 00:07:18,960

this is fade to black for kjcr the game

43

00:07:22,000 --> 00:07:21,120

changer and on x networks i am your host

44

00:07:23,749 --> 00:07:22,010

jimmy church

45

00:07:28,629 --> 00:07:23,759

[Music]

46

00:07:33,029 --> 00:07:28,639

what is cracking everybody how you doing

47

00:07:35,830 --> 00:07:34,710

tonight we have very special guests

48

00:07:39,270 --> 00:07:35,840

we've had

49

00:07:40,629 --> 00:07:39,280

three first-time guests this week

50

00:07:42,950 --> 00:07:40,639

and tonight

51

00:07:45,589 --> 00:07:42,960

rounding it up

52

00:07:49,510 --> 00:07:45,599

chris plain the head science writer for

53

00:07:52,950 --> 00:07:51,589

as if last night we didn't get our learn

54

00:07:56,629 --> 00:07:52,960

on

55

00:07:59,029 --> 00:07:56,639

pete mccarthy that was a great show

56

00:08:00,629 --> 00:07:59,039

tonight it continues chris plane is here

57

00:08:04,070 --> 00:08:00,639

tomorrow night is another fader night

58

00:08:05,910 --> 00:08:04,080

with open lines all night long

59

00:08:07,029 --> 00:08:05,920

all right uh the

60

00:08:10,950 --> 00:08:07,039

[Music]

61

00:08:13,990 --> 00:08:10,960

uh the tsl top 50 radio rankings talk

62

00:08:16,790 --> 00:08:14,000

show radio rankings

63

00:08:18,390 --> 00:08:16,800

nationally came out today

64

00:08:22,390 --> 00:08:18,400

and uh

65

00:08:24,230 --> 00:08:22,400

rounding out the top of the list

66

00:08:27,430 --> 00:08:24,240

clyde lewis

67

00:08:32,389 --> 00:08:28,950

wow

68

00:08:33,269 --> 00:08:32,399

and uh ahead of uh all of the big names

69

00:08:44,149 --> 00:08:33,279

uh

70

00:08:46,150 --> 00:08:44,159

scroll down the list there's 50 50 talk

71

00:08:47,269 --> 00:08:46,160

show hosts there and

72

00:08:51,430 --> 00:08:47,279

and uh

73

00:08:54,710 --> 00:08:51,440

we came in at number 14

74

00:08:56,790 --> 00:08:54,720

and according to renee

75

00:08:58,310 --> 00:08:56,800

our producer

76

00:09:00,310 --> 00:08:58,320

renee

77

00:09:03,350 --> 00:09:00,320

uh and she's on top of everything man

78

00:09:07,670 --> 00:09:04,949

you gotta get up way early in the

79

00:09:10,230 --> 00:09:07,680

morning to get something past renee but

80

00:09:11,190 --> 00:09:10,240

uh so she calls me and she says you know

81

00:09:15,030 --> 00:09:11,200

um

82

00:09:16,230 --> 00:09:15,040

15.

83

00:09:20,710 --> 00:09:16,240

so

84

00:09:23,829 --> 00:09:20,720

year went from 15 to 14. that's pretty

85

00:09:25,509 --> 00:09:23,839

cool very happy and uh

86

00:09:28,310 --> 00:09:25,519

i was telling renee

87

00:09:30,949 --> 00:09:28,320

the cool thing about that list

88

00:09:32,550 --> 00:09:30,959

is we are the only

89

00:09:35,949 --> 00:09:32,560

show

90

00:09:37,829 --> 00:09:35,959

the only one on that list

91

00:09:40,630 --> 00:09:37,839

without

92

00:09:41,430 --> 00:09:40,640

a huge network or corporate money behind

93

00:09:45,269 --> 00:09:41,440

us

94

00:09:47,910 --> 00:09:45,279

we are truly independent and uh and that

95

00:09:50,790 --> 00:09:47,920

is pretty cool and the only reason we're

96

00:09:53,030 --> 00:09:50,800

on that list in any capacity

97

00:09:57,350 --> 00:09:53,040

is because of you fate or not

98

00:09:58,790 --> 00:09:57,360

and and you guys uh being here with me

99

00:10:01,509 --> 00:09:58,800

every single night

100

00:10:03,110 --> 00:10:01,519

so here's to you thank you fader knots

101  
00:10:06,570 --> 00:10:03,120  
and uh

102  
00:10:08,790 --> 00:10:06,580  
uh and just like i say every time

103  
00:10:11,110 --> 00:10:08,800  
[Laughter]

104  
00:10:13,269 --> 00:10:11,120  
last show sucked

105  
00:10:15,750 --> 00:10:13,279  
tomorrow's show's gonna be better

106  
00:10:17,829 --> 00:10:15,760  
and that's what we do we just improve

107  
00:10:19,350 --> 00:10:17,839  
and you know it's just tighten those

108  
00:10:21,910 --> 00:10:19,360  
screws and

109  
00:10:23,990 --> 00:10:21,920  
and there you go but uh so

110  
00:10:26,310 --> 00:10:24,000  
uh number 14. that's not too shabby

111  
00:10:29,269 --> 00:10:26,320  
thank you fader knots you guys are the

112  
00:10:32,949 --> 00:10:29,279  
absolute very best

113  
00:10:34,150 --> 00:10:32,959

okay uh tonight chris plain is with us

114

00:10:36,550 --> 00:10:34,160

and uh

115

00:10:37,509 --> 00:10:36,560

i'm very excited one of the and i bring

116

00:10:40,230 --> 00:10:37,519

up this

117

00:10:42,389 --> 00:10:40,240

number 14 ranking thing

118

00:10:43,350 --> 00:10:42,399

uh for for one reason and one reason

119

00:10:46,310 --> 00:10:43,360

only

120

00:10:48,470 --> 00:10:46,320

i do this show to learn something and

121

00:10:51,670 --> 00:10:48,480

that's what every guest does they they

122

00:10:55,110 --> 00:10:51,680

come on the show i i learn

123

00:10:57,350 --> 00:10:55,120

you guys get to watch and listen to me

124

00:10:59,910 --> 00:10:57,360

learn live on the air

125

00:11:02,710 --> 00:10:59,920

and that's always been my goal and if i

126

00:11:04,790 --> 00:11:02,720

learn something on the show so do you

127

00:11:07,269 --> 00:11:04,800

and we learn together we go and get

128

00:11:09,269 --> 00:11:07,279

ourselves an edu mccaskin that's what we

129

00:11:11,430 --> 00:11:09,279

do it's uh

130

00:11:13,350 --> 00:11:11,440

you know this is the fade to black

131

00:11:15,269 --> 00:11:13,360

diploma

132

00:11:16,470 --> 00:11:15,279

it's what it is it's the fade to black

133

00:11:18,389 --> 00:11:16,480

diploma

134

00:11:20,949 --> 00:11:18,399

and i should get some of those printed

135

00:11:24,150 --> 00:11:20,959

up fade to black diploma you graduated

136

00:11:28,870 --> 00:11:25,829

signed them babies

137

00:11:31,829 --> 00:11:28,880

because that's what we're doing and

138

00:11:34,470 --> 00:11:31,839

that's uh so my recommendation to

139

00:11:36,150 --> 00:11:34,480

anybody that wants to get smarter right

140

00:11:37,590 --> 00:11:36,160

you want to get your learn on come right

141

00:11:38,870 --> 00:11:37,600

here come right here to fade to black

142

00:11:41,910 --> 00:11:38,880

and we're going to do that tonight with

143

00:11:43,829 --> 00:11:41,920

chris plain very excited about the show

144

00:11:45,829 --> 00:11:43,839

tonight tomorrow night another fader

145

00:11:48,550 --> 00:11:45,839

night with open lines all night long now

146

00:11:51,750 --> 00:11:48,560

also lisa frith

147

00:11:56,470 --> 00:11:51,760

lisa lisa lisa i hope you're listening

148

00:11:57,509 --> 00:11:56,480

right now lisa lisa let me know today

149

00:12:01,910 --> 00:11:57,519

that

150

00:12:03,509 --> 00:12:01,920

she is on her way can i say it lisa on

151  
00:12:07,910 --> 00:12:03,519  
the air

152  
00:12:11,350 --> 00:12:07,920  
okay i'll say this she is on her way

153  
00:12:13,509 --> 00:12:11,360  
to go and pick up

154  
00:12:15,269 --> 00:12:13,519  
her next crystal skull

155  
00:12:16,870 --> 00:12:15,279  
she might have the best collection out

156  
00:12:18,230 --> 00:12:16,880  
of anybody that i know outside of

157  
00:12:21,750 --> 00:12:18,240  
carolyn ford

158  
00:12:23,190 --> 00:12:21,760  
and uh i don't know she might even

159  
00:12:25,350 --> 00:12:23,200  
she might even top that one then she

160  
00:12:27,350 --> 00:12:25,360  
goes to jimmy i can't wait

161  
00:12:29,910 --> 00:12:27,360  
for you to meet and i've i know the name

162  
00:12:31,509 --> 00:12:29,920  
and everything i'm gonna keep that

163  
00:12:33,829 --> 00:12:31,519

keep that private until lisa makes the

164

00:12:35,430 --> 00:12:33,839

announcement but uh that's what she's

165

00:12:37,190 --> 00:12:35,440

doing she's leaving tomorrow i was like

166

00:12:40,949 --> 00:12:37,200

man take me

167

00:12:42,949 --> 00:12:40,959

i want to go on that road trip with lisa

168

00:12:45,350 --> 00:12:42,959

oh man it'd be so cool all right follow

169

00:12:48,790 --> 00:12:45,360

me on twitter at j church radio the

170

00:12:50,710 --> 00:12:48,800

sandbox is hashtag f2b on twitter uh

171

00:12:54,069 --> 00:12:50,720

hello to everybody out there listening

172

00:12:56,150 --> 00:12:54,079

and watching all around the world

173

00:12:57,750 --> 00:12:56,160

got my eye on you

174

00:13:01,110 --> 00:12:57,760

i do

175

00:13:03,430 --> 00:13:01,120

all right where am i at man i am

176  
00:13:05,030 --> 00:13:03,440  
fully engaged in this cup of coffee

177  
00:13:07,509 --> 00:13:05,040  
tonight

178  
00:13:11,430 --> 00:13:07,519  
okay it's kind of cold outside too it

179  
00:13:11,440 --> 00:13:16,230  
got my sweatshirt on

180  
00:13:20,389 --> 00:13:17,509  
adidas

181  
00:13:22,710 --> 00:13:20,399  
running pants like like i jog

182  
00:13:25,350 --> 00:13:22,720  
i look like i jog though i go out in

183  
00:13:28,150 --> 00:13:25,360  
public then i got the adidas gear on i

184  
00:13:29,910 --> 00:13:28,160  
got the shoes i look like i just came

185  
00:13:33,430 --> 00:13:29,920  
back from the gym

186  
00:13:38,629 --> 00:13:35,590  
let's get to the breaking news

187  
00:13:41,430 --> 00:13:38,639  
leading off the news tonight are

188  
00:13:46,949 --> 00:13:41,440

tiger sharks

189

00:13:49,350 --> 00:13:46,959

yes they oh my goodness

190

00:13:50,870 --> 00:13:49,360

no this is in the news right here kaz is

191

00:13:53,990 --> 00:13:50,880

that real

192

00:13:54,870 --> 00:13:54,000

king of the dragon

193

00:14:03,670 --> 00:13:54,880

oh

194

00:14:06,870 --> 00:14:03,680

[Music]

195

00:14:09,189 --> 00:14:06,880

crystal dragon head from caroline ford

196

00:14:11,350 --> 00:14:09,199

and uh

197

00:14:12,470 --> 00:14:11,360

wow that's it i'm just gonna get a

198

00:14:14,230 --> 00:14:12,480

retweet

199

00:14:16,389 --> 00:14:14,240

we're talking about dragon skulls the

200

00:14:19,590 --> 00:14:16,399

other day look at that

201  
00:14:25,509 --> 00:14:22,150  
i want that

202  
00:14:28,389 --> 00:14:25,519  
come on fade or not

203  
00:14:30,790 --> 00:14:28,399  
somebody step up and and and

204  
00:14:32,790 --> 00:14:30,800  
and gift me that

205  
00:14:34,629 --> 00:14:32,800  
that looks oh man

206  
00:14:38,069 --> 00:14:34,639  
that's really really really really

207  
00:14:40,870 --> 00:14:38,079  
really really really nice

208  
00:14:42,550 --> 00:14:40,880  
fade to black diploma right there p.s

209  
00:14:44,870 --> 00:14:42,560  
fader palm springs fader that's what

210  
00:14:47,509 --> 00:14:44,880  
that is you guys figure out who that is

211  
00:14:49,350 --> 00:14:47,519  
all right where am i at oh tiger sharks

212  
00:14:51,509 --> 00:14:49,360  
are in the news tiger sharks are

213  
00:14:54,389 --> 00:14:51,519

starting to move farther up north due to

214

00:14:56,949 --> 00:14:54,399

climate change warming oceans that have

215

00:15:00,470 --> 00:14:56,959

historically been too cold for the apex

216

00:15:02,230 --> 00:15:00,480

predator according to a new study

217

00:15:03,430 --> 00:15:02,240

team of scientists led by the university

218

00:15:05,829 --> 00:15:03,440

of miami

219

00:15:08,150 --> 00:15:05,839

found ocean temperatures have been the

220

00:15:11,590 --> 00:15:08,160

warmest on record over the last decade

221

00:15:12,590 --> 00:15:11,600

allowing tiger sharks to travel an

222

00:15:17,030 --> 00:15:12,600

additional

223

00:15:18,550 --> 00:15:17,040

250 miles northward

224

00:15:22,629 --> 00:15:18,560

that's right because of the warmer

225

00:15:23,750 --> 00:15:22,639

oceans sharks are also migrating 14 days

226

00:15:26,550 --> 00:15:23,760

earlier

227

00:15:29,269 --> 00:15:26,560

to waters along the u.s northeastern

228

00:15:34,470 --> 00:15:32,870

right where they filmed the movie jaws

229

00:15:36,710 --> 00:15:34,480

that's the part i'm not making up i

230

00:15:37,829 --> 00:15:36,720

didn't get to i don't want to name

231

00:15:41,509 --> 00:15:37,839

cities

232

00:15:43,430 --> 00:15:41,519

and ruin their tourism

233

00:15:44,710 --> 00:15:43,440

but yeah

234

00:15:47,110 --> 00:15:44,720

all right

235

00:15:49,110 --> 00:15:47,120

this uh this news broke today it has

236

00:15:51,350 --> 00:15:49,120

been happening all over the place i'm

237

00:15:55,430 --> 00:15:51,360

talking about 5g

238

00:15:57,350 --> 00:15:55,440

and uh i'm 5g i'm 5g

239

00:15:59,030 --> 00:15:57,360

i'm just going to let you know oh i i'm

240

00:16:01,509 --> 00:15:59,040

a wi-fi right now i was going to show

241

00:16:03,350 --> 00:16:01,519

you my little 5g right i'm 5g

242

00:16:05,030 --> 00:16:03,360

well just about everybody's 5gs

243

00:16:06,470 --> 00:16:05,040

especially if you just got a new phone

244

00:16:09,829 --> 00:16:06,480

but

245

00:16:12,470 --> 00:16:09,839

it is in the news airlines from japan

246

00:16:14,389 --> 00:16:12,480

india and the united arab emirates

247

00:16:15,829 --> 00:16:14,399

have suspended flights to airports

248

00:16:18,150 --> 00:16:15,839

across the united states after

249

00:16:19,110 --> 00:16:18,160

expressing concern over the deployment

250

00:16:20,829 --> 00:16:19,120

of

251

00:16:24,550 --> 00:16:20,839

5g

252

00:16:27,189 --> 00:16:24,560

emirates air india japan airlines and

253

00:16:29,030 --> 00:16:27,199

all nippon airways canceled flights to

254

00:16:31,110 --> 00:16:29,040

new york new jersey san francisco los

255

00:16:32,870 --> 00:16:31,120

angeles chicago houston seattle and

256

00:16:35,829 --> 00:16:32,880

other u.s cities

257

00:16:38,230 --> 00:16:35,839

in response to concerns

258

00:16:42,790 --> 00:16:38,240

t and verizon

259

00:16:45,509 --> 00:16:42,800

postponed today's rollout of 5g service

260

00:16:48,629 --> 00:16:45,519

near some airports

261

00:16:50,870 --> 00:16:48,639

but not all of them

262

00:16:52,470 --> 00:16:50,880

all right more breaking news is fade to

263

00:16:55,350 --> 00:16:52,480

black breaking news right here

264

00:16:59,829 --> 00:16:55,360

scientists say homo sapiens

265

00:17:03,509 --> 00:16:59,839

a fossil found in ethiopia in the 1960s

266

00:17:07,270 --> 00:17:03,519

is at least 233 000 years old what makes

267

00:17:08,549 --> 00:17:07,280

it 36 000 years older than the previous

268

00:17:10,710 --> 00:17:08,559

estimate

269

00:17:13,270 --> 00:17:10,720

fossils of the earliest members of our

270

00:17:15,750 --> 00:17:13,280

species homo sapiens

271

00:17:18,630 --> 00:17:15,760

and uh linda molten house as homo sapien

272

00:17:21,429 --> 00:17:18,640

sapiens are exceptionally rare

273

00:17:24,309 --> 00:17:21,439

to date only eight sites in africa have

274

00:17:27,029 --> 00:17:24,319

produced fossils of early anatomically

275

00:17:30,630 --> 00:17:27,039

modern humans the oldest of which

276

00:17:31,669 --> 00:17:30,640

is known as the kibbish omo-1

277

00:17:33,590 --> 00:17:31,679

fossil

278

00:17:35,909 --> 00:17:33,600

it has now been redated by a team of

279

00:17:38,390 --> 00:17:35,919

experts led by clive oppenheimer from

280

00:17:40,870 --> 00:17:38,400

the university of cambridge the new

281

00:17:44,230 --> 00:17:40,880

minimum age of omo 1

282

00:17:47,470 --> 00:17:44,240

is 233 000 years old as opposed to the

283

00:17:51,510 --> 00:17:47,480

previous estimate of

284

00:17:54,150 --> 00:17:51,520

197 000 years old they did all of this

285

00:17:57,830 --> 00:17:54,160

with ground sediment where the

286

00:18:01,110 --> 00:17:57,840

fossil was discovered at that layer

287

00:18:03,669 --> 00:18:01,120

all right tucson based paragon space

288

00:18:05,990 --> 00:18:03,679

development corporation

289

00:18:09,110 --> 00:18:06,000

a long time nasa contractor

290

00:18:11,270 --> 00:18:09,120

announced last friday that it is

291

00:18:13,350 --> 00:18:11,280

designing and building the environmental

292

00:18:16,230 --> 00:18:13,360

control and life support systems for

293

00:18:20,230 --> 00:18:16,240

aerospace giant northrop grumman

294

00:18:22,310 --> 00:18:20,240

for the habitation and logistics outpost

295

00:18:23,669 --> 00:18:22,320

otherwise known as

296

00:18:25,990 --> 00:18:23,679

halo

297

00:18:29,190 --> 00:18:26,000

the crew module of nasa's gateway

298

00:18:30,470 --> 00:18:29,200

project to set up a space station

299

00:18:32,150 --> 00:18:30,480

in orbit

300

00:18:35,150 --> 00:18:32,160

around the moon

301  
00:18:39,590 --> 00:18:35,160  
as soon as

302  
00:18:42,150 --> 00:18:39,600  
2023 that is next year

303  
00:18:45,350 --> 00:18:42,160  
based on northrop's cygnus pressurized

304  
00:18:47,590 --> 00:18:45,360  
cargo spacecraft halo will serve as the

305  
00:18:51,510 --> 00:18:47,600  
living quarters for astronauts traveling

306  
00:18:52,549 --> 00:18:51,520  
to and from the moon and perhaps in the

307  
00:18:54,310 --> 00:18:52,559  
future

308  
00:18:56,549 --> 00:18:54,320  
to deep space

309  
00:18:58,150 --> 00:18:56,559  
and mars

310  
00:19:00,789 --> 00:18:58,160  
that's right

311  
00:19:03,510 --> 00:19:00,799  
it's going down remember artemis we're

312  
00:19:06,310 --> 00:19:03,520  
talking about we're talking about

313  
00:19:09,909 --> 00:19:06,320

the u.s moon mission in 2024

314

00:19:11,750 --> 00:19:09,919

it's 2022. so they need to get this in

315

00:19:13,270 --> 00:19:11,760

orbit around the moon

316

00:19:15,750 --> 00:19:13,280

next year

317

00:19:17,830 --> 00:19:15,760

this is crazy times

318

00:19:20,310 --> 00:19:17,840

let's get the show cracking happy

319

00:19:22,070 --> 00:19:20,320

birthday to today

320

00:19:27,510 --> 00:19:22,080

katie seagal

321

00:19:31,110 --> 00:19:27,520

played peggy bundy

322

00:19:32,150 --> 00:19:31,120

unmarried with children america's the

323

00:19:35,669 --> 00:19:32,160

band

324

00:19:37,029 --> 00:19:35,679

dewey bennell today is 70.

325

00:19:38,870 --> 00:19:37,039

dewey

326

00:19:41,029 --> 00:19:38,880

wrote three of the greatest songs in the

327

00:19:42,950 --> 00:19:41,039

history of music well he wrote a lot

328

00:19:44,390 --> 00:19:42,960

more than that but he did write three of

329

00:19:47,830 --> 00:19:44,400

the greatest songs in the history of

330

00:19:50,230 --> 00:19:47,840

music he wrote horse with no name

331

00:19:51,590 --> 00:19:50,240

he wrote ventura highway

332

00:19:53,510 --> 00:19:51,600

and he wrote

333

00:19:56,710 --> 00:19:53,520

tin man

334

00:19:59,270 --> 00:19:56,720

that's right military brat

335

00:20:02,549 --> 00:19:59,280

him and his him and his buddies

336

00:20:04,870 --> 00:20:02,559

they all uh were over in europe

337

00:20:05,980 --> 00:20:04,880

us military base air force

338

00:20:07,750 --> 00:20:05,990

and uh

339

00:20:10,310 --> 00:20:07,760

[Music]

340

00:20:11,430 --> 00:20:10,320

i i think it was like a dod school

341

00:20:15,270 --> 00:20:11,440

he met

342

00:20:16,230 --> 00:20:15,280

his two future band mates in america

343

00:20:18,149 --> 00:20:16,240

uh

344

00:20:20,549 --> 00:20:18,159

in high school

345

00:20:22,549 --> 00:20:20,559

and they got it done didn't they one of

346

00:20:25,270 --> 00:20:22,559

the greatest bands in history

347

00:20:27,750 --> 00:20:25,280

and all military brats uh from high

348

00:20:29,590 --> 00:20:27,760

school overseas that's why they named

349

00:20:31,510 --> 00:20:29,600

their band

350

00:20:34,310 --> 00:20:31,520

america

351  
00:20:36,070 --> 00:20:34,320  
our dead guy's birthday today is moment

352  
00:20:38,029 --> 00:20:36,080  
of silence please

353  
00:20:42,630 --> 00:20:38,039  
robert palmer

354  
00:20:44,789 --> 00:20:42,640  
1949 to 2003 died at the age of 54.

355  
00:20:48,390 --> 00:20:44,799  
robert of course

356  
00:20:51,590 --> 00:20:48,400  
found huge international success

357  
00:20:53,669 --> 00:20:51,600  
with his band the power station

358  
00:20:56,070 --> 00:20:53,679  
three of his hit singles i didn't mean

359  
00:20:58,710 --> 00:20:56,080  
to turn you on addicted to love and

360  
00:21:00,950 --> 00:20:58,720  
simply irresistible were accompanied by

361  
00:21:03,029 --> 00:21:00,960  
those videos remember the

362  
00:21:04,630 --> 00:21:03,039  
with the matching models

363  
00:21:07,029 --> 00:21:04,640

in the black dresses

364

00:21:09,750 --> 00:21:07,039

doing that dance

365

00:21:11,590 --> 00:21:09,760

directed by terence donovan you remember

366

00:21:14,549 --> 00:21:11,600

those videos they were the best

367

00:21:16,390 --> 00:21:14,559

robert died from a sudden heart attack

368

00:21:20,950 --> 00:21:16,400

in a paris hotel room

369

00:21:23,669 --> 00:21:20,960

on september 26th 2020 2003

370

00:21:25,590 --> 00:21:23,679

at the age of 54.

371

00:21:27,830 --> 00:21:25,600

happy birthday robert palmer when i was

372

00:21:31,510 --> 00:21:27,840

a kid oh man i got so much to talk about

373

00:21:32,710 --> 00:21:31,520

okay when i was a kid i went to the mtv

374

00:21:35,510 --> 00:21:32,720

awards

375

00:21:36,549 --> 00:21:35,520

universal studios 1985

376

00:21:39,029 --> 00:21:36,559

and

377

00:21:41,430 --> 00:21:39,039

i s robert palmer

378

00:21:42,870 --> 00:21:41,440

opened that show man i was like in the

379

00:21:44,630 --> 00:21:42,880

second row

380

00:21:47,190 --> 00:21:44,640

center stage it was incredible on this

381

00:21:49,750 --> 00:21:47,200

day in history 2004

382

00:21:52,070 --> 00:21:49,760

remember howard dean

383

00:21:55,990 --> 00:21:52,080

of course you don't but on this day in

384

00:21:57,590 --> 00:21:56,000

2004 was the moment of the howard dean

385

00:22:00,070 --> 00:21:57,600

scream

386

00:22:03,350 --> 00:22:00,080

he was at an energetic rally on the

387

00:22:06,149 --> 00:22:03,360

evening of january 19 2004

388

00:22:08,230 --> 00:22:06,159

when howard dean democratic presidential

389

00:22:09,830 --> 00:22:08,240

hopeful candidate

390

00:22:11,909 --> 00:22:09,840

emits a noise

391

00:22:13,990 --> 00:22:11,919

that ended his career

392

00:22:15,750 --> 00:22:14,000

in politics

393

00:22:18,710 --> 00:22:15,760

i would do it now

394

00:22:21,190 --> 00:22:18,720

we all did it then but i'm not fader

395

00:22:23,750 --> 00:22:21,200

fact nazi rocket scientist

396

00:22:26,789 --> 00:22:23,760

werner von braun wrote a sci-fi book in

397

00:22:27,750 --> 00:22:26,799

1949 called project mars a technical

398

00:22:31,270 --> 00:22:27,760

tale

399

00:22:33,430 --> 00:22:31,280

it takes place in the 1980s and it's

400

00:22:36,230 --> 00:22:33,440

about the first human mission to mars

401  
00:22:39,110 --> 00:22:36,240  
and their encounter with martians

402  
00:22:42,390 --> 00:22:39,120  
including the martian leader

403  
00:22:44,470 --> 00:22:42,400  
named wait for it

404  
00:22:46,070 --> 00:22:44,480  
elon

405  
00:22:47,909 --> 00:22:46,080  
and that

406  
00:22:50,230 --> 00:22:47,919  
is your fader fact

407  
00:22:52,230 --> 00:22:50,240  
tonight chris palin is with us we are

408  
00:22:54,390 --> 00:22:52,240  
going to get our knowledge learn on

409  
00:22:56,710 --> 00:22:54,400  
tonight because he's the head science

410  
00:22:58,710 --> 00:22:56,720  
writer for the debrief tomorrow night

411  
00:23:01,270 --> 00:22:58,720  
it's another fader night with open lines

412  
00:23:03,350 --> 00:23:01,280  
all night long dedicated to

413  
00:23:05,430 --> 00:23:03,360

mr clifford mahouty

414

00:23:13,029 --> 00:23:05,440

all right let me hit this river moon

415

00:23:22,630 --> 00:23:15,990

fade to black blend

416

00:23:28,710 --> 00:23:24,310

oh

417

00:23:31,190 --> 00:23:28,720

girls

418

00:23:33,350 --> 00:23:31,200

that's awesome cass got got robert

419

00:23:35,430 --> 00:23:33,360

palmer's women

420

00:23:37,990 --> 00:23:35,440

all right

421

00:23:41,029 --> 00:23:38,000

my adidas okay

422

00:23:43,669 --> 00:23:41,039

the human brain

423

00:23:45,750 --> 00:23:43,679

probably the greatest creation in the

424

00:23:47,909 --> 00:23:45,760

entire universe

425

00:23:50,390 --> 00:23:47,919

and it's ours

426  
00:23:55,029 --> 00:23:50,400  
we own it

427  
00:24:00,470 --> 00:23:57,190  
it gave me

428  
00:24:03,350 --> 00:24:00,480  
the brain my brain gave me the strangest

429  
00:24:05,110 --> 00:24:03,360  
vision last night in the dark

430  
00:24:06,950 --> 00:24:05,120  
today i actually remember the whole

431  
00:24:11,590 --> 00:24:06,960  
thing so right now i'd like to share it

432  
00:24:16,149 --> 00:24:14,149  
what would happen if a scientist took my

433  
00:24:18,789 --> 00:24:16,159  
brain

434  
00:24:21,510 --> 00:24:18,799  
one cell at a time

435  
00:24:22,870 --> 00:24:21,520  
and took it apart

436  
00:24:24,870 --> 00:24:22,880  
removing

437  
00:24:26,390 --> 00:24:24,880  
a neuron

438  
00:24:29,750 --> 00:24:26,400

from my

439

00:24:33,029 --> 00:24:29,760

brain and placing it in a dish

440

00:24:37,029 --> 00:24:33,039

and reassembled my brain

441

00:24:41,510 --> 00:24:38,630

first

442

00:24:43,990 --> 00:24:41,520

like all brain salad surgery this entire

443

00:24:45,510 --> 00:24:44,000

process would have to take place while

444

00:24:48,070 --> 00:24:45,520

i'm awake

445

00:24:51,350 --> 00:24:48,080

so as this happens

446

00:24:55,750 --> 00:24:53,350

now of course my current brain during

447

00:24:57,510 --> 00:24:55,760

this process is still in my skull it's

448

00:25:00,630 --> 00:24:57,520

exposed

449

00:25:03,590 --> 00:25:00,640

and the dish on the table next to me

450

00:25:05,510 --> 00:25:03,600

would have to be wired back into my

451  
00:25:08,070 --> 00:25:05,520  
nervous system

452  
00:25:09,909 --> 00:25:08,080  
and i would experience everything in

453  
00:25:13,110 --> 00:25:09,919  
real time

454  
00:25:16,230 --> 00:25:14,870  
would i get

455  
00:25:18,149 --> 00:25:16,240  
confused

456  
00:25:21,190 --> 00:25:18,159  
slowly

457  
00:25:24,950 --> 00:25:21,200  
what would happen to my vision

458  
00:25:27,669 --> 00:25:24,960  
all of my senses my emotions

459  
00:25:31,029 --> 00:25:27,679  
my memories

460  
00:25:35,190 --> 00:25:31,039  
would everything just slowly fade away

461  
00:25:37,510 --> 00:25:35,200  
would my memory transfer and be restored

462  
00:25:39,110 --> 00:25:37,520  
in the new brain

463  
00:25:42,870 --> 00:25:39,120

now seriously think about what i'm

464

00:25:44,390 --> 00:25:42,880

saying here really take it all in

465

00:25:46,070 --> 00:25:44,400

because we have to say what about my

466

00:25:48,230 --> 00:25:46,080

consciousness

467

00:25:50,789 --> 00:25:48,240

my soul

468

00:25:53,430 --> 00:25:50,799

does it change

469

00:25:58,470 --> 00:25:53,440

does it stay the same over the time

470

00:25:59,990 --> 00:25:58,480

needed to move 86 billion neurons

471

00:26:02,230 --> 00:26:00,000

from one place

472

00:26:04,630 --> 00:26:02,240

to another

473

00:26:07,269 --> 00:26:04,640

will my consciousness be revealed to be

474

00:26:11,430 --> 00:26:07,279

a part of cells and matter and not

475

00:26:14,070 --> 00:26:11,440

something that just travels the universe

476

00:26:17,110 --> 00:26:14,080

of course we we know

477

00:26:20,070 --> 00:26:17,120

that many if not most of the science

478

00:26:21,430 --> 00:26:20,080

community insists that consciousness is

479

00:26:22,630 --> 00:26:21,440

just a part

480

00:26:25,190 --> 00:26:22,640

and product

481

00:26:26,789 --> 00:26:25,200

of particles of electricity and

482

00:26:28,870 --> 00:26:26,799

chemistry

483

00:26:30,070 --> 00:26:28,880

that there is nothing special or cosmic

484

00:26:32,390 --> 00:26:30,080

about it

485

00:26:34,950 --> 00:26:32,400

this is an idea that i don't subscribe

486

00:26:37,750 --> 00:26:34,960

to and i don't think that anybody knows

487

00:26:40,870 --> 00:26:37,760

what's really going on here now

488

00:26:43,430 --> 00:26:40,880

which takes me to the next chapter

489

00:26:45,590 --> 00:26:43,440

of my vision from last night

490

00:26:48,310 --> 00:26:45,600

which is this

491

00:26:53,190 --> 00:26:48,320

after the last neuron

492

00:26:57,350 --> 00:26:53,200

is placed in my new brain transfer

493

00:26:59,430 --> 00:26:57,360

will i be the same me as before

494

00:27:00,710 --> 00:26:59,440

i mean everything is in place

495

00:27:04,870 --> 00:27:00,720

right

496

00:27:07,430 --> 00:27:04,880

dreams

497

00:27:10,070 --> 00:27:07,440

everything that i've learned can i still

498

00:27:12,870 --> 00:27:10,080

play guitar or drive a car

499

00:27:15,190 --> 00:27:12,880

you know the foods that i enjoy all of

500

00:27:18,149 --> 00:27:15,200

my life's memories

501  
00:27:19,350 --> 00:27:18,159  
all that makes or made

502  
00:27:29,590 --> 00:27:19,360  
me

503  
00:27:31,750 --> 00:27:29,600  
will it just be one big do-over

504  
00:27:33,990 --> 00:27:31,760  
now if science is right

505  
00:27:35,269 --> 00:27:34,000  
and consciousness is just chemistry and

506  
00:27:37,269 --> 00:27:35,279  
particles

507  
00:27:40,470 --> 00:27:37,279  
with the disassembly

508  
00:27:41,430 --> 00:27:40,480  
and exact precise reconstruction of my

509  
00:27:44,230 --> 00:27:41,440  
brain

510  
00:27:45,110 --> 00:27:44,240  
create the same magical combination of

511  
00:27:46,870 --> 00:27:45,120  
matter

512  
00:27:50,149 --> 00:27:46,880  
to make me

513  
00:27:55,110 --> 00:27:52,070

would at some point

514

00:27:56,710 --> 00:27:55,120

like during the 50-50 split of the

515

00:27:58,549 --> 00:27:56,720

transfer right we're right at the

516

00:28:03,510 --> 00:27:58,559

halfway point

517

00:28:05,430 --> 00:28:03,520

would there be two of me thinking right

518

00:28:06,630 --> 00:28:05,440

two of me being really really confused

519

00:28:10,230 --> 00:28:06,640

because right now i only got half a

520

00:28:11,990 --> 00:28:10,240

brain right so it's only half of me

521

00:28:14,710 --> 00:28:12,000

one on each side

522

00:28:16,950 --> 00:28:14,720

equally dumb

523

00:28:20,070 --> 00:28:16,960

with partial memories

524

00:28:23,430 --> 00:28:20,080

or would both brains combine

525

00:28:25,110 --> 00:28:23,440

to make one complete system

526  
00:28:29,190 --> 00:28:25,120  
that would stay balanced through the

527  
00:28:31,669 --> 00:28:29,200  
entire process of the transfer

528  
00:28:34,070 --> 00:28:31,679  
or even the crazier side of all of this

529  
00:28:36,549 --> 00:28:34,080  
what if my new brain wasn't wired into

530  
00:28:40,149 --> 00:28:36,559  
my nervous system from the start

531  
00:28:41,750 --> 00:28:40,159  
and that the entire process was done

532  
00:28:45,269 --> 00:28:41,760  
when completed

533  
00:28:47,750 --> 00:28:45,279  
my new brain is then placed back into my

534  
00:28:50,630 --> 00:28:47,760  
skull all of the nerves are connected

535  
00:28:52,389 --> 00:28:50,640  
and i open my eyes and i look around you

536  
00:28:56,830 --> 00:28:52,399  
know what i mean

537  
00:29:02,789 --> 00:28:59,750  
seriously yes stuff like this is where

538  
00:29:04,870 --> 00:29:02,799

my mind goes in the dark

539

00:29:08,310 --> 00:29:04,880

as i lie there

540

00:29:10,710 --> 00:29:08,320

waiting for sleepy time

541

00:29:14,389 --> 00:29:10,720

and as crazy as

542

00:29:15,830 --> 00:29:14,399

all of this may be as impossible as this

543

00:29:18,149 --> 00:29:15,840

sounds

544

00:29:20,149 --> 00:29:18,159

we are probably closer than we think to

545

00:29:21,990 --> 00:29:20,159

having the technical ability to pull

546

00:29:25,430 --> 00:29:22,000

this off

547

00:29:30,630 --> 00:29:27,669

when that happens

548

00:29:33,990 --> 00:29:30,640

many of the questions we have about us

549

00:29:36,549 --> 00:29:34,000

our soul our consciousness

550

00:29:39,350 --> 00:29:36,559

will be answered

551  
00:29:41,510 --> 00:29:39,360  
it's a very interesting now

552  
00:29:42,870 --> 00:29:41,520  
um

553  
00:29:44,310 --> 00:29:42,880  
i'm going to share something private

554  
00:29:45,830 --> 00:29:44,320  
with you

555  
00:29:49,190 --> 00:29:45,840  
last night

556  
00:29:51,830 --> 00:29:49,200  
when all of this came to me it came out

557  
00:29:53,830 --> 00:29:51,840  
of nowhere

558  
00:29:56,470 --> 00:29:53,840  
didn't come from something that i just

559  
00:29:59,190 --> 00:29:56,480  
watched something that i just read

560  
00:30:01,110 --> 00:29:59,200  
didn't come from the show

561  
00:30:04,710 --> 00:30:01,120  
it just came out of nowhere

562  
00:30:06,630 --> 00:30:04,720  
and i couldn't stop the thoughts i

563  
00:30:09,430 --> 00:30:06,640

couldn't stop the vision

564

00:30:13,510 --> 00:30:09,440

and i just kept my eyes shut

565

00:30:16,710 --> 00:30:13,520

and i let this whole thing play out

566

00:30:19,830 --> 00:30:16,720

and i had a very strange uh

567

00:30:23,110 --> 00:30:19,840

uh little sidebar to all of this

568

00:30:24,630 --> 00:30:23,120

remember when hal the howl 9000 in 2001

569

00:30:26,870 --> 00:30:24,640

a space odyssey

570

00:30:27,990 --> 00:30:26,880

and uh dave bowman is pulling out the

571

00:30:31,669 --> 00:30:28,000

memory

572

00:30:32,950 --> 00:30:31,679

cards right and and hal is starting to

573

00:30:34,230 --> 00:30:32,960

lose it

574

00:30:36,630 --> 00:30:34,240

and uh

575

00:30:39,669 --> 00:30:36,640

and slurring his speech

576  
00:30:40,870 --> 00:30:39,679  
and saying things i had a little sidebar

577  
00:30:48,549 --> 00:30:40,880  
like that

578  
00:30:50,710 --> 00:30:48,559  
that i would experience dumbness

579  
00:30:52,470 --> 00:30:50,720  
with half memories

580  
00:30:55,430 --> 00:30:52,480  
half intelligence

581  
00:30:56,950 --> 00:30:55,440  
and trying to question

582  
00:30:58,630 --> 00:30:56,960  
intellectually

583  
00:31:01,350 --> 00:30:58,640  
what is going on

584  
00:31:03,990 --> 00:31:01,360  
and why can't i function

585  
00:31:06,230 --> 00:31:04,000  
why can't i smell

586  
00:31:08,789 --> 00:31:06,240  
all of these things were and and i

587  
00:31:09,750 --> 00:31:08,799  
couldn't stop it so i thought to myself

588  
00:31:13,029 --> 00:31:09,760

last night

589

00:31:16,230 --> 00:31:13,039

and it it it was an ongoing thing i said

590

00:31:19,909 --> 00:31:16,240

i've got to write this down

591

00:31:21,029 --> 00:31:19,919

this is a crazy it's almost a movie

592

00:31:22,789 --> 00:31:21,039

right

593

00:31:24,549 --> 00:31:22,799

maybe it's already been done

594

00:31:26,870 --> 00:31:24,559

this is fade to black i am your host

595

00:31:29,110 --> 00:31:26,880

jimmy church tonight with us

596

00:31:30,789 --> 00:31:29,120

chris plane the head science writer over

597

00:31:32,870 --> 00:31:30,799

at the debrief is joining us for the

598

00:31:35,750 --> 00:31:32,880

first time

599

00:31:39,110 --> 00:31:35,760

i have been reading his stuff i have

600

00:31:40,789 --> 00:31:39,120

been stealing his stuff

601  
00:31:42,630 --> 00:31:40,799  
he makes me look good

602  
00:31:44,630 --> 00:31:42,640  
that's right

603  
00:31:46,710 --> 00:31:44,640  
he's also a comedian

604  
00:31:48,149 --> 00:31:46,720  
we might talk about that too

605  
00:31:49,990 --> 00:31:48,159  
this is fade to black i'm your host

606  
00:31:52,230 --> 00:31:50,000  
jimmy church on the game changer and on

607  
00:31:53,830 --> 00:31:52,240  
x networks

608  
00:31:55,669 --> 00:31:53,840  
i'll be right back after this short

609  
00:31:58,830 --> 00:31:55,679  
break with our guest chris plane stay

610  
00:32:22,070 --> 00:31:58,840  
with me i'll be right back

611  
00:32:24,230 --> 00:32:22,080  
[Music]

612  
00:32:26,470 --> 00:32:24,240  
this is nicole church daughter of you

613  
00:32:27,470 --> 00:32:26,480

know who and you're listening to fade to

614

00:32:29,110 --> 00:32:27,480

black on

615

00:32:31,990 --> 00:32:29,120

jimmychurchradio.com and the game

616

00:32:35,669 --> 00:32:34,149

you're listening to jimmy church and

617

00:32:45,190 --> 00:32:35,679

fade to black

618

00:32:51,590 --> 00:32:47,509

you're listening to jimmy church fade to

619

00:32:56,149 --> 00:32:53,830

fate to black will now pause for alien

620

00:32:59,110 --> 00:32:56,159

identification

621

00:33:03,269 --> 00:33:01,350

introducing the game changer blend from

622

00:33:05,830 --> 00:33:03,279

river moon coffee that delivers a

623

00:33:08,870 --> 00:33:05,840

customized blend made specifically for

624

00:33:11,830 --> 00:33:08,880

the fader knots if the game is rigged

625

00:33:14,710 --> 00:33:11,840

change the game it's a boulder cup with

626  
00:33:16,870 --> 00:33:14,720  
some bite game changer is the coffee of

627  
00:33:19,269 --> 00:33:16,880  
choice for those that prefer an organic

628  
00:33:22,870 --> 00:33:19,279  
dark roast that is slightly lighter and

629  
00:33:25,110 --> 00:33:22,880  
milder but it's still dark with wild

630  
00:33:27,750 --> 00:33:25,120  
notes of pecans and chocolate with a

631  
00:33:30,070 --> 00:33:27,760  
rich balanced full-bodied cup that is

632  
00:33:32,710 --> 00:33:30,080  
roasted to perfection for a great coffee

633  
00:33:35,990 --> 00:33:32,720  
to start your day as an after dinner

634  
00:33:38,870 --> 00:33:36,000  
coffee or anywhere in between artisan

635  
00:33:41,430 --> 00:33:38,880  
small batch roasted to perfection usda

636  
00:33:43,750 --> 00:33:41,440  
certified organic all river moon coffee

637  
00:33:46,630 --> 00:33:43,760  
is freshly roasted and packaged in the

638  
00:33:48,789 --> 00:33:46,640

usa just go to [rivermooncoffee.com](http://rivermooncoffee.com) or

639

00:33:52,630 --> 00:33:48,799

click on the banners over on our site

640

00:33:54,789 --> 00:33:52,640

and use the promo code f2b blend for 15

641

00:33:57,909 --> 00:33:54,799

off of your order today

642

00:34:03,350 --> 00:34:00,630

this is the only way forward

643

00:34:04,830 --> 00:34:03,360

this is aid to black

644

00:34:07,110 --> 00:34:04,840

make

645

00:34:09,430 --> 00:34:07,120

contact this is jimmy church of fade to

646

00:34:12,149 --> 00:34:09,440

black and you can get our podcast for

647

00:34:14,550 --> 00:34:12,159

just two dollars per month all you have

648

00:34:17,829 --> 00:34:14,560

to do is click on the podcast banner

649

00:34:20,470 --> 00:34:17,839

over at [jimmychurchradio.com](http://jimmychurchradio.com)

650

00:34:23,109 --> 00:34:20,480

hi folks it's trembling times and fear

651  
00:34:24,869 --> 00:34:23,119  
is pushing emotions which in turn pushes

652  
00:34:27,030 --> 00:34:24,879  
health the wrong direction do you ever

653  
00:34:29,430 --> 00:34:27,040  
get an ache because life is uneasy try

654  
00:34:31,349 --> 00:34:29,440  
life change tea get the tea.com life

655  
00:34:33,430 --> 00:34:31,359  
change tea works on your digestive tract

656  
00:34:35,990 --> 00:34:33,440  
helping to move food through quicker and

657  
00:34:37,750 --> 00:34:36,000  
comfortably so your health is spot on

658  
00:34:39,829 --> 00:34:37,760  
life change team may not help with world

659  
00:34:42,389 --> 00:34:39,839  
issues but it will help with your

660  
00:34:44,869 --> 00:34:42,399  
digestive issues a glass a day helps

661  
00:34:47,230 --> 00:34:44,879  
keep the intruders away so

662  
00:34:50,470 --> 00:34:47,240  
change your life today log on to

663  
00:34:52,950 --> 00:34:50,480

getthet.com that's get the tea dot com

664

00:34:55,909 --> 00:34:52,960

if your health game is off get on by

665

00:34:57,750 --> 00:34:55,919

ordering life change tea get the tea.com

666

00:35:00,390 --> 00:34:57,760

and while you're on our site look around

667

00:35:02,310 --> 00:35:00,400

at the great non-gmo organic supplements

668

00:35:05,030 --> 00:35:02,320

and if you're a sales shopper go to our

669

00:35:06,790 --> 00:35:05,040

specials page and see what's for you

670

00:35:08,310 --> 00:35:06,800

i've been drinking the tea for 12 years

671

00:35:11,510 --> 00:35:08,320

and i'm sure glad for its health

672

00:35:12,870 --> 00:35:11,520

benefits again that's get the tea.com

673

00:35:14,150 --> 00:35:12,880

get the tea

674

00:35:17,270 --> 00:35:14,160

dot com

675

00:35:18,510 --> 00:35:17,280

the tea that makes you go

676  
00:35:21,990 --> 00:35:18,520  
the new

677  
00:35:24,310 --> 00:35:22,000  
kunxdb the unnext network bringing you

678  
00:35:27,109 --> 00:35:24,320  
the best in paranormal programming in

679  
00:35:29,750 --> 00:35:27,119  
premium high definition streaming audio

680  
00:35:31,430 --> 00:35:29,760  
and video log on to the network at

681  
00:35:33,430 --> 00:35:31,440  
nextnetwork.com

682  
00:35:36,150 --> 00:35:33,440  
and check out the growing lineup of

683  
00:35:39,030 --> 00:35:36,160  
programs including jimmy church whitley

684  
00:35:41,670 --> 00:35:39,040  
strieber micah hanks and many more sign

685  
00:35:44,310 --> 00:35:41,680  
up for the free onex newsletter follow

686  
00:35:46,950 --> 00:35:44,320  
the unex blog or pick up the latest

687  
00:35:48,790 --> 00:35:46,960  
edition of the unex magazine

688  
00:35:51,230 --> 00:35:48,800

be sure to follow us on facebook and

689

00:35:53,910 --> 00:35:51,240

twitter so check us out at

690

00:35:56,470 --> 00:35:53,920

nxnetwork.com tap the show page and the

691

00:35:59,190 --> 00:35:56,480

calendar so you never miss your favorite

692

00:36:02,790 --> 00:35:59,200

live shows and podcasts we are your

693

00:36:06,950 --> 00:36:02,800

portal for all things paranormal the x

694

00:36:06,960 --> 00:36:11,990

nine out of ten geneticists agree

695

00:36:18,390 --> 00:36:14,390

fade to black

696

00:36:22,550 --> 00:36:18,400

is not your father's radio show

697

00:36:24,630 --> 00:36:22,560

on the game changer radio network

698

00:36:29,190 --> 00:36:24,640

hi this is rob reiner from anvil and

699

00:36:48,720 --> 00:36:31,790

what's up i'm chris what up this is kyle

700

00:36:51,990 --> 00:36:50,630

[Music]

701  
00:36:53,670 --> 00:36:52,000  
all right welcome back fade to black

702  
00:36:55,990 --> 00:36:53,680  
heavy host jimmy church tonight chris

703  
00:36:58,230 --> 00:36:56,000  
plain is here head science writer over

704  
00:36:59,990 --> 00:36:58,240  
at the debrief tomorrow night

705  
00:37:02,470 --> 00:37:00,000  
it's vader night open lines all night

706  
00:37:04,630 --> 00:37:02,480  
long tonight i'm gonna get my learn on

707  
00:37:06,230 --> 00:37:04,640  
along with the rest of you

708  
00:37:09,190 --> 00:37:06,240  
we're gonna take a deep dive into all

709  
00:37:10,550 --> 00:37:09,200  
things science tonight ufos uaps defense

710  
00:37:12,550 --> 00:37:10,560  
our agencies

711  
00:37:15,109 --> 00:37:12,560  
what's going on out there and how it may

712  
00:37:17,430 --> 00:37:15,119  
apply in my opinion to disclosure in

713  
00:37:21,349 --> 00:37:17,440

2022.

714

00:37:23,510 --> 00:37:21,359

chris is a self-described science nerd

715

00:37:25,910 --> 00:37:23,520

he began his writing career in 1991 as a

716

00:37:27,910 --> 00:37:25,920

member of the ucla comedy club that's a

717

00:37:29,510 --> 00:37:27,920

good place to start

718

00:37:31,109 --> 00:37:29,520

over the next three decades he has

719

00:37:32,950 --> 00:37:31,119

written for the stage screen tv and

720

00:37:35,990 --> 00:37:32,960

radio covering topics as varied as

721

00:37:37,190 --> 00:37:36,000

commercial space travel ufos los angeles

722

00:37:38,950 --> 00:37:37,200

lakers

723

00:37:40,069 --> 00:37:38,960

cedric ceballos you remember cedric

724

00:37:42,550 --> 00:37:40,079

zabalos

725

00:37:44,310 --> 00:37:42,560

okay he he's nodding yes i got a cedric

726

00:37:46,790 --> 00:37:44,320

zamalo's story

727

00:37:49,670 --> 00:37:46,800

i'll share that with you in 2015 he

728

00:37:51,910 --> 00:37:49,680

released his debut novel whispers of

729

00:37:54,390 --> 00:37:51,920

fate the first in the planned seven

730

00:37:55,270 --> 00:37:54,400

volume epic fantasy saga

731

00:37:57,990 --> 00:37:55,280

uh

732

00:38:00,710 --> 00:37:58,000

the heirloom oris with the second and

733

00:38:03,270 --> 00:38:00,720

third books released in 2016 2018

734

00:38:05,430 --> 00:38:03,280

respectively his latest novel a science

735

00:38:07,910 --> 00:38:05,440

fiction adventure called titan is

736

00:38:10,310 --> 00:38:07,920

scheduled for release in the fall of

737

00:38:12,550 --> 00:38:10,320

2021

738

00:38:15,910 --> 00:38:12,560

the fall of 2000

739

00:38:17,990 --> 00:38:15,920

oh 22 chris says

740

00:38:20,069 --> 00:38:18,000

dyslexia is a terrible disease man we

741

00:38:22,550 --> 00:38:20,079

need your money to buy hats so i want

742

00:38:25,109 --> 00:38:22,560

everybody to please donate to the chris

743

00:38:27,589 --> 00:38:25,119

uh chris christopher playing fund he

744

00:38:29,910 --> 00:38:27,599

also contributes regularly to uap

745

00:38:32,230 --> 00:38:29,920

research.com writes his own blog and of

746

00:38:33,670 --> 00:38:32,240

course over at the debrief his links are

747

00:38:34,950 --> 00:38:33,680

right there at jimmychurchradio.com i

748

00:38:36,069 --> 00:38:34,960

would like to welcome to the first time

749

00:38:37,990 --> 00:38:36,079

fade to black

750

00:38:38,950 --> 00:38:38,000

chris playing chris good evening man how

751  
00:38:41,030 --> 00:38:38,960  
you doing

752  
00:38:44,710 --> 00:38:41,040  
jimmy good to hear you good to see how

753  
00:38:45,910 --> 00:38:44,720  
are you my man i am fantastic and uh oh

754  
00:38:47,990 --> 00:38:45,920  
let's just get straight to it you get

755  
00:38:49,750 --> 00:38:48,000  
the first time guest disclaimer

756  
00:38:50,950 --> 00:38:49,760  
so uh let's get that out of the way

757  
00:38:53,109 --> 00:38:50,960  
chris

758  
00:38:55,270 --> 00:38:53,119  
it's just you and i sitting on my couch

759  
00:38:57,270 --> 00:38:55,280  
having a conversation as friends and

760  
00:38:58,950 --> 00:38:57,280  
when the conversation starts it starts

761  
00:39:00,710 --> 00:38:58,960  
where it ends it ends well we're gonna

762  
00:39:02,470 --> 00:39:00,720  
end his friends

763  
00:39:03,750 --> 00:39:02,480

sounds good to me is that too much

764

00:39:05,270 --> 00:39:03,760

pressure

765

00:39:06,950 --> 00:39:05,280

no you know what actually jimmy before

766

00:39:09,910 --> 00:39:06,960

you get to that's perfect and before you

767

00:39:11,990 --> 00:39:09,920

get too deep into whatever rabbit hole

768

00:39:13,349 --> 00:39:12,000

you want me to run down with you i just

769

00:39:16,310 --> 00:39:13,359

wanted to like

770

00:39:18,790 --> 00:39:16,320

give a two-minute sneak peek to the

771

00:39:20,550 --> 00:39:18,800

faber knots faber nautical engineers and

772

00:39:21,750 --> 00:39:20,560

anybody studying the faber nautical

773

00:39:22,870 --> 00:39:21,760

sciences

774

00:39:26,230 --> 00:39:22,880

that

775

00:39:28,630 --> 00:39:26,240

how this process actually occurs because

776

00:39:30,870 --> 00:39:28,640

not everybody you know you have

777

00:39:32,390 --> 00:39:30,880

how many listeners i have no idea but

778

00:39:34,630 --> 00:39:32,400

very few of us are going to get that

779

00:39:36,470 --> 00:39:34,640

opportunity to jump on here as a guest

780

00:39:37,589 --> 00:39:36,480

so i just wanted to take them through

781

00:39:39,750 --> 00:39:37,599

quickly

782

00:39:41,430 --> 00:39:39,760

how this came about in this process if

783

00:39:43,190 --> 00:39:41,440

you don't mind and if you feel this is

784

00:39:44,870 --> 00:39:43,200

going nowhere too bad because you're not

785

00:39:46,870 --> 00:39:44,880

getting paid all right all right fair

786

00:39:49,270 --> 00:39:46,880

enough so we we have we have a couple of

787

00:39:51,190 --> 00:39:49,280

friends co-workers comrades in arms

788

00:39:54,829 --> 00:39:51,200

micah hanks who i work with over at the

789

00:39:58,470 --> 00:39:54,839

debrief yep and of course uh uh unx

790

00:39:59,910 --> 00:39:58,480

superstar christina gomez yes uh who's a

791

00:40:01,990 --> 00:39:59,920

who's a friend of both of ours and the

792

00:40:02,790 --> 00:40:02,000

co-worker mine over there at the debrief

793

00:40:04,870 --> 00:40:02,800

so

794

00:40:06,710 --> 00:40:04,880

this first phase of this whole thing

795

00:40:08,470 --> 00:40:06,720

i'll call this is the this is the

796

00:40:10,950 --> 00:40:08,480

pre-invite

797

00:40:13,510 --> 00:40:10,960

so before you even get invited to the

798

00:40:16,309 --> 00:40:13,520

jimmy church show am i killing you here

799

00:40:17,990 --> 00:40:16,319

i'm nervous no no nothing bad nothing

800

00:40:19,589 --> 00:40:18,000

okay okay okay

801  
00:40:21,589 --> 00:40:19,599  
before you get invited to the jimmy

802  
00:40:24,069 --> 00:40:21,599  
church show you get the the reach out so

803  
00:40:26,550 --> 00:40:24,079  
like christina gives me that hey jimmy's

804  
00:40:28,550 --> 00:40:26,560  
been following your stuff he really

805  
00:40:31,510 --> 00:40:28,560  
likes reading your articles you think

806  
00:40:32,710 --> 00:40:31,520  
you might be interested so i naively i'm

807  
00:40:34,390 --> 00:40:32,720  
like yeah you know what time is he

808  
00:40:35,430 --> 00:40:34,400  
thinking what daisy do you say oh no no

809  
00:40:38,150 --> 00:40:35,440  
no no

810  
00:40:40,069 --> 00:40:38,160  
he wants to you know he will call you

811  
00:40:42,710 --> 00:40:40,079  
and invite you

812  
00:40:45,030 --> 00:40:42,720  
and he'll bring you on so oh okay so

813  
00:40:47,510 --> 00:40:45,040

that's even before i've been invited

814

00:40:49,589 --> 00:40:47,520

i've been pre-invited yeah yeah yeah

815

00:40:51,670 --> 00:40:49,599

that's uh that's uh

816

00:40:53,109 --> 00:40:51,680

that's pretty close to how it actually

817

00:40:55,270 --> 00:40:53,119

works around here

818

00:40:56,950 --> 00:40:55,280

i love it so christine so i get on the

819

00:40:58,550 --> 00:40:56,960

phone with jimmy right you'll have

820

00:41:01,109 --> 00:40:58,560

plenty of chances to talk you're on your

821

00:41:02,950 --> 00:41:01,119

every night so i get on with jimmy he

822

00:41:04,150 --> 00:41:02,960

calls me up right he's a chris jimmy

823

00:41:04,950 --> 00:41:04,160

church

824

00:41:09,750 --> 00:41:04,960

you know

825

00:41:12,150 --> 00:41:09,760

cigarettes and i got eight minutes of

826

00:41:14,710 --> 00:41:12,160

oxygen so i said all right jimmy what's

827

00:41:15,990 --> 00:41:14,720

going on so he invites me he said you

828

00:41:17,430 --> 00:41:16,000

know i'd love to have you on the show

829

00:41:19,910 --> 00:41:17,440

but following your stuff pretty much you

830

00:41:21,750 --> 00:41:19,920

know covered the exact same ground that

831

00:41:24,150 --> 00:41:21,760

christina did right because now there's

832

00:41:25,990 --> 00:41:24,160

a reason to have two phone calls so he

833

00:41:27,750 --> 00:41:26,000

extends me a date

834

00:41:30,390 --> 00:41:27,760

we agree to the date we're picking the

835

00:41:33,270 --> 00:41:30,400

time and what happened jimmy i canceled

836

00:41:36,309 --> 00:41:33,280

you so he cancels right i did i canceled

837

00:41:39,190 --> 00:41:36,319

i called back said chris uh another time

838

00:41:41,990 --> 00:41:39,200

yeah and when i say cancel i talked like

839

00:41:44,150 --> 00:41:42,000

an hour after he invited me right we're

840

00:41:46,829 --> 00:41:44,160

like we're like i haven't even got done

841

00:41:49,270 --> 00:41:46,839

telling my wife who the f jimmy church

842

00:41:52,150 --> 00:41:49,280

is and she knows of course because i

843

00:41:55,270 --> 00:41:52,160

listen to this all the time right so i i

844

00:41:57,990 --> 00:41:55,280

i tell her very excited changes dates up

845

00:42:00,390 --> 00:41:58,000

sorry no problem we're on we're changing

846

00:42:02,390 --> 00:42:00,400

dates what i asked two things i said

847

00:42:04,309 --> 00:42:02,400

what time am i on

848

00:42:05,990 --> 00:42:04,319

and how long is the interview right so

849

00:42:08,390 --> 00:42:06,000

he tells me i'm sorry chris

850

00:42:10,069 --> 00:42:08,400

i'm going to have you in the green room

851  
00:42:12,230 --> 00:42:10,079  
faber nautical engineers pay attention

852  
00:42:13,750 --> 00:42:12,240  
this will be on the final exam

853  
00:42:17,349 --> 00:42:13,760  
so

854  
00:42:19,829 --> 00:42:17,359  
he tells me 6 30 you're on green room

855  
00:42:21,589 --> 00:42:19,839  
show starts at 7 2 hours i said i can do

856  
00:42:24,550 --> 00:42:21,599  
two hours done two hours on these other

857  
00:42:29,510 --> 00:42:27,829  
6 30 comes around we we connect we're on

858  
00:42:35,270 --> 00:42:29,520  
for a few minutes he says all right

859  
00:42:39,589 --> 00:42:37,670  
you know and and see and and this is

860  
00:42:41,910 --> 00:42:39,599  
within an hour drinking and then yeah i

861  
00:42:43,430 --> 00:42:41,920  
know i know and so and and here's the

862  
00:42:44,870 --> 00:42:43,440  
deal

863  
00:42:46,950 --> 00:42:44,880

um

864

00:42:47,750 --> 00:42:46,960

and that's exactly how it all went down

865

00:42:50,470 --> 00:42:47,760

uh

866

00:42:54,390 --> 00:42:50,480

absolutely but here's the thing chris

867

00:42:55,109 --> 00:42:54,400

is that um i have done

868

00:42:59,190 --> 00:42:55,119

uh

869

00:43:01,910 --> 00:42:59,200

somewhere north of 1500

870

00:43:04,470 --> 00:43:01,920

interviews oh i bet that's that's a

871

00:43:06,470 --> 00:43:04,480

crazy i think this is show number

872

00:43:08,230 --> 00:43:06,480

1550 tonight

873

00:43:09,190 --> 00:43:08,240

and i'm not even sure about the numbers

874

00:43:17,910 --> 00:43:09,200

but

875

00:43:23,270 --> 00:43:21,510

you are in a well-oiled machine

876

00:43:27,030 --> 00:43:23,280

that just goes

877

00:43:28,550 --> 00:43:27,040

and sometimes i lose sight of

878

00:43:30,950 --> 00:43:28,560

uh what it's like to be on the other

879

00:43:33,990 --> 00:43:30,960

side of the fence uh as a guest

880

00:43:37,829 --> 00:43:34,000

me i'm just like okay uh next tuesday uh

881

00:43:42,069 --> 00:43:39,670

right right right and uh have a great

882

00:43:43,750 --> 00:43:42,079

weekend and what's so funny is having

883

00:43:45,829 --> 00:43:43,760

done a number of interviews in the last

884

00:43:47,430 --> 00:43:45,839

couple of years i have a lot of these

885

00:43:48,710 --> 00:43:47,440

where they have you come into the green

886

00:43:50,710 --> 00:43:48,720

room like

887

00:43:52,630 --> 00:43:50,720

five to ten minutes before the show

888

00:43:54,710 --> 00:43:52,640

right right so when you initially told

889

00:43:57,349 --> 00:43:54,720

me 6 30 and that the show starts at

890

00:43:59,190 --> 00:43:57,359

seven i go out to my wife i go this

891

00:44:00,790 --> 00:43:59,200

guy's a professional how needy is he

892

00:44:02,870 --> 00:44:00,800

needs me in the green room for a half an

893

00:44:04,870 --> 00:44:02,880

hour what are we gonna am i gonna do a

894

00:44:06,950 --> 00:44:04,880

tarot reading yeah yeah

895

00:44:08,790 --> 00:44:06,960

like what are we gonna do is there like

896

00:44:10,230 --> 00:44:08,800

a quick card game or do i have to do an

897

00:44:12,870 --> 00:44:10,240

oath or something

898

00:44:15,030 --> 00:44:12,880

even i was like 30 minutes of twiddle

899

00:44:18,309 --> 00:44:15,040

and thumb seems like a long like

900

00:44:21,109 --> 00:44:18,319

pre-interview i i had notes ready

901  
00:44:24,069 --> 00:44:21,119  
like i said i lose sight of uh and thank

902  
00:44:27,109 --> 00:44:24,079  
you for that you know what i need to

903  
00:44:30,069 --> 00:44:27,119  
i need to get back to what is real

904  
00:44:32,630 --> 00:44:30,079  
and and and have respect for everybody

905  
00:44:34,870 --> 00:44:32,640  
else's uh environment so they totally

906  
00:44:37,589 --> 00:44:34,880  
unders because i think that everybody

907  
00:44:39,190 --> 00:44:37,599  
knows everything you know or or you can

908  
00:44:41,190 --> 00:44:39,200  
read my mind

909  
00:44:42,710 --> 00:44:41,200  
uh all right all right all right well i

910  
00:44:44,550 --> 00:44:42,720  
do know everything and i can't read your

911  
00:44:47,349 --> 00:44:44,560  
mind but in this case i wasn't paying

912  
00:44:48,829 --> 00:44:47,359  
attention you know now um and and this

913  
00:44:52,069 --> 00:44:48,839

is great though

914

00:44:55,510 --> 00:44:52,079

because uh one of the things that that i

915

00:44:57,829 --> 00:44:55,520

enjoy is when i when i have guests on

916

00:45:00,150 --> 00:44:57,839

and this happens uh more often than you

917

00:45:02,550 --> 00:45:00,160

would think but but having guests on

918

00:45:04,790 --> 00:45:02,560

that are professionals

919

00:45:07,349 --> 00:45:04,800

in their craft whether it's theater

920

00:45:08,950 --> 00:45:07,359

comedy film television

921

00:45:11,349 --> 00:45:08,960

uh radio

922

00:45:13,750 --> 00:45:11,359

and they have uh

923

00:45:17,190 --> 00:45:13,760

they have been doing

924

00:45:18,390 --> 00:45:17,200

something in the entertainment world for

925

00:45:21,030 --> 00:45:18,400

a while

926

00:45:23,750 --> 00:45:21,040

and they know how to have a conversation

927

00:45:26,950 --> 00:45:23,760

and it's one of my favorite things to do

928

00:45:29,349 --> 00:45:26,960

is to to have a guest on like yourself

929

00:45:31,190 --> 00:45:29,359

uh for you it's it's comedy and stage

930

00:45:33,270 --> 00:45:31,200

and and performance and and you've been

931

00:45:35,990 --> 00:45:33,280

doing it since well we're going to talk

932

00:45:38,309 --> 00:45:36,000

about that in a second but that natural

933

00:45:41,589 --> 00:45:38,319

banter that goes back and forth

934

00:45:44,150 --> 00:45:41,599

it is so much fun for me and it

935

00:45:46,470 --> 00:45:44,160

translates right back to the audience

936

00:45:48,390 --> 00:45:46,480

so that this is a good point to ask the

937

00:45:50,950 --> 00:45:48,400

the obvious question

938

00:45:52,790 --> 00:45:50,960

what came first for you

939

00:45:54,470 --> 00:45:52,800

was it comedy

940

00:45:57,990 --> 00:45:54,480

or was it

941

00:46:04,630 --> 00:46:01,589

i started watching

942

00:46:07,750 --> 00:46:04,640

in search of in 1977

943

00:46:11,109 --> 00:46:07,760

right and i was born in 69 so that show

944

00:46:12,950 --> 00:46:11,119

came on when i was eight years old

945

00:46:15,430 --> 00:46:12,960

and that changed my whole world there

946

00:46:17,750 --> 00:46:15,440

was no jimmy church there was no fade to

947

00:46:19,430 --> 00:46:17,760

black there was no christina gomez there

948

00:46:21,910 --> 00:46:19,440

was no micah hanks you couldn't turn on

949

00:46:23,670 --> 00:46:21,920

ancient aliens or any of these things

950

00:46:25,910 --> 00:46:23,680

whatever level you feel about these

951  
00:46:28,069 --> 00:46:25,920  
different productions there are a myriad

952  
00:46:30,630 --> 00:46:28,079  
of options across history channel and

953  
00:46:34,150 --> 00:46:30,640  
learning channel not just so many

954  
00:46:36,230 --> 00:46:34,160  
sources of information available

955  
00:46:39,190 --> 00:46:36,240  
i didn't know i had an interest in this

956  
00:46:41,349 --> 00:46:39,200  
but i saw that first pilot episode and

957  
00:46:43,270 --> 00:46:41,359  
they talked about ufos and my is a

958  
00:46:43,990 --> 00:46:43,280  
really smart guy was sitting there with

959  
00:46:45,750 --> 00:46:44,000  
me

960  
00:46:48,950 --> 00:46:45,760  
and he was like

961  
00:46:51,270 --> 00:46:48,960  
this seems pretty real it really felt

962  
00:46:53,910 --> 00:46:51,280  
and anyone who watched that show back in

963  
00:46:55,829 --> 00:46:53,920

the day it was that well plus it was

964

00:46:59,670 --> 00:46:55,839

plus it was speeding

965

00:47:03,109 --> 00:46:59,680

it was spock right you know and and

966

00:47:06,230 --> 00:47:03,119

that was nimoy was hosting every episode

967

00:47:08,950 --> 00:47:06,240

it was he had that gravitas he had that

968

00:47:11,910 --> 00:47:08,960

jimmy church i have cigarettes on every

969

00:47:12,870 --> 00:47:11,920

break voice yes he did he did he did and

970

00:47:16,470 --> 00:47:12,880

and

971

00:47:19,030 --> 00:47:16,480

directly

972

00:47:20,390 --> 00:47:19,040

in search of because it was leonard

973

00:47:23,430 --> 00:47:20,400

nimoy

974

00:47:24,390 --> 00:47:23,440

suddenly had the street cred of like 60

975

00:47:28,069 --> 00:47:24,400

minutes

976  
00:47:29,829 --> 00:47:28,079  
right it was like right totally this is

977  
00:47:32,549 --> 00:47:29,839  
uh

978  
00:47:34,470 --> 00:47:32,559  
a magazine

979  
00:47:38,710 --> 00:47:34,480  
you know presentation

980  
00:47:41,270 --> 00:47:38,720  
on on ufos and in ancient egypt and and

981  
00:47:42,390 --> 00:47:41,280  
and everything else that they covered on

982  
00:47:44,710 --> 00:47:42,400  
that show

983  
00:47:46,549 --> 00:47:44,720  
uh that were these fringe topics

984  
00:47:49,030 --> 00:47:46,559  
presented in a way

985  
00:47:49,990 --> 00:47:49,040  
that this was just like your nightly

986  
00:47:52,549 --> 00:47:50,000  
news

987  
00:47:54,309 --> 00:47:52,559  
and it was it was incredible it's the

988  
00:47:56,549 --> 00:47:54,319

first time you would hear

989

00:47:57,430 --> 00:47:56,559

on nanaki or the first time you would

990

00:48:02,069 --> 00:47:57,440

hear

991

00:48:03,990 --> 00:48:02,079

sort of that was the first place that

992

00:48:05,510 --> 00:48:04,000

really you know jimmy if you think there

993

00:48:08,069 --> 00:48:05,520

was this

994

00:48:11,670 --> 00:48:08,079

serious to semi-serious discussion about

995

00:48:14,470 --> 00:48:11,680

ufos in the late 40s and the 1950s if

996

00:48:16,150 --> 00:48:14,480

you look at tv and movies by the 60s

997

00:48:17,589 --> 00:48:16,160

although blue book hadn't given up yet

998

00:48:19,510 --> 00:48:17,599

they were they were they were getting

999

00:48:22,710 --> 00:48:19,520

loose with it culture had given up on it

1000

00:48:24,870 --> 00:48:22,720

as a serious a serious topic even before

1001

00:48:28,230 --> 00:48:24,880

i was born

1002

00:48:30,870 --> 00:48:28,240

this show on prime time on network tv

1003

00:48:32,309 --> 00:48:30,880

tackling all of those topics you know

1004

00:48:33,750 --> 00:48:32,319

they would they called it astral

1005

00:48:37,109 --> 00:48:33,760

projection but they were talking about

1006

00:48:39,190 --> 00:48:37,119

remote viewing in 1978 you know and they

1007

00:48:41,270 --> 00:48:39,200

were really talking about the cia and

1008

00:48:42,790 --> 00:48:41,280

these various programs the information

1009

00:48:45,510 --> 00:48:42,800

was really ahead of its time for what

1010

00:48:47,510 --> 00:48:45,520

they were doing yeah i went back and uh

1011

00:48:50,870 --> 00:48:47,520

this is a couple of years ago

1012

00:48:52,150 --> 00:48:50,880

and i went back and i watched all of in

1013

00:48:53,190 --> 00:48:52,160

search of

1014

00:48:58,309 --> 00:48:53,200

and

1015

00:48:59,109 --> 00:48:58,319

did all of this at the same time chris

1016

00:49:00,470 --> 00:48:59,119

um

1017

00:49:02,790 --> 00:49:00,480

after that

1018

00:49:05,750 --> 00:49:02,800

i'm in the middle of that and then i i

1019

00:49:08,870 --> 00:49:05,760

went further back and i and i did all of

1020

00:49:13,510 --> 00:49:08,880

the first two seasons of uh star trek i

1021

00:49:15,349 --> 00:49:13,520

did uh the twilight zone and then i went

1022

00:49:17,910 --> 00:49:15,359

back and watched

1023

00:49:20,549 --> 00:49:17,920

uh chariots of the gods

1024

00:49:22,870 --> 00:49:20,559

and and i realized

1025

00:49:24,390 --> 00:49:22,880

since then i've watched chariots of the

1026

00:49:26,790 --> 00:49:24,400

gods

1027

00:49:28,870 --> 00:49:26,800

probably four times a year for the last

1028

00:49:30,630 --> 00:49:28,880

three or four years i watch it all the

1029

00:49:33,109 --> 00:49:30,640

time wow

1030

00:49:36,309 --> 00:49:33,119

it is so timeless and and in search of

1031

00:49:38,390 --> 00:49:36,319

hit me the same exact way

1032

00:49:41,910 --> 00:49:38,400

yeah so that was the start for me at

1033

00:49:44,470 --> 00:49:41,920

that age but comedy really i did plays

1034

00:49:46,150 --> 00:49:44,480

and theater in the ensuing years all

1035

00:49:49,030 --> 00:49:46,160

throughout the 80s and

1036

00:49:50,630 --> 00:49:49,040

you know i'm i'm a heavy guy so i i you

1037

00:49:53,190 --> 00:49:50,640

know you've seen my picture people see

1038

00:49:55,589 --> 00:49:53,200

me do other interviews i'm a big guy so

1039

00:49:58,950 --> 00:49:55,599

i was a a chris farley character on

1040

00:50:01,109 --> 00:49:58,960

stage in the 1980s and there's a lot of

1041

00:50:04,150 --> 00:50:01,119

reward to that there's a lot of laughter

1042

00:50:07,430 --> 00:50:04,160

that goes with that but you are

1043

00:50:09,430 --> 00:50:07,440

uh shoehorned into a clown role so i

1044

00:50:12,630 --> 00:50:09,440

went into stand-up in college yeah in

1045

00:50:15,030 --> 00:50:12,640

1991 at ucla and that's that's where

1046

00:50:17,670 --> 00:50:15,040

that but i never lost the interest in

1047

00:50:20,069 --> 00:50:17,680

ufos it's funny i talk about i tell

1048

00:50:22,230 --> 00:50:20,079

people that some of those mysteries from

1049

00:50:23,910 --> 00:50:22,240

my youth like the bermuda triangle or

1050

00:50:25,109 --> 00:50:23,920

the loch ness monster some of those

1051  
00:50:27,109 --> 00:50:25,119

things

1052  
00:50:29,670 --> 00:50:27,119

there's only so much that could be done

1053  
00:50:32,150 --> 00:50:29,680

to research them that at some point i

1054  
00:50:34,790 --> 00:50:32,160

think just they i didn't discount them

1055  
00:50:36,950 --> 00:50:34,800

they just fell away from my interest but

1056  
00:50:39,030 --> 00:50:36,960

ufos were something that was always

1057  
00:50:41,190 --> 00:50:39,040

there there were always new reports even

1058  
00:50:44,870 --> 00:50:41,200

if it was in the background i remember

1059  
00:50:47,510 --> 00:50:44,880

the nid's website coming up right 1995.

1060  
00:50:49,910 --> 00:50:47,520

the internet was still relatively new

1061  
00:50:52,230 --> 00:50:49,920

and functional in the 90s and you could

1062  
00:50:55,030 --> 00:50:52,240

go on there and read case histories and

1063  
00:50:57,270 --> 00:50:55,040

read studies that the guys were i didn't

1064

00:50:59,349 --> 00:50:57,280

didn't foresee the connection to bigelow

1065

00:51:01,430 --> 00:50:59,359

and greer and all the things that came

1066

00:51:03,910 --> 00:51:01,440

out of that at the time

1067

00:51:06,870 --> 00:51:03,920

but yeah that stuff was always there i

1068

00:51:09,349 --> 00:51:06,880

think there was this huge moment in 2001

1069

00:51:12,790 --> 00:51:09,359

with the press club event yes with greer

1070

00:51:15,190 --> 00:51:12,800

bringing all those military and faa type

1071

00:51:17,190 --> 00:51:15,200

witnesses that was really in a lot of

1072

00:51:20,069 --> 00:51:17,200

ways kind of the first step to what

1073

00:51:21,349 --> 00:51:20,079

we're seeing now the first progressive

1074

00:51:23,030 --> 00:51:21,359

step where

1075

00:51:26,710 --> 00:51:23,040

all of these people were suddenly

1076

00:51:28,710 --> 00:51:26,720

talking about it so yeah i i think

1077

00:51:30,150 --> 00:51:28,720

comedy is something i i've been paid to

1078

00:51:32,069 --> 00:51:30,160

do a lot over the years and something

1079

00:51:34,069 --> 00:51:32,079

i've enjoyed doing a lot over the years

1080

00:51:36,069 --> 00:51:34,079

but ufos is just like a personal

1081

00:51:37,750 --> 00:51:36,079

interest that's always been there and

1082

00:51:39,589 --> 00:51:37,760

it's how i ended up at the debrief i

1083

00:51:42,150 --> 00:51:39,599

mostly write science over there i don't

1084

00:51:44,790 --> 00:51:42,160

cover a lot of ufo material unless it

1085

00:51:46,870 --> 00:51:44,800

overlaps with nasa or one of the big

1086

00:51:47,670 --> 00:51:46,880

science agencies which it occasionally

1087

00:51:49,750 --> 00:51:47,680

does

1088

00:51:51,510 --> 00:51:49,760

but it's uh it's how i got into this

1089

00:51:54,150 --> 00:51:51,520

community it's how i joined up with the

1090

00:51:57,589 --> 00:51:54,160

guys over there and uh yeah it's been

1091

00:51:59,109 --> 00:51:57,599

with me since 1977. did you um

1092

00:52:02,790 --> 00:51:59,119

incorporate

1093

00:52:04,870 --> 00:52:02,800

uh ufos and e.t into your comedy and i

1094

00:52:07,270 --> 00:52:04,880

say that because

1095

00:52:10,230 --> 00:52:07,280

i watch a lot of stand-up comedy

1096

00:52:14,470 --> 00:52:10,240

and over the last year

1097

00:52:16,069 --> 00:52:14,480

this thing it seems like every comedian

1098

00:52:19,829 --> 00:52:16,079

that i see now

1099

00:52:22,790 --> 00:52:19,839

will tell a ufo or e.t joke in in their

1100

00:52:24,230 --> 00:52:22,800

act and i don't remember this uh in

1101  
00:52:26,230 --> 00:52:24,240  
years past

1102  
00:52:27,750 --> 00:52:26,240  
so if it's gone into pop culture with

1103  
00:52:30,069 --> 00:52:27,760  
stand-up comedy

1104  
00:52:32,470 --> 00:52:30,079  
uh you've pretty much

1105  
00:52:35,670 --> 00:52:32,480  
you know you're a global thing now did

1106  
00:52:37,589 --> 00:52:35,680  
you have ufos and e.t in your stand up

1107  
00:52:39,030 --> 00:52:37,599  
uh not really but i'll tell you what's

1108  
00:52:41,910 --> 00:52:39,040  
interesting you know every once in a

1109  
00:52:43,750 --> 00:52:41,920  
while i might touch on it in a uh like

1110  
00:52:45,349 --> 00:52:43,760  
the corny way that people do like an

1111  
00:52:47,109 --> 00:52:45,359  
alien abduction reference or something

1112  
00:52:49,109 --> 00:52:47,119  
but i didn't have any material written

1113  
00:52:51,510 --> 00:52:49,119

about it here's the insight though that

1114

00:52:52,309 --> 00:52:51,520

i think i can give you here jimmy

1115

00:52:54,790 --> 00:52:52,319

when

1116

00:52:57,430 --> 00:52:54,800

i was at at the ucla comedy club we got

1117

00:53:00,150 --> 00:52:57,440

to have these guest hosts come on and

1118

00:53:02,230 --> 00:53:00,160

host the show so there'd be a an actual

1119

00:53:04,950 --> 00:53:02,240

because we were in la right we could get

1120

00:53:07,190 --> 00:53:04,960

an actual mainstream celebrity comedy

1121

00:53:08,790 --> 00:53:07,200

host like a david spade or somebody they

1122

00:53:11,030 --> 00:53:08,800

would come in host the show sarah

1123

00:53:13,190 --> 00:53:11,040

silverman and then all the comedians

1124

00:53:14,710 --> 00:53:13,200

would would you know we would we would

1125

00:53:16,950 --> 00:53:14,720

battle for the number of spots but a

1126  
00:53:18,309 --> 00:53:16,960  
half a dozen of us would get to go up

1127  
00:53:19,589 --> 00:53:18,319  
every week and perform with these

1128  
00:53:22,950 --> 00:53:19,599  
headliners

1129  
00:53:25,829 --> 00:53:22,960  
seinfeld and

1130  
00:53:28,549 --> 00:53:25,839  
at that time it was just when his show

1131  
00:53:30,230 --> 00:53:28,559  
had started but they were not sure if it

1132  
00:53:32,630 --> 00:53:30,240  
was the seinfeld tv show was going to

1133  
00:53:33,910 --> 00:53:32,640  
make it it struggled in the ratings its

1134  
00:53:35,510 --> 00:53:33,920  
first year and it had all this great

1135  
00:53:37,910 --> 00:53:35,520  
critical acclaim

1136  
00:53:39,829 --> 00:53:37,920  
and he would we got the opportunities as

1137  
00:53:41,109 --> 00:53:39,839  
student comedians to sit around and pick

1138  
00:53:42,549 --> 00:53:41,119

his brain

1139

00:53:44,710 --> 00:53:42,559

and he said if you're going to be

1140

00:53:47,190 --> 00:53:44,720

serious about comedy and you really want

1141

00:53:49,270 --> 00:53:47,200

to do this for a living he said you just

1142

00:53:51,270 --> 00:53:49,280

need to treat it like any other job and

1143

00:53:52,710 --> 00:53:51,280

what he does every morning is he gets up

1144

00:53:55,670 --> 00:53:52,720

he has breakfast does his morning

1145

00:53:59,109 --> 00:53:55,680

routine he is at his desk by 9 a.m like

1146

00:54:01,910 --> 00:53:59,119

a like a 20th century job right

1147

00:54:04,470 --> 00:54:01,920

he does comedy writing from eight to

1148

00:54:07,430 --> 00:54:04,480

nine a.m to noon has his lunch does it

1149

00:54:09,190 --> 00:54:07,440

in the afternoon and whatever phone

1150

00:54:10,470 --> 00:54:09,200

calls business are mixed in of course

1151

00:54:13,910 --> 00:54:10,480

you do your business

1152

00:54:16,470 --> 00:54:13,920

but that is dedicated time every day and

1153

00:54:18,630 --> 00:54:16,480

in the 80s what that meant was our early

1154

00:54:20,950 --> 00:54:18,640

90s was going through all the newspapers

1155

00:54:23,589 --> 00:54:20,960

what is everybody talking about right

1156

00:54:25,109 --> 00:54:23,599

now so in many ways if you go to a

1157

00:54:26,950 --> 00:54:25,119

comedy club

1158

00:54:28,630 --> 00:54:26,960

you're just seeing like a mini version

1159

00:54:30,870 --> 00:54:28,640

of what happens in the writers room at

1160

00:54:32,790 --> 00:54:30,880

the tonight show or in the writers room

1161

00:54:34,950 --> 00:54:32,800

at jimmy kimmel or one of these where

1162

00:54:37,670 --> 00:54:34,960

the comedians go through and go what is

1163

00:54:39,589 --> 00:54:37,680

everybody talking about and it's not

1164

00:54:42,150 --> 00:54:39,599

always just cultural stuff lots of times

1165

00:54:43,349 --> 00:54:42,160

it's something like ufos that really for

1166

00:54:46,470 --> 00:54:43,359

the last

1167

00:54:48,230 --> 00:54:46,480

four plus years now is on everybody's

1168

00:54:50,230 --> 00:54:48,240

news feed and i think

1169

00:54:51,910 --> 00:54:50,240

when it really went into hyperdrive in

1170

00:54:54,870 --> 00:54:51,920

the last year year and a half during the

1171

00:54:56,870 --> 00:54:54,880

pandemic with a lot of these legislative

1172

00:54:58,309 --> 00:54:56,880

movements and dod movements and things

1173

00:55:01,030 --> 00:54:58,319

like that

1174

00:55:02,630 --> 00:55:01,040

comics are going in the newspaper just

1175

00:55:04,390 --> 00:55:02,640

like a job and they're going they're

1176  
00:55:06,470 --> 00:55:04,400  
going on the on their website they're

1177  
00:55:08,230 --> 00:55:06,480  
going to huffington post or they're

1178  
00:55:09,829 --> 00:55:08,240  
going to their yahoo feed or they're

1179  
00:55:11,190 --> 00:55:09,839  
going to their daily beast or wherever

1180  
00:55:12,549 --> 00:55:11,200  
they get their news

1181  
00:55:13,430 --> 00:55:12,559  
and they're digging through they're

1182  
00:55:15,589 --> 00:55:13,440  
going

1183  
00:55:18,150 --> 00:55:15,599  
what are people talking about and yeah

1184  
00:55:20,150 --> 00:55:18,160  
if you go to a comedy club on any given

1185  
00:55:22,150 --> 00:55:20,160  
night and you were told nothing else

1186  
00:55:23,750 --> 00:55:22,160  
that's going on in the world if you sit

1187  
00:55:25,190 --> 00:55:23,760  
through three hours of stand up you'll

1188  
00:55:27,750 --> 00:55:25,200

know what's going on in the world

1189

00:55:29,670 --> 00:55:27,760

because across those comics whether

1190

00:55:31,589 --> 00:55:29,680

they're interested in fashion or music

1191

00:55:34,069 --> 00:55:31,599

or science or whatever they're gonna

1192

00:55:36,870 --> 00:55:34,079

talk about what's in the news now yeah

1193

00:55:39,510 --> 00:55:36,880

and uh david chappelle's latest netflix

1194

00:55:40,710 --> 00:55:39,520

special which i'm sure uh you've seen

1195

00:55:44,069 --> 00:55:40,720

and it's great

1196

00:55:45,990 --> 00:55:44,079

um he goes so you know i got kovid i i

1197

00:55:48,470 --> 00:55:46,000

had the quarantine for two weeks

1198

00:55:52,230 --> 00:55:48,480

and uh i'm locked up in this hotel room

1199

00:55:54,789 --> 00:55:52,240

and for two weeks i watched youtube ufo

1200

00:55:57,750 --> 00:55:54,799

videos

1201  
00:56:00,390 --> 00:55:57,760  
and and and how mainstream is it when

1202  
00:56:02,549 --> 00:56:00,400  
you've got you know chappelle and what's

1203  
00:56:04,630 --> 00:56:02,559  
what's going to be undoubtedly the

1204  
00:56:07,430 --> 00:56:04,640  
biggest netflix comedy special of the

1205  
00:56:09,670 --> 00:56:07,440  
year with the most views and the biggest

1206  
00:56:11,990 --> 00:56:09,680  
reach and it is chappelle

1207  
00:56:15,589 --> 00:56:12,000  
saying ufos are real which is what came

1208  
00:56:19,430 --> 00:56:15,599  
out of his mouth by the way it was uh uh

1209  
00:56:21,190 --> 00:56:19,440  
pretty pretty amazing now let's let's do

1210  
00:56:23,829 --> 00:56:21,200  
this too as well before we get to the

1211  
00:56:25,589 --> 00:56:23,839  
break ufos are one thing

1212  
00:56:28,309 --> 00:56:25,599  
comedy is one thing

1213  
00:56:29,990 --> 00:56:28,319

and then science is another now i don't

1214

00:56:32,390 --> 00:56:30,000

have a degree in science i don't have

1215

00:56:34,630 --> 00:56:32,400

that i i don't

1216

00:56:36,390 --> 00:56:34,640

um i think that sometimes i might be

1217

00:56:39,670 --> 00:56:36,400

smarter than some of these physicists

1218

00:56:42,710 --> 00:56:39,680

out there um and i do study this subject

1219

00:56:45,829 --> 00:56:42,720

i study it a lot and i read

1220

00:56:49,430 --> 00:56:45,839

so much into this subject what got you

1221

00:56:51,270 --> 00:56:49,440

into the hard sciences part of this

1222

00:56:53,109 --> 00:56:51,280

it's interesting i had a discussion

1223

00:56:55,910 --> 00:56:53,119

right when i first started writing at

1224

00:56:58,349 --> 00:56:55,920

the debrief i had a discussion with a

1225

00:57:01,270 --> 00:56:58,359

unnamed scientist who's a an

1226  
00:57:03,430 --> 00:57:01,280  
astrobiologist working for nasa now this

1227  
00:57:05,750 --> 00:57:03,440  
person's job

1228  
00:57:07,190 --> 00:57:05,760  
is to look for life on other planets

1229  
00:57:08,789 --> 00:57:07,200  
right

1230  
00:57:10,630 --> 00:57:08,799  
and i'm lining up an interview with them

1231  
00:57:12,710 --> 00:57:10,640  
to talk about their job

1232  
00:57:15,510 --> 00:57:12,720  
and they come back to me and cancel the

1233  
00:57:17,510 --> 00:57:15,520  
interview now this is the only

1234  
00:57:19,270 --> 00:57:17,520  
interview that's been canceled

1235  
00:57:20,710 --> 00:57:19,280  
since i've worked at the debrief other

1236  
00:57:23,270 --> 00:57:20,720  
than you know you flaking on me

1237  
00:57:24,230 --> 00:57:23,280  
yesterday yes so

1238  
00:57:25,349 --> 00:57:24,240

so

1239

00:57:28,069 --> 00:57:25,359

uh

1240

00:57:29,670 --> 00:57:28,079

she more or less after some back and

1241

00:57:32,230 --> 00:57:29,680

forth emails trying to get to the nuts

1242

00:57:34,230 --> 00:57:32,240

and bolts she was uncomfortable with the

1243

00:57:35,589 --> 00:57:34,240

with the ufo coverage on the debrief now

1244

00:57:39,030 --> 00:57:35,599

keep in mind

1245

00:57:41,109 --> 00:57:39,040

98 literally mathematically 98 of our

1246

00:57:44,150 --> 00:57:41,119

articles do not cover that topic

1247

00:57:46,950 --> 00:57:44,160

like literally 2 out of 100 will address

1248

00:57:49,270 --> 00:57:46,960

that topic in some months it might be 4

1249

00:57:50,630 --> 00:57:49,280

out of 100 articles but it is a very

1250

00:57:52,069 --> 00:57:50,640

small number

1251  
00:57:54,870 --> 00:57:52,079  
at the beginning it's true we were a

1252  
00:57:57,510 --> 00:57:54,880  
little heavier so so when when i was

1253  
00:57:59,030 --> 00:57:57,520  
told this by this astrobiologist i said

1254  
00:58:01,349 --> 00:57:59,040  
you know i tried to fight get them to

1255  
00:58:03,109 --> 00:58:01,359  
come on and give me and they just

1256  
00:58:05,589 --> 00:58:03,119  
flat wouldn't do it

1257  
00:58:07,349 --> 00:58:05,599  
what i think is ironic and i tell people

1258  
00:58:10,549 --> 00:58:07,359  
this all the time

1259  
00:58:13,430 --> 00:58:10,559  
readers that come to the debris for ufos

1260  
00:58:15,030 --> 00:58:13,440  
are reading about science all day

1261  
00:58:17,030 --> 00:58:15,040  
they're coming and learning about hard

1262  
00:58:18,710 --> 00:58:17,040  
science that's what happened to me i'm a

1263  
00:58:21,109 --> 00:58:18,720

guy who was watching

1264

00:58:23,670 --> 00:58:21,119

in search of and they're talking about

1265

00:58:26,630 --> 00:58:23,680

the pyramids so i'm reading books i can

1266

00:58:29,270 --> 00:58:26,640

on the pyramids but among those books

1267

00:58:31,829 --> 00:58:29,280

are are not just robert skoke and graham

1268

00:58:34,549 --> 00:58:31,839

hancock but are these mainstream

1269

00:58:35,430 --> 00:58:34,559

scientists you know even zaki hawas you

1270

00:58:37,270 --> 00:58:35,440

know

1271

00:58:38,470 --> 00:58:37,280

collaborating with people so you would

1272

00:58:41,109 --> 00:58:38,480

learn this

1273

00:58:42,710 --> 00:58:41,119

the mainstream component i tell people

1274

00:58:45,349 --> 00:58:42,720

all the time i like watching ancient

1275

00:58:47,430 --> 00:58:45,359

aliens not so much for the theories

1276

00:58:49,349 --> 00:58:47,440

because i think we all have our own and

1277

00:58:51,670 --> 00:58:49,359

although some are interesting but other

1278

00:58:52,630 --> 00:58:51,680

than watching george suclose who is one

1279

00:58:54,390 --> 00:58:52,640

of the

1280

00:58:56,390 --> 00:58:54,400

best paid professional comedians who

1281

00:58:58,950 --> 00:58:56,400

doesn't actually know he's a comedian on

1282

00:59:04,950 --> 00:59:02,829

yes do you have no no no no i was just

1283

00:59:07,270 --> 00:59:04,960

uh contemplating

1284

00:59:11,829 --> 00:59:07,280

and pondering the significance of that

1285

00:59:14,069 --> 00:59:11,839

statement yeah so they talk about

1286

00:59:16,069 --> 00:59:14,079

mainstream like it's the only tv show

1287

00:59:18,630 --> 00:59:16,079

where you're gonna see

1288

00:59:21,349 --> 00:59:18,640

inside these pyramids in vietnam or

1289

00:59:24,069 --> 00:59:21,359

inside these you know various structures

1290

00:59:26,230 --> 00:59:24,079

in mexico these olmec you know so you're

1291

00:59:28,150 --> 00:59:26,240

gonna see mainstream

1292

00:59:29,589 --> 00:59:28,160

uh archaeology

1293

00:59:31,510 --> 00:59:29,599

covered with a

1294

00:59:33,270 --> 00:59:31,520

flashy

1295

00:59:35,589 --> 00:59:33,280

that sells the show

1296

00:59:37,990 --> 00:59:35,599

but what you do is you introduce a bunch

1297

00:59:40,309 --> 00:59:38,000

of people to that mainstream science and

1298

00:59:41,589 --> 00:59:40,319

i can tell you in the time i've been at

1299

00:59:45,190 --> 00:59:41,599

the debrief

1300

00:59:46,870 --> 00:59:45,200

my my dms and my private messages i get

1301  
00:59:49,910 --> 00:59:46,880  
from readers and emails i get from

1302  
00:59:52,470 --> 00:59:49,920  
readers have gone from asking me when

1303  
00:59:53,349 --> 00:59:52,480  
are we going to see the triangle photo

1304  
00:59:55,510 --> 00:59:53,359  
to

1305  
00:59:57,589 --> 00:59:55,520  
what are the chances that the james webb

1306  
00:59:59,910 --> 00:59:57,599  
telescope is going to spot signs of life

1307  
01:00:02,069 --> 00:59:59,920  
around another planet now let's keep in

1308  
01:00:04,630 --> 01:00:02,079  
mind i want to see the triangle photo

1309  
01:00:06,950 --> 01:00:04,640  
like nobody's business right like i

1310  
01:00:09,109 --> 01:00:06,960  
happen to work with people that give me

1311  
01:00:11,670 --> 01:00:09,119  
a fair amount of confidence that that's

1312  
01:00:13,990 --> 01:00:11,680  
a real photo and that real people have

1313  
01:00:16,390 --> 01:00:14,000

really seen that so don't get me wrong

1314

01:00:19,030 --> 01:00:16,400

but at the same time

1315

01:00:21,670 --> 01:00:19,040

this crawl that we're going through of

1316

01:00:23,910 --> 01:00:21,680

looking for life in the clouds of venus

1317

01:00:26,230 --> 01:00:23,920

looking for life on mars looking for

1318

01:00:28,390 --> 01:00:26,240

signs of life around trappist-1 a

1319

01:00:29,349 --> 01:00:28,400

exoplanet system that's 40 light years

1320

01:00:31,109 --> 01:00:29,359

away

1321

01:00:33,750 --> 01:00:31,119

these sort of things

1322

01:00:35,349 --> 01:00:33,760

will build to the point because you

1323

01:00:37,510 --> 01:00:35,359

don't hear mainstream scientists

1324

01:00:39,670 --> 01:00:37,520

discounting ufos the way they used to

1325

01:00:40,870 --> 01:00:39,680

right because when they used to discount

1326

01:00:42,789 --> 01:00:40,880

them we didn't even know they were

1327

01:00:44,069 --> 01:00:42,799

planets around other stars and certainly

1328

01:00:46,710 --> 01:00:44,079

didn't know there'd be ones in the

1329

01:00:48,309 --> 01:00:46,720

habitable zone that were rocky we didn't

1330

01:00:51,270 --> 01:00:48,319

know they were going to be commonplace

1331

01:00:52,549 --> 01:00:51,280

and everywhere so much information has

1332

01:00:55,109 --> 01:00:52,559

progressed

1333

01:00:58,150 --> 01:00:55,119

that what happens when we start finding

1334

01:01:00,950 --> 01:00:58,160

life even microbial life across the

1335

01:01:03,349 --> 01:01:00,960

galaxy then you get to a discussion with

1336

01:01:05,349 --> 01:01:03,359

scientists where you say this so you're

1337

01:01:06,870 --> 01:01:05,359

telling me life is everywhere you're

1338

01:01:09,510 --> 01:01:06,880

telling me you believe life is

1339

01:01:12,069 --> 01:01:09,520

everywhere a pretty common position by

1340

01:01:13,510 --> 01:01:12,079

scientists now by the way

1341

01:01:15,990 --> 01:01:13,520

and you're telling me earth has only

1342

01:01:18,950 --> 01:01:16,000

been here for four billion years but the

1343

01:01:21,510 --> 01:01:18,960

cosmos has been here for almost 14. so

1344

01:01:24,470 --> 01:01:21,520

some of that life has a 10 billion a

1345

01:01:26,630 --> 01:01:24,480

year head start on us give or take

1346

01:01:28,150 --> 01:01:26,640

you're telling me somewhere in there

1347

01:01:30,870 --> 01:01:28,160

there hasn't been

1348

01:01:31,990 --> 01:01:30,880

uh advancement and technology so what

1349

01:01:33,910 --> 01:01:32,000

you're really telling me is you don't

1350

01:01:35,750 --> 01:01:33,920

believe in evolution you think evolution

1351

01:01:37,829 --> 01:01:35,760

only happens here

1352

01:01:40,309 --> 01:01:37,839

because if life is prevalent across the

1353

01:01:41,829 --> 01:01:40,319

cosmos and most of that life had a

1354

01:01:44,150 --> 01:01:41,839

pretty good head start on us because

1355

01:01:46,549 --> 01:01:44,160

we've only been around in human form for

1356

01:01:49,270 --> 01:01:46,559

half a million years yes uh

1357

01:01:51,910 --> 01:01:49,280

it's a really you start getting to the

1358

01:01:54,150 --> 01:01:51,920

point where you start checking boxes on

1359

01:01:57,109 --> 01:01:54,160

the drake equation right and you get to

1360

01:01:58,789 --> 01:01:57,119

the end of that box and you go

1361

01:02:02,150 --> 01:01:58,799

they're probably everywhere they're

1362

01:02:05,029 --> 01:02:02,160

probably more advanced than us and if so

1363

01:02:07,190 --> 01:02:05,039

we send probes everywhere at minimum

1364

01:02:09,270 --> 01:02:07,200

even without warp drive even without the

1365

01:02:11,109 --> 01:02:09,280

most exotic of propulsion

1366

01:02:13,510 --> 01:02:11,119

there are definitely probes here

1367

01:02:15,990 --> 01:02:13,520

checking us out or there is no life

1368

01:02:17,829 --> 01:02:16,000

anywhere we're living in a simulation

1369

01:02:19,349 --> 01:02:17,839

because there's really the option or

1370

01:02:21,670 --> 01:02:19,359

there is a god

1371

01:02:23,750 --> 01:02:21,680

he or she built this crazy cosmos and

1372

01:02:26,470 --> 01:02:23,760

just put us in it because if this

1373

01:02:28,630 --> 01:02:26,480

universe operates on the natural laws if

1374

01:02:30,950 --> 01:02:28,640

we look at other star system we see we

1375

01:02:33,109 --> 01:02:30,960

saw a planet we see planets with water

1376

01:02:34,950 --> 01:02:33,119

in the atmosphere the material that

1377

01:02:37,190 --> 01:02:34,960

we're all made of is so common the

1378

01:02:39,910 --> 01:02:37,200

material our solar system is so common

1379

01:02:42,230 --> 01:02:39,920

across the cosmos there's almost no

1380

01:02:45,510 --> 01:02:42,240

scientific argument against life in the

1381

01:02:47,829 --> 01:02:45,520

cosmos anymore no there isn't and and to

1382

01:02:51,109 --> 01:02:47,839

think you know with that 10 billion year

1383

01:02:52,789 --> 01:02:51,119

jump start where we here on this planet

1384

01:02:54,309 --> 01:02:52,799

i've got to take a break in 15 seconds

1385

01:02:56,390 --> 01:02:54,319

that on this planet that we've done

1386

01:02:57,670 --> 01:02:56,400

great things that we've been to the moon

1387

01:02:59,430 --> 01:02:57,680

and and

1388

01:03:01,750 --> 01:02:59,440

and we have been milking that

1389

01:03:04,069 --> 01:03:01,760

achievement for a long time by the way

1390

01:03:06,870 --> 01:03:04,079

going to the moon when you look at the

1391

01:03:09,190 --> 01:03:06,880

universe i mean that to me to aliens to

1392

01:03:10,789 --> 01:03:09,200

et that kind of achievement

1393

01:03:13,349 --> 01:03:10,799

that's like uh

1394

01:03:15,589 --> 01:03:13,359

going out to your driveway and opening

1395

01:03:17,190 --> 01:03:15,599

up the trunk of your car

1396

01:03:18,710 --> 01:03:17,200

that's the achievement we've done we

1397

01:03:22,150 --> 01:03:18,720

haven't we haven't done anything

1398

01:03:24,549 --> 01:03:22,160

spectacular not yet and e.t

1399

01:03:26,630 --> 01:03:24,559

is way out in front of us and there's a

1400

01:03:28,150 --> 01:03:26,640

lot of it out there let's take our break

1401

01:03:29,829 --> 01:03:28,160

right here our guest tonight the one and

1402

01:03:32,069 --> 01:03:29,839

only chris

1403

01:03:34,630 --> 01:03:32,079

we're gonna talk science when we come

1404

01:03:36,390 --> 01:03:34,640

back and uh this is the deal

1405

01:03:40,549 --> 01:03:36,400

if i learn

1406

01:03:42,630 --> 01:03:40,559

you learn that's just how it works

1407

01:03:44,150 --> 01:03:42,640

on the game changer and on x networks

1408

01:03:45,510 --> 01:03:44,160

i'm your host jimmy church this is fade

1409

01:03:50,720 --> 01:03:45,520

to black stay with us we'll be right

1410

01:04:09,670 --> 01:04:04,090

[Music]

1411

01:04:15,350 --> 01:04:11,829

this is fade to black with jimmy church

1412

01:04:16,870 --> 01:04:15,360

on the game changer radio network

1413

01:04:19,270 --> 01:04:16,880

[Music]

1414

01:04:22,710 --> 01:04:19,280

your 1 million gigawatt paranormal

1415

01:04:26,230 --> 01:04:22,720

powerhouse kumx db

1416

01:04:31,430 --> 01:04:28,069

this is billy carson with forbidden

1417

01:04:33,349 --> 01:04:31,440

knowledge dot tv forbidden knowledge tv

1418

01:04:36,549 --> 01:04:33,359

has just reached its one year

1419

01:04:38,789 --> 01:04:36,559

anniversary that's right one year and as

1420

01:04:41,589 --> 01:04:38,799

a show of appreciation we are giving all

1421

01:04:44,710 --> 01:04:41,599

new subscribers a free 30-day trial of

1422

01:04:47,829 --> 01:04:44,720

forbidden knowledge dot tv that's 30

1423

01:04:50,390 --> 01:04:47,839

days to binge watch thousands of movies

1424

01:04:53,349 --> 01:04:50,400

documentaries conferences workshops

1425

01:04:55,990 --> 01:04:53,359

lectures yoga classes meditation courses

1426  
01:04:58,309 --> 01:04:56,000  
and so much more so log on to forbidden

1427  
01:05:00,470 --> 01:04:58,319  
knowledge dot tv from your computer or

1428  
01:05:05,109 --> 01:05:00,480  
mobile device or get the forbidden

1429  
01:05:08,150 --> 01:05:05,119  
knowledge tv app on apple tv roku amazon

1430  
01:05:11,750 --> 01:05:08,160  
itunes or google play today and use

1431  
01:05:14,230 --> 01:05:11,760  
coupon code 30 days free that's coupon

1432  
01:05:19,109 --> 01:05:14,240  
code 30 days free on forbidden knowledge

1433  
01:05:23,349 --> 01:05:21,190  
because you never got that pony you

1434  
01:05:25,029 --> 01:05:23,359  
always wanted

1435  
01:05:27,349 --> 01:05:25,039  
damn it

1436  
01:05:31,990 --> 01:05:27,359  
jimmy church and fade to black on the

1437  
01:05:37,589 --> 01:05:35,190  
listen i know and you know that you've

1438  
01:05:39,829 --> 01:05:37,599

always wanted your first crystal skull

1439

01:05:41,990 --> 01:05:39,839

or maybe you're a collector just like me

1440

01:05:43,829 --> 01:05:42,000

but you just don't know where to go to

1441

01:05:45,829 --> 01:05:43,839

find the real thing

1442

01:05:48,470 --> 01:05:45,839

then i met carolyn ford over at

1443

01:05:50,870 --> 01:05:48,480

einsteinthecrystalskull.com

1444

01:05:52,870 --> 01:05:50,880

carolyn is the guardian of einstein one

1445

01:05:55,349 --> 01:05:52,880

of the most respected ancient crystal

1446

01:05:57,190 --> 01:05:55,359

skulls in the world all of her unique

1447

01:05:59,510 --> 01:05:57,200

skulls have been imprinted sitting with

1448

01:06:01,510 --> 01:05:59,520

einstein in his sacred lodge and are

1449

01:06:04,230 --> 01:06:01,520

carved from the finest gemstone and

1450

01:06:06,230 --> 01:06:04,240

materials imprinting is the process of

1451

01:06:09,829 --> 01:06:06,240

receiving the ancient wisdom from the

1452

01:06:12,309 --> 01:06:09,839

master skull or master computer einstein

1453

01:06:14,069 --> 01:06:12,319

the ancient crystal skull to see

1454

01:06:16,710 --> 01:06:14,079

carolyn's current collection of crystal

1455

01:06:19,029 --> 01:06:16,720

skulls just visit her store at einstein

1456

01:06:21,510 --> 01:06:19,039

the crystal crystalskull.com or click on

1457

01:06:24,069 --> 01:06:21,520

the banner over on our site don't forget

1458

01:06:27,029 --> 01:06:24,079

to use the promo code jimmy at checkout

1459

01:06:29,990 --> 01:06:27,039

to receive 10 off of your order today

1460

01:06:32,870 --> 01:06:30,000

that's promo code jimmy finding your

1461

01:06:37,990 --> 01:06:32,880

first or next crystal skull is easy just

1462

01:06:42,789 --> 01:06:40,150

when you take the beans from central

1463

01:06:45,190 --> 01:06:42,799

america with dashes of indonesian and

1464

01:06:48,309 --> 01:06:45,200

african mixed in and then roasted to the

1465

01:06:50,870 --> 01:06:48,319

dark side of fade to black you create

1466

01:06:53,829 --> 01:06:50,880

the ultimate brew of fringe

1467

01:06:57,109 --> 01:06:53,839

introducing the fade to black blend from

1468

01:06:59,910 --> 01:06:57,119

river moon coffee yes river moon's

1469

01:07:02,710 --> 01:06:59,920

darkest customized roast was created for

1470

01:07:05,349 --> 01:07:02,720

the love of fade to black

1471

01:07:07,910 --> 01:07:05,359

the alchemy of masterful roasting and

1472

01:07:11,510 --> 01:07:07,920

smoking the beans is in every sip of

1473

01:07:14,470 --> 01:07:11,520

this full-bodied dark java i need my

1474

01:07:16,710 --> 01:07:14,480

coffee doc deep with distinct

1475

01:07:19,430 --> 01:07:16,720

bittersweet chocolate highlights just

1476

01:07:22,069 --> 01:07:19,440

like the bunker leaning further into the

1477

01:07:25,190 --> 01:07:22,079

darkness of the roast is fade to black

1478

01:07:27,349 --> 01:07:25,200

blend from river moon coffee just click

1479

01:07:31,029 --> 01:07:27,359

on the banner at jimmychurchradio.com

1480

01:07:32,760 --> 01:07:31,039

and use the promo code f2b blend for 15

1481

01:07:35,829 --> 01:07:32,770

off of your order today

1482

01:07:40,630 --> 01:07:35,839

[Music]

1483

01:07:44,390 --> 01:07:42,549

hi this is ray sobs here repping the

1484

01:07:48,950 --> 01:07:44,400

planet and you're listening to my good

1485

01:07:51,190 --> 01:07:48,960

friend jimmy church fade to black

1486

01:07:53,270 --> 01:07:51,200

this is toby kebble you're listening to

1487

01:07:56,230 --> 01:07:53,280

jimmychurchradio.com

1488

01:07:58,549 --> 01:07:56,240

don't hurt me jimmy i'm only little hey

1489

01:08:03,750 --> 01:07:58,559

i'm adrian grenier and this is ari gold

1490

01:08:07,750 --> 01:08:05,670

hey i'm adrienne grenier and i'm ari

1491

01:08:09,990 --> 01:08:07,760

gold we're the honey brothers

1492

01:08:11,589 --> 01:08:10,000

and you're listening to jimmy church a

1493

01:08:13,270 --> 01:08:11,599

revolution

1494

01:08:15,190 --> 01:08:13,280

this is jimmy churchill fade to black

1495

01:08:17,510 --> 01:08:15,200

and you can become an official fate or

1496

01:08:18,470 --> 01:08:17,520

not by just going to our membership

1497

01:08:21,829 --> 01:08:18,480

section

1498

01:08:26,149 --> 01:08:23,829

hello this is serena wright taylor from

1499

01:08:28,550 --> 01:08:26,159

conscious life expo and you're listening

1500

01:08:30,870 --> 01:08:28,560

to fade to black with jimmy church who

1501  
01:08:34,470 --> 01:08:30,880  
holds the lucky pony record for the best

1502  
01:08:36,309 --> 01:08:34,480  
astrological chart since 1963. true

1503  
01:08:37,990 --> 01:08:36,319  
story

1504  
01:08:39,669 --> 01:08:38,000  
this is micah hanks of the ghrelian

1505  
01:08:41,610 --> 01:08:39,679  
report and you're listening to jimmy

1506  
01:08:57,820 --> 01:08:41,620  
church on fade to black

1507  
01:09:04,950 --> 01:09:03,189  
[Music]

1508  
01:09:06,950 --> 01:09:04,960  
welcome back faded black our guest

1509  
01:09:09,030 --> 01:09:06,960  
tonight chris plain head science writer

1510  
01:09:12,149 --> 01:09:09,040  
over at the debrief

1511  
01:09:16,709 --> 01:09:15,430  
this is the deal oh oh oh oh before we

1512  
01:09:18,550 --> 01:09:16,719  
move on

1513  
01:09:20,950 --> 01:09:18,560

i was gonna save this for tomorrow night

1514

01:09:23,030 --> 01:09:20,960

but it's over in the chat room right now

1515

01:09:25,189 --> 01:09:23,040

uh i'm glad you're sitting down chris

1516

01:09:26,789 --> 01:09:25,199

check this out tomorrow

1517

01:09:29,430 --> 01:09:26,799

linda moulton howe

1518

01:09:30,630 --> 01:09:29,440

wow 80 years old

1519

01:09:32,149 --> 01:09:30,640

wow

1520

01:09:36,309 --> 01:09:32,159

right

1521

01:09:37,910 --> 01:09:36,319

80 years old and uh i'm gonna be with

1522

01:09:39,430 --> 01:09:37,920

linda in a couple of weeks over at uh

1523

01:09:41,430 --> 01:09:39,440

the conscious life expo we're doing a

1524

01:09:43,669 --> 01:09:41,440

bunch of events together and and she's

1525

01:09:46,709 --> 01:09:43,679

one of the best and i just did a movie

1526

01:09:49,590 --> 01:09:46,719

with her uh and it was it was awesome

1527

01:09:51,269 --> 01:09:49,600

and but uh i she's somebody i know

1528

01:09:53,990 --> 01:09:51,279

pretty well we do a lot of hanging out

1529

01:09:56,470 --> 01:09:54,000

and a lot of uh a lot of uh uh

1530

01:09:58,950 --> 01:09:56,480

information sharing and conversations

1531

01:10:02,149 --> 01:09:58,960

she is

1532

01:10:03,430 --> 01:10:02,159

she ain't 80. i'll just say that i i i

1533

01:10:04,550 --> 01:10:03,440

that is

1534

01:10:07,910 --> 01:10:04,560

what you know

1535

01:10:09,189 --> 01:10:07,920

um obviously 80 is the new 40 apparently

1536

01:10:11,750 --> 01:10:09,199

but uh

1537

01:10:14,149 --> 01:10:11,760

so yeah linda mullen how 80 years old uh

1538

01:10:15,990 --> 01:10:14,159

tomorrow so this is the coolest thing

1539

01:10:18,310 --> 01:10:16,000

about the jimmy church show the micah

1540

01:10:21,270 --> 01:10:18,320

hanks program these ones i listen to is

1541

01:10:23,590 --> 01:10:21,280

you guys are here before 2017

1542

01:10:25,910 --> 01:10:23,600

so and i got no problem with people that

1543

01:10:28,149 --> 01:10:25,920

have come on since news became big no

1544

01:10:29,510 --> 01:10:28,159

problem but the people like you that

1545

01:10:31,590 --> 01:10:29,520

have been there through that arc you

1546

01:10:33,350 --> 01:10:31,600

know i was always this guy i would see

1547

01:10:34,229 --> 01:10:33,360

it on tv i would hear it on coast to

1548

01:10:36,390 --> 01:10:34,239

coast

1549

01:10:38,229 --> 01:10:36,400

i would play with it on the internet but

1550

01:10:40,070 --> 01:10:38,239

these were people i didn't know these

1551  
01:10:42,149 --> 01:10:40,080  
were people and meanwhile when i talked

1552  
01:10:43,590 --> 01:10:42,159  
to micah hanks and i can mention you

1553  
01:10:45,590 --> 01:10:43,600  
know it doesn't matter i can mention

1554  
01:10:47,590 --> 01:10:45,600  
stanton friedman he'll go oh yeah you

1555  
01:10:49,430 --> 01:10:47,600  
know stan i have lunch with him but

1556  
01:10:51,990 --> 01:10:49,440  
linda molten how he go i was in a crop

1557  
01:10:54,149 --> 01:10:52,000  
circle cattle mutilation thing whatever

1558  
01:10:56,149 --> 01:10:54,159  
you know boom like right to these people

1559  
01:10:59,189 --> 01:10:56,159  
it doesn't matter bud hopkins oh yeah

1560  
01:11:01,990 --> 01:10:59,199  
bud whitley streamer it doesn't matter

1561  
01:11:04,149 --> 01:11:02,000  
and that's amazing because

1562  
01:11:05,669 --> 01:11:04,159  
there was this this community of people

1563  
01:11:07,990 --> 01:11:05,679

holding the torch you know keeping the

1564

01:11:10,310 --> 01:11:08,000

flame going from the end of blue book

1565

01:11:12,470 --> 01:11:10,320

forward really i mean you talk about the

1566

01:11:15,270 --> 01:11:12,480

invisible college it really was

1567

01:11:17,510 --> 01:11:15,280

yeah this these two components of people

1568

01:11:19,189 --> 01:11:17,520

within the military industrial complex

1569

01:11:20,630 --> 01:11:19,199

continuing to go

1570

01:11:21,910 --> 01:11:20,640

things are flying around we don't know

1571

01:11:23,430 --> 01:11:21,920

what they are and they're doing stuff we

1572

01:11:25,510 --> 01:11:23,440

don't know how it works

1573

01:11:27,510 --> 01:11:25,520

that was always the work in the

1574

01:11:29,270 --> 01:11:27,520

background there was the intellectuals

1575

01:11:31,590 --> 01:11:29,280

the actual invisible college they call

1576

01:11:33,590 --> 01:11:31,600

it looking at it scientifically but

1577

01:11:35,590 --> 01:11:33,600

there was these people brave and out on

1578

01:11:36,390 --> 01:11:35,600

the front lines there were people doing

1579

01:11:38,470 --> 01:11:36,400

these

1580

01:11:39,910 --> 01:11:38,480

you know george nori and art bell and

1581

01:11:41,750 --> 01:11:39,920

these sort of people that were out there

1582

01:11:43,189 --> 01:11:41,760

lyndon will now these people that were

1583

01:11:44,870 --> 01:11:43,199

were either talking about it

1584

01:11:47,350 --> 01:11:44,880

broadcasting about it or actually

1585

01:11:49,510 --> 01:11:47,360

researching it that carried that through

1586

01:11:51,830 --> 01:11:49,520

the dark times and now

1587

01:11:53,270 --> 01:11:51,840

when we're in a place that feels i tell

1588

01:11:55,669 --> 01:11:53,280

people this all the time one of the

1589

01:11:57,990 --> 01:11:55,679

benefits of age one of the benefits of

1590

01:11:59,990 --> 01:11:58,000

living through

1591

01:12:02,070 --> 01:12:00,000

philip corso's book coming out in real

1592

01:12:04,149 --> 01:12:02,080

time bob lazar's book coming out in real

1593

01:12:07,510 --> 01:12:04,159

time that first whitley strieber

1594

01:12:09,750 --> 01:12:07,520

communion coming out in real time and

1595

01:12:11,430 --> 01:12:09,760

living through those moments in history

1596

01:12:13,669 --> 01:12:11,440

gives you a perspective and my

1597

01:12:14,669 --> 01:12:13,679

perspective within that is

1598

01:12:17,270 --> 01:12:14,679

this is

1599

01:12:21,990 --> 01:12:17,280

unprecedented these last four years are

1600

01:12:24,630 --> 01:12:22,000

like nothing in any of that 50 50 48

1601

01:12:27,110 --> 01:12:24,640

years i lived before now yeah okay i

1602

01:12:29,830 --> 01:12:27,120

would say 5 000 years

1603

01:12:32,070 --> 01:12:29,840

right and and here and i'm you know it's

1604

01:12:34,149 --> 01:12:32,080

funny you say all of that because

1605

01:12:35,189 --> 01:12:34,159

i'm still a fan boy

1606

01:12:37,750 --> 01:12:35,199

and

1607

01:12:40,470 --> 01:12:37,760

i don't uh

1608

01:12:42,470 --> 01:12:40,480

i don't know how my phone

1609

01:12:44,310 --> 01:12:42,480

if uh you ever get the chance chris come

1610

01:12:46,310 --> 01:12:44,320

on over to the house just hang out with

1611

01:12:48,550 --> 01:12:46,320

me for six or eight hours

1612

01:12:51,590 --> 01:12:48,560

and and watch my phone

1613

01:12:54,390 --> 01:12:51,600

and and and and see who and and

1614

01:12:55,350 --> 01:12:54,400

the i'm i'm still a fan boy

1615

01:12:56,630 --> 01:12:55,360

and

1616

01:12:58,709 --> 01:12:56,640

these

1617

01:13:01,990 --> 01:12:58,719

people that i grew up with

1618

01:13:04,149 --> 01:13:02,000

right are calling me asking me questions

1619

01:13:05,990 --> 01:13:04,159

so wait a minute wait a minute wait a

1620

01:13:07,910 --> 01:13:06,000

minute here

1621

01:13:10,070 --> 01:13:07,920

it's supposed to be the other way around

1622

01:13:13,430 --> 01:13:10,080

and and i have not lost sight of it man

1623

01:13:15,990 --> 01:13:13,440

i am completely humbled uh by

1624

01:13:17,910 --> 01:13:16,000

by all of that it's but for me to be

1625

01:13:20,229 --> 01:13:17,920

able to reach out yeah and and have

1626

01:13:22,950 --> 01:13:20,239

these conversations uh is just

1627

01:13:24,310 --> 01:13:22,960

extraordinary to me uh and i i'll never

1628

01:13:27,030 --> 01:13:24,320

get over it

1629

01:13:29,270 --> 01:13:27,040

every time every time that uh

1630

01:13:32,149 --> 01:13:29,280

uh they're on this show or we have a

1631

01:13:34,709 --> 01:13:32,159

conversation i'm still thinking into the

1632

01:13:35,750 --> 01:13:34,719

back don't lose don't lose your shite

1633

01:13:38,630 --> 01:13:35,760

church

1634

01:13:40,229 --> 01:13:38,640

you got to be professional here

1635

01:13:43,030 --> 01:13:40,239

but i'm just as humbled i'm just as

1636

01:13:44,310 --> 01:13:43,040

humbled now now here's the thing

1637

01:13:46,630 --> 01:13:44,320

um

1638

01:13:47,830 --> 01:13:46,640

talking about science

1639

01:13:50,550 --> 01:13:47,840

and

1640

01:13:52,790 --> 01:13:50,560

getting into these subjects

1641

01:13:55,669 --> 01:13:52,800

when you're a writer

1642

01:13:57,830 --> 01:13:55,679

uh uh writing about these subjects you

1643

01:14:00,550 --> 01:13:57,840

have to be

1644

01:14:02,950 --> 01:14:00,560

as correct as you can be as your

1645

01:14:05,189 --> 01:14:02,960

research allows these days you're not

1646

01:14:07,110 --> 01:14:05,199

allowed mistakes right that's true i

1647

01:14:09,910 --> 01:14:07,120

texted you earlier today you only get

1648

01:14:11,990 --> 01:14:09,920

one hall pass right yeah right did i not

1649

01:14:13,669 --> 01:14:12,000

text you that earlier today

1650

01:14:16,550 --> 01:14:13,679

and uh when i was trying to be five

1651  
01:14:18,870 --> 01:14:16,560  
minutes late for a 30-minute green room

1652  
01:14:20,950 --> 01:14:18,880  
hangout that seemed completely pointless

1653  
01:14:22,630 --> 01:14:20,960  
and i gave him two hall passes

1654  
01:14:24,790 --> 01:14:22,640  
but but today you don't you don't get

1655  
01:14:25,750 --> 01:14:24,800  
that hall pass you have to be correct

1656  
01:14:27,350 --> 01:14:25,760  
and

1657  
01:14:29,030 --> 01:14:27,360  
when you are

1658  
01:14:30,470 --> 01:14:29,040  
writing uh

1659  
01:14:35,510 --> 01:14:30,480  
uh

1660  
01:14:36,790 --> 01:14:35,520  
you know a half a million a million

1661  
01:14:38,790 --> 01:14:36,800  
clicks on it

1662  
01:14:41,750 --> 01:14:38,800  
you are exposed to people that are out

1663  
01:14:44,229 --> 01:14:41,760

there to also

1664

01:14:45,590 --> 01:14:44,239

bust your bubble come at you and check

1665

01:14:49,110 --> 01:14:45,600

your facts

1666

01:14:51,590 --> 01:14:49,120

and so let's start right here

1667

01:14:55,350 --> 01:14:51,600

a warp bubble

1668

01:14:58,709 --> 01:14:55,360

just that right there opens the door

1669

01:15:00,870 --> 01:14:58,719

to some amazing science is some heavily

1670

01:15:03,350 --> 01:15:00,880

researched subjects

1671

01:15:06,390 --> 01:15:03,360

by individuals that have

1672

01:15:10,070 --> 01:15:06,400

10 15 20 years of professional

1673

01:15:12,149 --> 01:15:10,080

uh education behind them and research

1674

01:15:15,189 --> 01:15:12,159

and now you're going to choose to write

1675

01:15:17,669 --> 01:15:15,199

about it as the head science writer yeah

1676

01:15:19,910 --> 01:15:17,679

a layman yeah you've got veritable like

1677

01:15:22,149 --> 01:15:19,920

my degree is in political science which

1678

01:15:24,709 --> 01:15:22,159

has nothing to do with the

1679

01:15:25,830 --> 01:15:24,719

actual site right right right yeah and

1680

01:15:27,669 --> 01:15:25,840

so

1681

01:15:29,590 --> 01:15:27,679

i'm going to start right there

1682

01:15:31,750 --> 01:15:29,600

yeah what's your definition of award

1683

01:15:33,510 --> 01:15:31,760

whether intentionally or not jimmy by

1684

01:15:35,830 --> 01:15:33,520

bringing up the warp bubble story which

1685

01:15:38,470 --> 01:15:35,840

is my biggest red story at the debrief

1686

01:15:41,430 --> 01:15:38,480

uh it gets to the heart of exactly what

1687

01:15:43,950 --> 01:15:41,440

you're talking about on two levels first

1688

01:15:46,229 --> 01:15:43,960

of all yes

1689

01:15:47,590 --> 01:15:46,239

understanding the science like the

1690

01:15:51,030 --> 01:15:47,600

ability

1691

01:15:53,910 --> 01:15:51,040

to to read a research paper that is

1692

01:15:55,830 --> 01:15:53,920

heavy in physics heavy in chemistry

1693

01:15:57,510 --> 01:15:55,840

heavy in the science that i'm writing

1694

01:15:59,910 --> 01:15:57,520

about a lot of cognitive science

1695

01:16:01,110 --> 01:15:59,920

material things like that i write about

1696

01:16:03,669 --> 01:16:01,120

really

1697

01:16:06,149 --> 01:16:03,679

is just born out of a lifetime of

1698

01:16:08,149 --> 01:16:06,159

interest just born out of being somebody

1699

01:16:11,030 --> 01:16:08,159

who read sites you know when i got hired

1700

01:16:14,070 --> 01:16:11,040

at the debrief i said i go to phys.org

1701

01:16:16,790 --> 01:16:14,080

and archive.org for fun like i read this

1702

01:16:19,910 --> 01:16:16,800

stuff because i'm curious about it i

1703

01:16:21,750 --> 01:16:19,920

don't have any fantastical education or

1704

01:16:24,470 --> 01:16:21,760

amazing intellect i just have an

1705

01:16:27,350 --> 01:16:24,480

excellent a high level of curiosity

1706

01:16:30,470 --> 01:16:27,360

about science and a breadth of reading

1707

01:16:32,550 --> 01:16:30,480

material that an auto didact level of

1708

01:16:34,709 --> 01:16:32,560

information that when i talk to

1709

01:16:36,390 --> 01:16:34,719

scientists they can tell i at least

1710

01:16:38,870 --> 01:16:36,400

understand what they're trying to tell

1711

01:16:41,110 --> 01:16:38,880

me so if i don't understand what they're

1712

01:16:43,750 --> 01:16:41,120

actually telling me we share enough

1713

01:16:46,390 --> 01:16:43,760

vocabulary and we share enough ability

1714

01:16:48,709 --> 01:16:46,400

that they can get me there

1715

01:16:51,350 --> 01:16:48,719

so in the case of the warp bubble story

1716

01:16:53,669 --> 01:16:51,360

that's an amazing story

1717

01:16:56,149 --> 01:16:53,679

i have written about a separate story

1718

01:16:59,030 --> 01:16:56,159

about how twitter

1719

01:17:01,270 --> 01:16:59,040

is the perfect place to not put

1720

01:17:03,669 --> 01:17:01,280

disinformation where facebook is great

1721

01:17:06,310 --> 01:17:03,679

for disinformation because the groups

1722

01:17:08,630 --> 01:17:06,320

are so much more curated where facebook

1723

01:17:10,470 --> 01:17:08,640

or twitter is so much more open that if

1724

01:17:12,310 --> 01:17:10,480

you put up something that's wrong people

1725

01:17:15,189 --> 01:17:12,320

will shoot you down that's right that's

1726

01:17:17,590 --> 01:17:15,199

right so here comes my warp bubble story

1727

01:17:20,630 --> 01:17:17,600

and without rehashing the whole history

1728

01:17:23,350 --> 01:17:20,640

of it i spent months and months working

1729

01:17:25,270 --> 01:17:23,360

on that story i interviewed multiple

1730

01:17:27,430 --> 01:17:25,280

people scientists i had outside

1731

01:17:29,189 --> 01:17:27,440

scientists looking at the research

1732

01:17:31,189 --> 01:17:29,199

confirming because i knew if i'm going

1733

01:17:33,750 --> 01:17:31,199

to publish a headline that says

1734

01:17:35,990 --> 01:17:33,760

scientist creates first warp bubble in a

1735

01:17:39,189 --> 01:17:36,000

lab that that is probably going to go

1736

01:17:41,430 --> 01:17:39,199

beyond my typical 50 000 viewer type of

1737

01:17:43,910 --> 01:17:41,440

article my everyday article right i know

1738

01:17:46,870 --> 01:17:43,920

this is the type of story that has the

1739

01:17:49,669 --> 01:17:46,880

chances to go to factors of that so

1740

01:17:52,390 --> 01:17:49,679

i know i have something here and the

1741

01:17:54,790 --> 01:17:52,400

person that is behind this story

1742

01:17:56,630 --> 01:17:54,800

is sunny harold sunny white

1743

01:17:59,350 --> 01:17:56,640

one of the warp drive pioneers who

1744

01:18:01,270 --> 01:17:59,360

worked at nasa created eagle works

1745

01:18:03,590 --> 01:18:01,280

brought all of that research with him

1746

01:18:06,950 --> 01:18:03,600

from nasa the only nasa scientist to

1747

01:18:09,350 --> 01:18:06,960

work on uh to have had a project on warp

1748

01:18:12,149 --> 01:18:09,360

drive while at nasa

1749

01:18:15,830 --> 01:18:12,159

and in his private lab while doing

1750

01:18:18,070 --> 01:18:15,840

research for the pentagon on completely

1751

01:18:20,550 --> 01:18:18,080

something else completely

1752

01:18:23,350 --> 01:18:20,560

they saw what they believe in their

1753

01:18:26,229 --> 01:18:23,360

research was a warp bubble

1754

01:18:28,149 --> 01:18:26,239

i misunderstood him i thought they had

1755

01:18:31,030 --> 01:18:28,159

physically created now

1756

01:18:32,709 --> 01:18:31,040

in his mind the difference is technical

1757

01:18:34,229 --> 01:18:32,719

that they have laid the blueprint this

1758

01:18:36,470 --> 01:18:34,239

is how you build it and they're probably

1759

01:18:38,070 --> 01:18:36,480

gonna build it but to me i took it as

1760

01:18:40,229 --> 01:18:38,080

that so it's interesting you brought up

1761

01:18:42,390 --> 01:18:40,239

about getting facts right because of the

1762

01:18:44,310 --> 01:18:42,400

probably 200 plus articles i've written

1763

01:18:46,550 --> 01:18:44,320

at the debrief over the last year a

1764

01:18:48,950 --> 01:18:46,560

little over a year

1765

01:18:51,350 --> 01:18:48,960

i've had maybe six or seven

1766

01:18:54,149 --> 01:18:51,360

where a fact is wrong and i will get an

1767

01:18:57,590 --> 01:18:54,159

email or a text message and it's almost

1768

01:18:58,470 --> 01:18:57,600

always the misspelling of someone's name

1769

01:19:05,590 --> 01:18:58,480

or

1770

01:19:06,870 --> 01:19:05,600

know like you read my my book bio from a

1771

01:19:08,790 --> 01:19:06,880

year ago when

1772

01:19:10,229 --> 01:19:08,800

titan was supposed to come out last year

1773

01:19:12,390 --> 01:19:10,239

but he started working at the debris if

1774

01:19:13,830 --> 01:19:12,400

it got put off to this year so i'm we're

1775

01:19:15,910 --> 01:19:13,840

sometimes just working with old

1776

01:19:19,030 --> 01:19:15,920

information but on this one

1777

01:19:20,790 --> 01:19:19,040

i had a a critical point that the story

1778

01:19:22,950 --> 01:19:20,800

was still the story but this critical

1779

01:19:24,229 --> 01:19:22,960

point was off right

1780

01:19:27,430 --> 01:19:24,239

so

1781

01:19:29,910 --> 01:19:27,440

i put the story out we have this amazing

1782

01:19:32,390 --> 01:19:29,920

reaction right it's taking off i'm

1783

01:19:34,709 --> 01:19:32,400

getting text updates from tim mcmillan

1784

01:19:36,390 --> 01:19:34,719

on how many viewers are on the site and

1785

01:19:38,630 --> 01:19:36,400

our web guys going

1786

01:19:41,590 --> 01:19:38,640

this story's exploding chrissy newton

1787

01:19:43,830 --> 01:19:41,600

our pr host is reaching out to me saying

1788

01:19:47,189 --> 01:19:43,840

i'm getting contacted by media people

1789

01:19:50,390 --> 01:19:47,199

want to talk about this warp bubble

1790

01:19:53,350 --> 01:19:50,400

what happens is on twitter

1791

01:19:55,590 --> 01:19:53,360

along with the enthusiasm is this small

1792

01:19:58,149 --> 01:19:55,600

but

1793

01:19:59,990 --> 01:19:58,159

well educated group

1794

01:20:03,030 --> 01:20:00,000

when you look at their profiles that are

1795

01:20:05,110 --> 01:20:03,040

coming on going this is not how i read

1796

01:20:07,669 --> 01:20:05,120

this research right i'm looking at

1797

01:20:09,189 --> 01:20:07,679

chris's article and i see they've laid

1798

01:20:11,189 --> 01:20:09,199

the blueprint for a wart bubble what

1799

01:20:13,270 --> 01:20:11,199

they think is the word bubble and sunny

1800

01:20:15,590 --> 01:20:13,280

white knows the word bubble but they

1801

01:20:18,550 --> 01:20:15,600

haven't created this thing in the lab

1802

01:20:20,550 --> 01:20:18,560

yet right they have laid the foundation

1803

01:20:22,870 --> 01:20:20,560

for it to sonny the difference as he

1804

01:20:25,110 --> 01:20:22,880

told me was semantics but as a news

1805

01:20:27,110 --> 01:20:25,120

reporter putting a headline based on

1806

01:20:28,790 --> 01:20:27,120

what he told me in interviews and that

1807

01:20:31,350 --> 01:20:28,800

you know when i reached back to him he

1808

01:20:33,350 --> 01:20:31,360

you know said okay yes i probably

1809

01:20:35,110 --> 01:20:33,360

you know there was a misunderstanding of

1810

01:20:37,590 --> 01:20:35,120

what analog means and again it's a

1811

01:20:39,910 --> 01:20:37,600

perfect example by not being educated

1812

01:20:42,470 --> 01:20:39,920

formally in science i didn't know that

1813

01:20:44,629 --> 01:20:42,480

that term was used a certain way so when

1814

01:20:47,110 --> 01:20:44,639

i congratulated him on an analog he says

1815

01:20:49,430 --> 01:20:47,120

no we haven't created an analog we have

1816

01:20:51,270 --> 01:20:49,440

created a real-life warp bubble albeit a

1817

01:20:55,030 --> 01:20:51,280

tiny one but we have created a warp

1818

01:20:57,350 --> 01:20:55,040

bubble that quote opens my story right

1819

01:20:59,669 --> 01:20:57,360

we have created a wart bubble so that's

1820

01:21:02,229 --> 01:20:59,679

my headline as it turns out they have

1821

01:21:04,550 --> 01:21:02,239

created the blueprint for one yes and

1822

01:21:06,550 --> 01:21:04,560

when i say congratulations on an analog

1823

01:21:08,390 --> 01:21:06,560

analog is something they do use in

1824

01:21:09,910 --> 01:21:08,400

science like an analog of a black hole

1825

01:21:12,070 --> 01:21:09,920

in the lab because if you create a real

1826

01:21:13,910 --> 01:21:12,080

black hole it'll suck up the whole lab

1827

01:21:16,149 --> 01:21:13,920

right so they have to create what's

1828

01:21:17,189 --> 01:21:16,159

called an analog so they're just a minor

1829

01:21:19,750 --> 01:21:17,199

difference

1830

01:21:21,750 --> 01:21:19,760

my lack of formal education specifically

1831

01:21:22,870 --> 01:21:21,760

in that area

1832

01:21:33,830 --> 01:21:22,880

and

1833

01:21:36,390 --> 01:21:33,840

wrong sort of twitter stuff but i would

1834

01:21:38,310 --> 01:21:36,400

get dms because my dms are always open

1835

01:21:41,030 --> 01:21:38,320

at plane fiction

1836

01:21:43,110 --> 01:21:41,040

and uh at plane underscore fiction sorry

1837

01:21:45,830 --> 01:21:43,120

at plain underscore fiction on twitter

1838

01:21:48,149 --> 01:21:45,840

so i get dms from scientists within a

1839

01:21:49,669 --> 01:21:48,159

very quick amount of time saying hey

1840

01:21:52,229 --> 01:21:49,679

chris you know

1841

01:21:54,550 --> 01:21:52,239

this is a mistake this one segment of

1842

01:21:56,629 --> 01:21:54,560

your story is not right

1843

01:21:58,310 --> 01:21:56,639

so i reach out to sunny after a lot of

1844

01:22:00,790 --> 01:21:58,320

back and forth we correct the story i

1845

01:22:02,390 --> 01:22:00,800

did a full interview on it on the ucr

1846

01:22:04,709 --> 01:22:02,400

the singularity lab their their

1847

01:22:08,550 --> 01:22:04,719

collateral show and i i gave the whole

1848

01:22:10,709 --> 01:22:08,560

backstory to it but yeah that is

1849

01:22:13,270 --> 01:22:10,719

while i'm proud of the fact that i read

1850

01:22:15,110 --> 01:22:13,280

these complex i mean there are times i

1851  
01:22:17,110 --> 01:22:15,120  
walk out to my wife and i've been in the

1852  
01:22:18,950 --> 01:22:17,120  
office all day and there's smoke coming

1853  
01:22:20,790 --> 01:22:18,960  
out of my ears and i go

1854  
01:22:23,110 --> 01:22:20,800  
i've been reading about this study on

1855  
01:22:24,950 --> 01:22:23,120  
the martian meteorite and i don't know

1856  
01:22:27,030 --> 01:22:24,960  
what they're saying i don't know what th

1857  
01:22:29,430 --> 01:22:27,040  
and sometimes i go back in and i'm i'm

1858  
01:22:30,950 --> 01:22:29,440  
googling individual words going what

1859  
01:22:34,470 --> 01:22:30,960  
does that mean

1860  
01:22:37,030 --> 01:22:34,480  
but by the time i put a story out

1861  
01:22:38,229 --> 01:22:37,040  
i feel like i understand it that i know

1862  
01:22:40,070 --> 01:22:38,239  
what they're talking about they know

1863  
01:22:42,550 --> 01:22:40,080

what the researchers have found whether

1864

01:22:44,790 --> 01:22:42,560

it's uh the gateway to consciousness

1865

01:22:47,030 --> 01:22:44,800

which is something i wrote about whether

1866

01:22:49,669 --> 01:22:47,040

it's how psychedelics can help with

1867

01:22:52,470 --> 01:22:49,679

depression or whether it's a wart bubble

1868

01:22:55,270 --> 01:22:52,480

i feel like i know the subject i've

1869

01:22:57,430 --> 01:22:55,280

digested a lot of information about it i

1870

01:22:59,910 --> 01:22:57,440

read the studies i read

1871

01:23:01,830 --> 01:22:59,920

analysis i read all kinds of information

1872

01:23:03,270 --> 01:23:01,840

listen watch videos listen to these

1873

01:23:05,270 --> 01:23:03,280

people sometimes

1874

01:23:08,310 --> 01:23:05,280

and try and put that in a

1875

01:23:10,790 --> 01:23:08,320

800 word to 1200 word blurred that my

1876

01:23:11,669 --> 01:23:10,800

audience can get and that they can read

1877

01:23:12,709 --> 01:23:11,679

and go

1878

01:23:15,030 --> 01:23:12,719

okay

1879

01:23:17,990 --> 01:23:15,040

this new cancer treatment is giving

1880

01:23:19,910 --> 01:23:18,000

people night vision and now i know why i

1881

01:23:22,550 --> 01:23:19,920

don't need a chemistry degree or a

1882

01:23:23,830 --> 01:23:22,560

cognitive science degree i just know

1883

01:23:25,430 --> 01:23:23,840

that this thing's kicking these little

1884

01:23:27,350 --> 01:23:25,440

proteins off in the eye that are making

1885

01:23:28,550 --> 01:23:27,360

it more active and people are seeing at

1886

01:23:31,270 --> 01:23:28,560

night when they get this cancer

1887

01:23:33,510 --> 01:23:31,280

treatment now and and uh by the way i

1888

01:23:36,310 --> 01:23:33,520

was about 10 of those clicks on the warp

1889

01:23:38,870 --> 01:23:36,320

bubble uh article fantastic and i also

1890

01:23:41,910 --> 01:23:38,880

um i'm going to stay right here though

1891

01:23:46,790 --> 01:23:41,920

um i also watched

1892

01:23:48,470 --> 01:23:46,800

how viral the story went throughout uh

1893

01:23:49,430 --> 01:23:48,480

all of the other media outlets around

1894

01:23:52,390 --> 01:23:49,440

the world

1895

01:23:55,189 --> 01:23:52,400

and and that was the headline right

1896

01:23:58,390 --> 01:23:55,199

scientist creates warp drive yeah

1897

01:24:00,709 --> 01:23:58,400

it was right and it is it clickbait

1898

01:24:03,110 --> 01:24:00,719

i don't i i don't consider it that and

1899

01:24:07,990 --> 01:24:03,120

this is my question

1900

01:24:10,149 --> 01:24:08,000

is that once you put out that idea

1901

01:24:12,149 --> 01:24:10,159

to other physicists and to other

1902

01:24:13,510 --> 01:24:12,159

scientists out there with an article

1903

01:24:16,229 --> 01:24:13,520

like this

1904

01:24:18,070 --> 01:24:16,239

and they can go back and not only read

1905

01:24:19,669 --> 01:24:18,080

the article but think about their own

1906

01:24:22,709 --> 01:24:19,679

current research

1907

01:24:25,830 --> 01:24:22,719

suddenly we've got everybody considering

1908

01:24:27,590 --> 01:24:25,840

uh warp drives warp bubbles and

1909

01:24:30,629 --> 01:24:27,600

considerations for alternative

1910

01:24:34,310 --> 01:24:30,639

propulsion systems and that's how you

1911

01:24:37,189 --> 01:24:34,320

start with the german of an idea which

1912

01:24:39,110 --> 01:24:37,199

is what this article presupposes

1913

01:24:43,750 --> 01:24:39,120

i think

1914

01:24:46,070 --> 01:24:43,760

i'll disagree with you on is because i

1915

01:24:48,390 --> 01:24:46,080

got it wrong it ended up functioning as

1916

01:24:50,550 --> 01:24:48,400

clickbait yeah and ended up functioning

1917

01:24:52,950 --> 01:24:50,560

as and i think that's a critical point

1918

01:24:54,790 --> 01:24:52,960

that it functions people going hey look

1919

01:24:56,550 --> 01:24:54,800

scientists built a warp warp ship and

1920

01:24:58,470 --> 01:24:56,560

they clicked on it and they found out

1921

01:25:00,149 --> 01:24:58,480

about the blueprint the guy had built

1922

01:25:02,229 --> 01:25:00,159

for a warp you know here's the here's

1923

01:25:04,070 --> 01:25:02,239

the plan to build one that would

1924

01:25:05,750 --> 01:25:04,080

actually work and testable it was still

1925

01:25:07,590 --> 01:25:05,760

a critical step and something i could

1926

01:25:08,950 --> 01:25:07,600

have written an entire

1927

01:25:10,310 --> 01:25:08,960

still would have been a great story

1928

01:25:11,669 --> 01:25:10,320

still would have been

1929

01:25:14,229 --> 01:25:11,679

but it would have been a slightly

1930

01:25:16,870 --> 01:25:14,239

modified headline a slightly modified

1931

01:25:18,870 --> 01:25:16,880

but the story was still the story that

1932

01:25:22,390 --> 01:25:18,880

in the science world especially

1933

01:25:25,189 --> 01:25:22,400

alternative propulsion the vast vast

1934

01:25:27,990 --> 01:25:25,199

vast majority of these live purely in

1935

01:25:30,149 --> 01:25:28,000

theory they live in this world of

1936

01:25:32,550 --> 01:25:30,159

formulas and all it would take this much

1937

01:25:35,669 --> 01:25:32,560

exotic matter and this much negative

1938

01:25:36,870 --> 01:25:35,679

energy and x y and z and voila you got a

1939

01:25:39,110 --> 01:25:36,880

warp ship

1940

01:25:41,750 --> 01:25:39,120

here was a guy who had been

1941

01:25:44,550 --> 01:25:41,760

as deep in that theory as anyone had the

1942

01:25:46,709 --> 01:25:44,560

alcubierre white warp drive as miguel

1943

01:25:47,990 --> 01:25:46,719

alcubierre the first mathematician to

1944

01:25:50,950 --> 01:25:48,000

put it together right mexican

1945

01:25:52,550 --> 01:25:50,960

mathematician and sunny harold harold g

1946

01:25:55,030 --> 01:25:52,560

sunny white the alcubierre white

1947

01:25:56,870 --> 01:25:55,040

wardrobe here's a guy as deep in that

1948

01:25:58,550 --> 01:25:56,880

theory as anyone

1949

01:25:59,510 --> 01:25:58,560

and here he is

1950

01:26:02,229 --> 01:25:59,520

saying

1951

01:26:03,590 --> 01:26:02,239

we have a testable

1952

01:26:06,550 --> 01:26:03,600

buildable

1953

01:26:08,790 --> 01:26:06,560

microscopic scale but a minuscule but

1954

01:26:10,790 --> 01:26:08,800

not microscopic we're talking

1955

01:26:13,910 --> 01:26:10,800

micrometers not nanometers so we're

1956

01:26:17,270 --> 01:26:13,920

talking physically little tiny warp ship

1957

01:26:19,590 --> 01:26:17,280

but a physical thing that we can now yes

1958

01:26:21,350 --> 01:26:19,600

put out to people and say if you have

1959

01:26:23,669 --> 01:26:21,360

the lab if you have the facilities

1960

01:26:26,310 --> 01:26:23,679

because he's still knee-deep in this uh

1961

01:26:28,310 --> 01:26:26,320

you know uh it's not air force research

1962

01:26:30,470 --> 01:26:28,320

labs i forget who's funding him but he's

1963

01:26:32,790 --> 01:26:30,480

still knee-deep in a study and he can't

1964

01:26:35,189 --> 01:26:32,800

jump over and go build this little thing

1965

01:26:37,430 --> 01:26:35,199

but as you're saying

1966

01:26:40,229 --> 01:26:37,440

he's now put out to the world to the

1967

01:26:42,390 --> 01:26:40,239

people that study alternative propulsion

1968

01:26:43,990 --> 01:26:42,400

to those engineers who build these

1969

01:26:46,149 --> 01:26:44,000

testable things

1970

01:26:48,870 --> 01:26:46,159

here's how you make it and he even told

1971

01:26:51,030 --> 01:26:48,880

me here's the 3d printer i would use

1972

01:26:53,430 --> 01:26:51,040

here's the material i would use here's

1973

01:26:56,950 --> 01:26:53,440

the sizes it would be here's the test we

1974

01:26:59,189 --> 01:26:56,960

would run he gave me all of that so

1975

01:27:02,149 --> 01:26:59,199

you know ultimately

1976

01:27:04,070 --> 01:27:02,159

it moved it from theory

1977

01:27:06,950 --> 01:27:04,080

to us you know there's a if you watch

1978

01:27:09,189 --> 01:27:06,960

the big bang theory you had theoretical

1979

01:27:11,270 --> 01:27:09,199

physicists like sheldon who thought of

1980

01:27:13,430 --> 01:27:11,280

crazy ideas and you have applied

1981

01:27:15,110 --> 01:27:13,440

physicists like leonard who figure out

1982

01:27:17,030 --> 01:27:15,120

how to build that and then you have

1983

01:27:19,189 --> 01:27:17,040

engineers like wallace who go and build

1984

01:27:21,669 --> 01:27:19,199

the thing right this is now at the

1985

01:27:22,870 --> 01:27:21,679

applied engineering stage as far as this

1986

01:27:26,709 --> 01:27:22,880

so it's a

1987

01:27:30,070 --> 01:27:26,719

significant quantum leap for warp drives

1988

01:27:31,910 --> 01:27:30,080

but yes it's still function as so

1989

01:27:34,550 --> 01:27:31,920

i don't love the fact that the headline

1990

01:27:36,550 --> 01:27:34,560

was wrong because it's as as one of the

1991

01:27:38,149 --> 01:27:36,560

more successful pieces i've written but

1992

01:27:40,070 --> 01:27:38,159

at the same point super proud of the

1993

01:27:42,870 --> 01:27:40,080

research and i think you're right

1994

01:27:44,629 --> 01:27:42,880

that it now serves as a highway and i

1995

01:27:46,709 --> 01:27:44,639

got a lot of positive feedback from

1996

01:27:49,270 --> 01:27:46,719

scientists who said essentially what

1997

01:27:51,590 --> 01:27:49,280

sonny said which is you took the time to

1998

01:27:53,270 --> 01:27:51,600

try and understand this information and

1999

01:27:54,870 --> 01:27:53,280

conveyed something very critical to

2000

01:27:56,149 --> 01:27:54,880

hundreds of thousands you know if not

2001

01:27:58,070 --> 01:27:56,159

millions of people

2002

01:27:59,750 --> 01:27:58,080

and yeah it was picked up in france it

2003

01:28:01,910 --> 01:27:59,760

was picked up in a bunch of countries

2004

01:28:04,149 --> 01:28:01,920

because it was a big story it was a huge

2005

01:28:07,110 --> 01:28:04,159

story and uh before we get to the break

2006

01:28:09,510 --> 01:28:07,120

we've got about five minutes um is is

2007

01:28:18,470 --> 01:28:11,270

the

2008

01:28:19,910 --> 01:28:18,480

ideas behind that drive

2009

01:28:22,390 --> 01:28:19,920

were unreal

2010

01:28:24,550 --> 01:28:22,400

and the way that he presents it but

2011

01:28:27,350 --> 01:28:24,560

he also i'm going to use the word

2012

01:28:29,830 --> 01:28:27,360

debunked he debunked his own idea when

2013

01:28:32,470 --> 01:28:29,840

he said okay this is all cool

2014

01:28:34,629 --> 01:28:32,480

it's possible but it would take the

2015

01:28:37,270 --> 01:28:34,639

energy of the known universe

2016

01:28:40,310 --> 01:28:37,280

right to to power this thing up and so

2017

01:28:42,550 --> 01:28:40,320

that just killed the drive idea

2018

01:28:45,189 --> 01:28:42,560

and when we look at you know the

2019

01:28:47,030 --> 01:28:45,199

collection of negative matter

2020

01:28:49,590 --> 01:28:47,040

uh that you would need to power these

2021

01:28:51,990 --> 01:28:49,600

drives and open up a wormhole and and

2022

01:28:53,030 --> 01:28:52,000

the ideas behind this

2023

01:28:54,310 --> 01:28:53,040

is that

2024

01:28:55,590 --> 01:28:54,320

we would then

2025

01:28:58,070 --> 01:28:55,600

see

2026

01:28:59,990 --> 01:28:58,080

galaxies disappear

2027

01:29:01,830 --> 01:29:00,000

because they needed the energy from said

2028

01:29:04,390 --> 01:29:01,840

galaxy right

2029

01:29:06,070 --> 01:29:04,400

it can't be that way

2030

01:29:08,709 --> 01:29:06,080

you know what's interesting is how far

2031

01:29:12,070 --> 01:29:08,719

we've okay but let me finish though

2032

01:29:14,550 --> 01:29:12,080

et is able to do this

2033

01:29:17,030 --> 01:29:14,560

in a much more simplistic way

2034

01:29:19,590 --> 01:29:17,040

it's easy for them to do they're not

2035

01:29:20,870 --> 01:29:19,600

burning up a galaxy to put into their

2036

01:29:22,390 --> 01:29:20,880

fuel tank

2037

01:29:23,669 --> 01:29:22,400

there's something else going on don't

2038

01:29:25,750 --> 01:29:23,679

you think

2039

01:29:27,430 --> 01:29:25,760

well you know son i do

2040

01:29:30,310 --> 01:29:27,440

i think there's no doubt and i think

2041

01:29:32,390 --> 01:29:30,320

what's critical here is in the jimmy the

2042

01:29:35,110 --> 01:29:32,400

short amount of time we've come

2043

01:29:37,189 --> 01:29:35,120

from the 1990s when miguel alcubierre

2044

01:29:37,990 --> 01:29:37,199

the mexican physicist wrote this first

2045

01:29:40,229 --> 01:29:38,000

map

2046

01:29:42,229 --> 01:29:40,239

to when sunny white refined it was only

2047

01:29:43,750 --> 01:29:42,239

a decade later in 2005 and when he

2048

01:29:45,430 --> 01:29:43,760

refined that

2049

01:29:46,870 --> 01:29:45,440

he took that negative there was a one

2050

01:29:49,270 --> 01:29:46,880

refinement that had brought the negative

2051  
01:29:51,430 --> 01:29:49,280  
energy down from like a galaxy size to

2052  
01:29:52,950 --> 01:29:51,440  
the size of jupiter right so like all

2053  
01:29:54,550 --> 01:29:52,960  
right here we have this

2054  
01:29:56,950 --> 01:29:54,560  
theoretical matter that we've never

2055  
01:29:59,270 --> 01:29:56,960  
created that's never existed anywhere

2056  
01:30:01,270 --> 01:29:59,280  
and theoretically has this type energy

2057  
01:30:03,350 --> 01:30:01,280  
and if we can create a jupiter amount of

2058  
01:30:05,030 --> 01:30:03,360  
it we can feel our warp drive sunny

2059  
01:30:08,470 --> 01:30:05,040  
white got that down to about the size of

2060  
01:30:11,189 --> 01:30:08,480  
an suv so now that's what the alcubierre

2061  
01:30:14,390 --> 01:30:11,199  
white warp drive refinement and it was

2062  
01:30:16,470 --> 01:30:14,400  
just by changing the shape to a toroid

2063  
01:30:18,149 --> 01:30:16,480

donut shape that they would put it was

2064

01:30:19,830 --> 01:30:18,159

literally just

2065

01:30:21,430 --> 01:30:19,840

calculus that no one had done before

2066

01:30:23,669 --> 01:30:21,440

because nobody was even working on this

2067

01:30:26,709 --> 01:30:23,679

warp drive with any math before

2068

01:30:27,510 --> 01:30:26,719

alcubierre wrote it so yeah i think

2069

01:30:31,750 --> 01:30:27,520

who

2070

01:30:34,229 --> 01:30:31,760

practical one has been made by any

2071

01:30:35,990 --> 01:30:34,239

species anywhere

2072

01:30:37,510 --> 01:30:36,000

i think it's maybe even very possible

2073

01:30:39,750 --> 01:30:37,520

they're using something called a low

2074

01:30:41,270 --> 01:30:39,760

power warp drive which people have

2075

01:30:43,990 --> 01:30:41,280

proposed and i've written a little bit

2076

01:30:46,310 --> 01:30:44,000

about and nasa veteran jacob sarfati has

2077

01:30:48,070 --> 01:30:46,320

talked about and uh

2078

01:30:50,790 --> 01:30:48,080

that may have been the tic tac the tic

2079

01:30:52,629 --> 01:30:50,800

tac may have been a low power warp drive

2080

01:30:54,950 --> 01:30:52,639

who was using that to manipulate and

2081

01:30:57,430 --> 01:30:54,960

that's why i could go from 80 000 feet

2082

01:30:59,669 --> 01:30:57,440

to 50 feet in the flash of an eye

2083

01:31:01,990 --> 01:30:59,679

without exploding the entire ocean

2084

01:31:04,149 --> 01:31:02,000

around it when it released the energy

2085

01:31:06,149 --> 01:31:04,159

needed to go from 80 000 to 50 yeah

2086

01:31:08,470 --> 01:31:06,159

exactly exactly let's take our break

2087

01:31:09,910 --> 01:31:08,480

right here our guest tonight chris plain

2088

01:31:12,229 --> 01:31:09,920

it's going to be one of those shows it's

2089

01:31:14,470 --> 01:31:12,239

already started off that way

2090

01:31:15,990 --> 01:31:14,480

i always learn something

2091

01:31:18,149 --> 01:31:16,000

this is fade to black our guest tonight

2092

01:31:20,229 --> 01:31:18,159

chris plain on the game changer and

2093

01:31:23,400 --> 01:31:20,239

annex networks we'll be right back after

2094

01:31:29,230 --> 01:31:23,410

this short break stay with it

2095

01:31:29,240 --> 01:31:39,750

[Music]

2096

01:31:45,100 --> 01:31:42,950

way out here we listen to jimmy church

2097

01:31:47,750 --> 01:31:45,110

you're listening to fade to black

2098

01:31:49,910 --> 01:31:47,760

[Applause]

2099

01:31:51,430 --> 01:31:49,920

you're listening to jimmy church and

2100

01:31:56,490 --> 01:31:51,440

fade to black

2101  
01:31:56,500 --> 01:32:08,149  
[Applause]

2102  
01:32:13,510 --> 01:32:10,470  
this is jimmy church and i personally

2103  
01:32:16,070 --> 01:32:13,520  
invite you to the 2022 conscious life

2104  
01:32:19,189 --> 01:32:16,080  
expo this february 4th through the 7th

2105  
01:32:21,350 --> 01:32:19,199  
live at the lax hilton in los angeles

2106  
01:32:23,990 --> 01:32:21,360  
california this year we have the most

2107  
01:32:27,350 --> 01:32:24,000  
exciting speakers including whitley

2108  
01:32:30,550 --> 01:32:27,360  
strieber adam apollo billy carson daryl

2109  
01:32:33,510 --> 01:32:30,560  
inca and bashar william henry caroline

2110  
01:32:36,390 --> 01:32:33,520  
corey susan slaughter danien brinkley

2111  
01:32:39,350 --> 01:32:36,400  
j.j and desiree hurtok sarah bressman

2112  
01:32:41,510 --> 01:32:39,360  
cosme george nori gail thackeray and

2113  
01:32:43,830 --> 01:32:41,520

many many more i will be hosting all

2114

01:32:46,149 --> 01:32:43,840

weekend long including the keynote

2115

01:32:48,229 --> 01:32:46,159

ancient secrets panel on friday night

2116

01:32:50,149 --> 01:32:48,239

five vendor and exhibit halls three

2117

01:32:52,790 --> 01:32:50,159

floors of speakers panels and

2118

01:32:54,870 --> 01:32:52,800

celebration this is the biggest event of

2119

01:32:57,229 --> 01:32:54,880

the year and early bird passes are

2120

01:32:59,350 --> 01:32:57,239

available now just go to

2121

01:33:01,189 --> 01:32:59,360

consciouslifeexpo.com for the schedule

2122

01:33:04,149 --> 01:33:01,199

speakers and information that's

2123

01:33:06,229 --> 01:33:04,159

consciouslifeexpo.com

2124

01:33:08,950 --> 01:33:06,239

do you want to be an official fate or

2125

01:33:11,189 --> 01:33:08,960

not of course you do this is jimmy

2126

01:33:12,390 --> 01:33:11,199

churchill fade to black just go to our

2127

01:33:14,950 --> 01:33:12,400

membership section at

2128

01:33:16,870 --> 01:33:14,960

jimmychurchradio.com

2129

01:33:18,709 --> 01:33:16,880

vader knots when you think about the

2130

01:33:20,629 --> 01:33:18,719

future of our country and where we're

2131

01:33:23,669 --> 01:33:20,639

headed do you wonder about the food

2132

01:33:25,910 --> 01:33:23,679

supply i do disruptions in the food

2133

01:33:28,629 --> 01:33:25,920

supply chain could be disastrous and

2134

01:33:30,629 --> 01:33:28,639

they usually occur with little warning

2135

01:33:33,669 --> 01:33:30,639

that's why the smartest thing you can do

2136

01:33:36,629 --> 01:33:33,679

today is to stockpile emergency food

2137

01:33:39,430 --> 01:33:36,639

water and other essentials i personally

2138

01:33:41,750 --> 01:33:39,440

recommend my patriot supply they're the

2139

01:33:44,310 --> 01:33:41,760

nation's largest emergency preparedness

2140

01:33:46,790 --> 01:33:44,320

company serving millions of customers

2141

01:33:49,430 --> 01:33:46,800

for more than a decade in fact they're

2142

01:33:52,310 --> 01:33:49,440

the only source my family trusts for our

2143

01:33:54,870 --> 01:33:52,320

preparedness plan you should too

2144

01:33:57,110 --> 01:33:54,880

right now save twenty percent off a full

2145

01:33:59,750 --> 01:33:57,120

four week supply of delicious meals that

2146

01:34:01,910 --> 01:33:59,760

provide two thousand calories a day

2147

01:34:05,229 --> 01:34:01,920

saving twenty percent helps too doesn't

2148

01:34:07,510 --> 01:34:05,239

it especially now so go to

2149

01:34:10,790 --> 01:34:07,520

preparewithjimmy.com and get ready

2150

01:34:12,070 --> 01:34:10,800

that's prepare with jimmy.com there's no

2151  
01:34:14,629 --> 01:34:12,080  
time to lose

2152  
01:34:17,669 --> 01:34:14,639  
do it now

2153  
01:34:19,910 --> 01:34:17,679  
so you love talk radio then you'll love

2154  
01:34:23,030 --> 01:34:19,920  
talkstreamlive.com

2155  
01:34:25,270 --> 01:34:23,040  
talk stream live is always on 24 7 with

2156  
01:34:27,189 --> 01:34:25,280  
the best streaming talk shows find your

2157  
01:34:30,070 --> 01:34:27,199  
favorite talkers and discover some new

2158  
01:34:32,149 --> 01:34:30,080  
ones it's free readily available online

2159  
01:34:34,229 --> 01:34:32,159  
or on mobile with any smartphone or

2160  
01:34:36,790 --> 01:34:34,239  
tablet finding your favorite talk shows

2161  
01:34:38,590 --> 01:34:36,800  
all in one place has gotten a whole lot

2162  
01:34:40,709 --> 01:34:38,600  
easier just go to

2163  
01:34:42,950 --> 01:34:40,719

talkstreamlive.com be sure to download

2164

01:34:44,830 --> 01:34:42,960

the free apps from google play or the

2165

01:34:48,229 --> 01:34:44,840

itunes app

2166

01:34:49,109 --> 01:34:48,239

store you listen to us and we listen to

2167

01:34:51,050 --> 01:34:49,119

you

2168

01:34:54,070 --> 01:34:51,060

and so does the cia

2169

01:34:59,109 --> 01:34:54,080

[Music]

2170

01:35:05,990 --> 01:35:01,189

you are listening to fate to black with

2171

01:35:11,430 --> 01:35:08,470

hi i'm rhys evans you're listening to

2172

01:35:14,229 --> 01:35:11,440

jimmy church this is revolution the

2173

01:35:17,510 --> 01:35:14,239

revolution will not be televised the

2174

01:35:22,200 --> 01:35:17,520

revolution is on radio

2175

01:36:00,390 --> 01:35:51,340

[Music]

2176  
01:36:03,990 --> 01:36:02,310  
welcome back fade to black i am your

2177  
01:36:05,109 --> 01:36:04,000  
host jimmy church tonight our guest

2178  
01:36:07,750 --> 01:36:05,119  
chris plain

2179  
01:36:09,669 --> 01:36:07,760  
and uh yes he is the head science writer

2180  
01:36:11,510 --> 01:36:09,679  
over at the debrief

2181  
01:36:14,070 --> 01:36:11,520  
gonna be talking science all night long

2182  
01:36:18,950 --> 01:36:14,080  
but before we get there

2183  
01:36:21,270 --> 01:36:18,960  
um i was uh chris i'm a huge fan uh

2184  
01:36:22,149 --> 01:36:21,280  
i haven't been in in many many years but

2185  
01:36:26,070 --> 01:36:22,159  
uh

2186  
01:36:28,709 --> 01:36:26,080  
comedy sports here in los angeles oh

2187  
01:36:30,950 --> 01:36:28,719  
yeah okay now um and one of the things

2188  
01:36:33,350 --> 01:36:30,960

the audience participation right and

2189

01:36:34,550 --> 01:36:33,360

they would say uh

2190

01:36:36,229 --> 01:36:34,560

i'm gonna put you on the spot here in a

2191

01:36:38,149 --> 01:36:36,239

second but they would say okay

2192

01:36:40,310 --> 01:36:38,159

give us a word and somebody would shout

2193

01:36:41,590 --> 01:36:40,320

out cantaloupe right and then boom the

2194

01:36:43,910 --> 01:36:41,600

next thing you know

2195

01:36:45,990 --> 01:36:43,920

and uh the best stuff ever i just love

2196

01:36:47,189 --> 01:36:46,000

those shows so yeah so that someone

2197

01:36:49,030 --> 01:36:47,199

would yeah and then they would do a

2198

01:36:51,430 --> 01:36:49,040

whole scene about cantaloupe right and

2199

01:36:53,669 --> 01:36:51,440

if you had really talented sketch

2200

01:36:56,070 --> 01:36:53,679

comedians they would do something about

2201

01:36:57,830 --> 01:36:56,080

we we have to have a wedding

2202

01:36:59,750 --> 01:36:57,840

because if my whole family isn't there

2203

01:37:00,950 --> 01:36:59,760

so we can't elope and then they would

2204

01:37:02,629 --> 01:37:00,960

take your thing and screw with it and

2205

01:37:03,669 --> 01:37:02,639

take it all differently it was awesome

2206

01:37:07,189 --> 01:37:03,679

yeah

2207

01:37:08,790 --> 01:37:07,199

and uh now so i'm gonna throw out uh

2208

01:37:10,709 --> 01:37:08,800

something to you and i want your

2209

01:37:16,709 --> 01:37:10,719

reaction

2210

01:37:23,350 --> 01:37:19,109

perfect yeah yeah

2211

01:37:29,030 --> 01:37:26,709

dehydrated so what you're telling me is

2212

01:37:31,590 --> 01:37:29,040

somebody sat around and said all right

2213

01:37:34,470 --> 01:37:31,600

we already have the worst tasting food

2214

01:37:36,950 --> 01:37:34,480

on the planet and seaweed but we

2215

01:37:39,830 --> 01:37:36,960

somehow people seem to keep eating it

2216

01:37:41,270 --> 01:37:39,840

and we need to find a way to drive those

2217

01:37:45,350 --> 01:37:41,280

last few

2218

01:37:47,510 --> 01:37:45,360

die hard spirulina eaters away yes so

2219

01:37:49,430 --> 01:37:47,520

what we will do is we will just take the

2220

01:37:53,590 --> 01:37:49,440

water out of it completely let's see

2221

01:37:58,629 --> 01:37:55,830

americans will buy anything let's do

2222

01:38:00,310 --> 01:37:58,639

dehydrated seaweed

2223

01:38:01,830 --> 01:38:00,320

okay so anyway

2224

01:38:04,790 --> 01:38:01,840

uh there's a reason for that and i'll

2225

01:38:07,910 --> 01:38:04,800

tell you later after the show um now uh

2226

01:38:09,990 --> 01:38:07,920

you brought up a jack sarfati's name uh

2227

01:38:11,830 --> 01:38:10,000

uh before the break

2228

01:38:15,189 --> 01:38:11,840

and uh

2229

01:38:17,990 --> 01:38:15,199

uh okay so have you had jack on uh we've

2230

01:38:20,709 --> 01:38:18,000

talked about it many times actually

2231

01:38:24,229 --> 01:38:20,719

um okay you know i think i'm taking over

2232

01:38:25,990 --> 01:38:24,239

the interview and talking on top of you

2233

01:38:27,350 --> 01:38:26,000

with him that's all i'll tell you what

2234

01:38:29,430 --> 01:38:27,360

you know you know

2235

01:38:32,229 --> 01:38:29,440

oh he based me with that guy

2236

01:38:34,470 --> 01:38:32,239

the thing is uh

2237

01:38:35,430 --> 01:38:34,480

the thing is about jack

2238

01:38:36,709 --> 01:38:35,440

is

2239

01:38:38,229 --> 01:38:36,719

uh

2240

01:38:49,590 --> 01:38:38,239

take

2241

01:38:51,189 --> 01:38:49,600

and what you are left with

2242

01:38:53,590 --> 01:38:51,199

is

2243

01:38:55,669 --> 01:38:53,600

thinking outside of the box that needs

2244

01:38:57,350 --> 01:38:55,679

to be there in the world of physics

2245

01:38:59,270 --> 01:38:57,360

there's too much in the world of physics

2246

01:39:00,870 --> 01:38:59,280

that is inside of the box where they

2247

01:39:03,990 --> 01:39:00,880

don't want to take chances or have

2248

01:39:06,310 --> 01:39:04,000

conversations or uh maybe

2249

01:39:09,189 --> 01:39:06,320

uh go against the grain of

2250

01:39:10,950 --> 01:39:09,199

of an einstein right and and wait a

2251

01:39:12,470 --> 01:39:10,960

minute here you can't do that well you

2252

01:39:14,310 --> 01:39:12,480

know what you need to think sometimes

2253

01:39:16,950 --> 01:39:14,320

out of the box and that's what jack

2254

01:39:20,070 --> 01:39:16,960

sarfati brings to the table

2255

01:39:21,990 --> 01:39:20,080

he's um he's as crazy and as nutty as

2256

01:39:23,910 --> 01:39:22,000

squirrel poop there's no question about

2257

01:39:25,510 --> 01:39:23,920

that but we need

2258

01:39:28,629 --> 01:39:25,520

jack sarfati's

2259

01:39:31,350 --> 01:39:28,639

uh to be in the world of physics um now

2260

01:39:33,830 --> 01:39:31,360

and and so

2261

01:39:36,550 --> 01:39:33,840

the jacks are bodies of the world and we

2262

01:39:39,030 --> 01:39:36,560

start talking about annie grav

2263

01:39:40,390 --> 01:39:39,040

and anti-gravity and that technology

2264

01:39:42,310 --> 01:39:40,400

which we're going to get into the apec

2265

01:39:43,550 --> 01:39:42,320

conference in just a second

2266

01:39:45,109 --> 01:39:43,560

is that

2267

01:39:49,990 --> 01:39:45,119

anti-gravity

2268

01:39:51,030 --> 01:39:50,000

has to be the leading researched uh

2269

01:39:53,350 --> 01:39:51,040

area

2270

01:39:54,390 --> 01:39:53,360

of all of the black projects that's the

2271

01:39:56,709 --> 01:39:54,400

holy grail

2272

01:39:59,350 --> 01:39:56,719

how much of it have they achieved well

2273

01:40:01,510 --> 01:39:59,360

china just says they've developed a

2274

01:40:03,590 --> 01:40:01,520

an anti-grav room

2275

01:40:05,910 --> 01:40:03,600

for lunar exploration so they can get

2276

01:40:11,590 --> 01:40:05,920

their astronauts in there and and they

2277

01:40:15,109 --> 01:40:12,470

so

2278

01:40:17,189 --> 01:40:15,119

but but this has to be research that is

2279

01:40:19,830 --> 01:40:17,199

going on right now

2280

01:40:22,950 --> 01:40:19,840

and the one that crosses the finish line

2281

01:40:24,950 --> 01:40:22,960

first is the winner uh of of of all

2282

01:40:27,510 --> 01:40:24,960

right okay so

2283

01:40:30,390 --> 01:40:27,520

now that's when we pull jack sarfati in

2284

01:40:32,870 --> 01:40:30,400

and some of his things and and and his

2285

01:40:35,750 --> 01:40:32,880

his friends i should say too as well

2286

01:40:39,189 --> 01:40:35,760

um and the apec conference

2287

01:40:41,590 --> 01:40:39,199

anti-gravity is is the holy grail in in

2288

01:40:43,990 --> 01:40:41,600

in most circles isn't it

2289

01:40:45,990 --> 01:40:44,000

there's no doubt about it let me i will

2290

01:40:47,189 --> 01:40:46,000

tell you when it comes to jack sarfati

2291

01:40:49,830 --> 01:40:47,199

and people like him but jack in

2292

01:40:51,830 --> 01:40:49,840

particular here's my take and i'll make

2293

01:40:53,270 --> 01:40:51,840

it quick before we go into apec here you

2294

01:40:55,590 --> 01:40:53,280

know i'm going to get an email before

2295

01:40:57,109 --> 01:40:55,600

the end of the show it is highly

2296

01:40:59,990 --> 01:40:57,119

possible

2297

01:41:01,990 --> 01:41:00,000

that jack knows something that everybody

2298

01:41:02,790 --> 01:41:02,000

else doesn't i agree now i'm not saying

2299

01:41:04,629 --> 01:41:02,800

it's

2300

01:41:06,790 --> 01:41:04,639

likely or unlikely but it is highly

2301  
01:41:08,629 --> 01:41:06,800  
possible yeah and here's the thing with

2302  
01:41:11,030 --> 01:41:08,639  
jack

2303  
01:41:13,109 --> 01:41:11,040  
i've heard him in these discussions i'm

2304  
01:41:13,990 --> 01:41:13,119  
in an email chain i'm in that same

2305  
01:41:15,590 --> 01:41:14,000  
meeting

2306  
01:41:17,830 --> 01:41:15,600  
yeah i'm with you i'm in that channel

2307  
01:41:20,149 --> 01:41:17,840  
see him arguing with other scientists at

2308  
01:41:21,910 --> 01:41:20,159  
times you can see deepak chopra in there

2309  
01:41:24,070 --> 01:41:21,920  
arguing whatever you know you get these

2310  
01:41:25,590 --> 01:41:24,080  
guys in there arguing

2311  
01:41:27,750 --> 01:41:25,600  
i've had the opportunity to speak to

2312  
01:41:30,229 --> 01:41:27,760  
jack i've had the opportunity

2313  
01:41:34,709 --> 01:41:32,470

talk to him at a conference for about an

2314

01:41:37,109 --> 01:41:34,719

hour face to face

2315

01:41:40,310 --> 01:41:37,119

digitally face to face

2316

01:41:42,790 --> 01:41:40,320

and no matter who you bring up that that

2317

01:41:45,109 --> 01:41:42,800

you can say well here's this expert

2318

01:41:47,669 --> 01:41:45,119

that i trust jack

2319

01:41:51,030 --> 01:41:47,679

and they're not sure about your science

2320

01:41:53,270 --> 01:41:51,040

they just don't he can tell you why he

2321

01:41:55,669 --> 01:41:53,280

will say well i'm an expert in this this

2322

01:41:57,750 --> 01:41:55,679

and this they specialize in this this

2323

01:42:00,470 --> 01:41:57,760

and this and what he tells you if you

2324

01:42:03,030 --> 01:42:00,480

saw that guy's a astrophysicist and i'm

2325

01:42:05,910 --> 01:42:03,040

a dynamic quantum astrophysicist with

2326

01:42:07,990 --> 01:42:05,920

the side of chips you go okay

2327

01:42:11,189 --> 01:42:08,000

the part he said about this other guy is

2328

01:42:14,390 --> 01:42:11,199

true he he does know and scientists are

2329

01:42:16,470 --> 01:42:14,400

so siloed into expertise especially at

2330

01:42:18,950 --> 01:42:16,480

those very high levels

2331

01:42:20,709 --> 01:42:18,960

that it's all as somebody as i explained

2332

01:42:22,950 --> 01:42:20,719

earlier attempting to

2333

01:42:25,590 --> 01:42:22,960

come from a layman's point with the

2334

01:42:27,910 --> 01:42:25,600

breadth of interest and communicate to

2335

01:42:31,510 --> 01:42:27,920

people that are operating in some cases

2336

01:42:36,870 --> 01:42:34,390

oh you just dropped oh no

2337

01:42:38,790 --> 01:42:36,880

no no no

2338

01:42:41,270 --> 01:42:38,800

okay oh you're back you're back you

2339

01:42:42,390 --> 01:42:41,280

dropped for a second

2340

01:42:44,070 --> 01:42:42,400

yeah so

2341

01:42:44,950 --> 01:42:44,080

it's possible

2342

01:42:47,590 --> 01:42:44,960

jack

2343

01:42:49,990 --> 01:42:47,600

high level

2344

01:42:52,950 --> 01:42:50,000

it is possible that he

2345

01:42:54,790 --> 01:42:52,960

is seeing something and understanding

2346

01:42:56,550 --> 01:42:54,800

something because i can tell you when

2347

01:42:58,790 --> 01:42:56,560

you talk to him

2348

01:43:00,550 --> 01:42:58,800

he believes what he's saying you know in

2349

01:43:03,189 --> 01:43:00,560

this business you've been doing way

2350

01:43:05,750 --> 01:43:03,199

longer than i am jimmy you you see the

2351

01:43:07,990 --> 01:43:05,760

guy with the authentic you know oil made

2352

01:43:10,070 --> 01:43:08,000

from the best snakes we used to say when

2353

01:43:12,229 --> 01:43:10,080

i was growing up right this is oil but

2354

01:43:14,229 --> 01:43:12,239

it's made from the best snakes you can

2355

01:43:15,109 --> 01:43:14,239

spot these guys selling hokum a mile

2356

01:43:17,189 --> 01:43:15,119

away

2357

01:43:19,350 --> 01:43:17,199

this guy truly believes it and he's

2358

01:43:21,189 --> 01:43:19,360

smart enough and specialized enough that

2359

01:43:23,510 --> 01:43:21,199

as high up that ladder as i've climbed

2360

01:43:25,430 --> 01:43:23,520

to try and understand these guys up here

2361

01:43:28,149 --> 01:43:25,440

and these women that operate up here and

2362

01:43:30,950 --> 01:43:28,159

there's a lot about

2363

01:43:33,910 --> 01:43:30,960

jack is operating in such a high level

2364

01:43:35,750 --> 01:43:33,920

in such a specialized understanding

2365

01:43:38,390 --> 01:43:35,760

that it is altogether possible that he

2366

01:43:41,750 --> 01:43:38,400

is losing his mind in his 80s to the

2367

01:43:43,990 --> 01:43:41,760

fact that he sees the answer clearly he

2368

01:43:48,149 --> 01:43:44,000

will tell you here's what it is here's

2369

01:43:50,229 --> 01:43:48,159

the formulas and the government or darpa

2370

01:43:53,189 --> 01:43:50,239

or these sort of people just aren't

2371

01:43:57,350 --> 01:43:53,199

putting the money into him

2372

01:44:01,910 --> 01:43:59,990

dropped again i'm okay

2373

01:44:03,510 --> 01:44:01,920

what is going on yeah something's going

2374

01:44:04,790 --> 01:44:03,520

on with my internet it must be something

2375

01:44:06,790 --> 01:44:04,800

going on

2376

01:44:09,109 --> 01:44:06,800

but let me say this

2377

01:44:10,229 --> 01:44:09,119

um uh and then i want to get back to

2378

01:44:11,990 --> 01:44:10,239

annie graff

2379

01:44:13,270 --> 01:44:12,000

um last

2380

01:44:14,629 --> 01:44:13,280

summer

2381

01:44:15,669 --> 01:44:14,639

somewhere in there

2382

01:44:17,510 --> 01:44:15,679

uh

2383

01:44:20,790 --> 01:44:17,520

part of this group that you and i are a

2384

01:44:22,790 --> 01:44:20,800

part of right and yeah so it happens

2385

01:44:25,590 --> 01:44:22,800

daily uh you know you get flooded with

2386

01:44:27,430 --> 01:44:25,600

these uh algorithms and math that i

2387

01:44:30,229 --> 01:44:27,440

clearly don't understand

2388

01:44:32,229 --> 01:44:30,239

and and and these conversations and i

2389

01:44:34,390 --> 01:44:32,239

and so i wrote jack

2390

01:44:39,270 --> 01:44:34,400

and i said uh hey jack

2391

01:44:42,310 --> 01:44:39,280

do i have your permission to send this

2392

01:44:43,510 --> 01:44:42,320

to a physicist and he goes absolutely go

2393

01:44:46,229 --> 01:44:43,520

i said okay

2394

01:44:49,030 --> 01:44:46,239

so i took this stuff

2395

01:44:51,590 --> 01:44:49,040

and i sent it out to three different

2396

01:44:53,270 --> 01:44:51,600

physicists at three different

2397

01:44:54,310 --> 01:44:53,280

universities

2398

01:44:56,390 --> 01:44:54,320

of

2399

01:44:59,510 --> 01:44:56,400

let's say top five in the country you

2400

01:45:01,270 --> 01:44:59,520

know all their names right sure so um

2401  
01:45:03,030 --> 01:45:01,280  
and uh

2402  
01:45:06,229 --> 01:45:03,040  
like my phone rings

2403  
01:45:07,510 --> 01:45:06,239  
and i see who it is i went oh oh crap

2404  
01:45:10,310 --> 01:45:07,520  
okay

2405  
01:45:12,229 --> 01:45:10,320  
and uh i said so uh you got the email

2406  
01:45:13,669 --> 01:45:12,239  
and he said yeah now i didn't tell him

2407  
01:45:16,950 --> 01:45:13,679  
who it was

2408  
01:45:20,870 --> 01:45:16,960  
right i just the email was do you

2409  
01:45:22,310 --> 01:45:20,880  
understand these equations and math

2410  
01:45:23,910 --> 01:45:22,320  
do you understand what's going on here

2411  
01:45:25,750 --> 01:45:23,920  
that's all i wanted to know you know

2412  
01:45:28,870 --> 01:45:25,760  
right because i don't understand what

2413  
01:45:33,750 --> 01:45:28,880

jack is throwing at me either right and

2414

01:45:40,229 --> 01:45:35,750

it looks like jack's our fatty crazy

2415

01:45:43,750 --> 01:45:41,270

wow

2416

01:45:46,870 --> 01:45:43,760

yeah now i never said you know it's jack

2417

01:45:49,270 --> 01:45:46,880

stuff but that was the reply back

2418

01:45:51,590 --> 01:45:49,280

and um

2419

01:45:52,390 --> 01:45:51,600

and i always found that interesting

2420

01:45:55,990 --> 01:45:52,400

and

2421

01:45:58,390 --> 01:45:56,000

uh i'm just gonna leave it right there

2422

01:46:01,189 --> 01:45:58,400

but back to my point

2423

01:46:03,109 --> 01:46:01,199

you need guys like jack

2424

01:46:06,070 --> 01:46:03,119

to stir the pot

2425

01:46:08,709 --> 01:46:06,080

that's it that's that's it you've got to

2426  
01:46:10,950 --> 01:46:08,719  
think outside of the box otherwise we

2427  
01:46:13,350 --> 01:46:10,960  
don't move forward

2428  
01:46:15,830 --> 01:46:13,360  
if every once in a while an ant doesn't

2429  
01:46:17,830 --> 01:46:15,840  
wander away from the colony and find a

2430  
01:46:18,870 --> 01:46:17,840  
new source of food they don't the colony

2431  
01:46:20,950 --> 01:46:18,880  
is due

2432  
01:46:22,149 --> 01:46:20,960  
they die they die

2433  
01:46:24,790 --> 01:46:22,159  
so what have you learned about

2434  
01:46:25,910 --> 01:46:24,800  
anti-gravity how how close are we

2435  
01:46:29,910 --> 01:46:25,920  
so

2436  
01:46:31,189 --> 01:46:29,920  
brought up two completely separate

2437  
01:46:34,149 --> 01:46:31,199  
things in this

2438  
01:46:35,669 --> 01:46:34,159

one is the public face of it and one is

2439

01:46:37,189 --> 01:46:35,679

that secret

2440

01:46:40,470 --> 01:46:37,199

black project

2441

01:46:42,550 --> 01:46:40,480

area that we're not a privy to at least

2442

01:46:43,830 --> 01:46:42,560

guys like you and i are maybe maybe one

2443

01:46:47,510 --> 01:46:43,840

or two of the guys i work with might

2444

01:46:58,149 --> 01:46:52,149

i believe it is very possible

2445

01:47:03,430 --> 01:47:00,790

being tested successfully within dark

2446

01:47:04,470 --> 01:47:03,440

projects now when i say some versions i

2447

01:47:06,669 --> 01:47:04,480

mean

2448

01:47:09,430 --> 01:47:06,679

the science behind

2449

01:47:12,310 --> 01:47:09,440

specifically defeating gravity

2450

01:47:14,229 --> 01:47:12,320

specifically as a natural force not

2451

01:47:16,550 --> 01:47:14,239

you know like you brought up the moon uh

2452

01:47:19,109 --> 01:47:16,560

the the artificial moon that the chinese

2453

01:47:20,790 --> 01:47:19,119

government made in the chinese national

2454

01:47:23,030 --> 01:47:20,800

space administration so i wrote about

2455

01:47:24,550 --> 01:47:23,040

that the other day too and uh yeah

2456

01:47:26,629 --> 01:47:24,560

they're using uh you know something

2457

01:47:28,070 --> 01:47:26,639

that's within the scientific literature

2458

01:47:30,629 --> 01:47:28,080

where if you create the right type of a

2459

01:47:32,790 --> 01:47:30,639

magnetic field you'll align the

2460

01:47:35,350 --> 01:47:32,800

rotation of the molecules and the atoms

2461

01:47:38,629 --> 01:47:35,360

in the ca in the uh frog for instance or

2462

01:47:40,790 --> 01:47:38,639

whatever and you will float it

2463

01:47:43,750 --> 01:47:40,800

i'm talking about a fundamental

2464

01:47:45,910 --> 01:47:43,760

understanding of how gravity works where

2465

01:47:48,550 --> 01:47:45,920

gravity comes from where inertia comes

2466

01:47:51,109 --> 01:47:48,560

from and being able to feed that so on

2467

01:47:52,550 --> 01:47:51,119

the public face that is the question

2468

01:47:54,790 --> 01:47:52,560

there is

2469

01:47:57,350 --> 01:47:54,800

there are mainstream scientists and

2470

01:47:58,550 --> 01:47:57,360

experimenters from all across the

2471

01:48:01,030 --> 01:47:58,560

spectrum

2472

01:48:03,350 --> 01:48:01,040

that are looking into it at a level that

2473

01:48:05,750 --> 01:48:03,360

has never been looked into you know

2474

01:48:08,229 --> 01:48:05,760

sunny white told me about the warp drive

2475

01:48:10,950 --> 01:48:08,239

that there are grad students writing

2476  
01:48:13,510 --> 01:48:10,960  
graduate theses about various ideas and

2477  
01:48:16,149 --> 01:48:13,520  
warp drugs that's how from one scientist

2478  
01:48:18,470 --> 01:48:16,159  
writing about it less than 30 years ago

2479  
01:48:20,790 --> 01:48:18,480  
to across hundreds of universities grad

2480  
01:48:23,830 --> 01:48:20,800  
students the same thing is starting to

2481  
01:48:25,510 --> 01:48:23,840  
trickle up with anti-gravity

2482  
01:48:27,109 --> 01:48:25,520  
my feeling is

2483  
01:48:29,430 --> 01:48:27,119  
anti-gravity

2484  
01:48:31,669 --> 01:48:29,440  
may be much more attainable especially

2485  
01:48:34,310 --> 01:48:31,679  
when i talk to these these practical

2486  
01:48:36,629 --> 01:48:34,320  
hands-on experimenters than something

2487  
01:48:38,390 --> 01:48:36,639  
like warp drive in the short term for us

2488  
01:48:41,750 --> 01:48:38,400

because it really just is that it's a

2489

01:48:44,550 --> 01:48:41,760

fundamental force and finding that key

2490

01:48:46,550 --> 01:48:44,560

to unlock that and to counter that force

2491

01:48:47,590 --> 01:48:46,560

as you and i said jack thinks he's got

2492

01:48:49,910 --> 01:48:47,600

that key

2493

01:48:51,270 --> 01:48:49,920

but i i attended this conference and i

2494

01:48:53,350 --> 01:48:51,280

wrote about it in the middle of the year

2495

01:48:55,669 --> 01:48:53,360

called the apec the alternative

2496

01:48:58,950 --> 01:48:55,679

propulsion engineering conference

2497

01:49:00,709 --> 01:48:58,960

and it grew out of one of those email

2498

01:49:03,030 --> 01:49:00,719

lists you talk about like the one with

2499

01:49:05,109 --> 01:49:03,040

jack sarfati and these these scientists

2500

01:49:05,910 --> 01:49:05,119

that talk behind the scenes with each

2501

01:49:08,390 --> 01:49:05,920

other

2502

01:49:10,709 --> 01:49:08,400

about these more esoteric scientific

2503

01:49:13,589 --> 01:49:10,719

concepts that maybe they can't talk

2504

01:49:16,229 --> 01:49:13,599

about everywhere but with each other in

2505

01:49:18,550 --> 01:49:16,239

this kind of protected environment

2506

01:49:20,390 --> 01:49:18,560

and over time that evolved and when i

2507

01:49:22,390 --> 01:49:20,400

talked to the founder of the conference

2508

01:49:24,950 --> 01:49:22,400

i was writing about him because he was a

2509

01:49:26,709 --> 01:49:24,960

guy trying to build a ufo in his garage

2510

01:49:28,950 --> 01:49:26,719

and i said nothing more interesting for

2511

01:49:32,629 --> 01:49:28,960

my audience than a guy who's in his

2512

01:49:34,629 --> 01:49:32,639

garage who says i'm building a ufo right

2513

01:49:36,950 --> 01:49:34,639

i said hey how am i not going to cover

2514

01:49:38,870 --> 01:49:36,960

that and he's got full-time funding and

2515

01:49:41,750 --> 01:49:38,880

someone who's paid for a lab for him to

2516

01:49:43,270 --> 01:49:41,760

do it and it's not a family member so i

2517

01:49:45,430 --> 01:49:43,280

said all right

2518

01:49:47,910 --> 01:49:45,440

i'm in i start talking to this guy and

2519

01:49:49,430 --> 01:49:47,920

he tells me on the phone he says chris

2520

01:49:51,350 --> 01:49:49,440

he tells me about how it grew out of

2521

01:49:52,950 --> 01:49:51,360

this email list

2522

01:49:55,669 --> 01:49:52,960

and he said

2523

01:49:58,070 --> 01:49:55,679

you know if you go through that list

2524

01:50:00,709 --> 01:49:58,080

half of the guys on that email

2525

01:50:02,790 --> 01:50:00,719

are from darpa they're from the skunk

2526

01:50:05,109 --> 01:50:02,800

works at lockheed martin they're from

2527

01:50:07,189 --> 01:50:05,119

nasa they're from the air force research

2528

01:50:08,070 --> 01:50:07,199

you talk about the places with the real

2529

01:50:10,390 --> 01:50:08,080

money

2530

01:50:13,510 --> 01:50:10,400

who are keeping their eyes

2531

01:50:16,070 --> 01:50:13,520

on theory and practice on what these

2532

01:50:18,790 --> 01:50:16,080

people the experiments they're doing

2533

01:50:20,470 --> 01:50:18,800

the ideas they're sharing and they're in

2534

01:50:22,470 --> 01:50:20,480

there doing the same thing they're

2535

01:50:25,109 --> 01:50:22,480

kicking around ideas they're coming to

2536

01:50:26,390 --> 01:50:25,119

these conferences they had glenn tony

2537

01:50:29,189 --> 01:50:26,400

robertson

2538

01:50:32,470 --> 01:50:29,199

who ran the only anti-gravity

2539

01:50:34,149 --> 01:50:32,480

experiments ever done at nasa and

2540

01:50:36,390 --> 01:50:34,159

there's arguments as to whether or not

2541

01:50:38,070 --> 01:50:36,400

they had results there was some stuff

2542

01:50:39,990 --> 01:50:38,080

that ran after he left that may or may

2543

01:50:41,750 --> 01:50:40,000

not have produced some results but they

2544

01:50:44,070 --> 01:50:41,760

built the benchmark for what a

2545

01:50:45,189 --> 01:50:44,080

mainstream anti-gravity experiment like

2546

01:50:46,870 --> 01:50:45,199

looked like

2547

01:50:49,430 --> 01:50:46,880

so i'm talking this guy who wants to

2548

01:50:51,109 --> 01:50:49,440

build the spacecraft and he says

2549

01:50:53,830 --> 01:50:51,119

we're going to do that test at our

2550

01:50:55,030 --> 01:50:53,840

conference and he tells me about these

2551

01:50:56,950 --> 01:50:55,040

attendees

2552

01:50:59,510 --> 01:50:56,960

i said mark send me the list of the

2553

01:51:01,589 --> 01:50:59,520

attendees and i start checking them out

2554

01:51:03,030 --> 01:51:01,599

i start going through that now i didn't

2555

01:51:05,270 --> 01:51:03,040

remember if you were on there not jimmy

2556

01:51:06,870 --> 01:51:05,280

on that first list i had but i'm going

2557

01:51:08,470 --> 01:51:06,880

through and i'm checking these people

2558

01:51:11,350 --> 01:51:08,480

and i'm googling them and going to their

2559

01:51:13,350 --> 01:51:11,360

linkedin and in many cases emailing

2560

01:51:16,709 --> 01:51:13,360

confirming who they are

2561

01:51:17,669 --> 01:51:16,719

and literally exactly what he said

2562

01:51:20,709 --> 01:51:17,679

half

2563

01:51:23,750 --> 01:51:20,719

of a list of over a hundred names were

2564

01:51:26,070 --> 01:51:23,760

these mainstream people from these

2565

01:51:28,390 --> 01:51:26,080

highly funded military government

2566

01:51:29,750 --> 01:51:28,400

there's no cia in there but he would

2567

01:51:31,350 --> 01:51:29,760

like to point out to me goes hey when

2568

01:51:33,350 --> 01:51:31,360

you see some of these people from these

2569

01:51:35,510 --> 01:51:33,360

private companies or

2570

01:51:37,910 --> 01:51:35,520

other universities

2571

01:51:40,550 --> 01:51:37,920

they could very well be funded by these

2572

01:51:42,550 --> 01:51:40,560

sort of intelligence agencies and stuff

2573

01:51:43,990 --> 01:51:42,560

and they're they're

2574

01:51:46,470 --> 01:51:44,000

do you know looking into what we're

2575

01:51:48,470 --> 01:51:46,480

doing but the ones with the mainstream

2576

01:51:50,070 --> 01:51:48,480

resumes was literally

2577

01:51:51,030 --> 01:51:50,080

actually just a hair over half of the

2578

01:51:52,950 --> 01:51:51,040

names

2579

01:51:54,229 --> 01:51:52,960

the other half a lot of mainstream

2580

01:51:56,229 --> 01:51:54,239

business people people who worked at

2581

01:51:57,589 --> 01:51:56,239

places like spacex and things like like

2582

01:51:59,270 --> 01:51:57,599

really mainstream

2583

01:52:01,750 --> 01:51:59,280

and then there was this group of maybe

2584

01:52:03,830 --> 01:52:01,760

20 or 30 what i would call garage

2585

01:52:06,310 --> 01:52:03,840

tinkerers right guys

2586

01:52:09,589 --> 01:52:06,320

guys who had just enough means just

2587

01:52:11,910 --> 01:52:09,599

enough interest and who preferred

2588

01:52:14,070 --> 01:52:11,920

as mark would tell me mark sokol the guy

2589

01:52:18,470 --> 01:52:14,080

who founded it founder of falcon space

2590

01:52:20,870 --> 01:52:18,480

who founded this apec conference told me

2591

01:52:22,709 --> 01:52:20,880

we i don't care about theory i don't i

2592

01:52:26,070 --> 01:52:22,719

don't understand i'm not a physicist

2593

01:52:27,189 --> 01:52:26,080

it's not my interest i will take the

2594

01:52:33,350 --> 01:52:27,199

the

2595

01:52:35,350 --> 01:52:33,360

here's an anti-gravity experiment

2596

01:52:38,229 --> 01:52:35,360

i will go buy the super conducting

2597

01:52:40,550 --> 01:52:38,239

material i will buy the magnets i will

2598

01:52:42,310 --> 01:52:40,560

build that thing in my shop and i'll

2599

01:52:44,950 --> 01:52:42,320

test it and it'll either produce

2600

01:52:46,550 --> 01:52:44,960

anti-gravity or it doesn't so although

2601  
01:52:48,149 --> 01:52:46,560  
there's a lot of theoretical people that

2602  
01:52:49,109 --> 01:52:48,159  
show up at the conference and talk about

2603  
01:52:51,350 --> 01:52:49,119  
it

2604  
01:52:53,990 --> 01:52:51,360  
the the backbone the the the group

2605  
01:52:56,790 --> 01:52:54,000  
that's really hands-on every day

2606  
01:52:59,589 --> 01:52:56,800  
is these guys like him that that

2607  
01:53:02,550 --> 01:52:59,599  
physically try to make these experiments

2608  
01:53:04,310 --> 01:53:02,560  
real that physically try to build these

2609  
01:53:06,229 --> 01:53:04,320  
different things so when a guy like

2610  
01:53:08,470 --> 01:53:06,239  
sonny white says here's how you build a

2611  
01:53:10,629 --> 01:53:08,480  
little tiny warp craft well in their

2612  
01:53:13,270 --> 01:53:10,639  
world when someone says here's a new

2613  
01:53:15,189 --> 01:53:13,280

idea or an old one like the alzephon

2614

01:53:17,189 --> 01:53:15,199

experiments right like these old

2615

01:53:19,990 --> 01:53:17,199

anti-gravity experiments that may or may

2616

01:53:22,070 --> 01:53:20,000

not have worked in the 80s or 70s or

2617

01:53:25,109 --> 01:53:22,080

what you know these more

2618

01:53:27,270 --> 01:53:25,119

enigmatic mysterious anti-gravity but

2619

01:53:28,629 --> 01:53:27,280

but all rooted in real science at real

2620

01:53:30,950 --> 01:53:28,639

universities

2621

01:53:33,189 --> 01:53:30,960

these guys are doing it they're trying

2622

01:53:34,470 --> 01:53:33,199

to build it and so imagine that world

2623

01:53:36,310 --> 01:53:34,480

imagine

2624

01:53:38,310 --> 01:53:36,320

really cutting edge people at top

2625

01:53:40,790 --> 01:53:38,320

universities people from darp all these

2626  
01:53:42,229 --> 01:53:40,800  
places and then these hands-on guys just

2627  
01:53:44,870 --> 01:53:42,239  
getting together once a month on

2628  
01:53:46,950 --> 01:53:44,880  
saturday to talk about experiments talk

2629  
01:53:47,830 --> 01:53:46,960  
about different ideas and this talk

2630  
01:53:51,350 --> 01:53:47,840  
about

2631  
01:53:53,109 --> 01:53:51,360  
the m drive i saw robert uh shearer

2632  
01:53:55,669 --> 01:53:53,119  
there that was one of you know that

2633  
01:53:57,270 --> 01:53:55,679  
magical drive that seems to defy physics

2634  
01:53:59,350 --> 01:53:57,280  
and create thrust

2635  
01:54:01,910 --> 01:53:59,360  
uh and so yeah

2636  
01:54:03,030 --> 01:54:01,920  
there's a a community out there of

2637  
01:54:06,550 --> 01:54:03,040  
people

2638  
01:54:09,510 --> 01:54:06,560

looking for that anti-gravity answer and

2639

01:54:12,229 --> 01:54:09,520

my feeling is in the natural world

2640

01:54:15,510 --> 01:54:12,239

if there's a force there is a cause and

2641

01:54:17,910 --> 01:54:15,520

a and a way to counter that so gravity

2642

01:54:19,589 --> 01:54:17,920

is the thing we know it's a thing

2643

01:54:21,350 --> 01:54:19,599

they can argue forever about how it

2644

01:54:23,910 --> 01:54:21,360

works or what's gonna what's gonna make

2645

01:54:25,750 --> 01:54:23,920

gravity or anti-gravity

2646

01:54:28,149 --> 01:54:25,760

i think there's this public face where

2647

01:54:30,790 --> 01:54:28,159

people are trying it

2648

01:54:32,709 --> 01:54:30,800

if i were in the black projects and i

2649

01:54:34,790 --> 01:54:32,719

were the one writing the checks i were

2650

01:54:37,189 --> 01:54:34,800

the one overlooking the special excess

2651  
01:54:39,030 --> 01:54:37,199  
programs or the unacknowledged special

2652  
01:54:40,310 --> 01:54:39,040  
access programs or whatever they want to

2653  
01:54:42,470 --> 01:54:40,320  
call it

2654  
01:54:45,189 --> 01:54:42,480  
this is an area that has

2655  
01:54:47,830 --> 01:54:45,199  
a fair amount of scientific literature

2656  
01:54:49,189 --> 01:54:47,840  
and testable theories and is something

2657  
01:54:52,149 --> 01:54:49,199  
that i believe

2658  
01:54:55,830 --> 01:54:54,070  
i i have some stories i'm working on in

2659  
01:54:57,910 --> 01:54:55,840  
this area let's leave it at that but i

2660  
01:54:59,430 --> 01:54:57,920  
believe it's possible that that there is

2661  
01:55:01,270 --> 01:54:59,440  
stuff

2662  
01:55:02,709 --> 01:55:01,280  
i might even report on something that

2663  
01:55:04,390 --> 01:55:02,719

works at some point we'll see i don't

2664

01:55:06,629 --> 01:55:04,400

want to go too far out ahead yeah that

2665

01:55:08,790 --> 01:55:06,639

was my next question i have researchers

2666

01:55:09,990 --> 01:55:08,800

promising me things from time to time

2667

01:55:12,310 --> 01:55:10,000

right

2668

01:55:14,709 --> 01:55:12,320

and this particular one

2669

01:55:16,149 --> 01:55:14,719

is somebody i i've written another story

2670

01:55:18,629 --> 01:55:16,159

about that'll narrow it down to about

2671

01:55:20,950 --> 01:55:18,639

150 people but

2672

01:55:23,510 --> 01:55:20,960

i had somebody tell me something in a

2673

01:55:26,950 --> 01:55:23,520

phone call and in a couple of follow-up

2674

01:55:28,629 --> 01:55:26,960

emails that that makes me believe that

2675

01:55:30,550 --> 01:55:28,639

there's a lot of people that feel like

2676

01:55:33,510 --> 01:55:30,560

that's about to change that that this

2677

01:55:35,189 --> 01:55:33,520

idea that there may be a formal

2678

01:55:37,750 --> 01:55:35,199

government announcement some black

2679

01:55:39,510 --> 01:55:37,760

project or it may just be that

2680

01:55:41,510 --> 01:55:39,520

researchers are different universities

2681

01:55:43,430 --> 01:55:41,520

working in really high energy and things

2682

01:55:45,510 --> 01:55:43,440

like fusion and stuff

2683

01:55:46,550 --> 01:55:45,520

are coming across this anti-gravity

2684

01:55:48,229 --> 01:55:46,560

effect

2685

01:55:50,390 --> 01:55:48,239

and our understanding because that

2686

01:55:51,990 --> 01:55:50,400

happens a lot in science you know if you

2687

01:55:54,070 --> 01:55:52,000

take a pill for baldness that was a

2688

01:55:55,589 --> 01:55:54,080

blood pressure pill right like that was

2689

01:55:58,310 --> 01:55:55,599

a blood pressure pill that they found

2690

01:56:00,629 --> 01:55:58,320

grew hair that happens a lot sonny white

2691

01:56:03,189 --> 01:56:00,639

was working on custom casimir effects

2692

01:56:04,950 --> 01:56:03,199

with these microscopic things and they

2693

01:56:07,510 --> 01:56:04,960

found the warp bubble in there and went

2694

01:56:10,070 --> 01:56:07,520

oh this is in our in our simulations and

2695

01:56:12,149 --> 01:56:10,080

our models this thing's creating a warpo

2696

01:56:14,070 --> 01:56:12,159

and i i think that's happening in

2697

01:56:16,390 --> 01:56:14,080

physics and i think there's so much high

2698

01:56:18,629 --> 01:56:16,400

energy research there's so much of this

2699

01:56:21,589 --> 01:56:18,639

sort of stuff going on

2700

01:56:23,589 --> 01:56:21,599

both governmentally but also public that

2701

01:56:25,990 --> 01:56:23,599

i i think we're

2702

01:56:27,830 --> 01:56:26,000

taking away any conspiracy any old

2703

01:56:29,990 --> 01:56:27,840

school oh they had anti-gravity in the

2704

01:56:31,910 --> 01:56:30,000

40s or any of these sort of things

2705

01:56:33,990 --> 01:56:31,920

i think science has progressed to the

2706

01:56:36,870 --> 01:56:34,000

point where that is coming

2707

01:56:38,070 --> 01:56:36,880

do you do you think that

2708

01:56:43,910 --> 01:56:38,080

the

2709

01:56:46,470 --> 01:56:43,920

um if it was a real physical craft

2710

01:56:47,589 --> 01:56:46,480

e.t or otherwise right

2711

01:56:50,750 --> 01:56:47,599

that

2712

01:56:54,229 --> 01:56:50,760

um

2713

01:56:55,589 --> 01:56:54,239

anti-gravity uh technology that

2714

01:56:58,390 --> 01:56:55,599

possibly

2715

01:57:01,669 --> 01:56:58,400

could have been created here on earth

2716

01:57:03,510 --> 01:57:01,679

there are really good

2717

01:57:07,910 --> 01:57:03,520

smart people looking into that

2718

01:57:09,510 --> 01:57:07,920

physicists like kevin knuth and uh yes

2719

01:57:10,950 --> 01:57:09,520

ravi coparapo i'm trying to think of

2720

01:57:13,830 --> 01:57:10,960

there's a bunch of these guys at the

2721

01:57:15,750 --> 01:57:13,840

scientific coalition for uab studies and

2722

01:57:18,470 --> 01:57:15,760

they've done a lot of that and what's

2723

01:57:21,629 --> 01:57:18,480

interesting is

2724

01:57:23,189 --> 01:57:21,639

those are the two answers warp drive and

2725

01:57:25,990 --> 01:57:23,199

anti-gravity

2726

01:57:28,149 --> 01:57:26,000

are the two answers that best explain

2727

01:57:29,830 --> 01:57:28,159

what you're seeing with the tic tac in

2728

01:57:32,390 --> 01:57:29,840

many ways

2729

01:57:35,030 --> 01:57:32,400

as i said the energy requirements for it

2730

01:57:38,629 --> 01:57:35,040

to move like it did but the lack of

2731

01:57:40,550 --> 01:57:38,639

its shedding energy and any spectrum

2732

01:57:42,149 --> 01:57:40,560

physical or lights

2733

01:57:44,310 --> 01:57:42,159

i mean if it would have made a huge

2734

01:57:47,109 --> 01:57:44,320

flash of light it could have shed its

2735

01:57:49,910 --> 01:57:47,119

energy going from 80 000 feet to 50 feet

2736

01:57:51,750 --> 01:57:49,920

that way or a ton of heat or an

2737

01:57:53,109 --> 01:57:51,760

explosive force somehow it's got to shed

2738

01:57:55,750 --> 01:57:53,119

all that energy

2739

01:57:57,750 --> 01:57:55,760

so even an anti-gravity model

2740

01:58:00,550 --> 01:57:57,760

it's it's probably less likely at that

2741

01:58:02,229 --> 01:58:00,560

explanation than a warp drive

2742

01:58:03,910 --> 01:58:02,239

but the way the thing flew around the

2743

01:58:06,470 --> 01:58:03,920

way the thing was that i mean it sure

2744

01:58:09,030 --> 01:58:06,480

sounds like a magnetohydrodynamic

2745

01:58:11,270 --> 01:58:09,040

uh propulsion system that that operates

2746

01:58:12,950 --> 01:58:11,280

above water as opposed to in water and

2747

01:58:15,109 --> 01:58:12,960

may operate in and out of water because

2748

01:58:16,550 --> 01:58:15,119

magneto hydrodynamic propulsion is

2749

01:58:19,189 --> 01:58:16,560

something that's been around for 40

2750

01:58:20,709 --> 01:58:19,199

years more than 40 years yes yes

2751

01:58:22,870 --> 01:58:20,719

and the idea of something that's a very

2752

01:58:25,589 --> 01:58:22,880

light very custom very modern

2753

01:58:27,270 --> 01:58:25,599

metamaterial something that we design

2754

01:58:28,950 --> 01:58:27,280

that has the right properties and has

2755

01:58:31,270 --> 01:58:28,960

the right energy i mean for all we know

2756

01:58:33,990 --> 01:58:31,280

the the tic-tac weighs four ounces right

2757

01:58:36,550 --> 01:58:34,000

and it's just this extreme meta material

2758

01:58:38,390 --> 01:58:36,560

and that ex that

2759

01:58:40,629 --> 01:58:38,400

accounts for the mathematics of the

2760

01:58:42,709 --> 01:58:40,639

speed and dynamics but the lack of

2761

01:58:45,270 --> 01:58:42,719

energy coming out of it when it when it

2762

01:58:46,629 --> 01:58:45,280

stops and zoops around yeah the the

2763

01:58:49,830 --> 01:58:46,639

whole

2764

01:58:52,310 --> 01:58:49,840

thing for me which gets confusing

2765

01:58:55,990 --> 01:58:52,320

is that apparently

2766

01:58:57,109 --> 01:58:56,000

the tic tac if it was real

2767

01:59:00,390 --> 01:58:57,119

um

2768

01:59:03,750 --> 01:59:00,400

was able to ignore our atmosphere

2769

01:59:06,229 --> 01:59:03,760

and our known physics and the physical

2770

01:59:08,709 --> 01:59:06,239

things that we have here

2771

01:59:11,510 --> 01:59:08,719

totally ignored and didn't give a crap

2772

01:59:13,510 --> 01:59:11,520

so what what would that's what matches

2773

01:59:15,990 --> 01:59:13,520

the warp drive that's what matches the

2774

01:59:17,910 --> 01:59:16,000

low power warp drive theory better jimmy

2775

01:59:20,229 --> 01:59:17,920

as that and and and here's the other

2776

01:59:24,390 --> 01:59:20,239

part

2777

01:59:27,669 --> 01:59:24,400

if i want to believe that anti-gravity

2778

01:59:30,550 --> 01:59:27,679

uh ideas are real

2779

01:59:31,669 --> 01:59:30,560

i i just look at two things i look at

2780

01:59:33,669 --> 01:59:31,679

magnets

2781

01:59:36,470 --> 01:59:33,679

which are definitely

2782

01:59:40,070 --> 01:59:36,480

gravity defying things

2783

01:59:40,790 --> 01:59:40,080

number one number two a gyroscope

2784

01:59:43,030 --> 01:59:40,800

and

2785

01:59:45,589 --> 01:59:43,040

you know there's not infinite amounts of

2786

01:59:46,550 --> 01:59:45,599

negative energy being put into spinning

2787

01:59:49,109 --> 01:59:46,560

atop

2788

01:59:52,070 --> 01:59:49,119

or getting a gyroscope going where it

2789

01:59:55,270 --> 01:59:52,080

can apparently just sit there and float

2790

01:59:56,870 --> 01:59:55,280

as long as it's got energy going into it

2791

01:59:59,910 --> 01:59:56,880

it's stable

2792

02:00:01,669 --> 01:59:59,920

that's not some crazy technology that's

2793

02:00:04,790 --> 02:00:01,679

something that's been around for a very

2794

02:00:07,990 --> 02:00:04,800

very long time in the applications of

2795

02:00:10,550 --> 02:00:08,000

magnetics and something that is spinning

2796

02:00:13,350 --> 02:00:10,560

we have the answers right there and i i

2797

02:00:15,510 --> 02:00:13,360

think a very advanced mind would be able

2798

02:00:17,510 --> 02:00:15,520

to take these to the next level

2799

02:00:19,910 --> 02:00:17,520

and and i as i like to point out to

2800

02:00:21,750 --> 02:00:19,920

people as a guy who writes about science

2801  
02:00:27,870 --> 02:00:21,760  
you know 10 to 15 stories a week

2802  
02:00:33,830 --> 02:00:31,149  
150 years ago we weren't really using

2803  
02:00:36,070 --> 02:00:33,840  
electricity that well right like we were

2804  
02:00:39,109 --> 02:00:36,080  
right at the dot we had no internal

2805  
02:00:40,550 --> 02:00:39,119  
combustion engines whatever

2806  
02:00:42,310 --> 02:00:40,560  
right now

2807  
02:00:44,390 --> 02:00:42,320  
uh we're unfolding the james webb

2808  
02:00:46,229 --> 02:00:44,400  
telescope's undone unfolding we're

2809  
02:00:48,629 --> 02:00:46,239  
getting news back i wrote a story

2810  
02:00:50,950 --> 02:00:48,639  
yesterday about signs of life on mars

2811  
02:00:52,629 --> 02:00:50,960  
found by the curiosity rover i went oh

2812  
02:00:54,709 --> 02:00:52,639  
yeah that's right that rover's up there

2813  
02:00:56,310 --> 02:00:54,719

too right like it's just in every oh we

2814

02:00:58,390 --> 02:00:56,320

got a couple of i'm writing the story

2815

02:01:00,070 --> 02:00:58,400

about a a chinese rover that's on the

2816

02:01:02,550 --> 02:01:00,080

dark side of the moon i went that's

2817

02:01:05,350 --> 02:01:02,560

right two years ago that the changi four

2818

02:01:06,870 --> 02:01:05,360

landed the the rover like it is so

2819

02:01:10,550 --> 02:01:06,880

commonplace

2820

02:01:12,550 --> 02:01:10,560

in such a short time our technology is

2821

02:01:14,950 --> 02:01:12,560

leaps and bounds and whether you

2822

02:01:17,270 --> 02:01:14,960

subscribe to an alien technology

2823

02:01:19,910 --> 02:01:17,280

interference philip corso day at roswell

2824

02:01:22,550 --> 02:01:19,920

sort of theory or just humans and growth

2825

02:01:25,030 --> 02:01:22,560

of population and use of electricity and

2826  
02:01:28,310 --> 02:01:25,040  
energy transforming the the way we do

2827  
02:01:31,669 --> 02:01:28,320  
things whatever theory you get there

2828  
02:01:34,310 --> 02:01:31,679  
we're going real fast we're going real

2829  
02:01:36,870 --> 02:01:34,320  
fast the technology is zooming we are

2830  
02:01:40,229 --> 02:01:36,880  
changing constantly so fast remember

2831  
02:01:42,790 --> 02:01:40,239  
when we were kids and the uh get smarts

2832  
02:01:46,390 --> 02:01:42,800  
on his shoe phone and the idea was like

2833  
02:01:48,709 --> 02:01:46,400  
we may see that one day i had a shuffle

2834  
02:01:50,950 --> 02:01:48,719  
when i was 25 and when i was 12 it

2835  
02:01:53,189 --> 02:01:50,960  
seemed like the most insane thing ever

2836  
02:01:55,109 --> 02:01:53,199  
yeah and 15 years later we got cell

2837  
02:01:58,310 --> 02:01:55,119  
phones right there

2838  
02:02:01,109 --> 02:01:58,320

everywhere the dick tracy watch right

2839

02:02:04,550 --> 02:02:01,119

right right i got a drawer of full of

2840

02:02:05,910 --> 02:02:04,560

those now right it's like zach that is

2841

02:02:07,189 --> 02:02:05,920

where we are at today let's take our

2842

02:02:09,270 --> 02:02:07,199

break right here chris stay right there

2843

02:02:10,709 --> 02:02:09,280

this is fade to black i'm meryl streep

2844

02:02:11,669 --> 02:02:10,719

church great conversation when we come

2845

02:02:13,270 --> 02:02:11,679

back

2846

02:02:16,149 --> 02:02:13,280

we're going to continue let's go to the

2847

02:02:18,470 --> 02:02:16,159

search for e.t

2848

02:02:19,990 --> 02:02:18,480

james webb telescope tess everything

2849

02:02:21,010 --> 02:02:20,000

that is going on right now we'll be

2850

02:02:24,110 --> 02:02:21,020

right back

2851

02:02:27,830 --> 02:02:24,120

[Music]

2852

02:02:34,900 --> 02:02:29,270

hi everybody this is rob halpert the

2853

02:02:38,870 --> 02:02:36,390

[Music]

2854

02:02:42,310 --> 02:02:38,880

your 1 million gigawatt paranormal

2855

02:02:43,990 --> 02:02:42,320

powerhouse kumx db

2856

02:02:45,750 --> 02:02:44,000

the x

2857

02:02:48,310 --> 02:02:45,760

are you ready to read about true

2858

02:02:51,109 --> 02:02:48,320

paranormal events unex media publishes

2859

02:02:53,510 --> 02:02:51,119

non-fiction books about ufos ghosts and

2860

02:02:56,790 --> 02:02:53,520

haunted places time anomalies cryptid

2861

02:02:58,950 --> 02:02:56,800

creatures and more just like kunx db

2862

02:03:01,950 --> 02:02:58,960

radio it's all about unexplained

2863

02:03:03,990 --> 02:03:01,960

phenomena visit

2864

02:03:06,149 --> 02:03:04,000

www.unexmedia.com to see our list of

2865

02:03:08,790 --> 02:03:06,159

great book titles by debbie zigglemeyer

2866

02:03:11,350 --> 02:03:08,800

gene walker devin listrom wayne lawrence

2867

02:03:15,109 --> 02:03:11,360

bill spicer and yours truly margie k

2868

02:03:19,030 --> 02:03:16,950

why is it we're not very good with our

2869

02:03:20,790 --> 02:03:19,040

health regiment until it's too late we

2870

02:03:22,629 --> 02:03:20,800

don't put oil in the car until the

2871

02:03:25,430 --> 02:03:22,639

engine blows up when the body's out of

2872

02:03:27,470 --> 02:03:25,440

balance your health is not so good give

2873

02:03:30,709 --> 02:03:27,480

your body some love log on to

2874

02:03:32,709 --> 02:03:30,719

getthetea.com that's get the tea dot com

2875

02:03:35,750 --> 02:03:32,719

try our life change tea which cleanses

2876

02:03:37,589 --> 02:03:35,760

you from harmful intruders a clean colon

2877

02:03:39,589 --> 02:03:37,599

is one of the ways to bring the body in

2878

02:03:41,669 --> 02:03:39,599

balance we also carry organic

2879

02:03:44,390 --> 02:03:41,679

supplements to help you get where you

2880

02:03:46,790 --> 02:03:44,400

need to go so do your body a favor log

2881

02:03:48,950 --> 02:03:46,800

on to getthet.com that's get the

2882

02:03:51,189 --> 02:03:48,960

ttea.com

2883

02:03:53,669 --> 02:03:51,199

you can even visit our sales page to

2884

02:03:55,910 --> 02:03:53,679

save some dough does anybody call money

2885

02:03:57,990 --> 02:03:55,920

dough anymore anyway if you're looking

2886

02:04:01,430 --> 02:03:58,000

for short helpful health tips go to

2887

02:04:04,390 --> 02:04:01,440

youtube and punch in health matters now

2888

02:04:05,510 --> 02:04:04,400

that's health matters now

2889

02:04:08,550 --> 02:04:05,520

so

2890

02:04:11,030 --> 02:04:08,560

log on to get the tea.com shop get

2891

02:04:13,270 --> 02:04:11,040

balanced then learn some cool tips at

2892

02:04:16,229 --> 02:04:13,280

health matters now you'll be glad you

2893

02:04:18,069 --> 02:04:16,239

did that's get the tea dot com

2894

02:04:21,430 --> 02:04:18,079

this is jimmy church of fade to black

2895

02:04:24,629 --> 02:04:21,440

and i only drink fade to black blend

2896

02:04:26,229 --> 02:04:24,639

coffee from river moon just click on the

2897

02:04:27,990 --> 02:04:26,239

river moon coffee banner at

2898

02:04:31,990 --> 02:04:28,000

jimmychurchradio.com

2899

02:04:34,709 --> 02:04:32,000

promo code f2b blend

2900

02:04:37,510 --> 02:04:34,719

this is the only way forward

2901

02:04:38,980 --> 02:04:37,520

this is paid to black

2902

02:04:42,870 --> 02:04:38,990

make contact

2903

02:04:44,709 --> 02:04:42,880

[Music]

2904

02:04:47,669 --> 02:04:44,719

when you're in the house for longer

2905

02:04:50,149 --> 02:04:47,679

periods of time you can see them flying

2906

02:04:53,750 --> 02:04:50,159

or running across the floor

2907

02:04:55,189 --> 02:04:53,760

ooh yuck they're unhealthy gross and

2908

02:04:59,430 --> 02:04:55,199

disgusting

2909

02:05:02,550 --> 02:04:59,440

bugs i loathe bugs we keep a clean home

2910

02:05:04,629 --> 02:05:02,560

but occasionally bugs show up well i

2911

02:05:08,470 --> 02:05:04,639

found something that is tougher than

2912

02:05:11,750 --> 02:05:08,480

bugs orange guard on contact it kills

2913

02:05:15,350 --> 02:05:11,760

hidden bugs including ants roaches and

2914

02:05:17,750 --> 02:05:15,360

fleas plus orange guard is a residual

2915

02:05:20,149 --> 02:05:17,760

repellent all of the ingredients of

2916

02:05:23,270 --> 02:05:20,159

orange guard are on the fda generally

2917

02:05:26,790 --> 02:05:23,280

recognized as safe list orange guard may

2918

02:05:30,470 --> 02:05:26,800

be used around food humans and pets it

2919

02:05:32,709 --> 02:05:30,480

comes with a 30 day money back guarantee

2920

02:05:34,550 --> 02:05:32,719

orange guard available at

2921

02:05:36,960 --> 02:05:34,560

orangeguard.com

2922

02:05:38,229 --> 02:05:36,970

whole foods and ace hardware

2923

02:05:41,510 --> 02:05:38,239

[Music]

2924

02:05:44,229 --> 02:05:41,520

gold loves chaos uncertainty and

2925

02:05:46,149 --> 02:05:44,239

disarray history shows us what gold does

2926

02:05:47,910 --> 02:05:46,159

when people aren't sure aren't sure

2927

02:05:50,709 --> 02:05:47,920

about the government the stock market

2928

02:05:53,510 --> 02:05:50,719

their jobs or their retirement savings

2929

02:05:55,350 --> 02:05:53,520

our national debt is skyrocketing gold

2930

02:05:57,589 --> 02:05:55,360

and other precious metals are a defense

2931

02:06:00,310 --> 02:05:57,599

measure against inflation and a stock

2932

02:06:02,629 --> 02:06:00,320

market that might take years to recover

2933

02:06:04,870 --> 02:06:02,639

so what can you do right now to protect

2934

02:06:06,629 --> 02:06:04,880

yourself called united gold group we

2935

02:06:09,830 --> 02:06:06,639

offer gold and other precious metals

2936

02:06:11,430 --> 02:06:09,840

delivered securely within 72 hours are

2937

02:06:13,910 --> 02:06:11,440

you worried about the stock market we

2938

02:06:18,310 --> 02:06:13,920

can also help you set up a real gold or

2939

02:06:20,550 --> 02:06:18,320

silver ira or a 401k safe and secure

2940

02:06:23,910 --> 02:06:20,560

united gold group makes gold ownership

2941

02:06:26,390 --> 02:06:23,920

affordable call now and get up to 2 500

2942

02:06:31,430 --> 02:06:26,400

in free gold or silver with a qualified

2943

02:06:34,030 --> 02:06:31,440

ira call 800 753

2944

02:06:47,430 --> 02:06:35,669

800-753-8534 or visit

2945

02:06:53,030 --> 02:06:49,270

you want to know a secret

2946

02:06:54,390 --> 02:06:53,040

i love ponies i really love ponies i'm

2947

02:06:56,390 --> 02:06:54,400

serious

2948

02:07:00,069 --> 02:06:56,400

i couldn't stay sane without pawn needs

2949

02:07:06,550 --> 02:07:00,079

to rush why fade to black

2950

02:07:12,520 --> 02:07:08,709

this is fade to black with jimmy church

2951  
02:07:24,310 --> 02:07:12,530  
on the game changer radio network

2952  
02:07:25,830 --> 02:07:24,320  
[Music]

2953  
02:07:28,229 --> 02:07:25,840  
welcome back fade to black i'm your host

2954  
02:07:31,030 --> 02:07:28,239  
jimmy church tonight chris plain is with

2955  
02:07:32,390 --> 02:07:31,040  
us tomorrow night fader night open lines

2956  
02:07:33,669 --> 02:07:32,400  
all night long

2957  
02:07:37,030 --> 02:07:33,679  
dedicated

2958  
02:07:39,830 --> 02:07:37,040  
to clifford mahouti who left this realm

2959  
02:07:41,510 --> 02:07:39,840  
yesterday at the age of 77 tomorrow

2960  
02:07:43,350 --> 02:07:41,520  
night i've got a lot of pictures of uh

2961  
02:07:45,430 --> 02:07:43,360  
clifford and uh we'll be sharing those

2962  
02:07:46,790 --> 02:07:45,440  
and of course you'll be doing the same

2963  
02:07:48,069 --> 02:07:46,800

thing so that's tomorrow night tonight

2964

02:07:50,310 --> 02:07:48,079

it's chris plain

2965

02:07:52,470 --> 02:07:50,320

and uh just two words

2966

02:07:55,350 --> 02:07:52,480

dehydrated seaweed

2967

02:07:58,950 --> 02:07:55,360

i'm making t-shirts i i i'm gonna make

2968

02:08:01,510 --> 02:07:58,960

t-shirts uh dehydrated uh seaweed sounds

2969

02:08:04,310 --> 02:08:01,520

so good yeah it's just tasty right just

2970

02:08:06,790 --> 02:08:04,320

i mean seaweed it should replace like

2971

02:08:09,430 --> 02:08:06,800

french fries you know

2972

02:08:12,550 --> 02:08:09,440

you know i'll take the big mac combo

2973

02:08:15,030 --> 02:08:12,560

number one uh with a dehydrated seaweed

2974

02:08:18,069 --> 02:08:15,040

please uh with sea salt

2975

02:08:20,790 --> 02:08:18,079

um uh so anyway

2976

02:08:23,990 --> 02:08:20,800

james webb and um

2977

02:08:28,550 --> 02:08:26,310

see i have a cough button but you can

2978

02:08:31,589 --> 02:08:28,560

hear me cough

2979

02:08:33,669 --> 02:08:31,599

the audience can't no i can't yeah oh

2980

02:08:35,589 --> 02:08:33,679

you can't so you can't when you pop down

2981

02:08:38,229 --> 02:08:35,599

your cough button i cannot hear you oh

2982

02:08:41,270 --> 02:08:38,239

you you couldn't hear that nope nope oh

2983

02:08:42,310 --> 02:08:41,280

wow but i saw it it was disturbing yes

2984

02:08:45,910 --> 02:08:42,320

it was

2985

02:08:48,390 --> 02:08:45,920

now uh james webb out of everything that

2986

02:08:50,390 --> 02:08:48,400

we have done

2987

02:08:52,069 --> 02:08:50,400

and i'm talking about technical

2988

02:08:53,270 --> 02:08:52,079

advancements

2989

02:08:55,109 --> 02:08:53,280

uh

2990

02:08:58,069 --> 02:08:55,119

i i mean just tremendous

2991

02:09:00,310 --> 02:08:58,079

uh a million things can be referenced uh

2992

02:09:03,430 --> 02:09:00,320

that are just remarkable

2993

02:09:06,390 --> 02:09:03,440

but in my estimation uh with the james

2994

02:09:07,910 --> 02:09:06,400

webb telescope in combination with other

2995

02:09:10,149 --> 02:09:07,920

things it's not the only telescope we

2996

02:09:12,870 --> 02:09:10,159

have out there right now uh but the test

2997

02:09:14,229 --> 02:09:12,880

system and so forth um

2998

02:09:16,830 --> 02:09:14,239

maybe

2999

02:09:19,510 --> 02:09:16,840

the most significant

3000

02:09:21,830 --> 02:09:19,520

advancement uh the human race has has

3001  
02:09:23,910 --> 02:09:21,840  
done to this point in my in my opinion

3002  
02:09:25,270 --> 02:09:23,920  
the james webb telescope

3003  
02:09:28,709 --> 02:09:25,280  
is incredible

3004  
02:09:29,720 --> 02:09:28,719  
um and so far so good right so far so

3005  
02:09:30,830 --> 02:09:29,730  
good

3006  
02:09:34,709 --> 02:09:30,840  
[Music]

3007  
02:09:36,870 --> 02:09:34,719  
um what's your i what's your take

3008  
02:09:39,030 --> 02:09:36,880  
what's your take on the james webb

3009  
02:09:41,510 --> 02:09:39,040  
telescope here's what's here's what's

3010  
02:09:44,229 --> 02:09:41,520  
amazing about this thing

3011  
02:09:46,470 --> 02:09:44,239  
imagine scientists at the dawn of

3012  
02:09:49,669 --> 02:09:46,480  
microbiology

3013  
02:09:51,350 --> 02:09:49,679

inventing the first microscope right

3014

02:09:53,030 --> 02:09:51,360

right think of that

3015

02:09:55,189 --> 02:09:53,040

a tool

3016

02:09:58,870 --> 02:09:55,199

that never existed

3017

02:10:02,709 --> 02:09:58,880

that is in every lab that is the most

3018

02:10:05,270 --> 02:10:02,719

basic most fundamental tool necessary

3019

02:10:06,629 --> 02:10:05,280

to do that sort of research

3020

02:10:08,149 --> 02:10:06,639

well when it comes to things like

3021

02:10:10,470 --> 02:10:08,159

astronomy

3022

02:10:12,629 --> 02:10:10,480

we have tons of great tools on the

3023

02:10:14,550 --> 02:10:12,639

ground we have amazing

3024

02:10:16,870 --> 02:10:14,560

twitter friends with professor abel

3025

02:10:18,790 --> 02:10:16,880

mendez who runs the arecibo facility

3026

02:10:20,709 --> 02:10:18,800

down there in puerto rico where the

3027

02:10:23,189 --> 02:10:20,719

movie contact and you know they they're

3028

02:10:25,430 --> 02:10:23,199

looking looking for abn signals our

3029

02:10:28,390 --> 02:10:25,440

astronomy the equipment

3030

02:10:32,709 --> 02:10:28,400

the satellites the things we put up but

3031

02:10:34,629 --> 02:10:32,719

when it comes to looking into the cosmos

3032

02:10:37,189 --> 02:10:34,639

nothing beats being outside our

3033

02:10:39,830 --> 02:10:37,199

atmosphere nothing

3034

02:10:41,750 --> 02:10:39,840

being where this telescope is going is a

3035

02:10:43,750 --> 02:10:41,760

point called lagrange ii and to

3036

02:10:45,910 --> 02:10:43,760

basically just

3037

02:10:47,990 --> 02:10:45,920

imagine the earth and the sun in a

3038

02:10:50,629 --> 02:10:48,000

direct line with each other and when you

3039

02:10:53,510 --> 02:10:50,639

continue from the sun to the earth you

3040

02:10:55,830 --> 02:10:53,520

continue for about another million miles

3041

02:10:57,990 --> 02:10:55,840

there's where james webb is gonna sit

3042

02:10:59,830 --> 02:10:58,000

and it's gonna sit perfectly in the

3043

02:11:01,109 --> 02:10:59,840

shadow of earth

3044

02:11:02,470 --> 02:11:01,119

so

3045

02:11:04,950 --> 02:11:02,480

here it is

3046

02:11:06,870 --> 02:11:04,960

94 million miles from the sun a mere

3047

02:11:09,350 --> 02:11:06,880

million miles from earth

3048

02:11:11,990 --> 02:11:09,360

and it's perfectly protected from the

3049

02:11:14,229 --> 02:11:12,000

solar radiation and the solar energy and

3050

02:11:16,550 --> 02:11:14,239

the solar wind coming off of the sun

3051  
02:11:19,830 --> 02:11:16,560  
so now it can do something where it can

3052  
02:11:21,830 --> 02:11:19,840  
look deep into the cosmos by looking at

3053  
02:11:24,709 --> 02:11:21,840  
infrared light without getting too deep

3054  
02:11:26,629 --> 02:11:24,719  
into the woods of all of this if the

3055  
02:11:29,030 --> 02:11:26,639  
hubble telescope which was our most

3056  
02:11:31,430 --> 02:11:29,040  
amazing most groundbreaking most

3057  
02:11:33,910 --> 02:11:31,440  
innovative looking outward space

3058  
02:11:35,669 --> 02:11:33,920  
telescope the first really good one to

3059  
02:11:36,790 --> 02:11:35,679  
take advantage all the benefits i'm

3060  
02:11:39,030 --> 02:11:36,800  
talking about

3061  
02:11:40,629 --> 02:11:39,040  
being in space outside the atmosphere

3062  
02:11:43,350 --> 02:11:40,639  
that was a visual telescope so it took

3063  
02:11:45,830 --> 02:11:43,360

cool pictures and let us see really cool

3064

02:11:47,910 --> 02:11:45,840

things and learn all kinds of things

3065

02:11:49,830 --> 02:11:47,920

this telescope james webb is going to

3066

02:11:52,709 --> 02:11:49,840

look at infrared light

3067

02:11:55,270 --> 02:11:52,719

and that is everything in the cosmos

3068

02:11:58,229 --> 02:11:55,280

coming back to us from the past

3069

02:12:01,030 --> 02:11:58,239

so when you look farther and farther

3070

02:12:03,910 --> 02:12:01,040

you're seeing a light that originated

3071

02:12:05,390 --> 02:12:03,920

farther and farther back in time

3072

02:12:08,870 --> 02:12:05,400

so in a 4

3073

02:12:10,790 --> 02:12:08,880

13.8 billion years cosmos

3074

02:12:13,390 --> 02:12:10,800

this telescope will let us look at

3075

02:12:15,109 --> 02:12:13,400

things that happened

3076

02:12:18,550 --> 02:12:15,119

13.7

3077

02:12:19,350 --> 02:12:18,560

or so billion years ago

3078

02:12:22,069 --> 02:12:19,360

and

3079

02:12:24,629 --> 02:12:22,079

really look at the first galaxies their

3080

02:12:28,550 --> 02:12:24,639

first formations the first stars

3081

02:12:30,790 --> 02:12:28,560

so from a like a base level just tool

3082

02:12:32,790 --> 02:12:30,800

just like that microscope it's just a

3083

02:12:34,950 --> 02:12:32,800

tool that's never existed and it is the

3084

02:12:36,550 --> 02:12:34,960

most groundbreaking tool

3085

02:12:39,589 --> 02:12:36,560

for those of us that are really

3086

02:12:41,510 --> 02:12:39,599

interested in the search for life

3087

02:12:43,270 --> 02:12:41,520

outside of our little solar system

3088

02:12:46,470 --> 02:12:43,280

outside of our planet

3089

02:12:49,030 --> 02:12:46,480

it is a tool like we have never had now

3090

02:12:50,629 --> 02:12:49,040

keep in mind i'm not talking about ufos

3091

02:12:51,990 --> 02:12:50,639

i'm not talking about

3092

02:12:53,270 --> 02:12:52,000

you know things that are atmospheric

3093

02:12:55,189 --> 02:12:53,280

things like that's a completely

3094

02:12:57,910 --> 02:12:55,199

different discussion i'm talking about

3095

02:13:00,550 --> 02:12:57,920

looking at planets planets outside of

3096

02:13:02,629 --> 02:13:00,560

our own solar system

3097

02:13:04,069 --> 02:13:02,639

that are at the right distance from

3098

02:13:05,750 --> 02:13:04,079

their star

3099

02:13:07,430 --> 02:13:05,760

that have just the right temperature

3100

02:13:10,069 --> 02:13:07,440

they call it the goldilocks zone or the

3101

02:13:12,629 --> 02:13:10,079

habitable zone it's got it's made of the

3102

02:13:14,709 --> 02:13:12,639

right stuff it's it's a rocky like earth

3103

02:13:17,109 --> 02:13:14,719

or mars or venus it's not a big ball of

3104

02:13:19,430 --> 02:13:17,119

gas like saturn or jupiter it's not a

3105

02:13:22,149 --> 02:13:19,440

big ball of ice like neptune right but

3106

02:13:23,750 --> 02:13:22,159

it's a a chunk of rock with probably at

3107

02:13:25,109 --> 02:13:23,760

the right place got water on it just

3108

02:13:27,430 --> 02:13:25,119

like earth

3109

02:13:29,589 --> 02:13:27,440

so we can't see those right we know

3110

02:13:31,669 --> 02:13:29,599

they're there and you mentioned tess

3111

02:13:33,030 --> 02:13:31,679

before we went to the commercial we've

3112

02:13:35,589 --> 02:13:33,040

used this thing called the transiting

3113

02:13:36,709 --> 02:13:35,599

exoplanet survey

3114

02:13:40,629 --> 02:13:36,719

satellite

3115

02:13:42,629 --> 02:13:40,639

to find these planets the way we find

3116

02:13:44,310 --> 02:13:42,639

them is called the transit method you're

3117

02:13:45,750 --> 02:13:44,320

looking at a star and all of a sudden it

3118

02:13:47,510 --> 02:13:45,760

dims a little bit

3119

02:13:50,149 --> 02:13:47,520

something passed between you and that

3120

02:13:52,069 --> 02:13:50,159

star right a transit so

3121

02:13:54,629 --> 02:13:52,079

it's this long complex way that we have

3122

02:13:55,589 --> 02:13:54,639

found planets but we found over 5000 you

3123

02:13:58,310 --> 02:13:55,599

know

3124

02:13:59,910 --> 02:13:58,320

i think they're 4 600 that are official

3125

02:14:01,990 --> 02:13:59,920

but there's a number another couple

3126  
02:14:04,149 --> 02:14:02,000  
thousand that are being sussed out and

3127  
02:14:05,830 --> 02:14:04,159  
when they suss those out 80 90 percent

3128  
02:14:08,310 --> 02:14:05,840  
of them pan out so

3129  
02:14:10,629 --> 02:14:08,320  
for this tiny amount of time that tess

3130  
02:14:13,030 --> 02:14:10,639  
operated for the tiny amount of time the

3131  
02:14:14,629 --> 02:14:13,040  
kepler planet hunter missions operated

3132  
02:14:16,550 --> 02:14:14,639  
and from the little bit of data that

3133  
02:14:18,310 --> 02:14:16,560  
hubble could pull in this area we

3134  
02:14:19,910 --> 02:14:18,320  
figured out planets are everywhere

3135  
02:14:22,390 --> 02:14:19,920  
everywhere we look there's planets every

3136  
02:14:24,470 --> 02:14:22,400  
star or most of the stars we look from

3137  
02:14:27,109 --> 02:14:24,480  
types like ours to brown dwarfs so you

3138  
02:14:29,750 --> 02:14:27,119

name it their planets and we see rocky

3139

02:14:32,069 --> 02:14:29,760

ones everywhere

3140

02:14:34,229 --> 02:14:32,079

this telescope james webb will be able

3141

02:14:36,550 --> 02:14:34,239

to point

3142

02:14:38,390 --> 02:14:36,560

dead on one of those planets and

3143

02:14:40,870 --> 02:14:38,400

although it can't take a picture of it

3144

02:14:43,350 --> 02:14:40,880

yet what it can do

3145

02:14:45,830 --> 02:14:43,360

is when it passes in front of the star

3146

02:14:48,149 --> 02:14:45,840

when it makes one of those transits

3147

02:14:50,229 --> 02:14:48,159

the sunlight going the the light from

3148

02:14:51,510 --> 02:14:50,239

that star going through the atmosphere

3149

02:14:52,390 --> 02:14:51,520

of the planet

3150

02:14:54,629 --> 02:14:52,400

right

3151

02:14:57,189 --> 02:14:54,639

it will reveal

3152

02:15:00,149 --> 02:14:57,199

what the chemistry of that atmosphere is

3153

02:15:02,390 --> 02:15:00,159

through light spectra so that telescope

3154

02:15:04,550 --> 02:15:02,400

sees these different and it goes ah i

3155

02:15:07,030 --> 02:15:04,560

see carbon dioxide i see hydrogen i see

3156

02:15:09,270 --> 02:15:07,040

oxygen i see methane i see whatever they

3157

02:15:11,270 --> 02:15:09,280

see in that atmosphere

3158

02:15:13,350 --> 02:15:11,280

and at least on earth

3159

02:15:15,990 --> 02:15:13,360

and the planets that do have atmospheres

3160

02:15:17,669 --> 02:15:16,000

like saturn or whatever uh uh i mean

3161

02:15:19,589 --> 02:15:17,679

like saturn's moon titan or some of the

3162

02:15:23,189 --> 02:15:19,599

other mars has a very thin atmosphere

3163

02:15:25,109 --> 02:15:23,199

venus has a heavy gaseous atmosphere

3164

02:15:27,990 --> 02:15:25,119

certain chemicals in certain

3165

02:15:30,390 --> 02:15:28,000

combinations in certain amounts

3166

02:15:31,910 --> 02:15:30,400

seem to signal that there's life on that

3167

02:15:33,350 --> 02:15:31,920

planet now

3168

02:15:35,910 --> 02:15:33,360

will will

3169

02:15:37,589 --> 02:15:35,920

james webb look for spaceships no but

3170

02:15:40,310 --> 02:15:37,599

what it will say

3171

02:15:43,430 --> 02:15:40,320

is i've started studying these rocky

3172

02:15:45,030 --> 02:15:43,440

planets in the habitable zone up close

3173

02:15:47,270 --> 02:15:45,040

and either i'm seeing chemical

3174

02:15:48,950 --> 02:15:47,280

signatures in the atmosphere that tell

3175

02:15:51,270 --> 02:15:48,960

me something's cooking down there

3176  
02:15:53,030 --> 02:15:51,280  
something's alive and it's breathing and

3177  
02:15:55,830 --> 02:15:53,040  
it's creating these gases and these

3178  
02:15:57,270 --> 02:15:55,840  
various chemicals or it's not it's

3179  
02:15:59,430 --> 02:15:57,280  
things that we see with natural

3180  
02:16:02,709 --> 02:15:59,440  
processes that we know

3181  
02:16:04,629 --> 02:16:02,719  
to even gather that set of data we're

3182  
02:16:06,550 --> 02:16:04,639  
going to have to look at hundreds if not

3183  
02:16:09,030 --> 02:16:06,560  
thousands of these planets

3184  
02:16:10,950 --> 02:16:09,040  
we might we might find really telling

3185  
02:16:12,310 --> 02:16:10,960  
signs really quick right like there's

3186  
02:16:15,350 --> 02:16:12,320  
some really good candidates like

3187  
02:16:18,149 --> 02:16:15,360  
trappist-1 that has maybe four planets

3188  
02:16:21,189 --> 02:16:18,159

in the habitable zone imagine four

3189

02:16:23,430 --> 02:16:21,199

earths that were all more or less close

3190

02:16:25,510 --> 02:16:23,440

enough to the the sun

3191

02:16:28,229 --> 02:16:25,520

that there are people or things living

3192

02:16:30,310 --> 02:16:28,239

on each one of those and maybe the

3193

02:16:31,990 --> 02:16:30,320

closest one it's really hot the farthest

3194

02:16:34,790 --> 02:16:32,000

one it's really cold but it's still

3195

02:16:35,750 --> 02:16:34,800

enough to have liquid water and to have

3196

02:16:37,429 --> 02:16:35,760

life

3197

02:16:39,270 --> 02:16:37,439

so we're going to look at each one of

3198

02:16:41,110 --> 02:16:39,280

those and we're going to look at their

3199

02:16:42,950 --> 02:16:41,120

atmospheres when we go when they go in

3200

02:16:45,830 --> 02:16:42,960

front of the star

3201

02:16:48,629 --> 02:16:45,840

and the same way telescopes picked up

3202

02:16:51,190 --> 02:16:48,639

phosphine gas in the atmosphere of mars

3203

02:16:53,030 --> 02:16:51,200

and said hmm that's at a place that we

3204

02:16:55,669 --> 02:16:53,040

always assume would be habitable for

3205

02:16:57,509 --> 02:16:55,679

exactly the type of life that works

3206

02:16:59,669 --> 02:16:57,519

anaerobically and puts off this exact

3207

02:17:01,750 --> 02:16:59,679

sort of type of phosphorus known as

3208

02:17:03,429 --> 02:17:01,760

phosphine and it's in concentrations

3209

02:17:05,349 --> 02:17:03,439

that seem like it would be made for life

3210

02:17:07,190 --> 02:17:05,359

so people can argue whether or not

3211

02:17:09,429 --> 02:17:07,200

that's life and until we fly something

3212

02:17:12,230 --> 02:17:09,439

through there and scoop it up and check

3213

02:17:15,110 --> 02:17:12,240

it out we may not know but what we do

3214

02:17:16,790 --> 02:17:15,120

know is it matches what we understand

3215

02:17:20,150 --> 02:17:16,800

about life and it gives us a place to

3216

02:17:22,709 --> 02:17:20,160

look so when one of these warp drives or

3217

02:17:25,110 --> 02:17:22,719

directed energy or plasma magnets or

3218

02:17:27,669 --> 02:17:25,120

these really exotic propulsions i write

3219

02:17:30,549 --> 02:17:27,679

about and study about at my job

3220

02:17:33,429 --> 02:17:30,559

when one of those is ready for us to

3221

02:17:35,750 --> 02:17:33,439

send somewhere and send a probe

3222

02:17:38,629 --> 02:17:35,760

into the atmosphere we're gonna have

3223

02:17:41,190 --> 02:17:38,639

targets and those targets will be found

3224

02:17:43,910 --> 02:17:41,200

by james webb james webb telescope will

3225

02:17:46,950 --> 02:17:43,920

be the one to give us a list of planets

3226

02:17:49,349 --> 02:17:46,960

that says this thing's habitable zone

3227

02:17:51,030 --> 02:17:49,359

this thing's the right size and shape

3228

02:17:53,349 --> 02:17:51,040

and it's got the right chemistry in the

3229

02:17:55,030 --> 02:17:53,359

atmosphere that we think life is there

3230

02:17:56,549 --> 02:17:55,040

how do you keep your brain from

3231

02:17:59,030 --> 02:17:56,559

exploding

3232

02:18:01,589 --> 02:17:59,040

with just the thought

3233

02:18:04,070 --> 02:18:01,599

that 25 years ago we were still the only

3234

02:18:07,190 --> 02:18:04,080

planet in the known universe right right

3235

02:18:09,349 --> 02:18:07,200

to today where we have around 10 000

3236

02:18:11,589 --> 02:18:09,359

exoplanets and exoplanet candidates that

3237

02:18:13,270 --> 02:18:11,599

are waiting to be catalogued

3238

02:18:14,870 --> 02:18:13,280

to

3239

02:18:15,669 --> 02:18:14,880

being able

3240

02:18:19,110 --> 02:18:15,679

to

3241

02:18:22,070 --> 02:18:19,120

study the atmosphere

3242

02:18:25,190 --> 02:18:22,080

of distant worlds

3243

02:18:27,750 --> 02:18:25,200

that is like it's it's

3244

02:18:29,669 --> 02:18:27,760

it's it's it's almost too much

3245

02:18:31,030 --> 02:18:29,679

jimmy with with the

3246

02:18:33,589 --> 02:18:31,040

with

3247

02:18:36,389 --> 02:18:33,599

my schedule is a full one like a lot of

3248

02:18:38,469 --> 02:18:36,399

us adults have very full schedules and

3249

02:18:39,990 --> 02:18:38,479

when i was approached about working at

3250

02:18:42,870 --> 02:18:40,000

the debrief and i had that first

3251

02:18:44,790 --> 02:18:42,880

conversation with mj banayas i had to

3252

02:18:47,669 --> 02:18:44,800

make a decision like

3253

02:18:50,230 --> 02:18:47,679

this is gonna consume a lot of time and

3254

02:18:52,629 --> 02:18:50,240

a lot of energy i'm gonna have to delay

3255

02:18:54,870 --> 02:18:52,639

the publication of the the sci-fi book a

3256

02:18:57,509 --> 02:18:54,880

year and all these other personal life

3257

02:19:00,150 --> 02:18:57,519

choices went into making that decision

3258

02:19:02,790 --> 02:19:00,160

but what clinched it for me

3259

02:19:05,589 --> 02:19:02,800

was that we are living in a time like no

3260

02:19:07,589 --> 02:19:05,599

other time scientifically ufos i gave my

3261

02:19:08,950 --> 02:19:07,599

whole rap on ufos earlier and i am

3262

02:19:11,110 --> 02:19:08,960

convinced we're living in a just a

3263

02:19:12,870 --> 02:19:11,120

completely different time for that but

3264

02:19:15,190 --> 02:19:12,880

in the science community in the

3265

02:19:17,750 --> 02:19:15,200

technology community the number of

3266

02:19:19,190 --> 02:19:17,760

universities the vast array of projects

3267

02:19:22,790 --> 02:19:19,200

people are working on

3268

02:19:25,030 --> 02:19:22,800

is so amazing and so tantalizing that

3269

02:19:27,349 --> 02:19:25,040

when i discussed with them hey is this a

3270

02:19:29,509 --> 02:19:27,359

ufo blog do you want me to write about

3271

02:19:31,270 --> 02:19:29,519

you know uh the

3272

02:19:32,629 --> 02:19:31,280

mouse from air force base and do you

3273

02:19:34,469 --> 02:19:32,639

want me to write about kernel courses

3274

02:19:35,990 --> 02:19:34,479

they said no no no

3275

02:19:37,270 --> 02:19:36,000

we want you to cover this stuff you're

3276

02:19:39,990 --> 02:19:37,280

interested we want you to write about

3277

02:19:41,830 --> 02:19:40,000

these scientific topics and try and be i

3278

02:19:43,669 --> 02:19:41,840

always tell people i say i'm like neil

3279

02:19:46,150 --> 02:19:43,679

degrasse tyson if he was dumber and

3280

02:19:48,070 --> 02:19:46,160

funnier right so

3281

02:19:49,830 --> 02:19:48,080

well you're definitely better looking

3282

02:19:51,670 --> 02:19:49,840

yeah right you got that going for you

3283

02:19:54,469 --> 02:19:51,680

which which i might have put in an

3284

02:19:56,150 --> 02:19:54,479

article where i picked on him once but

3285

02:19:57,750 --> 02:19:56,160

you know i only got two or three tweets

3286

02:20:00,389 --> 02:19:57,760

about it so it wasn't too bad yeah he's

3287

02:20:01,910 --> 02:20:00,399

so easy of a target he's he's yeah but i

3288

02:20:05,110 --> 02:20:01,920

always say you know guys like michio

3289

02:20:08,150 --> 02:20:05,120

kaku or guys like uh neil they're in

3290

02:20:11,510 --> 02:20:08,160

this enviable position to me

3291

02:20:13,110 --> 02:20:11,520

to to understand this complex science

3292

02:20:15,190 --> 02:20:13,120

and communicate it to the everyday

3293

02:20:17,429 --> 02:20:15,200

person even the one researcher who

3294

02:20:18,950 --> 02:20:17,439

turned down the interview me told with

3295

02:20:22,230 --> 02:20:18,960

me told me

3296

02:20:24,550 --> 02:20:22,240

your job does provide a significant

3297

02:20:26,550 --> 02:20:24,560

science communications value i just

3298

02:20:28,950 --> 02:20:26,560

don't want to participate and that's

3299

02:20:30,710 --> 02:20:28,960

what i feel as i go i'm the guy yeah you

3300

02:20:33,190 --> 02:20:30,720

know whatever hey we could turn down

3301  
02:20:35,510 --> 02:20:33,200  
before right for interviews but that was

3302  
02:20:38,309 --> 02:20:35,520  
that was the first and last one so far

3303  
02:20:40,950 --> 02:20:38,319  
but yeah i i think that

3304  
02:20:42,150 --> 02:20:40,960  
the idea that the james when you know

3305  
02:20:44,550 --> 02:20:42,160  
that they've been working on that thing

3306  
02:20:47,110 --> 02:20:44,560  
for 30 years i mean when the jail hubble

3307  
02:20:49,910 --> 02:20:47,120  
went up you know the first hit movie

3308  
02:20:51,910 --> 02:20:49,920  
comes up everybody has a party and the

3309  
02:20:53,670 --> 02:20:51,920  
next morning people go so are we working

3310  
02:20:55,190 --> 02:20:53,680  
on a sequel

3311  
02:20:57,429 --> 02:20:55,200  
james webb

3312  
02:20:59,910 --> 02:20:57,439  
is the sequel of all sequels this is the

3313  
02:21:03,270 --> 02:20:59,920

hubble times a thousand this is

3314

02:21:05,030 --> 02:21:03,280

so much capability so much science i for

3315

02:21:07,429 --> 02:21:05,040

one have been on pins and needles every

3316

02:21:10,150 --> 02:21:07,439

day since it launched watching the

3317

02:21:12,150 --> 02:21:10,160

tracker on youtube where each little

3318

02:21:14,710 --> 02:21:12,160

step happened where each little thing

3319

02:21:17,270 --> 02:21:14,720

happened because we're right there now

3320

02:21:18,630 --> 02:21:17,280

like it's 94 95 percent of the way there

3321

02:21:21,990 --> 02:21:18,640

i think it's got about four more days

3322

02:21:23,590 --> 02:21:22,000

before it's on station and uh

3323

02:21:25,110 --> 02:21:23,600

within a couple of months i think two

3324

02:21:27,349 --> 02:21:25,120

months if i remember right i talked to

3325

02:21:30,070 --> 02:21:27,359

the the program manager at nasa

3326

02:21:31,830 --> 02:21:30,080

elizabeth colon months ago and and uh

3327

02:21:33,030 --> 02:21:31,840

she said

3328

02:21:36,389 --> 02:21:33,040

this will

3329

02:21:38,389 --> 02:21:36,399

i'm sorry dr nicole colon and she said

3330

02:21:40,710 --> 02:21:38,399

this will be the craziest two months

3331

02:21:42,230 --> 02:21:40,720

where we're tuning the thing in and get

3332

02:21:45,429 --> 02:21:42,240

but

3333

02:21:47,429 --> 02:21:45,439

once it's online and it starts running

3334

02:21:49,429 --> 02:21:47,439

through these things there's a lot of

3335

02:21:51,830 --> 02:21:49,439

cool astronomy there's a lot of base

3336

02:21:54,070 --> 02:21:51,840

level knowledge but within all of these

3337

02:21:55,830 --> 02:21:54,080

programs are these hunt for life

3338

02:21:58,150 --> 02:21:55,840

programs you know bill nelson the head

3339

02:22:01,030 --> 02:21:58,160

of nasa said that when he was talking

3340

02:22:03,349 --> 02:22:01,040

about ufos he said when push comes to

3341

02:22:05,910 --> 02:22:03,359

shove this is the business we're in at

3342

02:22:07,750 --> 02:22:05,920

nasa hunting for life and i'm writing an

3343

02:22:09,750 --> 02:22:07,760

essay that's going to go in a compendium

3344

02:22:11,590 --> 02:22:09,760

we're doing at the debrief at the middle

3345

02:22:14,389 --> 02:22:11,600

sometime this year

3346

02:22:17,110 --> 02:22:14,399

about that topic about how this world of

3347

02:22:19,349 --> 02:22:17,120

science and this world of ufos

3348

02:22:21,110 --> 02:22:19,359

are are finally meeting in the middle

3349

02:22:23,110 --> 02:22:21,120

that the venn diagram is overlapping

3350

02:22:24,309 --> 02:22:23,120

that there is a place

3351  
02:22:27,110 --> 02:22:24,319  
where

3352  
02:22:28,070 --> 02:22:27,120  
science presents so much evidence for

3353  
02:22:30,710 --> 02:22:28,080  
life

3354  
02:22:31,750 --> 02:22:30,720  
mainstream traditional

3355  
02:22:33,830 --> 02:22:31,760  
you know

3356  
02:22:36,469 --> 02:22:33,840  
neil degrasse times a thousand like the

3357  
02:22:40,070 --> 02:22:36,479  
most serious disbelieving scientists

3358  
02:22:42,309 --> 02:22:40,080  
will end up in a point very shortly

3359  
02:22:43,750 --> 02:22:42,319  
where life is everywhere and this proof

3360  
02:22:46,150 --> 02:22:43,760  
is scientific

3361  
02:22:47,830 --> 02:22:46,160  
so all that's left is

3362  
02:22:49,110 --> 02:22:47,840  
all right we see all these planets with

3363  
02:22:50,550 --> 02:22:49,120

all these signs of life in their

3364

02:22:52,550 --> 02:22:50,560

atmospheres

3365

02:22:54,790 --> 02:22:52,560

now all we're asking is if none of them

3366

02:22:57,030 --> 02:22:54,800

would come here why not we're out we're

3367

02:22:59,190 --> 02:22:57,040

on the flip side of the the fermi

3368

02:23:01,270 --> 02:22:59,200

paradox we're like

3369

02:23:02,870 --> 02:23:01,280

they're here they're everywhere so why

3370

02:23:05,349 --> 02:23:02,880

haven't they come here and that's when

3371

02:23:07,270 --> 02:23:05,359

the ufo people go hey dummies

3372

02:23:09,349 --> 02:23:07,280

we've been telling you for a long time

3373

02:23:10,870 --> 02:23:09,359

that they're here and the scientists go

3374

02:23:13,429 --> 02:23:10,880

okay maybe it's time to look at that

3375

02:23:14,309 --> 02:23:13,439

seriously and that's what's happened the

3376

02:23:19,190 --> 02:23:14,319

uh

3377

02:23:22,870 --> 02:23:19,200

radcliffe and and and some of these

3378

02:23:25,429 --> 02:23:22,880

agency folks uh uh about ufos and uaps

3379

02:23:28,550 --> 02:23:25,439

lately all exciting uh

3380

02:23:29,750 --> 02:23:28,560

lou elizondo chris mellon

3381

02:23:33,190 --> 02:23:29,760

the senate

3382

02:23:34,630 --> 02:23:33,200

uh the dod odni all great stuff no

3383

02:23:36,870 --> 02:23:34,640

question about it

3384

02:23:38,150 --> 02:23:36,880

but those comments from bill nelson two

3385

02:23:40,630 --> 02:23:38,160

months ago

3386

02:23:42,790 --> 02:23:40,640

i think were some of the most uh

3387

02:23:44,790 --> 02:23:42,800

uh direct

3388

02:23:47,750 --> 02:23:44,800

direct because he didn't he didn't pull

3389

02:23:49,349 --> 02:23:47,760

any punches he went straight there and i

3390

02:23:51,510 --> 02:23:49,359

think it was one of the most significant

3391

02:23:53,510 --> 02:23:51,520

statements on the topic of

3392

02:23:56,230 --> 02:23:53,520

et and ufos

3393

02:23:57,590 --> 02:23:56,240

that anybody has made in an official

3394

02:24:00,790 --> 02:23:57,600

capacity

3395

02:24:02,870 --> 02:24:00,800

when you first heard uh those 10 minutes

3396

02:24:04,150 --> 02:24:02,880

were extraordinary

3397

02:24:06,469 --> 02:24:04,160

yes right

3398

02:24:09,830 --> 02:24:06,479

what went through your mind

3399

02:24:13,190 --> 02:24:09,840

that very first time he talked about it

3400

02:24:15,590 --> 02:24:13,200

was uh he was on stage at a nasa event

3401

02:24:17,990 --> 02:24:15,600

that nobody but nerds like me who get

3402

02:24:18,950 --> 02:24:18,000

paid to write about it were watching

3403

02:24:20,630 --> 02:24:18,960

right

3404

02:24:22,309 --> 02:24:20,640

so when he kind of threw out those first

3405

02:24:24,710 --> 02:24:22,319

few comments i'm talking before the even

3406

02:24:27,830 --> 02:24:24,720

the more public video but when he first

3407

02:24:30,150 --> 02:24:27,840

kind of started addressing this

3408

02:24:32,309 --> 02:24:30,160

everybody went holy crap i wrote a story

3409

02:24:35,590 --> 02:24:32,319

about it a few other news outlets got it

3410

02:24:37,030 --> 02:24:35,600

within 48 hours cnn had him on and i

3411

02:24:38,630 --> 02:24:37,040

don't remember who the interview was but

3412

02:24:39,910 --> 02:24:38,640

she sat down with him

3413

02:24:42,309 --> 02:24:39,920

and

3414

02:24:44,150 --> 02:24:42,319

what that's what really struck me those

3415

02:24:47,030 --> 02:24:44,160

initial comments

3416

02:24:49,510 --> 02:24:47,040

i hate to say it he's an older guy he's

3417

02:24:51,510 --> 02:24:49,520

a he's a you know a former astronaut but

3418

02:24:54,150 --> 02:24:51,520

he's a politician

3419

02:24:54,950 --> 02:24:54,160

politicians oftentimes say things one

3420

02:24:56,870 --> 02:24:54,960

day

3421

02:24:59,750 --> 02:24:56,880

and are doing something completely else

3422

02:25:01,590 --> 02:24:59,760

the next day if not an hour later so

3423

02:25:03,190 --> 02:25:01,600

when he made those initial comments and

3424

02:25:05,190 --> 02:25:03,200

i wrote about other people wrote about

3425

02:25:07,429 --> 02:25:05,200

it it was like yeah that's cool

3426  
02:25:10,070 --> 02:25:07,439  
let's see if he follows up he stayed on

3427  
02:25:12,630 --> 02:25:10,080  
mission right yeah he's brand new at

3428  
02:25:14,870 --> 02:25:12,640  
nasa he's giddy at the job right he's

3429  
02:25:16,469 --> 02:25:14,880  
got like the ultimate old man job like

3430  
02:25:18,710 --> 02:25:16,479  
hey come over to nasa you were an

3431  
02:25:21,349 --> 02:25:18,720  
astronaut you everyone likes you

3432  
02:25:24,150 --> 02:25:21,359  
you're relatively politically benign uh

3433  
02:25:25,830 --> 02:25:24,160  
you know uh perfect fit every everyone

3434  
02:25:26,870 --> 02:25:25,840  
more or less liked him the people at

3435  
02:25:28,309 --> 02:25:26,880  
nasa have been looking for new

3436  
02:25:30,150 --> 02:25:28,319  
leadership for a while i think it was

3437  
02:25:31,429 --> 02:25:30,160  
that bridenstine was there before then

3438  
02:25:33,670 --> 02:25:31,439

yeah yeah

3439

02:25:36,790 --> 02:25:35,110

i just felt like there's a chance what

3440

02:25:38,550 --> 02:25:36,800

we're hearing is he's giddy right he's

3441

02:25:40,309 --> 02:25:38,560

goofy on the new job he's like hey we're

3442

02:25:42,630 --> 02:25:40,319

going to look for aliens too because i

3443

02:25:44,150 --> 02:25:42,640

was watching 60 minutes drinking sherry

3444

02:25:45,830 --> 02:25:44,160

and i went hey honey you think then

3445

02:25:47,270 --> 02:25:45,840

things are real and i'm gonna look for

3446

02:25:48,630 --> 02:25:47,280

that because i'm at my new job and i

3447

02:25:50,630 --> 02:25:48,640

can't yes

3448

02:25:53,030 --> 02:25:50,640

what happened was when he did the follow

3449

02:25:54,710 --> 02:25:53,040

up with cnn he was very straight she

3450

02:25:56,309 --> 02:25:54,720

asked him really good questions i

3451

02:25:58,870 --> 02:25:56,319

actually wrote a second story about the

3452

02:26:02,309 --> 02:25:58,880

same thing like three days later because

3453

02:26:05,270 --> 02:26:02,319

he doubled down and since then he was at

3454

02:26:08,710 --> 02:26:05,280

the event with uh avril haynes

3455

02:26:10,469 --> 02:26:08,720

and uh oh she's the you know odinn i i

3456

02:26:13,590 --> 02:26:10,479

think the new head of defense

3457

02:26:15,590 --> 02:26:13,600

intelligence i forget abby loeb avilo

3458

02:26:18,469 --> 02:26:15,600

and uh

3459

02:26:20,630 --> 02:26:18,479

cathedral jeff bezos was there was it

3460

02:26:22,389 --> 02:26:20,640

the washington national cathedral yes

3461

02:26:24,070 --> 02:26:22,399

and when he was at that event and i

3462

02:26:25,670 --> 02:26:24,080

wrote about this in the another article

3463

02:26:28,070 --> 02:26:25,680

i said the thing that really struck me

3464

02:26:33,110 --> 02:26:30,230

they were talking about the search for

3465

02:26:35,270 --> 02:26:33,120

life in a conventional james webb

3466

02:26:37,270 --> 02:26:35,280

dig the rocks up on mars and bring him

3467

02:26:38,870 --> 02:26:37,280

back and look for a hey we found an

3468

02:26:39,670 --> 02:26:38,880

amiibo on mars

3469

02:26:40,469 --> 02:26:39,680

right

3470

02:26:44,070 --> 02:26:40,479

and

3471

02:26:46,790 --> 02:26:44,080

he starts bringing up the tic-tac

3472

02:26:48,309 --> 02:26:46,800

and the military and the three videos

3473

02:26:50,389 --> 02:26:48,319

that have been released and what he's

3474

02:26:51,830 --> 02:26:50,399

hearing from pilots and i can tell you

3475

02:26:53,590 --> 02:26:51,840

it's the same thing we here at the

3476  
02:26:55,670 --> 02:26:53,600  
debris from pilots we're not always able

3477  
02:26:58,710 --> 02:26:55,680  
to write about it but i did write about

3478  
02:27:02,710 --> 02:26:58,720  
when ryan graves the you know uh navy

3479  
02:27:04,389 --> 02:27:02,720  
pilot who is a witness told me i i

3480  
02:27:06,150 --> 02:27:04,399  
talked to air force pilots even though

3481  
02:27:07,830 --> 02:27:06,160  
the the air force itself has not been

3482  
02:27:09,349 --> 02:27:07,840  
public on this issue

3483  
02:27:11,670 --> 02:27:09,359  
i talked to air force pilots and this

3484  
02:27:14,070 --> 02:27:11,680  
was in august he told me i talked to him

3485  
02:27:15,110 --> 02:27:14,080  
last week and they're still seeing it

3486  
02:27:17,110 --> 02:27:15,120  
right

3487  
02:27:19,670 --> 02:27:17,120  
bill nelson brought that up at that

3488  
02:27:21,510 --> 02:27:19,680

national cathedral event he connect he

3489

02:27:23,429 --> 02:27:21,520

did exactly what i'm talking about is he

3490

02:27:26,150 --> 02:27:23,439

took this mainstream

3491

02:27:27,910 --> 02:27:26,160

nasa's mission to look at meteorites and

3492

02:27:29,830 --> 02:27:27,920

all these other pla to really understand

3493

02:27:32,630 --> 02:27:29,840

the cosmos and within that one of its

3494

02:27:36,389 --> 02:27:32,640

missions is to to look for life to like

3495

02:27:38,070 --> 02:27:36,399

oh no no no that's what we do it's our

3496

02:27:38,950 --> 02:27:38,080

job

3497

02:27:42,070 --> 02:27:38,960

right

3498

02:27:45,030 --> 02:27:42,080

yes we search for light so

3499

02:27:46,389 --> 02:27:45,040

if if they're here and they're in our

3500

02:27:48,309 --> 02:27:46,399

atmosphere

3501  
02:27:50,389 --> 02:27:48,319  
you know it kind of shortcuts the search

3502  
02:27:51,990 --> 02:27:50,399  
a little bit but hey who's who's not

3503  
02:27:54,150 --> 02:27:52,000  
interested in skipping to the end if we

3504  
02:27:56,469 --> 02:27:54,160  
can get to the end right i don't mind

3505  
02:27:59,990 --> 02:27:56,479  
going through the process of venus and

3506  
02:28:02,150 --> 02:28:00,000  
mars and gases and exoplanets because

3507  
02:28:04,070 --> 02:28:02,160  
i grew up in a world where ufos were so

3508  
02:28:06,550 --> 02:28:04,080  
ridiculed i just assumed that would

3509  
02:28:08,630 --> 02:28:06,560  
never come to a head in my lifetime the

3510  
02:28:11,110 --> 02:28:08,640  
fact that it's coming to a head in a way

3511  
02:28:13,349 --> 02:28:11,120  
that like people behind the scenes are

3512  
02:28:15,110 --> 02:28:13,359  
going yeah i've seen this video i've

3513  
02:28:17,349 --> 02:28:15,120

seen these amazing photos i've seen

3514

02:28:19,349 --> 02:28:17,359

these things i say all the time lou

3515

02:28:20,870 --> 02:28:19,359

elizondo and his cohorts for better or

3516

02:28:22,790 --> 02:28:20,880

worse

3517

02:28:25,590 --> 02:28:22,800

create an information bubble that has to

3518

02:28:28,070 --> 02:28:25,600

burst we now know there's this longer

3519

02:28:29,750 --> 02:28:28,080

video congress saw we now know there's

3520

02:28:32,389 --> 02:28:29,760

all these things at least those the

3521

02:28:34,790 --> 02:28:32,399

selected members and intelligence so now

3522

02:28:37,110 --> 02:28:34,800

that there's no longer does is there a

3523

02:28:39,990 --> 02:28:37,120

picture of the calvine photo or is nick

3524

02:28:41,750 --> 02:28:40,000

pope a goofball right no this is it's

3525

02:28:43,750 --> 02:28:41,760

real it's there we have it that

3526

02:28:45,510 --> 02:28:43,760

information is there that bubble will

3527

02:28:48,070 --> 02:28:45,520

burst at some point whether it's tim

3528

02:28:49,670 --> 02:28:48,080

mcmillan or micah hanks or what you know

3529

02:28:51,590 --> 02:28:49,680

one of these other reporters somebody's

3530

02:28:54,630 --> 02:28:51,600

going to have that information we're

3531

02:28:56,870 --> 02:28:54,640

going to have that at some point we

3532

02:28:59,750 --> 02:28:56,880

or history goes down as

3533

02:29:03,590 --> 02:28:59,760

really they shut this thing down like in

3534

02:29:05,750 --> 02:29:03,600

a crazy way like in a in a 1984

3535

02:29:08,230 --> 02:29:05,760

dystopian way right right

3536

02:29:10,790 --> 02:29:08,240

i don't see coming because here's the

3537

02:29:12,790 --> 02:29:10,800

the last point i'll make on that

3538

02:29:15,590 --> 02:29:12,800

when i talk to mainstream scientists a

3539

02:29:17,349 --> 02:29:15,600

lot of them are younger than me now

3540

02:29:20,469 --> 02:29:17,359

a lot of them are in their 30s and 40s

3541

02:29:23,349 --> 02:29:20,479

and some are even in their 20s

3542

02:29:25,190 --> 02:29:23,359

when blue books shut down

3543

02:29:27,270 --> 02:29:25,200

if you went around and surveyed every

3544

02:29:28,790 --> 02:29:27,280

scientist from those at the top to the

3545

02:29:31,190 --> 02:29:28,800

ones down at

3546

02:29:33,349 --> 02:29:31,200

uh science at harvard universities

3547

02:29:35,510 --> 02:29:33,359

getting their bachelor's

3548

02:29:38,070 --> 02:29:35,520

the general opinion

3549

02:29:40,469 --> 02:29:38,080

the general attitude about life other

3550

02:29:43,110 --> 02:29:40,479

planets even existing much less life on

3551  
02:29:46,309 --> 02:29:43,120  
them but life on other planets

3552  
02:29:49,750 --> 02:29:46,319  
was a pretty ridiculous notion

3553  
02:29:51,830 --> 02:29:49,760  
it's more or less the de facto position

3554  
02:29:54,870 --> 02:29:51,840  
of scientists i talk i talk to people

3555  
02:29:57,190 --> 02:29:54,880  
about coral biology and they'll tell me

3556  
02:29:59,349 --> 02:29:57,200  
oh yeah corals talk to each other and we

3557  
02:30:01,030 --> 02:29:59,359  
think because of the dynamics of water

3558  
02:30:02,950 --> 02:30:01,040  
there might be some convergent evolution

3559  
02:30:05,030 --> 02:30:02,960  
and one of the things we might find up

3560  
02:30:06,710 --> 02:30:05,040  
in europa under the waters we might find

3561  
02:30:08,790 --> 02:30:06,720  
some coral right or we might find some

3562  
02:30:12,230 --> 02:30:08,800  
squids or what

3563  
02:30:13,349 --> 02:30:12,240

it's just the place we're operating from

3564

02:30:15,349 --> 02:30:13,359

just the

3565

02:30:17,110 --> 02:30:15,359

as my wife likes to say older people

3566

02:30:19,270 --> 02:30:17,120

with old ideas die and new people with

3567

02:30:21,670 --> 02:30:19,280

new ideas are born right and we have a

3568

02:30:23,510 --> 02:30:21,680

world of people that have grown up

3569

02:30:25,990 --> 02:30:23,520

that they didn't have to find in search

3570

02:30:27,590 --> 02:30:26,000

of on videotape at the video store if

3571

02:30:30,230 --> 02:30:27,600

they missed an episode they can just go

3572

02:30:32,950 --> 02:30:30,240

to the internet and immerse themselves

3573

02:30:33,750 --> 02:30:32,960

like dave chappelle in ufo videos

3574

02:30:34,870 --> 02:30:33,760

so

3575

02:30:37,670 --> 02:30:34,880

yeah

3576

02:30:38,870 --> 02:30:37,680

we're in a whole new world with this and

3577

02:30:40,790 --> 02:30:38,880

yeah i would

3578

02:30:42,710 --> 02:30:40,800

it's amazing it really is amazing the

3579

02:30:44,469 --> 02:30:42,720

tools this james webb

3580

02:30:47,110 --> 02:30:44,479

from a conventional science standpoint

3581

02:30:48,870 --> 02:30:47,120

will change everything and the ufo

3582

02:30:49,490 --> 02:30:48,880

discussion is just in a whole new place

3583

02:30:50,630 --> 02:30:49,500

and yeah

3584

02:30:52,550 --> 02:30:50,640

[Music]

3585

02:30:54,309 --> 02:30:52,560

that's what's amazing like i said i got

3586

02:30:55,830 --> 02:30:54,319

hired at the debrief i said i'm not

3587

02:30:58,070 --> 02:30:55,840

writing about ufos right listen no

3588

02:31:01,110 --> 02:30:58,080

you're writing about science and halfway

3589

02:31:02,950 --> 02:31:01,120

into my first year the head of nasa is

3590

02:31:05,030 --> 02:31:02,960

talking about ufos so who's going to

3591

02:31:07,510 --> 02:31:05,040

cover that it's my job right yeah and

3592

02:31:10,389 --> 02:31:07,520

yeah well i'm not covering it and i see

3593

02:31:12,230 --> 02:31:10,399

that more my worlds are overlapping my

3594

02:31:13,910 --> 02:31:12,240

my personal interest in ufos and my

3595

02:31:17,110 --> 02:31:13,920

professional responsibility to write

3596

02:31:19,030 --> 02:31:17,120

about science are starting to overlap

3597

02:31:20,950 --> 02:31:19,040

it's doing the same thing all around the

3598

02:31:22,389 --> 02:31:20,960

world now this is the deal

3599

02:31:24,230 --> 02:31:22,399

chris

3600

02:31:25,830 --> 02:31:24,240

you're staying over

3601

02:31:27,990 --> 02:31:25,840

for overtime

3602

02:31:29,590 --> 02:31:28,000

okay so you can tell your wife uh i've

3603

02:31:32,150 --> 02:31:29,600

got other stuff to do i've got a date

3604

02:31:34,870 --> 02:31:32,160

tonight uh with jimmy church and

3605

02:31:36,950 --> 02:31:34,880

i need another 20 minutes

3606

02:31:39,030 --> 02:31:36,960

we've been together for 27 years the

3607

02:31:41,349 --> 02:31:39,040

best thing i can tell her is she has 20

3608

02:31:43,590 --> 02:31:41,359

more minutes without me so

3609

02:31:45,750 --> 02:31:43,600

uh you just made her like when i should

3610

02:31:47,670 --> 02:31:45,760

walk out of the office 30 minutes from

3611

02:31:49,110 --> 02:31:47,680

now she's going to be like tell jimmy i

3612

02:31:51,110 --> 02:31:49,120

love him

3613

02:31:54,070 --> 02:31:51,120

she's the best let's take our break

3614

02:31:57,429 --> 02:31:54,080

we've got more to talk about and here's

3615

02:32:00,950 --> 02:31:57,439

as we roll into the break uh

3616

02:32:02,870 --> 02:32:00,960

an astronomer a year ago a chris uh in

3617

02:32:04,550 --> 02:32:02,880

this documentary

3618

02:32:07,270 --> 02:32:04,560

the question was when will you find your

3619

02:32:10,469 --> 02:32:07,280

next exoplanet and she goes when i go to

3620

02:32:14,630 --> 02:32:12,309

i know right let's take our break we'll

3621

02:32:18,410 --> 02:32:14,640

be right back stay with us overtime is

3622

02:32:18,420 --> 02:32:34,710

[Music]

3623

02:32:38,389 --> 02:32:36,790

you're listening to jimmy church and

3624

02:32:43,349 --> 02:32:38,399

fade to black

3625

02:32:47,590 --> 02:32:45,190

hey what up y'all should go biblical fox

3626

02:32:52,870 --> 02:32:47,600

here and you are listening to my boy

3627

02:33:03,990 --> 02:32:55,349

despite popular opinion

3628

02:33:09,349 --> 02:33:06,309

this is jimmy church and i personally

3629

02:33:11,910 --> 02:33:09,359

invite you to the 2022 conscious life

3630

02:33:15,030 --> 02:33:11,920

expo this february 4th through the 7th

3631

02:33:17,190 --> 02:33:15,040

live at the lax hilton in los angeles

3632

02:33:19,830 --> 02:33:17,200

california this year we have the most

3633

02:33:23,270 --> 02:33:19,840

exciting speakers including linda multan

3634

02:33:26,070 --> 02:33:23,280

howe jacques valet whitley strieber adam

3635

02:33:29,349 --> 02:33:26,080

apollo billy carson daryl inca and

3636

02:33:32,309 --> 02:33:29,359

bashar william henry caroline corey

3637

02:33:34,950 --> 02:33:32,319

susan slaughter danien brinkley sarah

3638

02:33:37,349 --> 02:33:34,960

bressman cosme george nori gayle

3639

02:33:39,750 --> 02:33:37,359

thackray and many many more i will be

3640

02:33:42,230 --> 02:33:39,760

hosting all weekend long including the

3641

02:33:44,469 --> 02:33:42,240

keynote ancient secrets panel on friday

3642

02:33:46,630 --> 02:33:44,479

night five vendor and exhibit halls

3643

02:33:49,270 --> 02:33:46,640

three floors of speakers panels and

3644

02:33:51,349 --> 02:33:49,280

celebration this is the biggest event of

3645

02:33:53,710 --> 02:33:51,359

the year and early bird passes are

3646

02:33:55,830 --> 02:33:53,720

available now just go to

3647

02:33:57,670 --> 02:33:55,840

consciouslifeexpo.com for the schedule

3648

02:34:00,469 --> 02:33:57,680

speakers and information that's

3649

02:34:02,150 --> 02:34:00,479

consciouslifeexpo.com

3650

02:34:05,030 --> 02:34:02,160

this is jimmy church of fade to black

3651  
02:34:08,150 --> 02:34:05,040  
and i take life change t supplements

3652  
02:34:09,670 --> 02:34:08,160  
every single day it's what i do

3653  
02:34:12,230 --> 02:34:09,680  
click on their banner at

3654  
02:34:13,910 --> 02:34:12,240  
jimmychurchradio.com

3655  
02:34:16,550 --> 02:34:13,920  
are you ready to read about true

3656  
02:34:19,349 --> 02:34:16,560  
paranormal events unex media publishes

3657  
02:34:21,750 --> 02:34:19,359  
non-fiction books about ufos ghosts and

3658  
02:34:25,030 --> 02:34:21,760  
haunted places time anomalies cryptid

3659  
02:34:27,190 --> 02:34:25,040  
creatures and more just like kunx db

3660  
02:34:31,270 --> 02:34:27,200  
radio it's all about unexplained

3661  
02:34:33,349 --> 02:34:31,280  
phenomena visit www

3662  
02:34:35,510 --> 02:34:33,359  
to see our list of great book titles by

3663  
02:34:37,990 --> 02:34:35,520

debbie zigglemeyer gene walker devin

3664

02:34:40,230 --> 02:34:38,000

listrom wayne lawrence bill spicer and

3665

02:34:44,630 --> 02:34:40,240

yours truly margie k that's on

3666

02:34:49,429 --> 02:34:46,790

when you take the beans from central

3667

02:34:51,830 --> 02:34:49,439

america with dashes of indonesian and

3668

02:34:54,950 --> 02:34:51,840

african mixed in and then roasted to the

3669

02:34:57,510 --> 02:34:54,960

dark side of fade to black you create

3670

02:35:00,469 --> 02:34:57,520

the ultimate brew of fringe

3671

02:35:03,750 --> 02:35:00,479

introducing the fade to black blend from

3672

02:35:06,550 --> 02:35:03,760

river moon coffee yes river moon's

3673

02:35:09,349 --> 02:35:06,560

darkest customized roast was created for

3674

02:35:11,910 --> 02:35:09,359

the love of fade to black

3675

02:35:14,550 --> 02:35:11,920

the alchemy of masterful roasting and

3676

02:35:18,150 --> 02:35:14,560

smoking the beans is in every sip of

3677

02:35:21,110 --> 02:35:18,160

this full-bodied dark java i need my

3678

02:35:23,349 --> 02:35:21,120

coffee doc deep with distinct

3679

02:35:26,070 --> 02:35:23,359

bittersweet chocolate highlights just

3680

02:35:28,710 --> 02:35:26,080

like the bunker leaning further into the

3681

02:35:31,830 --> 02:35:28,720

darkness of the roast is fade to black

3682

02:35:33,990 --> 02:35:31,840

blend from river moon coffee just click

3683

02:35:37,670 --> 02:35:34,000

on the banner at jimmychurchradio.com

3684

02:35:41,670 --> 02:35:37,680

and use the promo code f2b blend for 15

3685

02:35:43,510 --> 02:35:41,680

off of your order today

3686

02:35:46,790 --> 02:35:43,520

this is billy carson with forbidden

3687

02:35:48,790 --> 02:35:46,800

knowledge dot tv forbidden knowledge tv

3688

02:35:51,990 --> 02:35:48,800

has just reached its one year

3689

02:35:54,230 --> 02:35:52,000

anniversary that's right one year and as

3690

02:35:57,030 --> 02:35:54,240

a show of appreciation we are giving all

3691

02:36:00,150 --> 02:35:57,040

new subscribers a free 30-day trial of

3692

02:36:03,270 --> 02:36:00,160

forbidden knowledge dot tv that's 30

3693

02:36:05,830 --> 02:36:03,280

days to binge watch thousands of movies

3694

02:36:08,790 --> 02:36:05,840

documentaries conferences workshops

3695

02:36:11,429 --> 02:36:08,800

lectures yoga classes meditation courses

3696

02:36:13,750 --> 02:36:11,439

and so much more so log on to forbidden

3697

02:36:15,910 --> 02:36:13,760

knowledge dot tv from your computer or

3698

02:36:20,550 --> 02:36:15,920

mobile device or get the forbidden

3699

02:36:23,590 --> 02:36:20,560

knowledge tv app on apple tv roku amazon

3700

02:36:27,190 --> 02:36:23,600

itunes or google play today and use

3701  
02:36:29,670 --> 02:36:27,200  
coupon code 30 days free that's coupon

3702  
02:36:32,900 --> 02:36:29,680  
code 30 days free on forbidden knowledge

3703  
02:36:35,990 --> 02:36:32,910  
dot tv today

3704  
02:36:38,150 --> 02:36:36,000  
[Music]

3705  
02:36:40,950 --> 02:36:38,160  
are you intrigued by paranormal talk

3706  
02:36:43,670 --> 02:36:40,960  
radio you love the new paranormal radio

3707  
02:36:45,429 --> 02:36:43,680  
app from talk stream live

3708  
02:36:48,309 --> 02:36:45,439  
you'll find a great selection of talk

3709  
02:36:50,389 --> 02:36:48,319  
shows covering ufos ghosts strange

3710  
02:36:52,790 --> 02:36:50,399  
phenomena and much more

3711  
02:36:54,550 --> 02:36:52,800  
download the paranormal radio app now

3712  
02:36:56,950 --> 02:36:54,560  
and start listening to the very best in

3713  
02:36:58,550 --> 02:36:56,960

paranormal talk entertainment including

3714

02:37:01,590 --> 02:36:58,560

the network you're listening to right

3715

02:37:13,110 --> 02:37:01,600

now the paranormal radio app free in

3716

02:37:19,910 --> 02:37:16,230

it's not a lifestyle we chose we were

3717

02:37:23,740 --> 02:37:19,920

born this way this is kj cr

3718

02:37:38,070 --> 02:37:33,980

[Music]

3719

02:37:42,070 --> 02:37:38,080

welcome back fade to black i'm your host

3720

02:37:44,950 --> 02:37:42,080

jimmy church over time with chris plain

3721

02:37:46,710 --> 02:37:44,960

you saw this coming nobody's surprised

3722

02:37:47,990 --> 02:37:46,720

there's no way

3723

02:37:50,469 --> 02:37:48,000

the show was ending what a great

3724

02:37:52,070 --> 02:37:50,479

conversation tonight and uh chris when

3725

02:37:53,830 --> 02:37:52,080

we get to overtime

3726

02:37:55,590 --> 02:37:53,840

i like to loosen up a little bit

3727

02:37:58,150 --> 02:37:55,600

although we've been uh pretty loose

3728

02:37:59,670 --> 02:37:58,160

tonight uh dehydrated seaweed i'm just

3729

02:38:01,110 --> 02:37:59,680

gonna say that one more time

3730

02:38:02,950 --> 02:38:01,120

is uh

3731

02:38:04,950 --> 02:38:02,960

and you're going to get some blowback uh

3732

02:38:07,750 --> 02:38:04,960

about dehydrated seaweed tomorrow from

3733

02:38:11,830 --> 02:38:07,760

one of your co-workers but uh we'll save

3734

02:38:17,349 --> 02:38:16,070

yes yes yes um is is

3735

02:38:20,230 --> 02:38:17,359

star trek

3736

02:38:23,910 --> 02:38:20,240

now before we get into this um

3737

02:38:24,950 --> 02:38:23,920

uh i i like the og star trek okay all

3738

02:38:27,670 --> 02:38:24,960

right

3739

02:38:28,550 --> 02:38:27,680

that to me is

3740

02:38:31,030 --> 02:38:28,560

but

3741

02:38:32,870 --> 02:38:31,040

star trek discovery

3742

02:38:35,750 --> 02:38:32,880

messed with my head that was just

3743

02:38:38,070 --> 02:38:35,760

absolutely amazing and uh season three

3744

02:38:41,349 --> 02:38:38,080

is is getting ready to launch and i'm

3745

02:38:43,670 --> 02:38:41,359

very excited about that but um picard

3746

02:38:45,510 --> 02:38:43,680

all the i i don't have the time to

3747

02:38:48,230 --> 02:38:45,520

invest into that

3748

02:38:49,990 --> 02:38:48,240

but uh i certainly uh

3749

02:38:51,990 --> 02:38:50,000

uh thoroughly enjoyed star trek

3750

02:38:53,030 --> 02:38:52,000

discovery uh just

3751  
02:38:54,630 --> 02:38:53,040  
just great

3752  
02:38:57,349 --> 02:38:54,640  
but uh

3753  
02:38:58,630 --> 02:38:57,359  
your article uh

3754  
02:39:03,510 --> 02:38:58,640  
seven

3755  
02:39:05,429 --> 02:39:03,520  
uh technologies

3756  
02:39:07,270 --> 02:39:05,439  
they're nearing reality something along

3757  
02:39:09,030 --> 02:39:07,280  
those lines something along those lines

3758  
02:39:12,790 --> 02:39:09,040  
and and i want to go down this list with

3759  
02:39:14,309 --> 02:39:12,800  
you if we can because just recently um i

3760  
02:39:16,469 --> 02:39:14,319  
don't know if you caught this but it

3761  
02:39:17,990 --> 02:39:16,479  
made it into uh the media

3762  
02:39:19,750 --> 02:39:18,000  
uh that

3763  
02:39:22,389 --> 02:39:19,760

the tricorder

3764

02:39:25,270 --> 02:39:22,399

is is now perfected you know this it's

3765

02:39:27,670 --> 02:39:25,280

here and now so

3766

02:39:29,910 --> 02:39:27,680

uh what chuck tickled it's interesting

3767

02:39:32,950 --> 02:39:29,920

you would use the tricorder what tickled

3768

02:39:35,510 --> 02:39:32,960

this idea for me was micah hanks had

3769

02:39:36,830 --> 02:39:35,520

written a story at the debrief about

3770

02:39:40,630 --> 02:39:36,840

how

3771

02:39:42,870 --> 02:39:40,640

scientists were using a helicopter

3772

02:39:45,349 --> 02:39:42,880

and they could fly over the ground and

3773

02:39:48,070 --> 02:39:45,359

using certain sets of readings they

3774

02:39:49,990 --> 02:39:48,080

could tell if there was life down there

3775

02:39:52,150 --> 02:39:50,000

now anybody who's watched star trek of

3776

02:39:54,550 --> 02:39:52,160

any type can tell you that the ships

3777

02:39:56,630 --> 02:39:54,560

pull up into orbit then they go i'm

3778

02:39:58,630 --> 02:39:56,640

picking up signs of life or as you said

3779

02:40:00,389 --> 02:39:58,640

they're walking around on some orange

3780

02:40:01,910 --> 02:40:00,399

planet or something and they've got

3781

02:40:04,630 --> 02:40:01,920

their tricorder in their hand and they

3782

02:40:06,550 --> 02:40:04,640

go i'm picking up signs of life now

3783

02:40:07,830 --> 02:40:06,560

there's also the medical application

3784

02:40:09,670 --> 02:40:07,840

tricorder you get right down to

3785

02:40:11,670 --> 02:40:09,680

somebody's body and your skin and their

3786

02:40:13,750 --> 02:40:11,680

body that's a whole other thing but i

3787

02:40:14,550 --> 02:40:13,760

can tell you that the thing micah wrote

3788

02:40:17,349 --> 02:40:14,560

about

3789

02:40:19,590 --> 02:40:17,359

was this remote sensing of life

3790

02:40:20,710 --> 02:40:19,600

and i said man that's right out of star

3791

02:40:23,030 --> 02:40:20,720

trek

3792

02:40:24,870 --> 02:40:23,040

and i thought of the the communicator

3793

02:40:27,030 --> 02:40:24,880

right we were talking about cell phones

3794

02:40:28,230 --> 02:40:27,040

earlier and i went hell we've had that

3795

02:40:30,309 --> 02:40:28,240

for a while

3796

02:40:32,950 --> 02:40:30,319

and then i thought about

3797

02:40:35,349 --> 02:40:32,960

the computer on star trek on the ship

3798

02:40:38,150 --> 02:40:35,359

that you would computer right scotty

3799

02:40:40,710 --> 02:40:38,160

would say computer and then the computer

3800

02:40:42,870 --> 02:40:40,720

would respond and that was of course uh

3801  
02:40:45,349 --> 02:40:42,880  
gene roddenberry's wife majol barrett

3802  
02:40:48,710 --> 02:40:45,359  
did the computer voice for like five of

3803  
02:40:50,389 --> 02:40:48,720  
the series i think but uh we already

3804  
02:40:53,269 --> 02:40:50,399  
have that right we have alexa we have

3805  
02:40:54,070 --> 02:40:53,279  
siri so it just triggered that idea i

3806  
02:40:56,710 --> 02:40:54,080  
said

3807  
02:40:58,550 --> 02:40:56,720  
what star trek technologies

3808  
02:41:00,230 --> 02:40:58,560  
have already come true

3809  
02:41:03,110 --> 02:41:00,240  
and which ones

3810  
02:41:05,349 --> 02:41:03,120  
are likely or could possibly come true

3811  
02:41:07,269 --> 02:41:05,359  
and are there any that just seem

3812  
02:41:09,590 --> 02:41:07,279  
impossible

3813  
02:41:12,469 --> 02:41:09,600

and so that was the genesis for that

3814

02:41:14,790 --> 02:41:12,479

story it came from micah it came from my

3815

02:41:15,590 --> 02:41:14,800

love of science fiction and and

3816

02:41:17,990 --> 02:41:15,600

and

3817

02:41:20,710 --> 02:41:18,000

i i the term i use all the time when

3818

02:41:23,990 --> 02:41:20,720

speaking about scientists is i say good

3819

02:41:25,990 --> 02:41:24,000

science fiction makes for great science

3820

02:41:28,790 --> 02:41:26,000

and it's completely true because when

3821

02:41:31,590 --> 02:41:28,800

you talk to scientists there are very

3822

02:41:34,230 --> 02:41:31,600

few with any especially in things like

3823

02:41:37,190 --> 02:41:34,240

propulsion or fusion energy or these

3824

02:41:39,429 --> 02:41:37,200

these very edge ideas that weren't

3825

02:41:40,550 --> 02:41:39,439

heavily influenced by science fiction

3826

02:41:43,110 --> 02:41:40,560

growing up

3827

02:41:44,790 --> 02:41:43,120

so i thought man let's go take a look at

3828

02:41:45,990 --> 02:41:44,800

star trek and see

3829

02:41:48,070 --> 02:41:46,000

what else

3830

02:41:49,670 --> 02:41:48,080

what be now that we have

3831

02:41:52,469 --> 02:41:49,680

the computer you can talk to and we have

3832

02:41:53,990 --> 02:41:52,479

the communicator and and he's reporting

3833

02:41:56,790 --> 02:41:54,000

that we have the tricorder as you

3834

02:41:59,030 --> 02:41:56,800

pointed out or the or the life sensor

3835

02:42:01,990 --> 02:41:59,040

what do we do next what's the next stop

3836

02:42:05,590 --> 02:42:02,000

so i i've started breaking them down

3837

02:42:07,269 --> 02:42:05,600

i i'm looking through i have some

3838

02:42:09,429 --> 02:42:07,279

photographs

3839

02:42:11,429 --> 02:42:09,439

of me

3840

02:42:12,630 --> 02:42:11,439

with the

3841

02:42:14,309 --> 02:42:12,640

original

3842

02:42:16,710 --> 02:42:14,319

communicator

3843

02:42:18,870 --> 02:42:16,720

fantastic yeah and uh so that's what i'm

3844

02:42:20,469 --> 02:42:18,880

doing here and you know what just like

3845

02:42:21,349 --> 02:42:20,479

anything else

3846

02:42:24,630 --> 02:42:21,359

uh

3847

02:42:26,150 --> 02:42:24,640

and

3848

02:42:29,830 --> 02:42:26,160

what are you looking for in my article

3849

02:42:31,190 --> 02:42:29,840

no a picture of me with uh

3850

02:42:32,950 --> 02:42:31,200

with the original

3851

02:42:36,309 --> 02:42:32,960

and um also i thought you meant you

3852

02:42:38,630 --> 02:42:36,319

already had it uh no no okay so

3853

02:42:41,750 --> 02:42:38,640

well it and just like you know the

3854

02:42:43,910 --> 02:42:41,760

communicator and you're going back to 68

3855

02:42:46,710 --> 02:42:43,920

and flipping that thing up

3856

02:42:47,910 --> 02:42:46,720

if that isn't you know just a motorola

3857

02:42:49,990 --> 02:42:47,920

flip phone

3858

02:42:53,510 --> 02:42:50,000

right there isn't another

3859

02:42:55,110 --> 02:42:53,520

and and we never uh imagined

3860

02:42:56,790 --> 02:42:55,120

that it would be

3861

02:42:57,990 --> 02:42:56,800

as common

3862

02:43:00,630 --> 02:42:58,000

as

3863

02:43:02,309 --> 02:43:00,640

what milk in the refrigerator right it's

3864

02:43:04,630 --> 02:43:02,319

it's it's like that

3865

02:43:08,150 --> 02:43:04,640

i think the first

3866

02:43:09,670 --> 02:43:08,160

customized ring tone had to be flipping

3867

02:43:11,670 --> 02:43:09,680

open your phone and have it do the

3868

02:43:13,429 --> 02:43:11,680

communicator sound yeah i mean i saw

3869

02:43:15,830 --> 02:43:13,439

people build that in later as the

3870

02:43:17,830 --> 02:43:15,840

ringtones became more popular yeah it

3871

02:43:19,830 --> 02:43:17,840

was it's like i talked about with the

3872

02:43:22,469 --> 02:43:19,840

with the shoe phone or as you said with

3873

02:43:24,469 --> 02:43:22,479

the wrist watch phone to sew out their

3874

02:43:27,190 --> 02:43:24,479

concepts but technology is moving so

3875

02:43:29,910 --> 02:43:27,200

fast that that in our lifetime guys like

3876

02:43:31,990 --> 02:43:29,920

you and i went from like dude my friend

3877

02:43:33,750 --> 02:43:32,000

has cable tv

3878

02:43:37,110 --> 02:43:33,760

where you don't have to pick it up on an

3879

02:43:38,790 --> 02:43:37,120

antenna to like ah the weather is bad my

3880

02:43:40,630 --> 02:43:38,800

satellite's a little scratchy today

3881

02:43:43,110 --> 02:43:40,640

right you know for my effing satellite

3882

02:43:44,710 --> 02:43:43,120

you're getting here so yeah i

3883

02:43:48,070 --> 02:43:44,720

i know

3884

02:43:51,269 --> 02:43:48,080

so well you told me to loosen up yes

3885

02:43:52,710 --> 02:43:51,279

so let's go down this list all right so

3886

02:43:54,469 --> 02:43:52,720

i i don't have it right in front of me

3887

02:43:57,190 --> 02:43:54,479

but i can i can do most of them from

3888

02:43:58,550 --> 02:43:57,200

memory i think so first of all i looked

3889

02:44:00,230 --> 02:43:58,560

at food replicators right because

3890

02:44:01,590 --> 02:44:00,240

there's something in the uh some in the

3891

02:44:04,230 --> 02:44:01,600

star trek world where you walk at the

3892

02:44:05,830 --> 02:44:04,240

machine you go t earl grey hot or or you

3893

02:44:09,030 --> 02:44:05,840

say give me a lasagna light on the

3894

02:44:10,469 --> 02:44:09,040

cheese and boom it's there right

3895

02:44:13,110 --> 02:44:10,479

so

3896

02:44:15,190 --> 02:44:13,120

that technology in the tv show seems to

3897

02:44:16,269 --> 02:44:15,200

use something like the transporter beam

3898

02:44:18,630 --> 02:44:16,279

where it's

3899

02:44:22,150 --> 02:44:18,640

materializing the food

3900

02:44:23,910 --> 02:44:22,160

so that technology doesn't exist but

3901

02:44:28,070 --> 02:44:23,920

what i did find was

3902

02:44:32,070 --> 02:44:28,080

these essential like 3d printers that

3903

02:44:33,910 --> 02:44:32,080

have been customized to put food out in

3904

02:44:36,230 --> 02:44:33,920

various proportions in various

3905

02:44:37,830 --> 02:44:36,240

collections to where there's actually a

3906

02:44:40,710 --> 02:44:37,840

couple of these restaurants including

3907

02:44:43,990 --> 02:44:40,720

one in new york that you can go to that

3908

02:44:46,469 --> 02:44:44,000

offers 3d printed food and you just say

3909

02:44:49,030 --> 02:44:46,479

ah give me a you know a hamburger and

3910

02:44:51,590 --> 02:44:49,040

fries and it prints the closest

3911

02:44:54,790 --> 02:44:51,600

approximation of that from the right

3912

02:44:58,150 --> 02:44:54,800

ingredients wait wait wait wait wait

3913

02:44:59,670 --> 02:44:58,160

slow this does this isn't real yeah so

3914

02:45:00,870 --> 02:44:59,680

it's not going to make you a hamburger

3915

02:45:03,269 --> 02:45:00,880

and a bonnet that you're not going to

3916

02:45:05,990 --> 02:45:03,279

look at it go but

3917

02:45:07,910 --> 02:45:06,000

think of a frozen food tray when you

3918

02:45:10,070 --> 02:45:07,920

tear it open right yeah and you've got

3919

02:45:12,230 --> 02:45:10,080

your brown glop your green glop your

3920

02:45:15,349 --> 02:45:12,240

yellow glop and your white glove this

3921

02:45:17,510 --> 02:45:15,359

will make that kind of army ration food

3922

02:45:19,910 --> 02:45:17,520

from different foods that are in there

3923

02:45:21,429 --> 02:45:19,920

that are cooking within this machine or

3924

02:45:23,910 --> 02:45:21,439

have been put in there that are cracked

3925

02:45:25,429 --> 02:45:23,920

like vegetables and things and yes

3926

02:45:28,309 --> 02:45:25,439

they're using it at a handful of

3927

02:45:30,710 --> 02:45:28,319

hospitals where it's basically a robot

3928

02:45:33,269 --> 02:45:30,720

replacing the cook right

3929

02:45:34,790 --> 02:45:33,279

so you could say like chicken soup

3930

02:45:36,469 --> 02:45:34,800

yeah and it's going to make you a

3931

02:45:39,110 --> 02:45:36,479

chicken give you a menu of what's

3932

02:45:41,510 --> 02:45:39,120

available in that machine right right so

3933

02:45:43,030 --> 02:45:41,520

at the restaurant they give you a menu

3934

02:45:44,710 --> 02:45:43,040

and you pick

3935

02:45:47,190 --> 02:45:44,720

from the things that are available and

3936

02:45:48,550 --> 02:45:47,200

yes if you say

3937

02:45:50,710 --> 02:45:48,560

print me uh

3938

02:45:54,070 --> 02:45:50,720

you know enchiladas it'll print

3939

02:45:56,469 --> 02:45:54,080

enchiladas if you say uh print me a veal

3940

02:46:01,910 --> 02:45:56,479

if that's what's in the machine as meat

3941

02:46:05,349 --> 02:46:04,309

so yeah it's a that was the first one i

3942

02:46:07,910 --> 02:46:05,359

looked at

3943

02:46:10,870 --> 02:46:07,920

that's the closest we are

3944

02:46:13,110 --> 02:46:10,880

okay let me ask you man would you would

3945

02:46:16,710 --> 02:46:13,120

you eat the food

3946

02:46:18,389 --> 02:46:16,720

is that a fat joke jimmy is that

3947

02:46:20,309 --> 02:46:18,399

but you know what i mean it's one thing

3948

02:46:22,150 --> 02:46:20,319

to enjoy the technology

3949

02:46:26,389 --> 02:46:22,160

um

3950

02:46:31,269 --> 02:46:26,399

a sushi uh uh you know conveyor belt

3951

02:46:33,429 --> 02:46:31,279

restaurant which i've i've uh been to

3952

02:46:35,510 --> 02:46:33,439

i'm reticent

3953

02:46:38,389 --> 02:46:35,520

to eat the sushi i'm fascinated with the

3954

02:46:39,750 --> 02:46:38,399

technology right but i need my sushi

3955

02:46:41,830 --> 02:46:39,760

chef to

3956

02:46:44,710 --> 02:46:41,840

prep this in front of me

3957

02:46:47,429 --> 02:46:44,720

i think real food like real like you

3958

02:46:49,190 --> 02:46:47,439

want a cut of a steak that has the meat

3959

02:46:50,950 --> 02:46:49,200

fiber you know it's real estate or you

3960

02:46:52,710 --> 02:46:50,960

want you know especially with animal

3961

02:46:54,950 --> 02:46:52,720

proteins i think seafood you're talking

3962

02:46:58,389 --> 02:46:54,960

about there i think there's no doubt

3963

02:47:01,269 --> 02:46:58,399

like that's the last on the list is 3d

3964

02:47:03,269 --> 02:47:01,279

printed meat but i think across a lot of

3965

02:47:06,389 --> 02:47:03,279

the other things like for instance if

3966

02:47:08,710 --> 02:47:06,399

you get a box of cookies at the store

3967

02:47:11,269 --> 02:47:08,720

that's 3d printed cookies that's just a

3968

02:47:13,269 --> 02:47:11,279

big machine that's much larger that

3969

02:47:14,710 --> 02:47:13,279

automatically mix the ingredients in the

3970

02:47:17,510 --> 02:47:14,720

right proportions

3971

02:47:20,309 --> 02:47:17,520

churned it up spit it out a little tube

3972

02:47:23,030 --> 02:47:20,319

a machine cut off each one and now you

3973

02:47:26,550 --> 02:47:23,040

have a tray of cookies so it's just a

3974

02:47:28,309 --> 02:47:26,560

much bigger 3d printer but essentially

3975

02:47:30,630 --> 02:47:28,319

automated food

3976

02:47:32,870 --> 02:47:30,640

manufacturer like that for boxed foods

3977

02:47:34,950 --> 02:47:32,880

and pastas a lot of things is already

3978

02:47:36,630 --> 02:47:34,960

kind of done on a larger scale so that's

3979

02:47:40,230 --> 02:47:36,640

what you're really getting is little

3980

02:47:42,230 --> 02:47:40,240

tiny food factory slash kitchen so 3d

3981

02:47:43,590 --> 02:47:42,240

printed veal palm

3982

02:47:47,110 --> 02:47:43,600

right

3983

02:47:49,030 --> 02:47:47,120

now

3984

02:47:50,950 --> 02:47:49,040

right is and that's what it would be

3985

02:47:53,990 --> 02:47:50,960

right so your eyes are closed you're

3986

02:47:55,750 --> 02:47:54,000

blindfolded and somebody puts a spoonful

3987

02:47:59,510 --> 02:47:55,760

of that in your mouth

3988

02:48:00,790 --> 02:47:59,520

and it's got the texture of pudding

3989

02:48:08,070 --> 02:48:00,800

or

3990

02:48:09,670 --> 02:48:08,080

what's the concern what's the difference

3991

02:48:11,349 --> 02:48:09,680

you you know uh

3992

02:48:12,550 --> 02:48:11,359

it depends on uh

3993

02:48:14,830 --> 02:48:12,560

which part of the world you're in and

3994

02:48:17,030 --> 02:48:14,840

what hospital you're in right yeah

3995

02:48:19,190 --> 02:48:17,040

yeah if they're serving this at the

3996

02:48:21,349 --> 02:48:19,200

barracks you're like ah you know this is

3997

02:48:23,990 --> 02:48:21,359

better than a tuesday yeah

3998

02:48:26,150 --> 02:48:24,000

right if you're serving this on rodeo

3999

02:48:27,510 --> 02:48:26,160

drive at a cafe

4000

02:48:30,309 --> 02:48:27,520

uh yeah you're probably gonna have a

4001  
02:48:32,950 --> 02:48:30,319  
clientele that's not uh appreciating the

4002  
02:48:35,510 --> 02:48:32,960  
3d printed lamb chop you remember in a

4003  
02:48:38,230 --> 02:48:35,520  
2001 a space odyssey bowman is sitting

4004  
02:48:41,990 --> 02:48:38,240  
there he's eating he's got his you know

4005  
02:48:44,469 --> 02:48:42,000  
and the picture of like uh peas is on

4006  
02:48:46,950 --> 02:48:44,479  
the top and a picture of beef in a pit

4007  
02:48:50,070 --> 02:48:46,960  
and he's peeling you know it anyway but

4008  
02:48:51,670 --> 02:48:50,080  
it's that it looks like refried beans

4009  
02:48:53,510 --> 02:48:51,680  
right yeah that's what it looks like and

4010  
02:48:54,790 --> 02:48:53,520  
he's taking it he's dipping it in the

4011  
02:48:56,830 --> 02:48:54,800  
sauce

4012  
02:48:59,110 --> 02:48:56,840  
and he's eating it

4013  
02:49:00,630 --> 02:48:59,120

totally probably soylent green is

4014

02:49:01,830 --> 02:49:00,640

probably an option on that machine

4015

02:49:04,070 --> 02:49:01,840

that's right that's right that's where

4016

02:49:06,710 --> 02:49:04,080

i'm going okay what's next

4017

02:49:08,230 --> 02:49:06,720

um so i'm gonna jump all the way to the

4018

02:49:09,349 --> 02:49:08,240

end of the list because this is the most

4019

02:49:11,670 --> 02:49:09,359

compelling

4020

02:49:13,750 --> 02:49:11,680

when i said seven star technologies

4021

02:49:16,389 --> 02:49:13,760

potentially coming true

4022

02:49:20,550 --> 02:49:16,399

there are six that were from highly

4023

02:49:22,790 --> 02:49:20,560

viable like a like a uh sensing signs of

4024

02:49:25,750 --> 02:49:22,800

life from a distance something that's

4025

02:49:27,030 --> 02:49:25,760

been proven and could be applied

4026

02:49:29,830 --> 02:49:27,040

something like a

4027

02:49:31,429 --> 02:49:29,840

photon torpedo right like a photon

4028

02:49:32,870 --> 02:49:31,439

torpedo is just a torpedo with

4029

02:49:35,030 --> 02:49:32,880

anti-matter we know how to make

4030

02:49:36,870 --> 02:49:35,040

anti-matter we have a hard time

4031

02:49:38,230 --> 02:49:36,880

collecting a lot keeping it for a long

4032

02:49:40,469 --> 02:49:38,240

time and but we're right at the

4033

02:49:42,630 --> 02:49:40,479

beginning of anti-matter science so at

4034

02:49:45,349 --> 02:49:42,640

some point we'll be able to harvest it

4035

02:49:47,190 --> 02:49:45,359

and make enough that you know humans if

4036

02:49:49,349 --> 02:49:47,200

we harvest enough of something that's

4037

02:49:51,830 --> 02:49:49,359

explosive we will put it in a bomb and

4038

02:49:53,510 --> 02:49:51,840

shoot it somewhere so the photon torpedo

4039

02:49:55,030 --> 02:49:53,520

so you go down the list and there these

4040

02:49:57,750 --> 02:49:55,040

various the warp drive is pretty

4041

02:50:00,870 --> 02:49:57,760

esoteric but can get there at the end of

4042

02:50:03,349 --> 02:50:00,880

the list is the transporter yes

4043

02:50:05,750 --> 02:50:03,359

at the opening of tonight's show jimmy

4044

02:50:09,110 --> 02:50:05,760

posed the thought experiment

4045

02:50:10,389 --> 02:50:09,120

where his brain was taken apart one cell

4046

02:50:13,830 --> 02:50:10,399

at a time

4047

02:50:15,910 --> 02:50:13,840

and reassembled outside of itself and

4048

02:50:18,550 --> 02:50:15,920

what that would be like so the idea

4049

02:50:21,830 --> 02:50:18,560

behind a transporter is just that that

4050

02:50:23,110 --> 02:50:21,840

it scans your entire body down to the

4051  
02:50:25,190 --> 02:50:23,120  
smallest

4052  
02:50:27,510 --> 02:50:25,200  
subatomic particle

4053  
02:50:31,510 --> 02:50:27,520  
at the exact moment

4054  
02:50:32,790 --> 02:50:31,520  
and then it uses that to make a copy

4055  
02:50:36,950 --> 02:50:32,800  
like a a

4056  
02:50:39,349 --> 02:50:36,960  
a computer blueprint of jimmy church

4057  
02:50:41,590 --> 02:50:39,359  
then it sends that copy to wherever the

4058  
02:50:44,389 --> 02:50:41,600  
other side of the transporter is and

4059  
02:50:48,469 --> 02:50:44,399  
just like the food replicator

4060  
02:50:51,030 --> 02:50:48,479  
it uses matter and energy to rebuild

4061  
02:50:52,870 --> 02:50:51,040  
jimmy church exactly the way he was when

4062  
02:50:54,710 --> 02:50:52,880  
it zapped him away right so that's the

4063  
02:50:57,030 --> 02:50:54,720

like if you go to the star trek lore and

4064

02:50:58,950 --> 02:50:57,040

you read the that's the technology

4065

02:51:01,190 --> 02:50:58,960

they're proposing a

4066

02:51:03,110 --> 02:51:01,200

a much more

4067

02:51:04,710 --> 02:51:03,120

advanced method of exactly your thought

4068

02:51:06,230 --> 02:51:04,720

experiment taking you apart one piece at

4069

02:51:08,309 --> 02:51:06,240

a time and putting it back together to

4070

02:51:10,469 --> 02:51:08,319

someone else right but in this case it's

4071

02:51:11,830 --> 02:51:10,479

a pattern so

4072

02:51:14,150 --> 02:51:11,840

first of all

4073

02:51:16,469 --> 02:51:14,160

um there's a thing called the heisenberg

4074

02:51:18,469 --> 02:51:16,479

uncertainty principle

4075

02:51:19,910 --> 02:51:18,479

right yeah dr heisenberg was driving

4076  
02:51:21,030 --> 02:51:19,920  
down the street the cop pulled him over

4077  
02:51:23,269 --> 02:51:21,040  
and said do you know how fast you're

4078  
02:51:25,590 --> 02:51:23,279  
going he says no but i know where i am

4079  
02:51:27,750 --> 02:51:25,600  
so the point is with the heisenberg

4080  
02:51:28,870 --> 02:51:27,760  
uncertainty principle when you measure

4081  
02:51:30,550 --> 02:51:28,880  
something

4082  
02:51:32,309 --> 02:51:30,560  
you can measure one thing about it you

4083  
02:51:34,230 --> 02:51:32,319  
can measure its location you can measure

4084  
02:51:35,670 --> 02:51:34,240  
how fast it's moving and of course at

4085  
02:51:37,429 --> 02:51:35,680  
the atomic scale or even the quantum

4086  
02:51:40,070 --> 02:51:37,439  
scale things are in constant high speed

4087  
02:51:41,429 --> 02:51:40,080  
motion so the idea of

4088  
02:51:46,630 --> 02:51:41,439

measuring

4089

02:51:49,030 --> 02:51:46,640

just scanning you and getting a perfect

4090

02:51:51,590 --> 02:51:49,040

copy of you down to every cell that

4091

02:51:54,150 --> 02:51:51,600

could be replicated somewhere else

4092

02:51:57,269 --> 02:51:54,160

just seems to violate physics and seems

4093

02:52:00,230 --> 02:51:57,279

to be beyond something you can engineer

4094

02:52:01,910 --> 02:52:00,240

the the the thought experiment side of

4095

02:52:04,070 --> 02:52:01,920

it says this

4096

02:52:07,349 --> 02:52:04,080

if you were able to do it if you could

4097

02:52:10,710 --> 02:52:07,359

scan jimmy you could get every molecule

4098

02:52:12,230 --> 02:52:10,720

every atom every proton neutron electron

4099

02:52:13,349 --> 02:52:12,240

exactly

4100

02:52:16,309 --> 02:52:13,359

and you

4101  
02:52:17,990 --> 02:52:16,319  
then essentially demolish it

4102  
02:52:20,790 --> 02:52:18,000  
you know vaporize it as you see the

4103  
02:52:22,070 --> 02:52:20,800  
people's fists away it reappears on the

4104  
02:52:25,510 --> 02:52:22,080  
other side

4105  
02:52:28,389 --> 02:52:25,520  
and that new you

4106  
02:52:31,349 --> 02:52:28,399  
is not you you were just killed

4107  
02:52:33,750 --> 02:52:31,359  
okay so what happened is a new you was

4108  
02:52:36,710 --> 02:52:33,760  
just made but the thing about the new

4109  
02:52:39,510 --> 02:52:36,720  
you is it has every memory every

4110  
02:52:42,630 --> 02:52:39,520  
experience from a material level has

4111  
02:52:44,389 --> 02:52:42,640  
everything that was you so it is very

4112  
02:52:45,510 --> 02:52:44,399  
likely that the new you will think it's

4113  
02:52:47,190 --> 02:52:45,520

you

4114

02:52:48,469 --> 02:52:47,200

that it will be like yeah i remember

4115

02:52:49,990 --> 02:52:48,479

stepping in the throat like everything

4116

02:52:52,230 --> 02:52:50,000

in my life stepped in they hit the

4117

02:52:53,830 --> 02:52:52,240

button now i came out the other side but

4118

02:52:55,750 --> 02:52:53,840

the truth is every time you step in the

4119

02:52:57,110 --> 02:52:55,760

transporter you're probably dead and

4120

02:52:58,870 --> 02:52:57,120

they even kind of dealt with it in a

4121

02:53:00,790 --> 02:52:58,880

couple of star trek you said you didn't

4122

02:53:02,870 --> 02:53:00,800

watch next generation they had one where

4123

02:53:04,710 --> 02:53:02,880

there was a transporter accident riker

4124

02:53:06,870 --> 02:53:04,720

essentially got replicated twice so he

4125

02:53:09,269 --> 02:53:06,880

came back to the ship and one of him got

4126  
02:53:11,590 --> 02:53:09,279  
left behind on another planet and boom

4127  
02:53:13,349 --> 02:53:11,600  
you got two of them well of course uh

4128  
02:53:15,429 --> 02:53:13,359  
neither one is the real him because the

4129  
02:53:17,670 --> 02:53:15,439  
real him you know was already killed

4130  
02:53:19,990 --> 02:53:17,680  
first time he was a transporter 50 years

4131  
02:53:22,309 --> 02:53:20,000  
ago right right right right and each

4132  
02:53:23,830 --> 02:53:22,319  
version is just a copy so there's that

4133  
02:53:25,110 --> 02:53:23,840  
and then there's the copy of the copy of

4134  
02:53:26,950 --> 02:53:25,120  
the copy

4135  
02:53:29,750 --> 02:53:26,960  
so even if you are getting really close

4136  
02:53:31,269 --> 02:53:29,760  
to high fidelity of scanning everything

4137  
02:53:33,830 --> 02:53:31,279  
really close you're replicating it

4138  
02:53:35,429 --> 02:53:33,840

really close like the next jimmy church

4139

02:53:37,910 --> 02:53:35,439

you make might have like blonde hair

4140

02:53:39,750 --> 02:53:37,920

right or might might be missing an arm

4141

02:53:42,469 --> 02:53:39,760

or something or whatever so

4142

02:53:43,910 --> 02:53:42,479

the transporter was the one technology

4143

02:53:45,510 --> 02:53:43,920

of everything i mean

4144

02:53:47,590 --> 02:53:45,520

tractor beams

4145

02:53:51,670 --> 02:53:47,600

photons torpedoes

4146

02:53:53,830 --> 02:53:51,680

you name it warp drives there are viable

4147

02:53:56,389 --> 02:53:53,840

realistic options for doing all of those

4148

02:53:59,429 --> 02:53:56,399

things that seem to fit

4149

02:54:01,349 --> 02:53:59,439

again 150 years of real science like you

4150

02:54:03,190 --> 02:54:01,359

know the late 1800s when we got really

4151  
02:54:04,790 --> 02:54:03,200  
into advanced physics and advanced sort

4152  
02:54:07,750 --> 02:54:04,800  
of so

4153  
02:54:09,990 --> 02:54:07,760  
in that time and in our understanding

4154  
02:54:11,269 --> 02:54:10,000  
all of those seem possible the

4155  
02:54:13,990 --> 02:54:11,279  
transporter

4156  
02:54:15,910 --> 02:54:14,000  
between heisenberg and between

4157  
02:54:18,469 --> 02:54:15,920  
uh you know that now what what i think

4158  
02:54:20,070 --> 02:54:18,479  
is not impossible

4159  
02:54:22,230 --> 02:54:20,080  
is something like think of the tic tac

4160  
02:54:24,309 --> 02:54:22,240  
turned vertically right and it's

4161  
02:54:25,750 --> 02:54:24,319  
you know what are you six nine jimmy

4162  
02:54:29,190 --> 02:54:25,760  
right so yes

4163  
02:54:32,150 --> 02:54:29,200

yes so six nine bill brasky six nine two

4164

02:54:34,950 --> 02:54:32,160

eighty um and it was it's like a thing

4165

02:54:36,230 --> 02:54:34,960

that you could step inside and you could

4166

02:54:38,230 --> 02:54:36,240

be sealed

4167

02:54:40,309 --> 02:54:38,240

and that thing could operate essentially

4168

02:54:42,550 --> 02:54:40,319

like a warp drive but instead would have

4169

02:54:45,349 --> 02:54:42,560

a wormhole that that connected you to

4170

02:54:47,870 --> 02:54:45,359

another location you could be then

4171

02:54:50,230 --> 02:54:47,880

transported like a transporter

4172

02:54:53,030 --> 02:54:50,240

instantaneously from one location to

4173

02:54:55,190 --> 02:54:53,040

another and you would retain the u-ness

4174

02:54:56,950 --> 02:54:55,200

of you you would still be you know if

4175

02:54:58,710 --> 02:54:56,960

you were christina gomez and you stepped

4176

02:55:00,309 --> 02:54:58,720

out there you wouldn't be some crazy

4177

02:55:02,070 --> 02:55:00,319

christina gomez that appeared on the

4178

02:55:03,910 --> 02:55:02,080

other side it would still be you because

4179

02:55:06,870 --> 02:55:03,920

you stayed intact the whole time yeah

4180

02:55:08,870 --> 02:55:06,880

you don't want to be the uh 10th copy of

4181

02:55:11,349 --> 02:55:08,880

a mixtape

4182

02:55:13,670 --> 02:55:11,359

right especially if you already started

4183

02:55:14,870 --> 02:55:13,680

out like not that great yeah

4184

02:55:17,670 --> 02:55:14,880

you're right

4185

02:55:20,070 --> 02:55:17,680

like the tenth copy of rob lowe still

4186

02:55:22,230 --> 02:55:20,080

looks pretty good but the tenth company

4187

02:55:23,990 --> 02:55:22,240

in jonah hill maybe

4188

02:55:26,790 --> 02:55:24,000

we're getting into a rough area yeah

4189

02:55:30,469 --> 02:55:26,800

well and and so that was one of the

4190

02:55:31,269 --> 02:55:30,479

things uh about the transporter

4191

02:55:33,670 --> 02:55:31,279

that

4192

02:55:35,590 --> 02:55:33,680

uh and it was also addressed really well

4193

02:55:38,550 --> 02:55:35,600

in in galaxy quest

4194

02:55:40,950 --> 02:55:38,560

um but that

4195

02:55:44,710 --> 02:55:40,960

you are committing murder

4196

02:55:47,590 --> 02:55:44,720

whoever is you know you remember scotty

4197

02:55:50,950 --> 02:55:47,600

with the uh or or you know with the uh

4198

02:55:52,790 --> 02:55:50,960

the uh the lever right and your face

4199

02:55:55,750 --> 02:55:52,800

you're committing murder

4200

02:55:58,790 --> 02:55:55,760

because whoever is there

4201  
02:56:01,110 --> 02:55:58,800  
it's being replicated you can't have two

4202  
02:56:02,630 --> 02:56:01,120  
u's you've got to do something with the

4203  
02:56:03,910 --> 02:56:02,640  
original body

4204  
02:56:05,750 --> 02:56:03,920  
right right

4205  
02:56:06,710 --> 02:56:05,760  
and i don't know where they're disposing

4206  
02:56:09,269 --> 02:56:06,720  
them of

4207  
02:56:11,269 --> 02:56:09,279  
but yeah hugh jackman in the prestige

4208  
02:56:13,510 --> 02:56:11,279  
would replicate himself and just have

4209  
02:56:16,309 --> 02:56:13,520  
the other one fall through the floor and

4210  
02:56:17,910 --> 02:56:16,319  
fall into a tank and uh suffocate and

4211  
02:56:19,910 --> 02:56:17,920  
you know drown and die and they'd bury

4212  
02:56:21,429 --> 02:56:19,920  
it somewhere because that's how it would

4213  
02:56:26,630 --> 02:56:21,439

have to occur

4214

02:56:27,510 --> 02:56:26,640

right now uh but the other part with uh

4215

02:56:30,230 --> 02:56:27,520

uh

4216

02:56:31,190 --> 02:56:30,240

the the original ideas between of star

4217

02:56:34,070 --> 02:56:31,200

trek

4218

02:56:37,110 --> 02:56:34,080

was you were actually transporting the

4219

02:56:38,950 --> 02:56:37,120

body you were d molecularizing

4220

02:56:41,590 --> 02:56:38,960

is that is that a word

4221

02:56:43,670 --> 02:56:41,600

yeah but the yeah so i looked into this

4222

02:56:45,510 --> 02:56:43,680

pretty close and actually in the

4223

02:56:46,950 --> 02:56:45,520

original star trek it's very possible

4224

02:56:49,110 --> 02:56:46,960

what you're saying that they were

4225

02:56:51,349 --> 02:56:49,120

breaking it down into little pieces

4226  
02:56:52,790 --> 02:56:51,359  
moving it to the other petri dish and re

4227  
02:56:54,870 --> 02:56:52,800  
reassembling it like you're talking

4228  
02:56:57,590 --> 02:56:54,880  
about right i do think that was the

4229  
02:56:59,990 --> 02:56:57,600  
original theory by the time it got to

4230  
02:57:01,990 --> 02:57:00,000  
the 80s and you got to next generation

4231  
02:57:03,750 --> 02:57:02,000  
and the writers you know some of these

4232  
02:57:06,150 --> 02:57:03,760  
great writers dc fontana i mean people

4233  
02:57:07,990 --> 02:57:06,160  
don't even know like uh you know guys

4234  
02:57:09,750 --> 02:57:08,000  
like george rr martin he was writing on

4235  
02:57:12,150 --> 02:57:09,760  
stargate but these like really great

4236  
02:57:15,429 --> 02:57:12,160  
smart science and fantasy writers would

4237  
02:57:18,469 --> 02:57:15,439  
work on these tv shows and they wanted

4238  
02:57:20,710 --> 02:57:18,479

to make it all scientifically consistent

4239

02:57:23,990 --> 02:57:20,720

so next generation and everything after

4240

02:57:26,790 --> 02:57:24,000

deep space nine voyager picard discovery

4241

02:57:29,269 --> 02:57:26,800

all of these enterprise they are

4242

02:57:31,429 --> 02:57:29,279

have a scientific foundation for what is

4243

02:57:33,670 --> 02:57:31,439

the warp drive how does it work on the

4244

02:57:35,110 --> 02:57:33,680

original series it wasn't that well

4245

02:57:37,349 --> 02:57:35,120

spelled out

4246

02:57:38,150 --> 02:57:37,359

and the other uh

4247

02:57:43,190 --> 02:57:38,160

the

4248

02:57:44,230 --> 02:57:43,200

minutes left so i'll make this quick

4249

02:57:48,830 --> 02:57:44,240

is that

4250

02:57:51,510 --> 02:57:48,840

the idea of the warp drive

4251

02:57:55,030 --> 02:57:51,520

which uh was originally presented in

4252

02:57:57,910 --> 02:57:55,040

1968 that was science fiction it was an

4253

02:58:00,710 --> 02:57:57,920

idea it was written into the script and

4254

02:58:03,830 --> 02:58:00,720

there you go right well

4255

02:58:06,150 --> 02:58:03,840

nasa scientists and engineers that are

4256

02:58:08,550 --> 02:58:06,160

working on this today said

4257

02:58:11,750 --> 02:58:08,560

dude it was just suggested it's just an

4258

02:58:12,870 --> 02:58:11,760

idea but you give us the idea that's all

4259

02:58:15,190 --> 02:58:12,880

we need

4260

02:58:17,190 --> 02:58:15,200

give us the idea and then let us go and

4261

02:58:18,950 --> 02:58:17,200

work on it and so all of these

4262

02:58:20,710 --> 02:58:18,960

conversations that we have today about

4263

02:58:23,349 --> 02:58:20,720

warp drive

4264

02:58:26,070 --> 02:58:23,359

fantastic but we have to give the

4265

02:58:28,309 --> 02:58:26,080

recognition where this came from it came

4266

02:58:30,309 --> 02:58:28,319

from a tv series

4267

02:58:32,150 --> 02:58:30,319

jimmy when i talked about that string of

4268

02:58:34,070 --> 02:58:32,160

scientists where you have the

4269

02:58:36,630 --> 02:58:34,080

theoretical physicists thinking up the

4270

02:58:38,870 --> 02:58:36,640

crazy stuff right the applied physicist

4271

02:58:40,870 --> 02:58:38,880

figuring out how to apply those thoughts

4272

02:58:43,110 --> 02:58:40,880

and then the hands-on engineer actually

4273

02:58:44,950 --> 02:58:43,120

doing it right that string if you

4274

02:58:47,830 --> 02:58:44,960

continue back the other direction before

4275

02:58:50,150 --> 02:58:47,840

the theoretical physicists in that chain

4276  
02:58:52,870 --> 02:58:50,160  
are science fiction writers and creators

4277  
02:58:54,469 --> 02:58:52,880  
they have throughout history

4278  
02:58:56,469 --> 02:58:54,479  
been out there

4279  
02:58:59,030 --> 02:58:56,479  
looking into their own heads looking

4280  
02:59:01,429 --> 02:58:59,040  
into the cosmos looking into these

4281  
02:59:03,110 --> 02:59:01,439  
super esoteric concepts in the early

4282  
02:59:05,110 --> 02:59:03,120  
days a lot of them were science

4283  
02:59:06,550 --> 02:59:05,120  
scientists you know guys like arthur c

4284  
02:59:08,550 --> 02:59:06,560  
clarke wrote a lot of

4285  
02:59:10,950 --> 02:59:08,560  
carl sagan but there were a lot of these

4286  
02:59:13,590 --> 02:59:10,960  
original asimov and these writers were

4287  
02:59:15,750 --> 02:59:13,600  
just sci-fi writers that just looked

4288  
02:59:17,349 --> 02:59:15,760

into the future and said

4289

02:59:19,110 --> 02:59:17,359

what are robots going to be like well

4290

02:59:21,190 --> 02:59:19,120

they would have to have three laws they

4291

02:59:24,309 --> 02:59:21,200

would have to have the you know

4292

02:59:26,870 --> 02:59:24,319

and they looked at this and as we get a

4293

02:59:29,030 --> 02:59:26,880

hundred years later and we're building

4294

02:59:31,269 --> 02:59:29,040

ai and we're thinking about the idea of

4295

02:59:33,190 --> 02:59:31,279

a robot we're going

4296

02:59:35,269 --> 02:59:33,200

maybe the three laws were a good idea or

4297

02:59:38,309 --> 02:59:35,279

maybe something akin to like

4298

02:59:39,990 --> 02:59:38,319

protect us from these super human beings

4299

02:59:42,950 --> 02:59:40,000

we're getting ready to create

4300

02:59:45,990 --> 02:59:42,960

robotically and artificially so yeah

4301

02:59:48,150 --> 02:59:46,000

like that's that that looking forward

4302

02:59:49,990 --> 02:59:48,160

side that's what science fiction has

4303

02:59:52,469 --> 02:59:50,000

done and i said it at the beginning of

4304

02:59:54,070 --> 02:59:52,479

this segment good science fiction

4305

02:59:56,070 --> 02:59:54,080

creates great science and that's how

4306

02:59:58,469 --> 02:59:56,080

that happens yeah there's no doubt about

4307

03:00:00,309 --> 02:59:58,479

it and i was a big fan still am of

4308

03:00:02,710 --> 03:00:00,319

arthur c clarke and

4309

03:00:04,469 --> 03:00:02,720

i've haven't read everything that he has

4310

03:00:07,190 --> 03:00:04,479

put out but the stuff that i have read

4311

03:00:11,349 --> 03:00:07,200

of his which is a lot i've actually read

4312

03:00:15,190 --> 03:00:12,950

i don't even know how many times i've

4313

03:00:17,910 --> 03:00:15,200

read the rama series of books

4314

03:00:19,429 --> 03:00:17,920

oh man right and and and when you think

4315

03:00:22,070 --> 03:00:19,439

about rama

4316

03:00:24,309 --> 03:00:22,080

and then you go to omua

4317

03:00:27,750 --> 03:00:24,319

or you you know and what that represents

4318

03:00:28,710 --> 03:00:27,760

and and and arthur c clarke laid it out

4319

03:00:31,030 --> 03:00:28,720

for us

4320

03:00:33,269 --> 03:00:31,040

in in the ram a series of books and in

4321

03:00:35,910 --> 03:00:33,279

2001 a space odyssey

4322

03:00:38,710 --> 03:00:35,920

especially when we talk about europa

4323

03:00:41,510 --> 03:00:38,720

today or titan and and these

4324

03:00:45,269 --> 03:00:41,520

possibilities this was laid out by

4325

03:00:49,830 --> 03:00:45,279

arthur c clarke a long time ago and

4326  
03:00:51,349 --> 03:00:49,840  
monoliths on the moon and mars and and

4327  
03:00:53,590 --> 03:00:51,359  
if you think about it

4328  
03:00:54,870 --> 03:00:53,600  
i'll leave you with this go beckley

4329  
03:00:57,110 --> 03:00:54,880  
teppy

4330  
03:01:00,309 --> 03:00:57,120  
yeah and and what gobekli tepe

4331  
03:01:02,870 --> 03:01:00,319  
represents is exactly what arthur c

4332  
03:01:03,830 --> 03:01:02,880  
clarke wrote about deliberately buried

4333  
03:01:09,750 --> 03:01:03,840  
yes

4334  
03:01:11,670 --> 03:01:09,760  
four thousand years before the jomons or

4335  
03:01:13,190 --> 03:01:11,680  
some of the even the earliest organized

4336  
03:01:15,269 --> 03:01:13,200  
societies

4337  
03:01:17,590 --> 03:01:15,279  
seven thousand years before the first

4338  
03:01:19,670 --> 03:01:17,600

megalist and here they were

4339

03:01:22,389 --> 03:01:19,680

building these amazing temples in turkey

4340

03:01:25,750 --> 03:01:22,399

10 000 years ago and and then

4341

03:01:27,429 --> 03:01:25,760

deliberately buried them yep you got it

4342

03:01:30,630 --> 03:01:27,439

crazy town chris plain you're the

4343

03:01:33,269 --> 03:01:30,640

absolute best man how often is it like

4344

03:01:35,510 --> 03:01:33,279

every day you get published

4345

03:01:38,070 --> 03:01:35,520

so uh yeah starting at the beginning of

4346

03:01:40,389 --> 03:01:38,080

november i took over the news desk at

4347

03:01:42,710 --> 03:01:40,399

the debrief so every day

4348

03:01:45,030 --> 03:01:42,720

i will put out three two or three short

4349

03:01:46,309 --> 03:01:45,040

stories and by short they're still you

4350

03:01:48,389 --> 03:01:46,319

know six to eight hundred words there's

4351

03:01:50,630 --> 03:01:48,399

still a legit six you know five to seven

4352

03:01:52,950 --> 03:01:50,640

minute read i do three of those those

4353

03:01:55,590 --> 03:01:52,960

are usually what's happening in science

4354

03:01:57,830 --> 03:01:55,600

news right those are the hey they just

4355

03:01:59,190 --> 03:01:57,840

announced they found this gas on venus

4356

03:02:02,150 --> 03:01:59,200

or they just announced this thing on

4357

03:02:04,070 --> 03:02:02,160

mars or a company just test flew their

4358

03:02:05,670 --> 03:02:04,080

first personal flying saucer i wrote

4359

03:02:08,630 --> 03:02:05,680

about the other day like whatever there

4360

03:02:11,190 --> 03:02:08,640

was a handheld rail gun i wrote about a

4361

03:02:13,590 --> 03:02:11,200

new smart gun whatever that cutting edge

4362

03:02:15,429 --> 03:02:13,600

science and tech that i feel was would

4363

03:02:18,150 --> 03:02:15,439

intrigue our audience but it's a

4364

03:02:19,510 --> 03:02:18,160

one-story story often so those stories

4365

03:02:21,269 --> 03:02:19,520

come out every day there are three of

4366

03:02:23,510 --> 03:02:21,279

those a day we have another writer that

4367

03:02:26,550 --> 03:02:23,520

does two of those a day uh like four

4368

03:02:28,710 --> 03:02:26,560

days a week as well so a lot of the base

4369

03:02:31,190 --> 03:02:28,720

level news and science and tech that we

4370

03:02:33,429 --> 03:02:31,200

feel represents the debrief that is that

4371

03:02:36,550 --> 03:02:33,439

that bleeding edge that very

4372

03:02:38,469 --> 03:02:36,560

forward-looking futurism sort of look

4373

03:02:40,870 --> 03:02:38,479

that's what i do every day like the

4374

03:02:43,269 --> 03:02:40,880

other guys who who founded the team and

4375

03:02:45,830 --> 03:02:43,279

brought me on very early micah mj and

4376

03:02:47,429 --> 03:02:45,840

tim mcmillan i also write features so

4377

03:02:49,830 --> 03:02:47,439

the bigger stories you were talking

4378

03:02:51,750 --> 03:02:49,840

about that star trek one the one about

4379

03:02:53,830 --> 03:02:51,760

the anti-gravity club the warp bubble

4380

03:02:55,830 --> 03:02:53,840

one those are features that just like

4381

03:02:58,630 --> 03:02:55,840

any investigative reporter i just work

4382

03:03:00,550 --> 03:02:58,640

on in the background so i i send emails

4383

03:03:02,710 --> 03:03:00,560

out i talk to scientists i arrange

4384

03:03:04,710 --> 03:03:02,720

interviews i build that and when those

4385

03:03:06,070 --> 03:03:04,720

are ready to come to fruition

4386

03:03:07,910 --> 03:03:06,080

i go over on twitter and tease them a

4387

03:03:09,429 --> 03:03:07,920

little bit and put them out so i do have

4388

03:03:11,750 --> 03:03:09,439

a couple of good ones coming here in the

4389

03:03:14,070 --> 03:03:11,760

next two to three weeks that i'm really

4390

03:03:16,150 --> 03:03:14,080

excited about those can come anywhere

4391

03:03:18,070 --> 03:03:16,160

from once a month to two or three a

4392

03:03:20,710 --> 03:03:18,080

month but yep that's what i do over

4393

03:03:23,990 --> 03:03:20,720

there congrats man much success the

4394

03:03:25,429 --> 03:03:24,000

debrief has quickly become a centerpiece

4395

03:03:27,269 --> 03:03:25,439

of this community and the rest of the

4396

03:03:30,870 --> 03:03:27,279

media can i tell you one more thing

4397

03:03:32,630 --> 03:03:30,880

jimmy you can do whatever you want

4398

03:03:34,550 --> 03:03:32,640

i'm not gonna

4399

03:03:36,389 --> 03:03:34,560

we have a very big guest columnist

4400

03:03:38,389 --> 03:03:36,399

coming up at the debrief and that's all

4401

03:03:39,590 --> 03:03:38,399

i can say or i'll be fired in the

4402

03:03:41,269 --> 03:03:39,600

morning i've already come close to

4403

03:03:43,990 --> 03:03:41,279

getting fired there twice

4404

03:03:45,910 --> 03:03:44,000

i'm not going to tell you anymore but

4405

03:03:47,750 --> 03:03:45,920

you know avi loeb has written a couple

4406

03:03:49,110 --> 03:03:47,760

of features for us

4407

03:03:51,590 --> 03:03:49,120

uh you know

4408

03:03:53,030 --> 03:03:51,600

some some pretty like uh

4409

03:03:54,630 --> 03:03:53,040

new york times bestselling science

4410

03:03:56,710 --> 03:03:54,640

fiction writers have written stuff for

4411

03:03:58,150 --> 03:03:56,720

us like we've had some really high up

4412

03:03:59,910 --> 03:03:58,160

people

4413

03:04:01,429 --> 03:03:59,920

but there's somebody i think a lot of

4414

03:04:03,590 --> 03:04:01,439

people have wanted to hear from for

4415

03:04:05,670 --> 03:04:03,600

quite some time now

4416

03:04:08,070 --> 03:04:05,680

that approached us

4417

03:04:10,070 --> 03:04:08,080

and i think specifically approached tim

4418

03:04:11,590 --> 03:04:10,080

i'm not 100 sure maybe micah you know

4419

03:04:13,429 --> 03:04:11,600

those guys they're like the wizards up

4420

03:04:14,710 --> 03:04:13,439

on the mountain at the debrief

4421

03:04:17,190 --> 03:04:14,720

and uh

4422

03:04:19,910 --> 03:04:17,200

said i i've got a piece for you guys and

4423

03:04:23,110 --> 03:04:19,920

the last thing i will tell you is

4424

03:04:24,790 --> 03:04:23,120

it's long and it's on target it's about

4425

03:04:26,710 --> 03:04:24,800

something the ufo community's been

4426

03:04:28,950 --> 03:04:26,720

talking about for a while

4427

03:04:31,269 --> 03:04:28,960

and it's somebody

4428

03:04:33,349 --> 03:04:31,279

man like it there are days i come to

4429

03:04:35,349 --> 03:04:33,359

that job and

4430

03:04:37,429 --> 03:04:35,359

you know we are we're on that group chat

4431

03:04:39,030 --> 03:04:37,439

24 7 because tim's over there in germany

4432

03:04:41,030 --> 03:04:39,040

we got people on the east coast west

4433

03:04:42,630 --> 03:04:41,040

coast in between we got a whole team

4434

03:04:44,469 --> 03:04:42,640

debriefs across the country and across

4435

03:04:46,790 --> 03:04:44,479

the world we really have a growing team

4436

03:04:48,710 --> 03:04:46,800

a couple of writers in england jazz shaw

4437

03:04:50,389 --> 03:04:48,720

does stuff for us out in new york

4438

03:04:51,830 --> 03:04:50,399

and when i come into that group can i

4439

03:04:54,389 --> 03:04:51,840

see what's going on

4440

03:04:57,110 --> 03:04:54,399

and i get shared something like this i

4441

03:04:59,190 --> 03:04:57,120

get giddy i go this is why when they

4442

03:05:00,389 --> 03:04:59,200

reached out to me last year and they

4443

03:05:02,830 --> 03:05:00,399

said hey would you be doing it

4444

03:05:06,630 --> 03:05:02,840

interested in doing some writing for us

4445

03:05:08,469 --> 03:05:06,640

and i you know i i met tim on twitter i

4446

03:05:09,830 --> 03:05:08,479

met mj on twitter just talking about

4447

03:05:12,150 --> 03:05:09,840

ufos

4448

03:05:13,510 --> 03:05:12,160

and i went okay you know what let's give

4449

03:05:15,830 --> 03:05:13,520

it a try we'll give it a few months and

4450

03:05:18,790 --> 03:05:15,840

here i am 13 months plus later still

4451  
03:05:20,389 --> 03:05:18,800  
writing there and when i come into work

4452  
03:05:22,070 --> 03:05:20,399  
and i see these sort of things my head

4453  
03:05:24,469 --> 03:05:22,080  
explodes

4454  
03:05:26,070 --> 03:05:24,479  
tell me stuff on the phone that they go

4455  
03:05:27,990 --> 03:05:26,080  
chris you're gonna have this story in

4456  
03:05:30,710 --> 03:05:28,000  
three months and they give it to me

4457  
03:05:32,389 --> 03:05:30,720  
my head explodes at this job thank you

4458  
03:05:34,630 --> 03:05:32,399  
so much chris now you've got my

4459  
03:05:37,670 --> 03:05:34,640  
attention and everybody else

4460  
03:05:39,110 --> 03:05:37,680  
so let the rumors it's coming soon i'm

4461  
03:05:42,550 --> 03:05:39,120  
gonna say

4462  
03:05:45,030 --> 03:05:42,560  
weeks not months maybe

4463  
03:05:46,469 --> 03:05:45,040

two weeks thank you so much chris chris

4464

03:05:49,190 --> 03:05:46,479

plain

4465

03:05:50,710 --> 03:05:49,200

thank you so much and uh

4466

03:05:54,870 --> 03:05:50,720

much success

4467

03:05:56,710 --> 03:05:54,880

by hilton j palm

4468

03:05:58,550 --> 03:05:56,720

renee dennis and kevin announcers are

4469

03:06:00,870 --> 03:05:58,560

steve harder gene patel mark d kobar

4470

03:06:04,230 --> 03:06:00,880

webmaster is drew the geek music doug

4471

03:06:06,150 --> 03:06:04,240

aldrich intro spaceboy spaceboymusic.com

4472

03:06:08,150 --> 03:06:06,160

fade to black is produced by kjci for

4473

03:06:10,389 --> 03:06:08,160

the game changer network this broadcast

4474

03:06:12,309 --> 03:06:10,399

owned a copyrighted 2022 by fade to

4475

03:06:14,070 --> 03:06:12,319

black and the game changer network inc

4476  
03:06:15,429 --> 03:06:14,080  
it cannot be re-broadcast downloaded

4477  
03:06:17,269 --> 03:06:15,439  
copied or used anywhere in the known

4478  
03:06:18,550 --> 03:06:17,279  
universe without written permission from

4479  
03:06:20,630 --> 03:06:18,560  
paid to black or the game changer

4480  
03:06:21,990 --> 03:06:20,640  
network our meal jimmy church tomorrow

4481  
03:06:28,389 --> 03:06:22,000  
night

4482  
03:06:30,710 --> 03:06:28,399  
dedicated to clifford mahouty

4483  
03:06:36,900 --> 03:06:30,720  
until then i want everybody to be safe

4484  
03:06:36,910 --> 03:06:59,269  
[Music]

4485  
03:06:59,279 --> 03:07:09,690  
so