

**CHRIS
COGSWELL**



1
00:00:06,740 --> 00:00:03,710
Belvin an astronaut and a couple other

2
00:00:09,290 --> 00:00:06,750
science people from NASA which was a lot

3
00:00:11,330 --> 00:00:09,300
of fun and so I got to hang out with

4
00:00:12,980 --> 00:00:11,340
Leland a lot and it was kind of funny

5
00:00:15,379 --> 00:00:12,990
because I had been to Space Camp with

6
00:00:15,829 --> 00:00:15,389
National Geographic and so I had a Space

7
00:00:19,070 --> 00:00:15,839
Camp

8
00:00:21,050 --> 00:00:19,080
you know blue jumpsuit and I brought it

9
00:00:22,790 --> 00:00:21,060
and wore it just to make a joke out of

10
00:00:24,679 --> 00:00:22,800
it and stuff and and so he's like well

11
00:00:27,140 --> 00:00:24,689
then I'm gonna wear mine and so he wore

12
00:00:29,990 --> 00:00:27,150
his blue jumpsuit of course his is real

13
00:00:33,350 --> 00:00:30,000

and has been in space yeah it's an

14

00:00:35,389 --> 00:00:33,360

astronaut jumpsuit but that was so much

15

00:00:36,650 --> 00:00:35,399

fun so they actually get to keep them I

16

00:00:39,260 --> 00:00:36,660

think you and I had a conversation about

17

00:00:42,830 --> 00:00:39,270

that what astronauts can keep and what

18

00:00:44,240 --> 00:00:42,840

they can't keep I know that they kept

19

00:00:46,400 --> 00:00:44,250

their boots for walking on the moon

20

00:00:48,650 --> 00:00:46,410

which i think is pretty amazing yeah

21

00:00:52,250 --> 00:00:48,660

that's cool yeah and yeah they wear the

22

00:00:54,770 --> 00:00:52,260

jumpsuits a lot so Scott Kelly I got to

23

00:00:57,860 --> 00:00:54,780

interview him not too long ago and for

24

00:01:00,439 --> 00:00:57,870

his talk he wore the jumpsuit but after

25

00:01:02,029 --> 00:01:00,449

his talk he took it off so yeah so often

26
00:01:03,770 --> 00:01:02,039
I guess when they want to represent NASA

27
00:01:04,640 --> 00:01:03,780
and stuff they wear the jumpsuit which

28
00:01:09,500 --> 00:01:04,650
is kind of cool

29
00:01:11,330 --> 00:01:09,510
that's amazing so so what you you were

30
00:01:13,130 --> 00:01:11,340
filming now you tell me something about

31
00:01:15,410 --> 00:01:13,140
Blue Book what was what was the deal

32
00:01:20,240 --> 00:01:15,420
with that so that's kind of the big news

33
00:01:22,640 --> 00:01:20,250
really so it's blue book so I I did get

34
00:01:24,679 --> 00:01:22,650
to the other real quick mention cuz it

35
00:01:26,719 --> 00:01:24,689
was fun and I don't like kind of plug it

36
00:01:28,819 --> 00:01:26,729
but I got to also meet Neil deGrasse

37
00:01:31,609 --> 00:01:28,829
Tyson which was a lot of fun and this is

38
00:01:33,319 --> 00:01:31,619

kind of funny because I posted a picture

39

00:01:35,569 --> 00:01:33,329

of myself and Karen with Neil deGrasse

40

00:01:37,160 --> 00:01:35,579

Tyson then I did some video interviews

41

00:01:41,870 --> 00:01:37,170

that will come out on den of geek soon

42

00:01:43,789 --> 00:01:41,880

but everybody's posting odd he doesn't

43

00:01:46,940 --> 00:01:43,799

believe in UFOs office you have a post

44

00:01:48,800 --> 00:01:46,950

up and of course I'm way into science he

45

00:01:51,020 --> 00:01:48,810

and he's a very important scientist and

46

00:01:53,179 --> 00:01:51,030

he had some very incredible things to

47

00:01:55,639 --> 00:01:53,189

say in my interview so it was an

48

00:01:58,789 --> 00:01:55,649

absolute pleasure to meet him but guys

49

00:02:03,109 --> 00:01:58,799

you know not everybody has to be into

50

00:02:05,510 --> 00:02:03,119

UFOs and hopefully at some point if if

51
00:02:07,160 --> 00:02:05,520
we continue to have a relationship I'll

52
00:02:09,080 --> 00:02:07,170
be able to approach the topic and and

53
00:02:13,100 --> 00:02:09,090
maybe share some information with him

54
00:02:13,880 --> 00:02:13,110
but you know that wasn't what the

55
00:02:16,370 --> 00:02:13,890
interview is about

56
00:02:18,950 --> 00:02:16,380
UFOs so that was kind of funny but what

57
00:02:20,510 --> 00:02:18,960
was about UFOs was project Bluebook and

58
00:02:22,730 --> 00:02:20,520
this is kind of making some news this

59
00:02:26,060 --> 00:02:22,740
weekend it's kind of really making quite

60
00:02:28,180 --> 00:02:26,070
a few stories because History Channel is

61
00:02:32,980 --> 00:02:28,190
doing a show called Project Blue Book

62
00:02:35,720 --> 00:02:32,990
and there was an activation there at

63
00:02:37,190 --> 00:02:35,730

Comic Con and I don't know why they call

64

00:02:39,410 --> 00:02:37,200

him activations it was kind of funny I

65

00:02:41,449 --> 00:02:39,420

even met one of the guys who is in

66

00:02:43,850 --> 00:02:41,459

charge of these different activations

67

00:02:45,380 --> 00:02:43,860

and he didn't know why they called him

68

00:02:47,170 --> 00:02:45,390

activation she was even laughing at

69

00:02:49,910 --> 00:02:47,180

himself because he was like I don't know

70

00:02:51,979 --> 00:02:49,920

but an activation is essentially an

71

00:02:54,229 --> 00:02:51,989

exhibit when a television show puts

72

00:02:57,199 --> 00:02:54,239

together a cool exhibit to promote their

73

00:03:01,040 --> 00:02:57,209

show and project Bluebook I've got this

74

00:03:03,890 --> 00:03:01,050

is really cool this is a comic book that

75

00:03:05,810 --> 00:03:03,900

they gave us at the exhibit and I want

76

00:03:08,270 --> 00:03:05,820

to show you this because this is the

77

00:03:11,740 --> 00:03:08,280

most important part about Project Blue

78

00:03:17,600 --> 00:03:11,750

Book is look at this guy right here

79

00:03:19,490 --> 00:03:17,610

who's that that's dr. J Allen Hynek so

80

00:03:22,009 --> 00:03:19,500

this show is going to be centered around

81

00:03:26,380 --> 00:03:22,019

J Allen Hynek and Project Blue Book so

82

00:03:29,780 --> 00:03:26,390

you can see this is from a case 1972

83

00:03:32,120 --> 00:03:29,790

which is you know they're going over

84

00:03:36,320 --> 00:03:32,130

actual cases and depicting these cases

85

00:03:40,640 --> 00:03:36,330

so the actor is let me get his name

86

00:03:42,680 --> 00:03:40,650

eight and Gillan wouldn't really look

87

00:03:45,470 --> 00:03:42,690

like does he look a little bit like

88

00:03:48,500 --> 00:03:45,480

Hynek yeah here I've got actually a

89

00:03:52,759 --> 00:03:48,510

picture from the show and yeah look at

90

00:03:53,960 --> 00:03:52,769

him he does yeah so anyway so they made

91

00:03:56,720 --> 00:03:53,970

of that the one people that are

92

00:03:59,120 --> 00:03:56,730

listening you can what yes what's the

93

00:03:59,479 --> 00:03:59,130

show's exact name so people project

94

00:04:02,090 --> 00:03:59,489

Bluebook

95

00:04:04,280 --> 00:04:02,100

just project so they make them look like

96

00:04:07,070 --> 00:04:04,290

Hynek yet kind of has a gruff voice

97

00:04:09,560 --> 00:04:07,080

during the comic-con weekend they

98

00:04:11,960 --> 00:04:09,570

released a trailer and you can go see

99

00:04:20,509 --> 00:04:11,970

that at the History Channel page in fact

100

00:04:23,920 --> 00:04:20,519

if you go to openminds.tv/radio and in

101
00:04:26,600 --> 00:04:23,930
black about the flatwoods monster and

102
00:04:27,800 --> 00:04:26,610
about this gorman

103
00:04:31,100 --> 00:04:27,810
uf okay

104
00:04:33,350 --> 00:04:31,110
from the 1940 thank you 48 and I want to

105
00:04:35,270 --> 00:04:33,360
talk to you about that one in particular

106
00:04:38,090 --> 00:04:35,280
in a second but these are stories that

107
00:04:41,060 --> 00:04:38,100
are going to be featured on the show and

108
00:04:43,190 --> 00:04:41,070
you can see that in the trailer I mean

109
00:04:45,140 --> 00:04:43,200
essentially they did biking's which was

110
00:04:47,210 --> 00:04:45,150
huge History Channel it's a scripted

111
00:04:49,190 --> 00:04:47,220
drama and it's great if you haven't

112
00:04:51,140 --> 00:04:49,200
watched it I love it and it's a very

113
00:04:53,870 --> 00:04:51,150

well-done scripted drama you know

114

00:04:55,879 --> 00:04:53,880

high-production they're out Norway and

115

00:04:57,980 --> 00:04:55,889

all of this big it feels like a movie

116

00:04:59,690 --> 00:04:57,990

every episode almost like Game of

117

00:05:02,240 --> 00:04:59,700

Thrones or something so they're doing

118

00:05:04,850 --> 00:05:02,250

the same thing with UFOs and project

119

00:05:06,890 --> 00:05:04,860

Bluebook on this television show when

120

00:05:08,780 --> 00:05:06,900

you watch it you can see there this is

121

00:05:11,930 --> 00:05:08,790

like a movie every episodes like a movie

122

00:05:14,300 --> 00:05:11,940

very high production value Aiden Gillen

123

00:05:17,090 --> 00:05:14,310

from Game of Thrones so he's huge

124

00:05:20,080 --> 00:05:17,100

Robert Zemeckis is the producer this is

125

00:05:24,469 --> 00:05:20,090

a guy who directed back to the future

126

00:05:27,400 --> 00:05:24,479

contact and other things he's a big fan

127

00:05:29,930 --> 00:05:27,410

of Spielberg and of course Hynek was

128

00:05:33,680 --> 00:05:29,940

inspired the movie Close Encounters for

129

00:05:35,690 --> 00:05:33,690

Spielberg but the other thing that

130

00:05:37,610 --> 00:05:35,700

they're gonna do and I think that's why

131

00:05:40,550 --> 00:05:37,620

they kind of focus on this men and black

132

00:05:42,770 --> 00:05:40,560

thing is that although the show's based

133

00:05:44,779 --> 00:05:42,780

on true events like they repeat and

134

00:05:47,330 --> 00:05:44,789

they're really covering some of the the

135

00:05:49,340 --> 00:05:47,340

big cases they are adding a bit of

136

00:05:51,590 --> 00:05:49,350

speculation in there in that their

137

00:05:53,930 --> 00:05:51,600

description of the show says you know

138

00:05:56,840 --> 00:05:53,940

Hynek kind of starts to suspect that

139

00:05:58,219 --> 00:05:56,850

he's just a frontman for a bigger secret

140

00:06:00,440 --> 00:05:58,229

project and they're not sharing

141

00:06:02,570 --> 00:06:00,450

everything with him and of course people

142

00:06:05,690 --> 00:06:02,580

in this field feel like that may be the

143

00:06:07,879 --> 00:06:05,700

truth not that we know that for sure nor

144

00:06:09,860 --> 00:06:07,889

do we necessarily know that he felt that

145

00:06:11,960 --> 00:06:09,870

way but that's going to be kind of some

146

00:06:14,719 --> 00:06:11,970

of the drama or some of the fiction

147

00:06:16,670 --> 00:06:14,729

added to this story but it looks really

148

00:06:17,240 --> 00:06:16,680

really good at this activation so this

149

00:06:19,430 --> 00:06:17,250

is cool

150

00:06:21,200 --> 00:06:19,440

when you first walk in they kind of

151

00:06:23,029 --> 00:06:21,210

briefed you they have a staff person

152

00:06:25,580 --> 00:06:23,039

there briefs you on what blue book was

153

00:06:27,320 --> 00:06:25,590

for people who were not aware and then

154

00:06:30,110 --> 00:06:27,330

they asked you if you had your own UFO

155

00:06:32,150 --> 00:06:30,120

sighting in my case I said yes and it

156

00:06:34,219 --> 00:06:32,160

turned out practically everybody who

157

00:06:37,100 --> 00:06:34,229

walked in was saying yes to my surprise

158

00:06:39,469 --> 00:06:37,110

and you know we couldn't hear they just

159

00:06:41,690 --> 00:06:39,479

sat us each down with our own person and

160

00:06:43,730 --> 00:06:41,700

but I can overhear people saying yeah

161

00:06:46,400 --> 00:06:43,740

I've had my own so you describe your

162

00:06:48,050 --> 00:06:46,410

sighting and then what they say is at

163

00:06:51,110 --> 00:06:48,060

the end you'll be able to pick up a

164

00:06:53,180 --> 00:06:51,120

drawing of your sighting so that was

165

00:06:55,900 --> 00:06:53,190

neat you then go through to another room

166

00:07:01,490 --> 00:06:55,910

where they cover flatwoods monster

167

00:07:03,980 --> 00:07:01,500

Lubbock lights this this Gorman instant

168

00:07:06,350 --> 00:07:03,990

incident and you can kind of hear some

169

00:07:08,600 --> 00:07:06,360

audio from the show they show you a

170

00:07:11,030 --> 00:07:08,610

trailer then you go into another room

171

00:07:13,130 --> 00:07:11,040

and they've got this cool like radar and

172

00:07:17,000 --> 00:07:13,140

stuff like that in there and you can

173

00:07:19,610 --> 00:07:17,010

send a message to space well and then

174

00:07:22,820 --> 00:07:19,620

the other side I did were your friend

175

00:07:23,600 --> 00:07:22,830

Leah of course I was friendly um I'm

176

00:07:26,270 --> 00:07:23,610

always early

177

00:07:28,790 --> 00:07:26,280

yeah but I warned him I was so friendly

178

00:07:32,330 --> 00:07:28,800

to the aliens that I told him stay away

179

00:07:36,260 --> 00:07:32,340

these humans are crazy actually I'll

180

00:07:39,380 --> 00:07:36,270

tweet what I had posted here after the

181

00:07:41,600 --> 00:07:39,390

show but I told them that humans are

182

00:07:43,550 --> 00:07:41,610

dangerous not and they eat you know

183

00:07:46,640 --> 00:07:43,560

living creatures other Earth's creatures

184

00:07:49,160 --> 00:07:46,650

and isn't that gross is what I said so

185

00:07:51,260 --> 00:07:49,170

because I figured alien - agree with me

186

00:07:53,240 --> 00:07:51,270

so I warned him to stay away on the

187

00:07:55,640 --> 00:07:53,250

other side of this room were some guys

188

00:07:57,650 --> 00:07:55,650

that were kind of in their 1950s outfits

189

00:07:59,510 --> 00:07:57,660

and they were like working supposed to

190

00:08:01,220 --> 00:07:59,520

be like Blue Book staffers or something

191

00:08:04,190 --> 00:08:01,230

but they were the sketch artists who

192

00:08:06,650 --> 00:08:04,200

were sketching out our sightings on the

193

00:08:10,100 --> 00:08:06,660

wall there was some other cool stuff

194

00:08:13,550 --> 00:08:10,110

from other real UFO sightings as well

195

00:08:16,070 --> 00:08:13,560

and I did do a facebook live of my tour

196

00:08:17,870 --> 00:08:16,080

through there so go to my Facebook and

197

00:08:19,280 --> 00:08:17,880

you can watch you know see what this

198

00:08:22,720 --> 00:08:19,290

thing was like because it was really

199

00:08:25,610 --> 00:08:22,730

cool and sure enough they did give me a

200

00:08:28,430 --> 00:08:25,620

picture of my sighting and I did post

201
00:08:30,950 --> 00:08:28,440
that @openmindtv the picture along with

202
00:08:34,160 --> 00:08:30,960
my description of the sighting that they

203
00:08:37,070 --> 00:08:34,170
depicted there so it was a really cool

204
00:08:41,030 --> 00:08:37,080
exhibit or activation as they call it in

205
00:08:42,589 --> 00:08:41,040
the comic-con world but yeah there's

206
00:08:44,270 --> 00:08:42,599
lots of stories coming out about this

207
00:08:46,790 --> 00:08:44,280
and what's cool is because it's real I

208
00:08:51,590 --> 00:08:46,800
mean it feels like x-files but this is

209
00:08:53,900 --> 00:08:51,600
now kind of like you know the The

210
00:08:55,519 --> 00:08:53,910
Godfather of UFOs a true you know

211
00:08:57,949 --> 00:08:55,529
specialist

212
00:09:00,650 --> 00:08:57,959
J Allen Hynek out there kind of doing

213
00:09:04,280 --> 00:09:00,660

the investigation so if you couldn't

214

00:09:06,559 --> 00:09:04,290

tell I'm extremely excited see that's

215

00:09:08,629 --> 00:09:06,569

coming out on History Channel that's I

216

00:09:10,429 --> 00:09:08,639

thought you said Wow mm-hmm well I sure

217

00:09:12,199 --> 00:09:10,439

hope you didn't give those aliens any

218

00:09:18,410 --> 00:09:12,209

ideas that this is a good place to eat

219

00:09:21,049 --> 00:09:18,420

you know if they were to come down here

220

00:09:22,610 --> 00:09:21,059

and this is why I think it's important

221

00:09:24,799 --> 00:09:22,620

to be vegetarian if they're to come down

222

00:09:26,629 --> 00:09:24,809

here and they're not vegetarian how are

223

00:09:29,119 --> 00:09:26,639

they to choose what to eat they'll see

224

00:09:32,119 --> 00:09:29,129

us you know do you eat this this big

225

00:09:33,559 --> 00:09:32,129

round thing or do you eat you know what

226
00:09:35,809 --> 00:09:33,569
are the creatures that you would want to

227
00:09:38,030 --> 00:09:35,819
eat so if they see us eating creatures

228
00:09:40,100 --> 00:09:38,040
are like oh this must be a thing let's

229
00:09:44,119 --> 00:09:40,110
pick up some of these guys and try them

230
00:09:48,230 --> 00:09:44,129
out and thus the cattle mutilation you

231
00:09:50,329 --> 00:09:48,240
know and I wonder if if on other planets

232
00:09:52,129 --> 00:09:50,339
everything doesn't taste like chicken

233
00:09:54,590 --> 00:09:52,139
what if it tastes like something else

234
00:09:56,480 --> 00:09:54,600
just that's unique of Earth that every

235
00:09:58,670 --> 00:09:56,490
living creature that you eat kind of

236
00:10:00,590 --> 00:09:58,680
tastes like chicken is as we say well

237
00:10:02,780 --> 00:10:00,600
well I never thought of all this stuff

238
00:10:04,790 --> 00:10:02,790

yeah way too much their brain around

239

00:10:08,360 --> 00:10:04,800

oh this Gorman sighting just real quick

240

00:10:11,240 --> 00:10:08,370

yes you can read about this but yeah

241

00:10:13,699 --> 00:10:11,250

it's a really early dog fight from 1948

242

00:10:15,740 --> 00:10:13,709

and it's cool at the History Channel is

243

00:10:17,090 --> 00:10:15,750

really pushing this case because it's a

244

00:10:19,220 --> 00:10:17,100

cool one and they must have read that

245

00:10:21,259 --> 00:10:19,230

when they came across these files but

246

00:10:24,199 --> 00:10:21,269

essentially it's this guy he was a world

247

00:10:26,660 --> 00:10:24,209

war two fighter 1948 he's with the Air

248

00:10:30,470 --> 00:10:26,670

National Guard he's flying in his p-51

249

00:10:32,780 --> 00:10:30,480

and he spots this light and orable light

250

00:10:34,879 --> 00:10:32,790

he thought it was the tail light from

251
00:10:37,100 --> 00:10:34,889
another plane but it passed near him and

252
00:10:38,660 --> 00:10:37,110
the radar controller said we didn't have

253
00:10:40,819 --> 00:10:38,670
anything on radar we don't there wasn't

254
00:10:43,340 --> 00:10:40,829
an aircraft that passed toward past you

255
00:10:46,579 --> 00:10:43,350
so he turns around and he kind of

256
00:10:49,910 --> 00:10:46,589
pursues this thing he says he gets in

257
00:10:53,389 --> 00:10:49,920
within he gets pretty close to it and he

258
00:10:56,150 --> 00:10:53,399
described it as a 6 to 8 inch round

259
00:10:58,910 --> 00:10:56,160
light that there was it was just kind of

260
00:11:02,179 --> 00:10:58,920
a solid I know light seemed to be

261
00:11:04,400 --> 00:11:02,189
emanated past the diameter of this thing

262
00:11:06,980 --> 00:11:04,410
so it was the characteristics of the

263
00:11:09,230 --> 00:11:06,990

light were strange and then he began to

264

00:11:10,850 --> 00:11:09,240

chase it and fly around in

265

00:11:14,060 --> 00:11:10,860

banking around and doing all these

266

00:11:17,030 --> 00:11:14,070

things until it took off just you know

267

00:11:20,090 --> 00:11:17,040

was gone as we read about so many other

268

00:11:22,880 --> 00:11:20,100

times but he said he pursued this thing

269

00:11:25,760 --> 00:11:22,890

for 27 minutes and there were other

270

00:11:27,740 --> 00:11:25,770

witnesses involved other aircraft so

271

00:11:29,600 --> 00:11:27,750

there were a lot of credible witnesses

272

00:11:33,199 --> 00:11:29,610

along with this case so it's a

273

00:11:35,150 --> 00:11:33,209

fascinating sighting just like a Foo

274

00:11:37,550 --> 00:11:35,160

Fighter what they were saying

275

00:11:40,820 --> 00:11:37,560

essentially yeah it's a boo fighter

276

00:11:42,860 --> 00:11:40,830

experience after world war ii yeah with

277

00:11:45,740 --> 00:11:42,870

this Air National Guard pilot and his

278

00:11:48,230 --> 00:11:45,750

his p-51 which was a plane that was you

279

00:11:51,680 --> 00:11:48,240

know used that's that was our one of our

280

00:11:54,320 --> 00:11:51,690

major I think it was a Marine the

281

00:11:57,019 --> 00:11:54,330

Marines used it for in World War two if

282

00:11:58,790 --> 00:11:57,029

I'm if I'm not mistaken but someone

283

00:12:00,889 --> 00:11:58,800

could correct me but anyways it was a

284

00:12:03,290 --> 00:12:00,899

plane that we did use in World War two

285

00:12:05,060 --> 00:12:03,300

but you can add open mind to that TV

286

00:12:07,430 --> 00:12:05,070

I've got a link to it to the front page

287

00:12:10,070 --> 00:12:07,440

I also tweeted it in Facebook the story

288

00:12:12,260 --> 00:12:10,080

you can also see it at the History

289

00:12:13,760 --> 00:12:12,270

Channel's project Bluebook page which

290

00:12:16,540 --> 00:12:13,770

people should explore because it's

291

00:12:19,130 --> 00:12:16,550

really really neat stuff great awesome

292

00:12:21,590 --> 00:12:19,140

anything I know we're just about out of

293

00:12:22,970 --> 00:12:21,600

time here but has any like really good

294

00:12:25,100 --> 00:12:22,980

sightings are you aware of any good

295

00:12:26,930 --> 00:12:25,110

recent sightings people are talking

296

00:12:28,790 --> 00:12:26,940

about I haven't really I've been

297

00:12:31,490 --> 00:12:28,800

involved in a project I haven't really

298

00:12:34,550 --> 00:12:31,500

taken a look myself there are some

299

00:12:37,780 --> 00:12:34,560

people I deciding that I've seen that

300

00:12:40,670 --> 00:12:37,790

are out there have been figured out

301
00:12:42,730 --> 00:12:40,680
essentially and I've posted about a few

302
00:12:46,160 --> 00:12:42,740
of those if you go to the open minds UFO

303
00:12:49,579 --> 00:12:46,170
news group on Facebook you can see a lot

304
00:12:51,829 --> 00:12:49,589
of those stories but yeah nothing too

305
00:12:54,769 --> 00:12:51,839
exciting in my opinion it seems like

306
00:12:56,720 --> 00:12:54,779
everything has kind of been explained so

307
00:12:59,660 --> 00:12:56,730
unfortunately yeah no big sighting

308
00:13:02,690 --> 00:12:59,670
recently that I'm aware of well alright

309
00:13:03,290 --> 00:13:02,700
well hey thanks so much Alejandra my

310
00:13:06,350 --> 00:13:03,300
pleasure

311
00:13:06,829 --> 00:13:06,360
say hi to Chris great this should be a

312
00:13:08,690 --> 00:13:06,839
great show

313
00:13:10,519 --> 00:13:08,700

all right excellent all right we'll see

314

00:13:13,160 --> 00:13:10,529

you next week all right talk to you

315

00:13:16,130 --> 00:13:13,170

later all right everyone so our guest

316

00:13:18,890 --> 00:13:16,140

Chris Cogswell he received his PhD and

317

00:13:22,710 --> 00:13:18,900

chemical engineering focusing on the

318

00:13:26,749 --> 00:13:22,720

study of nano materials for the use as

319

00:13:29,759 --> 00:13:26,759

lists and absorbance and he kept that

320

00:13:33,210 --> 00:13:29,769

degree at North Eastern University and

321

00:13:37,170 --> 00:13:33,220

he has a bachelor's degree of in

322

00:13:38,939 --> 00:13:37,180

chemical engineering and philosophy from

323

00:13:41,129 --> 00:13:38,949

the University of New Hampshire he

324

00:13:45,079 --> 00:13:41,139

actually graduated the same year as my

325

00:13:48,929 --> 00:13:45,089

son how about that and he has a podcast

326

00:13:53,009 --> 00:13:48,939

and it's on you know basically like

327

00:13:54,809 --> 00:13:53,019

fringe science claims and science and

328

00:13:57,569 --> 00:13:54,819

it's called the mad scientist podcast

329

00:13:59,280 --> 00:13:57,579

and I can't I started listening what I'm

330

00:14:01,980 --> 00:13:59,290

gonna check that podcast out for sure

331

00:14:02,790 --> 00:14:01,990

Chris welcome to the show thank you so

332

00:14:04,860 --> 00:14:02,800

much for having me

333

00:14:07,530 --> 00:14:04,870

yeah I think I got most of that right

334

00:14:10,980 --> 00:14:07,540

didn't I sort of oh yeah yeah oh yeah no

335

00:14:14,009 --> 00:14:10,990

you got it right good stuff yeah so

336

00:14:16,079 --> 00:14:14,019

Chris I listened to you a while back

337

00:14:18,300 --> 00:14:16,089

when you want when you were on open

338

00:14:21,389 --> 00:14:18,310

minds with Alejandro they're pretty

339

00:14:24,869 --> 00:14:21,399

pretty impressed and so but I don't

340

00:14:27,689 --> 00:14:24,879

remember listening to how you started

341

00:14:30,240 --> 00:14:27,699

getting a fascination for I know it's

342

00:14:33,990 --> 00:14:30,250

not just UFOs about UFOs are part of it

343

00:14:36,420 --> 00:14:34,000

so along with your science interests in

344

00:14:38,189 --> 00:14:36,430

your philosophy interests what really

345

00:14:42,150 --> 00:14:38,199

led you down the path of looking into

346

00:14:45,329 --> 00:14:42,160

the UFO topic among others things so

347

00:14:49,829 --> 00:14:45,339

when I was a kid I actually had what I

348

00:14:52,829 --> 00:14:49,839

would describe to be a near UFO Sun or

349

00:14:55,829 --> 00:14:52,839

not maybe not a sighting even I growing

350

00:14:57,929 --> 00:14:55,839

up had very very vivid dreams I still

351

00:15:01,259 --> 00:14:57,939

had very vivid dreams seems to be

352

00:15:06,329 --> 00:15:01,269

something that runs in my family and so

353

00:15:06,869 --> 00:15:06,339

one night as you know any rambunctious 7

354

00:15:10,139 --> 00:15:06,879

year old kid

355

00:15:13,740 --> 00:15:10,149

I stayed up way too late I way too much

356

00:15:18,470 --> 00:15:13,750

candy I snuck into my dad's my parents

357

00:15:20,999 --> 00:15:18,480

bedroom to watch the x-files reruns and

358

00:15:23,610 --> 00:15:21,009

just like tore into you know those

359

00:15:25,170 --> 00:15:23,620

Christmas popcorn tins yes right with

360

00:15:26,429 --> 00:15:25,180

like the difference okay just tore into

361

00:15:27,840 --> 00:15:26,439

one of those right like I'm sure there

362

00:15:32,699 --> 00:15:27,850

wasn't any caramel corn left in the

363

00:15:35,699 --> 00:15:32,709

morning and I remember then falling

364

00:15:36,720 --> 00:15:35,709

asleep and then being woken up later by

365

00:16:01,500 --> 00:15:36,730

a

366

00:16:03,019 --> 00:16:01,510

experiences where I would be kind of in

367

00:16:05,430 --> 00:16:03,029

and out of sleep and I'd have a scary

368

00:16:07,199 --> 00:16:05,440

nightmare experience kind of thing and

369

00:16:08,610 --> 00:16:07,209

then I kind of just pushed into the back

370

00:16:10,170 --> 00:16:08,620

of my head you know I was like well it's

371

00:16:12,769 --> 00:16:10,180

too whatever it's weird it's a scary

372

00:16:16,980 --> 00:16:12,779

thing I don't know what happened and

373

00:16:19,710 --> 00:16:16,990

finally I started getting older you know

374

00:16:21,780 --> 00:16:19,720

maybe around 13 14 15 around that age I

375

00:16:22,920 --> 00:16:21,790

asked my mom I said you know do you do

376

00:16:23,550 --> 00:16:22,930

you remember me saying anything about

377

00:16:26,910 --> 00:16:23,560

that

378

00:16:29,280 --> 00:16:26,920

and my mom's explanation as far as I can

379

00:16:31,439 --> 00:16:29,290

remember it was basically yeah you used

380

00:16:34,439 --> 00:16:31,449

to get really bad fevers as a kid and

381

00:16:37,379 --> 00:16:34,449

your brain was boiling you know okay so

382

00:16:38,819 --> 00:16:37,389

basically you know I was I was in bed I

383

00:16:43,470 --> 00:16:38,829

must have had a bad fever or something

384

00:16:59,100 --> 00:16:43,480

and so for and now as an adult I kind of

385

00:17:11,110 --> 00:17:06,699

today I don't think they that you know

386

00:17:12,460 --> 00:17:11,120

of other people if I could be tricked

387

00:17:14,289 --> 00:17:12,470

other people can be tricked other people

388

00:17:16,840 --> 00:17:14,299

can be can be mistaken other people can

389

00:17:19,569 --> 00:17:16,850

have scary experiences and even if a

390

00:17:21,480 --> 00:17:19,579

hundred you know even if nearly 99% of

391

00:17:24,579 --> 00:17:21,490

them are are just mistakes

392

00:17:26,679 --> 00:17:24,589

what if there's that 1% that is a reveal

393

00:17:29,470 --> 00:17:26,689

experience or a real case of someone

394

00:17:33,549 --> 00:17:29,480

seeing something strange at night being

395

00:17:35,590 --> 00:17:33,559

abducted or whatever so really it was a

396

00:17:39,279 --> 00:17:35,600

mix of my own personal experiences and

397

00:17:41,110 --> 00:17:39,289

kind of my love of science that made me

398

00:17:43,360 --> 00:17:41,120

want to ask these questions more because

399

00:17:45,909 --> 00:17:43,370

again you know the history of science is

400

00:17:48,039 --> 00:17:45,919

filled with these things that we thought

401
00:17:50,350 --> 00:17:48,049
were completely impossible for

402
00:17:52,090 --> 00:17:50,360
generations you know and something is

403
00:17:55,630 --> 00:17:52,100
always impossible until it isn't anymore

404
00:17:58,299 --> 00:17:55,640
right so in my mind this is kind of one

405
00:18:00,070 --> 00:17:58,309
of those interesting questions where you

406
00:18:03,669 --> 00:18:00,080
know thousands of people every month

407
00:18:07,630 --> 00:18:03,679
report sightings hundreds report things

408
00:18:09,549 --> 00:18:07,640
like direct contact and I think

409
00:18:12,970 --> 00:18:09,559
regardless again of whether or not

410
00:18:14,440 --> 00:18:12,980
there's any ultimate regardless of what

411
00:18:16,750 --> 00:18:14,450
the ultimate source of those cases are

412
00:18:18,130 --> 00:18:16,760
there is something useful and

413
00:18:20,470 --> 00:18:18,140

interesting scientifically to

414

00:18:23,020 --> 00:18:20,480

investigate here so that's kind of where

415

00:18:25,930 --> 00:18:23,030

I come from with all these questions hmm

416

00:18:28,659 --> 00:18:25,940

and I would notice on your show that you

417

00:18:32,380 --> 00:18:28,669

do other topics I saw you did Mothman

418

00:18:34,750 --> 00:18:32,390

and other things like that but on that's

419

00:18:36,490 --> 00:18:34,760

called the mad scientist podcast but you

420

00:18:39,909 --> 00:18:36,500

were just before the show when we were

421

00:18:42,340 --> 00:18:39,919

checking in that will show that logo go

422

00:18:44,110 --> 00:18:42,350

ahead so just before the show when we

423

00:18:49,090 --> 00:18:44,120

were checking in you said that you also

424

00:18:51,220 --> 00:18:49,100

did another podcast and what did you say

425

00:18:54,159 --> 00:18:51,230

that had something to a science I mean

426

00:18:58,149 --> 00:18:54,169

or a base or something so we are

427

00:19:00,130 --> 00:18:58,159

starting a show with we're starting a

428

00:19:02,919 --> 00:19:00,140

show basically with Dave Scott from

429

00:19:04,299 --> 00:19:02,929

spaced-out radio we're the second

430

00:19:07,270 --> 00:19:04,309

Wednesday of every month we are going to

431

00:19:09,909 --> 00:19:07,280

be talking about talking about these

432

00:19:11,880 --> 00:19:09,919

cases from the lens of science and

433

00:19:13,649 --> 00:19:11,890

skepticism and

434

00:19:16,770 --> 00:19:13,659

kind of questioning really some of those

435

00:19:19,440 --> 00:19:16,780

ideas so we're calling them we're

436

00:19:20,970 --> 00:19:19,450

calling them reality paranormal and so

437

00:19:23,310 --> 00:19:20,980

they're gonna be going out on a Tuesday

438

00:19:26,460 --> 00:19:23,320

or Wednesday night sorry the second

439

00:19:27,779 --> 00:19:26,470

Wednesday of every month nights so be

440

00:19:28,740 --> 00:19:27,789

sure to check those out and I'll put the

441

00:19:29,930 --> 00:19:28,750

links up on my Twitter page and

442

00:19:31,110 --> 00:19:29,940

everything and give you those as well

443

00:19:35,460 --> 00:19:31,120

excellent

444

00:19:39,539 --> 00:19:35,470

okay yeah so I figured we could probably

445

00:19:41,850 --> 00:19:39,549

get this part out of the way by talking

446

00:19:45,230 --> 00:19:41,860

talking about MUFON in your short stint

447

00:19:49,649 --> 00:19:45,240

how long we were actually with MUFON I

448

00:19:50,190 --> 00:19:49,659

think I was at MUFON maybe two and a

449

00:19:54,330 --> 00:19:50,200

half

450

00:19:57,450 --> 00:19:54,340

scaramouche ease maybe I don't know see

451
00:20:00,690 --> 00:19:57,460
that was 11 days yeah I was there longer

452
00:20:05,430 --> 00:20:00,700
than that I don't know he know his his

453
00:20:07,049 --> 00:20:05,440
his time is 11 days Symone right yeah oh

454
00:20:10,289 --> 00:20:07,059
so we're talking we're talking maybe

455
00:20:13,020 --> 00:20:10,299
then oh eight or eight eight to ten

456
00:20:14,610 --> 00:20:13,030
mooches of my time it would be fun so I

457
00:20:18,570 --> 00:20:14,620
was there for about I was there for

458
00:20:22,919 --> 00:20:18,580
between four and five months my full

459
00:20:24,600 --> 00:20:22,929
time there was and that includes kind of

460
00:20:27,240 --> 00:20:24,610
me initially getting involved in the

461
00:20:28,529 --> 00:20:27,250
organization wanted to become you know

462
00:20:30,659 --> 00:20:28,539
really want to become a member

463
00:20:32,970 --> 00:20:30,669

wanting to help do some research kind of

464

00:20:36,140 --> 00:20:32,980

trying to get a look into their reports

465

00:20:42,570 --> 00:20:36,150

and you know the books so to speak and

466

00:20:46,520 --> 00:20:42,580

to my eventual resignation so but before

467

00:20:49,850 --> 00:20:46,530

we talk about your resignation you had a

468

00:20:53,760 --> 00:20:49,860

really good goal of getting things done

469

00:20:56,190 --> 00:20:53,770

there how was was that progressing in

470

00:21:01,980 --> 00:20:56,200

the right direction before the you know

471

00:21:06,180 --> 00:21:01,990

what hit the fan so it was it was

472

00:21:08,180 --> 00:21:06,190

progressing it was the thing with the

473

00:21:11,220 --> 00:21:08,190

thing with MUFON that I think a lot of

474

00:21:14,880 --> 00:21:11,230

people not actively involved in

475

00:21:18,690 --> 00:21:14,890

investigations don't realize is that

476
00:21:22,350 --> 00:21:18,700
MUFON is really more of a it's not like

477
00:21:25,139 --> 00:21:22,360
a big very organized organization it's

478
00:21:29,190 --> 00:21:25,149
very it's very

479
00:21:31,049 --> 00:21:29,200
focused on individual states and so part

480
00:21:33,719 --> 00:21:31,059
of what I was hoping to accomplish was

481
00:21:36,479 --> 00:21:33,729
trying to consolidate some of that

482
00:21:38,129 --> 00:21:36,489
energy all the you know we there are

483
00:21:40,229 --> 00:21:38,139
people in states doing wonderful work

484
00:21:42,029 --> 00:21:40,239
doing really good investigations

485
00:21:44,849 --> 00:21:42,039
spending their own time spending their

486
00:21:46,799 --> 00:21:44,859
own money you know to go out there and

487
00:21:48,180 --> 00:21:46,809
do these do these investigation of cases

488
00:21:50,310 --> 00:21:48,190

and things and then that information

489

00:21:53,070 --> 00:21:50,320

doesn't go anywhere it just ends up on a

490

00:21:55,049 --> 00:21:53,080

server in the basement of MUFON

491

00:21:58,680 --> 00:21:55,059

headquarters yeah a lot of people

492

00:22:02,519 --> 00:21:58,690

complain about that yeah and it's a it's

493

00:22:04,769 --> 00:22:02,529

a valid complaint I mean you you would

494

00:22:06,119 --> 00:22:04,779

think that with all of the cases they

495

00:22:07,469 --> 00:22:06,129

get and with all the time and everything

496

00:22:09,450 --> 00:22:07,479

that you'd be able to make something

497

00:22:13,049 --> 00:22:09,460

really useful and when I found was that

498

00:22:14,519 --> 00:22:13,059

it was not a lack of information that

499

00:22:17,849 --> 00:22:14,529

stopped that from happening it was more

500

00:22:22,259 --> 00:22:17,859

of a lack of clear direction and a lack

501
00:22:23,459 --> 00:22:22,269
of energy and motivation we managed to

502
00:22:25,379 --> 00:22:23,469
probably the biggest thing that we

503
00:22:28,320 --> 00:22:25,389
accomplished while there was the

504
00:22:29,669 --> 00:22:28,330
creation of a I hope it's still going

505
00:22:33,359 --> 00:22:29,679
and I hope it's still available to

506
00:22:34,560 --> 00:22:33,369
people and if anyone emails and it's not

507
00:22:37,019 --> 00:22:34,570
available anymore then that's a shame

508
00:22:38,789 --> 00:22:37,029
but what we were able to do was that

509
00:22:41,849 --> 00:22:38,799
MUFON database one of the biggest things

510
00:22:43,589 --> 00:22:41,859
keeping MUFON from giving that database

511
00:22:46,049 --> 00:22:43,599
information out to other researchers

512
00:22:48,450 --> 00:22:46,059
were concerns about personally

513
00:22:50,909 --> 00:22:48,460

identifying information so you know if

514

00:22:54,659 --> 00:22:50,919

you make a UFO report you don't want

515

00:22:56,159 --> 00:22:54,669

then your name and address and cell

516

00:22:58,560 --> 00:22:56,169

phone number and everything else your

517

00:23:01,169 --> 00:22:58,570

contact info to go out to the you know

518

00:23:03,479 --> 00:23:01,179

anybody who says I want to investigate I

519

00:23:05,549 --> 00:23:03,489

want to research you don't want anyone

520

00:23:06,899 --> 00:23:05,559

to get that your information so one of

521

00:23:08,159 --> 00:23:06,909

the biggest concerns was ensuring that

522

00:23:12,450 --> 00:23:08,169

that information went out to the right

523

00:23:13,979 --> 00:23:12,460

people and so and must kept safe in

524

00:23:16,859 --> 00:23:13,989

cases where we didn't want it to go out

525

00:23:18,810 --> 00:23:16,869

so we're gonna have we're gonna have to

526
00:23:21,629 --> 00:23:18,820
keep that thought if you would or write

527
00:23:23,810 --> 00:23:21,639
that down we'll get back to it

528
00:23:26,869 --> 00:23:23,820
so we're coming up on a break right now

529
00:23:30,930 --> 00:23:26,879
this is Martin Willis of podcast UFO on

530
00:23:32,879 --> 00:23:30,940
kgr a radio and my guess is Christopher

531
00:23:35,149 --> 00:23:32,889
Carr Cogswell we'll be right back after

532
00:23:37,799 --> 00:23:35,159
this commercial break

533
00:23:39,030 --> 00:23:37,809
clear three minutes gentlemen three

534
00:23:41,790 --> 00:23:39,040
minutes got it okay

535
00:23:46,200 --> 00:23:41,800
all right Lee so just quickly for the

536
00:23:48,750 --> 00:23:46,210
people on YouTube I did start the show

537
00:23:51,930 --> 00:23:48,760
and I'm sorry on YouTube so I just want

538
00:23:55,110 --> 00:23:51,940

to tell you that we are not going to be

539

00:23:57,120 --> 00:23:55,120

a live at MUFON this weekend we are

540

00:23:59,040 --> 00:23:57,130

going to gather we're going to gather

541

00:24:02,550 --> 00:23:59,050

interviews and those interviews will be

542

00:24:04,200 --> 00:24:02,560

put into a youtube show that'll come up

543

00:24:05,700 --> 00:24:04,210

sometime the beginning of the week I'm

544

00:24:08,580 --> 00:24:05,710

not sure if it's Monday or not so just

545

00:24:10,500 --> 00:24:08,590

want to let everyone know that so Chris

546

00:24:12,120 --> 00:24:10,510

we'll get back to that we'll get back to

547

00:24:16,680 --> 00:24:12,130

that topic when we come back from the

548

00:24:17,280 --> 00:24:16,690

break so but uh I'll ask you during the

549

00:24:21,870 --> 00:24:17,290

break here

550

00:24:23,430 --> 00:24:21,880

how how does your science background I

551

00:24:26,310 --> 00:24:23,440

guess to get out actually this during

552

00:24:27,960 --> 00:24:26,320

the podcast too but what part I guess

553

00:24:29,970 --> 00:24:27,970

should say it this way what part of your

554

00:24:32,990 --> 00:24:29,980

science background helps you the most

555

00:24:37,200 --> 00:24:33,000

when you're looking at the UFO topic I

556

00:24:39,990 --> 00:24:37,210

would say honestly it's communication

557

00:24:43,590 --> 00:24:40,000

skills it's the ability to take a

558

00:24:47,990 --> 00:24:43,600

complicated idea and write about it in

559

00:24:50,700 --> 00:24:48,000

such a way that it's both both

560

00:24:52,380 --> 00:24:50,710

academically rigorous enough that people

561

00:24:54,210 --> 00:24:52,390

who are people who are trying to

562

00:24:56,400 --> 00:24:54,220

convince frankly won't just dismiss it

563

00:24:58,800 --> 00:24:56,410

and that's kind of good that's kind of

564

00:25:00,990 --> 00:24:58,810

like an ivory tower sort of you know

565

00:25:02,610 --> 00:25:01,000

frankly a kind of a jerkish way of

566

00:25:04,920 --> 00:25:02,620

looking at things right but

567

00:25:08,400 --> 00:25:04,930

unfortunately that's kind of the way

568

00:25:11,430 --> 00:25:08,410

things happen so you have a lot of

569

00:25:12,690 --> 00:25:11,440

groups that will just throw away UFO

570

00:25:13,980 --> 00:25:12,700

reports out of hand because they're like

571

00:25:17,010 --> 00:25:13,990

well this was written by is just some

572

00:25:19,080 --> 00:25:17,020

you know some guys some lady whatever so

573

00:25:21,450 --> 00:25:19,090

trying to up the level and the

574

00:25:24,420 --> 00:25:21,460

standardization of those things was a

575

00:25:27,390 --> 00:25:24,430

huge like really was a very big part of

576

00:25:29,190 --> 00:25:27,400

I think the goal was to make these

577

00:25:33,240 --> 00:25:29,200

reports make these things look more

578

00:25:34,830 --> 00:25:33,250

efficient and official and so really I

579

00:25:36,990 --> 00:25:34,840

mean and that's that's been true

580

00:25:39,360 --> 00:25:37,000

throughout my entire career so far in

581

00:25:43,590 --> 00:25:39,370

everything you know no matter how many

582

00:25:44,760 --> 00:25:43,600

math I how much math I learn I'll always

583

00:25:47,940 --> 00:25:44,770

think that philosophy degree was the

584

00:25:51,840 --> 00:25:47,950

most useful because it you know taught

585

00:25:52,830 --> 00:25:51,850

me how to argue and also how to put my

586

00:25:56,430 --> 00:25:52,840

ideas out

587

00:25:59,130 --> 00:25:56,440

to the world Wow so philosophy is very

588

00:26:01,080 --> 00:25:59,140

helpful I oh I love I love my philosophy

589

00:26:02,519 --> 00:26:01,090

degree it was the best it was best is it

590

00:26:03,480 --> 00:26:02,529

one of the best decisions I've probably

591

00:26:05,519 --> 00:26:03,490

ever made

592

00:26:07,860 --> 00:26:05,529

yes unfortunate lot of people don't take

593

00:26:09,299 --> 00:26:07,870

philosophy because it's not a lot you

594

00:26:10,680 --> 00:26:09,309

can do with it except if you want to

595

00:26:13,230 --> 00:26:10,690

teach you know I mean there's really not

596

00:26:15,390 --> 00:26:13,240

yeah it's not too much to do it's an

597

00:26:17,310 --> 00:26:15,400

interesting thing degree because if you

598

00:26:19,769 --> 00:26:17,320

look at and this was something that was

599

00:26:21,480 --> 00:26:19,779

it was kind of funny they would you know

600

00:26:25,440 --> 00:26:21,490

the the department that I was in

601
00:26:28,080 --> 00:26:25,450
especially here in just one second oh we

602
00:26:29,460 --> 00:26:28,090
going back on soon yes I didn't want to

603
00:26:33,560 --> 00:26:29,470
interrupt you guys yeah we go ahead and

604
00:26:38,130 --> 00:26:36,600
all right maybe look onset particle and

605
00:26:39,240 --> 00:26:38,140
finish that up in the second part of

606
00:26:41,850 --> 00:26:39,250
second break

607
00:26:52,169 --> 00:26:41,860
stand by gentlemen about ten seconds all

608
00:26:54,269 --> 00:26:52,179
right okay in three two one go welcome

609
00:26:57,419 --> 00:26:54,279
back to podcast UFO am Martin Willis

610
00:27:01,409 --> 00:26:57,429
your host and we are in kgr a radio and

611
00:27:03,810 --> 00:27:01,419
my guest is Chris Cogswell Chris before

612
00:27:08,310 --> 00:27:03,820
the break you were talking about the ins

613
00:27:09,330 --> 00:27:08,320

and outs and MUFON and I told you to

614

00:27:13,110 --> 00:27:09,340

write it down did you

615

00:27:14,580 --> 00:27:13,120

I did I did write it down good so what

616

00:27:16,549 --> 00:27:14,590

exactly do you remember exactly where

617

00:27:20,430 --> 00:27:16,559

you were going with uh with this

618

00:27:22,490 --> 00:27:20,440

absolutely yeah so glad someone did the

619

00:27:24,180 --> 00:27:22,500

biggest the biggest I would say

620

00:27:27,330 --> 00:27:24,190

accomplishment that we had the biggest

621

00:27:29,070 --> 00:27:27,340

milestone we made was opening up the or

622

00:27:32,460 --> 00:27:29,080

allowing for the opening of the database

623

00:27:36,600 --> 00:27:32,470

to other researchers potentially so as

624

00:27:39,560 --> 00:27:36,610

of right now the the database manager

625

00:27:41,880 --> 00:27:39,570

for MUFON who is Tomas who is wonderful

626
00:27:43,409 --> 00:27:41,890
does not get I think enough credit as

627
00:27:45,779 --> 00:27:43,419
much credit as he deserves cuz he's

628
00:27:49,409 --> 00:27:45,789
really the one who does a lot of this

629
00:27:51,419 --> 00:27:49,419
kind of stuff but the the database

630
00:27:55,110 --> 00:27:51,429
itself now if you as an independent

631
00:27:57,090 --> 00:27:55,120
researcher wanna know say I want every

632
00:28:01,529 --> 00:27:57,100
case between you know and this is in

633
00:28:04,830 --> 00:28:01,539
this area between August 1st in August

634
00:28:06,060 --> 00:28:04,840
15th of 1995 they can out get that data

635
00:28:08,720 --> 00:28:06,070
for you they can export it

636
00:28:11,370 --> 00:28:08,730
and sent it to you in a way that is not

637
00:28:12,930 --> 00:28:11,380
identifiable to an individual person Wow

638
00:28:14,970 --> 00:28:12,940

[Music]

639

00:28:16,350 --> 00:28:14,980

yeah a lot of people have complained

640

00:28:20,010 --> 00:28:16,360

about one of the complaints I hear the

641

00:28:22,710 --> 00:28:20,020

most about MUFON is someone is working

642

00:28:24,990 --> 00:28:22,720

on a particular case trying to solve it

643

00:28:26,460 --> 00:28:25,000

and they they want to talk to the

644

00:28:28,740 --> 00:28:26,470

witnesses and they can you know that's

645

00:28:31,260 --> 00:28:28,750

one but I understand how that works how

646

00:28:34,110 --> 00:28:31,270

important it is to keep the safety of

647

00:28:37,230 --> 00:28:34,120

anonymity if someone needs it or wants

648

00:28:39,840 --> 00:28:37,240

it desires it but let me ask you this if

649

00:28:42,810 --> 00:28:39,850

you I don't even know if you know the

650

00:28:46,140 --> 00:28:42,820

answer to this but if I were to put

651
00:28:50,520 --> 00:28:46,150
report say a mass sighting

652
00:28:53,280 --> 00:28:50,530
other people saw to to move on am I able

653
00:28:54,840 --> 00:28:53,290
to say hey look I don't mind using my

654
00:28:57,510 --> 00:28:54,850
name use my name if people want to

655
00:29:02,010 --> 00:28:57,520
contact me can you actually do that and

656
00:29:05,280 --> 00:29:02,020
a MUFON report you can but I believe

657
00:29:07,080 --> 00:29:05,290
that there is some I what I'm gonna

658
00:29:08,610 --> 00:29:07,090
imagine there would have to be is some

659
00:29:11,010 --> 00:29:08,620
so when you when you make a report to

660
00:29:13,260 --> 00:29:11,020
move on there is paperwork you actually

661
00:29:14,730 --> 00:29:13,270
to fill out and in some ways it's

662
00:29:18,180 --> 00:29:14,740
designed in a certain a certain way to

663
00:29:19,950 --> 00:29:18,190

make it so that you know some guy on the

664

00:29:21,690 --> 00:29:19,960

weekend who just wants to kind of poke

665

00:29:24,240 --> 00:29:21,700

something or make a prank or whatever

666

00:29:26,970 --> 00:29:24,250

he's not gonna spend the 15-20 minutes

667

00:29:29,190 --> 00:29:26,980

to fill out all the forms you know I

668

00:29:31,530 --> 00:29:29,200

don't go to the DMV to get a joke

669

00:29:35,490 --> 00:29:31,540

driver's license right so I guess it's

670

00:29:37,050 --> 00:29:35,500

kind of the same theory so on that form

671

00:29:39,480 --> 00:29:37,060

though one of the check boxes you can

672

00:29:40,920 --> 00:29:39,490

check is I prefer to remain anonymous or

673

00:29:42,090 --> 00:29:40,930

not all right you know I'm happy with

674

00:29:43,470 --> 00:29:42,100

other people contacting me about this

675

00:29:48,600 --> 00:29:43,480

case so that is something that's

676

00:29:51,000 --> 00:29:48,610

possible for sure and also if once your

677

00:29:53,010 --> 00:29:51,010

case goes into the database they are

678

00:29:54,240 --> 00:29:53,020

made available a limited amount of

679

00:29:58,110 --> 00:29:54,250

information is made available on the

680

00:30:00,210 --> 00:29:58,120

MUFON UFO tracker website but again it's

681

00:30:03,180 --> 00:30:00,220

very very limited it's things like you

682

00:30:05,790 --> 00:30:03,190

know any photos you took maybe and a

683

00:30:07,590 --> 00:30:05,800

brief description and the general you

684

00:30:08,310 --> 00:30:07,600

know this happened in California you

685

00:30:13,670 --> 00:30:08,320

know stuff like that

686

00:30:17,400 --> 00:30:13,680

I see so if someone is doing research

687

00:30:19,289 --> 00:30:17,410

can they actually get deeper much deeper

688

00:30:21,180 --> 00:30:19,299

into I mean how

689

00:30:23,549 --> 00:30:21,190

how do you sign up for that something

690

00:30:25,619 --> 00:30:23,559

like that like to say if I would I was

691

00:30:27,330 --> 00:30:25,629

looking at a particular case and I

692

00:30:29,159 --> 00:30:27,340

wanted to get more information about it

693

00:30:31,229 --> 00:30:29,169

would I contact someone in particular

694

00:30:33,930 --> 00:30:31,239

or is it things just readily available

695

00:30:36,869 --> 00:30:33,940

if I know where to find them so the goal

696

00:30:39,090 --> 00:30:36,879

was that you would contact me but now

697

00:30:39,479 --> 00:30:39,100

there's no one in my position and move

698

00:30:45,419 --> 00:30:39,489

on

699

00:30:46,889 --> 00:30:45,429

you could you could try it you can give

700

00:30:50,869 --> 00:30:46,899

it a shot and see if you could just send

701
00:30:55,349 --> 00:30:50,879
an email to Jan or someone but honestly

702
00:30:58,109 --> 00:30:55,359
that and the other thing too is so I

703
00:31:00,599 --> 00:30:58,119
still have I still have my printouts of

704
00:31:01,889 --> 00:31:00,609
the database that MUFON was was gracious

705
00:31:05,759 --> 00:31:01,899
enough to allow me to continue working

706
00:31:09,840 --> 00:31:05,769
with to do some statistical work that my

707
00:31:11,549 --> 00:31:09,850
team is doing but you know for for newer

708
00:31:13,639 --> 00:31:11,559
cases things like that and whether or

709
00:31:15,930 --> 00:31:13,649
not they decide to continue that kind of

710
00:31:20,879 --> 00:31:15,940
vision that I was hoping to accomplish

711
00:31:23,039 --> 00:31:20,889
there I have no idea okay all right so

712
00:31:26,489 --> 00:31:23,049
let's get to the let's get to the bad

713
00:31:28,830 --> 00:31:26,499

stuff and just get that over there so

714

00:31:32,669 --> 00:31:28,840

you decided to leave MUFON do you want

715

00:31:35,269 --> 00:31:32,679

to go into the what what made you guys

716

00:31:39,389 --> 00:31:35,279

our read your letter when you wrote it

717

00:31:41,669 --> 00:31:39,399

was that two months ago or more Oh a

718

00:31:45,450 --> 00:31:41,679

little bit more three months around

719

00:31:47,700 --> 00:31:45,460

there yeah yeah man that was a it was

720

00:31:49,950 --> 00:31:47,710

such a gut punch you know I like I grew

721

00:31:52,739 --> 00:31:49,960

up I grew up reading about J Allen Hynek

722

00:31:54,869 --> 00:31:52,749

yeah reading about people that you know

723

00:31:57,359 --> 00:31:54,879

were the scientific minds who got

724

00:31:59,009 --> 00:31:57,369

involved and I finally was like I got

725

00:32:00,930 --> 00:31:59,019

involved it's you know oh I'm gonna do

726

00:32:02,970 --> 00:32:00,940

so much great stuff and then something

727

00:32:05,159 --> 00:32:02,980

like this comes up and it just takes the

728

00:32:08,279 --> 00:32:05,169

wind out of your sails completely you

729

00:32:11,279 --> 00:32:08,289

know but so the reason I resigned was

730

00:32:14,749 --> 00:32:11,289

that I I believed as I think many in the

731

00:32:19,080 --> 00:32:14,759

public believed that a certain state

732

00:32:22,979 --> 00:32:19,090

leader was removed due to racist

733

00:32:27,930 --> 00:32:22,989

comments made on Facebook it turned out

734

00:32:29,639 --> 00:32:27,940

that that removal was a lot less of a

735

00:32:32,730 --> 00:32:29,649

removal and a lot more of a shuffling

736

00:32:35,250 --> 00:32:32,740

about you know so you kind of

737

00:32:37,950 --> 00:32:35,260

it's kind of like when when Putin made

738

00:32:40,260 --> 00:32:37,960

Medvedev president or prime minister of

739

00:32:42,690 --> 00:32:40,270

Russia for that one you know like that

740

00:32:45,030 --> 00:32:42,700

month-long period place card holder yeah

741

00:32:48,780 --> 00:32:45,040

exactly right kind of kind of seems to

742

00:32:50,280 --> 00:32:48,790

be what's going on and then and then

743

00:32:55,669 --> 00:32:50,290

besides that too I found out that the

744

00:33:00,510 --> 00:32:55,679

issue of racism was or very questionable

745

00:33:03,990 --> 00:33:00,520

things were was more rampant than I had

746

00:33:06,810 --> 00:33:04,000

previously believed and so before you

747

00:33:10,520 --> 00:33:06,820

move from that do you mean among other

748

00:33:14,370 --> 00:33:10,530

members or just that particular member

749

00:33:19,280 --> 00:33:14,380

among other members is well ll yeah and

750

00:33:22,169 --> 00:33:19,290

just kind of a general look MUFON is a

751
00:33:24,930 --> 00:33:22,179
MUFON is an older organization there's

752
00:33:29,549 --> 00:33:24,940
no way around that MUFON is mostly made

753
00:33:32,580 --> 00:33:29,559
up of people in their 60s plus and a lot

754
00:33:34,710 --> 00:33:32,590
of the and with that comes obvious

755
00:33:37,140 --> 00:33:34,720
demographics right it's like if you you

756
00:33:40,169 --> 00:33:37,150
know if you went to a I don't know if

757
00:33:42,660 --> 00:33:40,179
you went to a high school event or

758
00:33:43,680 --> 00:33:42,670
whatever with a you know Reaganomics

759
00:33:45,900 --> 00:33:43,690
t-shirt on or something you'd probably

760
00:33:48,390 --> 00:33:45,910
get yelled at right it's kind of you

761
00:33:50,850 --> 00:33:48,400
know it's there there's kind of a feel

762
00:33:54,000 --> 00:33:50,860
to these kind of things unfortunately

763
00:33:55,620 --> 00:33:54,010

and although we would hope that although

764

00:33:57,240 --> 00:33:55,630

we would and that's not true at all of

765

00:33:59,430 --> 00:33:57,250

everywhere you know my local chapter

766

00:34:01,440 --> 00:33:59,440

Minnesota was amazing all the chapters

767

00:34:03,510 --> 00:34:01,450

that I've spoken to generally have been

768

00:34:04,980 --> 00:34:03,520

amazing but it is definitely something

769

00:34:07,950 --> 00:34:04,990

that is not taken as seriously as it

770

00:34:10,790 --> 00:34:07,960

should be especially for an organization

771

00:34:12,690 --> 00:34:10,800

that is having trouble recruiting young

772

00:34:16,440 --> 00:34:12,700

new members

773

00:34:18,690 --> 00:34:16,450

that's very true yeah and it's actually

774

00:34:21,030 --> 00:34:18,700

goal I've heard you know Jan talk about

775

00:34:23,609 --> 00:34:21,040

that trying to get you know trying to

776

00:34:25,560 --> 00:34:23,619

get them in it was a it was a goal that

777

00:34:28,980 --> 00:34:25,570

we shared in common you know I mean and

778

00:34:33,300 --> 00:34:28,990

that's the thing and there it I believe

779

00:34:35,340 --> 00:34:33,310

that there is something there that makes

780

00:34:37,230 --> 00:34:35,350

I believe that there is something

781

00:34:40,440 --> 00:34:37,240

whether it be a financial reason or just

782

00:34:43,379 --> 00:34:40,450

a personal reason or whatever that you

783

00:34:46,050 --> 00:34:43,389

know causes them as an organization to

784

00:34:46,690 --> 00:34:46,060

be unable or unwilling to distance

785

00:34:49,270 --> 00:34:46,700

themselves

786

00:34:51,190 --> 00:34:49,280

these people that make comments like

787

00:34:54,220 --> 00:34:51,200

this and hold these kind of views and

788

00:34:56,260 --> 00:34:54,230

things and so even just from a public

789

00:34:58,990 --> 00:34:56,270

relations or just from a purely selfish

790

00:35:01,329 --> 00:34:59,000

standpoint of I want this organization

791

00:35:03,760 --> 00:35:01,339

to continue it would be prudent to

792

00:35:06,940 --> 00:35:03,770

separate yourself entirely right from

793

00:35:08,319 --> 00:35:06,950

that kind of viewpoint and honestly I

794

00:35:11,290 --> 00:35:08,329

think it comes down to a problem of

795

00:35:14,200 --> 00:35:11,300

having a backbone in your beliefs mufon

796

00:35:15,790 --> 00:35:14,210

for so long has been the place where you

797

00:35:20,520 --> 00:35:15,800

can come and say anything and no one

798

00:35:23,800 --> 00:35:20,530

will question you you know no matter how

799

00:35:25,329 --> 00:35:23,810

preposterous the claim and that's not to

800

00:35:29,500 --> 00:35:25,339

say that we don't take people's

801
00:35:31,750 --> 00:35:29,510
experiences seriously we do but you know

802
00:35:33,520 --> 00:35:31,760
the 15th time a guy comes and shows you

803
00:35:35,490 --> 00:35:33,530
a photo a blank photo of his back yard

804
00:35:38,589 --> 00:35:35,500
and says look at the big foot I call it

805
00:35:42,579 --> 00:35:38,599
you know I'm gonna stop taking your

806
00:35:44,290 --> 00:35:42,589
photos you know there's no way so it's

807
00:35:46,510 --> 00:35:44,300
kind of the same thing here there's no

808
00:35:48,130 --> 00:35:46,520
critical there's no criticality at MUFON

809
00:35:50,560 --> 00:35:48,140
meetings - no criticality at MUFON

810
00:35:52,150 --> 00:35:50,570
generally in my opinion and that was

811
00:35:56,230 --> 00:35:52,160
again something that I believed the

812
00:35:58,569 --> 00:35:56,240
board and I had in common as a goal but

813
00:36:01,180 --> 00:35:58,579

when you can't even tell someone that

814

00:36:04,240 --> 00:36:01,190

they probably you know they're probably

815

00:36:06,760 --> 00:36:04,250

not a alien-human hybrid with

816

00:36:08,140 --> 00:36:06,770

telekinetic powers if you can't tell

817

00:36:11,380 --> 00:36:08,150

someone that you're probably not going

818

00:36:14,190 --> 00:36:11,390

to tell someone that they're I don't

819

00:36:16,720 --> 00:36:14,200

know their facebook posts are offensive

820

00:36:20,920 --> 00:36:16,730

that's unfortunately so what do you

821

00:36:22,690 --> 00:36:20,930

happen to know had your when you

822

00:36:24,400 --> 00:36:22,700

resigned did that cause any type of

823

00:36:25,890 --> 00:36:24,410

ripple effect of any kind that you're

824

00:36:28,930 --> 00:36:25,900

aware of

825

00:36:32,800 --> 00:36:28,940

as far as I can tell it has done nothing

826

00:36:37,030 --> 00:36:32,810

but open up my free time for more video

827

00:36:41,559 --> 00:36:37,040

games which is unfortunate because like

828

00:36:43,390 --> 00:36:41,569

I said I I really still do believe that

829

00:36:47,800 --> 00:36:43,400

the vast majority of the membership in

830

00:36:51,040 --> 00:36:47,810

MUFON are good people are people who

831

00:36:52,680 --> 00:36:51,050

have the best intentions at heart or are

832

00:36:54,579 --> 00:36:52,690

people that have had a legitimately

833

00:36:57,220 --> 00:36:54,589

frightening experience that they want

834

00:37:00,610 --> 00:36:57,230

answers to and those people are not

835

00:37:06,490 --> 00:37:00,620

being served well by

836

00:37:09,940 --> 00:37:06,500

you know these both being exposed to you

837

00:37:15,760 --> 00:37:09,950

know vile beliefs but also not being

838

00:37:17,680 --> 00:37:15,770

well served by being fed any anything

839

00:37:20,830 --> 00:37:17,690

any person wants to come and try to give

840

00:37:23,110 --> 00:37:20,840

to them there has to be a level of

841

00:37:27,250 --> 00:37:23,120

critique there has to be a level of peer

842

00:37:29,590 --> 00:37:27,260

review and control over what we deem is

843

00:37:32,470 --> 00:37:29,600

a as a community as a UFO community what

844

00:37:34,330 --> 00:37:32,480

do we do is being a sensible argument or

845

00:37:36,880 --> 00:37:34,340

a good Avenue to research down or

846

00:37:39,670 --> 00:37:36,890

whatever there has to be some control

847

00:37:41,530 --> 00:37:39,680

over that otherwise you just can't you

848

00:37:43,180 --> 00:37:41,540

know you just look forever for nothing

849

00:37:44,860 --> 00:37:43,190

you or you never find any evidence you

850

00:37:48,330 --> 00:37:44,870

never move forward and that's been I

851

00:37:50,830 --> 00:37:48,340

think that's in my opinion the big

852

00:37:55,320 --> 00:37:50,840

takeaway from the UFO field over the

853

00:37:58,180 --> 00:37:55,330

last 67 years is when we are not

854

00:38:01,330 --> 00:37:58,190

stringent in our critique when we are

855

00:38:04,750 --> 00:38:01,340

not careful about what we take to be

856

00:38:06,160 --> 00:38:04,760

evidence then eventually everything is

857

00:38:08,320 --> 00:38:06,170

permissible everything is an okay idea

858

00:38:10,300 --> 00:38:08,330

everything is a sensible theory and

859

00:38:13,110 --> 00:38:10,310

argument and that's when you get things

860

00:38:17,620 --> 00:38:13,120

like you know

861

00:38:19,480 --> 00:38:17,630

starseed arguments or the more intense

862

00:38:20,830 --> 00:38:19,490

of the ancient aliens theories and

863

00:38:23,320 --> 00:38:20,840

things like that so you start with a

864

00:38:24,970 --> 00:38:23,330

good idea or an interesting idea and you

865

00:38:28,300 --> 00:38:24,980

just water it down so much do you get

866

00:38:32,110 --> 00:38:28,310

nothing in the end right I actually read

867

00:38:34,930 --> 00:38:32,120

that post that this whole thing started

868

00:38:38,050 --> 00:38:34,940

from and I really feel that there's no

869

00:38:40,530 --> 00:38:38,060

place for someone that's gonna post

870

00:38:43,480 --> 00:38:40,540

something like that in any type of way

871

00:38:45,670 --> 00:38:43,490

that has any type of position and move

872

00:38:49,600 --> 00:38:45,680

on I feel that very strongly myself

873

00:38:54,810 --> 00:38:49,610

I just don't it has no place and no and

874

00:38:59,110 --> 00:38:54,820

in the thing is too that there is no

875

00:39:01,890 --> 00:38:59,120

again there is nothing it has nothing to

876

00:39:04,150 --> 00:39:01,900

do even for me ultimately whether or not

877

00:39:05,140 --> 00:39:04,160

you know a lot of people have messaged

878

00:39:07,240 --> 00:39:05,150

me a lot of people have messaged me a

879

00:39:09,010 --> 00:39:07,250

very great and supportive about this

880

00:39:10,150 --> 00:39:09,020

whole thing and a lot of people have

881

00:39:13,240 --> 00:39:10,160

messaged me and been not so great

882

00:39:14,289 --> 00:39:13,250

because it's the Internet yes you get

883

00:39:21,669 --> 00:39:14,299

that

884

00:39:25,089 --> 00:39:21,679

I've gotten is well you know when when

885

00:39:26,650 --> 00:39:25,099

is a person's apology enough right when

886

00:39:28,589 --> 00:39:26,660

is a person saying they're sorry about

887

00:39:31,809 --> 00:39:28,599

something like this enough and again

888

00:39:35,799 --> 00:39:31,819

it's it's the cover-up is always worse

889

00:39:37,900 --> 00:39:35,809

than the crime the MUFON said that he

890

00:39:38,709 --> 00:39:37,910

was out MUFON said that this was taken

891

00:39:40,269 --> 00:39:38,719

care of

892

00:39:41,469 --> 00:39:40,279

they promised me that it was taking care

893

00:39:45,669 --> 00:39:41,479

of otherwise I would never would have

894

00:39:48,009 --> 00:39:45,679

joined on board and to then find out you

895

00:39:49,299 --> 00:39:48,019

know write his things right as you know

896

00:39:50,829 --> 00:39:49,309

we started building up a good head of

897

00:39:53,739 --> 00:39:50,839

steam to start getting over some of

898

00:39:55,929 --> 00:39:53,749

these hurdles to then find out that well

899

00:39:57,339 --> 00:39:55,939

actually when we said they weren't

900

00:39:59,410 --> 00:39:57,349

involved we just met they didn't have a

901
00:40:00,669 --> 00:39:59,420
title anymore you know they're actually

902
00:40:03,249 --> 00:40:00,679
still heavily involved in all the

903
00:40:07,269 --> 00:40:03,259
planning for every big event when that

904
00:40:10,599 --> 00:40:07,279
happens they lied to me they lied to the

905
00:40:13,539 --> 00:40:10,609
public in my opinion and again it comes

906
00:40:16,449 --> 00:40:13,549
down to this question of if you are an

907
00:40:19,029 --> 00:40:16,459
organization who's one of their major

908
00:40:21,429 --> 00:40:19,039
arguments is that the government is

909
00:40:26,789 --> 00:40:21,439
hiding something about UFO information

910
00:40:30,309 --> 00:40:26,799
or truth then you need to be as as

911
00:40:33,279 --> 00:40:30,319
crystal clear as transparent as you

912
00:40:35,829 --> 00:40:33,289
possibly can be because otherwise you

913
00:40:39,150 --> 00:40:35,839

start looking you know it starts looking

914

00:40:41,679 --> 00:40:39,160

very very shady

915

00:40:47,380 --> 00:40:41,689

it's it's just not a good position to be

916

00:40:50,559 --> 00:40:47,390

in yeah well I actually commend you for

917

00:40:53,380 --> 00:40:50,569

taking that stand because I think your

918

00:40:54,910 --> 00:40:53,390

heart was in the right place and and do

919

00:40:56,679 --> 00:40:54,920

you have any regrets or you feel like

920

00:41:00,549 --> 00:40:56,689

that was the right decision and now I

921

00:41:01,479 --> 00:41:00,559

get to play video games I I think it was

922

00:41:04,689 --> 00:41:01,489

the right decision

923

00:41:09,910 --> 00:41:04,699

I do have regrets in that I regret that

924

00:41:11,380 --> 00:41:09,920

more I wish that more people I wish that

925

00:41:14,829 --> 00:41:11,390

more of the individuals that I had

926
00:41:17,169 --> 00:41:14,839
spoken to about this I guess sort of had

927
00:41:20,249 --> 00:41:17,179
felt that they could also make the same

928
00:41:23,289 --> 00:41:20,259
kind of moral stand that I did I

929
00:41:28,059 --> 00:41:23,299
honestly am very hopeful that someday

930
00:41:30,009 --> 00:41:28,069
MUFON can continue and will

931
00:41:34,569 --> 00:41:30,019
become maybe again an organization that

932
00:41:39,449 --> 00:41:34,579
I can be proud to be a member of but I'm

933
00:41:41,289 --> 00:41:39,459
also very excited about the potential

934
00:41:44,289 --> 00:41:41,299
new things that come about from

935
00:41:47,019 --> 00:41:44,299
something like this when I joined when I

936
00:41:48,640 --> 00:41:47,029
first joined MUFON the reason why I

937
00:41:53,579 --> 00:41:48,650
first joined MUFON was that I found

938
00:41:56,019 --> 00:41:53,589

other larger kind of societies like say

939

00:42:01,089 --> 00:41:56,029

the American skeptical Society and

940

00:42:04,150 --> 00:42:01,099

things like that to be to to debunk II I

941

00:42:06,849 --> 00:42:04,160

guess the words I'm not really

942

00:42:09,130 --> 00:42:06,859

interested in in ridiculing people for

943

00:42:10,449 --> 00:42:09,140

having a scary experience or for

944

00:42:13,689 --> 00:42:10,459

believing something differently than I

945

00:42:15,699 --> 00:42:13,699

am I'm interested in understanding why

946

00:42:18,130 --> 00:42:15,709

they believe it and then trying to find

947

00:42:21,039 --> 00:42:18,140

a way to make sense of what they

948

00:42:23,019 --> 00:42:21,049

experienced so you know and and there

949

00:42:24,519 --> 00:42:23,029

are a lot of people that would consider

950

00:42:27,670 --> 00:42:24,529

themselves to be scientifically oriented

951
00:42:29,380 --> 00:42:27,680
and skeptical even that I think have

952
00:42:30,609 --> 00:42:29,390
that same viewpoint and I've heard I've

953
00:42:32,620 --> 00:42:30,619
heard us described as different things

954
00:42:35,140 --> 00:42:32,630
but probably my favorite is the spooky

955
00:42:36,699 --> 00:42:35,150
skeptics right that's that's the kind of

956
00:42:39,670 --> 00:42:36,709
group that I wanted to join was a group

957
00:42:42,640 --> 00:42:39,680
that was made up of other like-minded

958
00:42:44,079 --> 00:42:42,650
people who really wanted to get to the

959
00:42:45,880 --> 00:42:44,089
bottom of this stuff and if we couldn't

960
00:42:47,799 --> 00:42:45,890
you know the the good thing about

961
00:42:50,349 --> 00:42:47,809
science is or the good thing about an

962
00:42:52,089 --> 00:42:50,359
experiment is even if at the end of the

963
00:42:54,099 --> 00:42:52,099

experiment you find that your hypothesis

964

00:42:57,009 --> 00:42:54,109

was wrong that teaches you something

965

00:43:00,969 --> 00:42:57,019

right the problem with a lot of the way

966

00:43:03,459 --> 00:43:00,979

in my opinion that these esoteric

967

00:43:05,259 --> 00:43:03,469

investigations are done is they're not

968

00:43:06,759 --> 00:43:05,269

developed as experiments or not

969

00:43:09,339 --> 00:43:06,769

developed as studies that just

970

00:43:11,410 --> 00:43:09,349

open-ended questions the question of do

971

00:43:15,489 --> 00:43:11,420

UFOs exist or do you folks visit the earth

972

00:43:17,160 --> 00:43:15,499

that will he'll never have you know that

973

00:43:19,989 --> 00:43:17,170

will have a definitive answer eventually

974

00:43:22,059 --> 00:43:19,999

but at the point where it's just dumb

975

00:43:24,489 --> 00:43:22,069

chance it's luck whether or not it

976
00:43:27,489 --> 00:43:24,499
happens right if a UFO crashes in the

977
00:43:29,769 --> 00:43:27,499
middle of Fifth Avenue in New York you

978
00:43:34,029 --> 00:43:29,779
know barring some really great digital

979
00:43:36,160 --> 00:43:34,039
CGI effects and editing in things you

980
00:43:38,469 --> 00:43:36,170
know that is gonna be the definitive

981
00:43:41,920 --> 00:43:38,479
proof that proves that question but you

982
00:43:43,540 --> 00:43:41,930
can start to ask more directed questions

983
00:43:45,640 --> 00:43:43,550
that you can get answers to and still

984
00:43:48,250 --> 00:43:45,650
learn something and that's kind of where

985
00:43:49,390 --> 00:43:48,260
we're trying to wear myself and some of

986
00:43:53,020 --> 00:43:49,400
the people I'm working with are trying

987
00:43:56,559 --> 00:43:53,030
to focus our efforts so you know from

988
00:43:58,480 --> 00:43:56,569

kind of the ashes of of what I was

989

00:44:02,500 --> 00:43:58,490

trying to accomplish it MUFON you know

990

00:44:04,780 --> 00:44:02,510

the when when when I put out a call for

991

00:44:08,140 --> 00:44:04,790

scientists to get involved with MUFON

992

00:44:10,120 --> 00:44:08,150

with me I was pretty blown away by the

993

00:44:16,150 --> 00:44:10,130

response of people who wanted to get

994

00:44:19,270 --> 00:44:16,160

involved and those people all kind of

995

00:44:21,700 --> 00:44:19,280

followed me out so there is still a

996

00:44:23,319 --> 00:44:21,710

group of people working there are still

997

00:44:26,170 --> 00:44:23,329

good people in this field doing research

998

00:44:28,960 --> 00:44:26,180

and doing investigations and so I still

999

00:44:30,910 --> 00:44:28,970

have a lot of a lot of hope and energy

1000

00:44:33,880 --> 00:44:30,920

to do the work in this field or try to

1001
00:44:36,220 --> 00:44:33,890
get something done here you know it just

1002
00:44:38,710 --> 00:44:36,230
won't be done with a nice fancy logo on

1003
00:44:42,460 --> 00:44:38,720
my head well you know there are other

1004
00:44:45,130 --> 00:44:42,470
there are other groups I know that would

1005
00:44:47,109 --> 00:44:45,140
love to have you I know Paul Carr is

1006
00:44:48,910 --> 00:44:47,119
part of one I can't think of the name of

1007
00:44:51,520 --> 00:44:48,920
that one too where they do just like

1008
00:44:56,140 --> 00:44:51,530
scientific study then there's the UFO

1009
00:44:58,420 --> 00:44:56,150
data there's that group there's also the

1010
00:44:59,980 --> 00:44:58,430
group that Alejandro was actually part

1011
00:45:02,440 --> 00:44:59,990
of our has something to do with it's

1012
00:45:04,900 --> 00:45:02,450
another scientific group so there's a

1013
00:45:07,329 --> 00:45:04,910

lot of groups but I know you know MUFON

1014

00:45:11,380 --> 00:45:07,339

is has established a long established

1015

00:45:13,059 --> 00:45:11,390

and you know I can't remember exactly

1016

00:45:15,640 --> 00:45:13,069

how old it is about it isn't it like the

1017

00:45:18,370 --> 00:45:15,650

oldest surviving I think or there may be

1018

00:45:19,809 --> 00:45:18,380

one other so it is now the oldest it is

1019

00:45:21,490 --> 00:45:19,819

the oldest surviving the group the group

1020

00:45:23,410 --> 00:45:21,500

actually that Alejandro is part of and I

1021

00:45:25,539 --> 00:45:23,420

am also a part of actually oh you are is

1022

00:45:27,819 --> 00:45:25,549

this is the scientific coalition for you

1023

00:45:29,620 --> 00:45:27,829

apology that's it resi you yeah yeah

1024

00:45:32,049 --> 00:45:29,630

which I think is going to grow into be

1025

00:45:34,990 --> 00:45:32,059

something very exciting I hope well

1026

00:45:37,450 --> 00:45:35,000

that's right that's yeah the MUFON is

1027

00:45:43,980 --> 00:45:37,460

the oldest one but you know before MUFON

1028

00:45:54,730 --> 00:45:51,089

yeah all right so your skype has frozen

1029

00:45:55,280 --> 00:45:54,740

so um might have to hang up here we'll

1030

00:45:59,600 --> 00:45:55,290

see what's

1031

00:46:01,790 --> 00:45:59,610

on here and we have a break coming up in

1032

00:46:04,220 --> 00:46:01,800

about six minutes Oh looks like you're

1033

00:46:07,490 --> 00:46:04,230

back to you back I'm back can you hear

1034

00:46:09,020 --> 00:46:07,500

me yep your Skype froze there so it has

1035

00:46:11,810 --> 00:46:09,030

happened a couple times there's a little

1036

00:46:16,270 --> 00:46:11,820

yeah alright so I don't know if you were

1037

00:46:19,940 --> 00:46:16,280

you were talking or are you there

1038

00:46:21,290 --> 00:46:19,950

I'm just yeah I'm there yeah I don't

1039

00:46:24,110 --> 00:46:21,300

know if you have an internet internet

1040

00:46:32,030 --> 00:46:24,120

issue it didn't happen we did a test

1041

00:46:34,190 --> 00:46:32,040

earlier but anyway so that that is good

1042

00:46:36,050 --> 00:46:34,200

that you you know you did that and you

1043

00:46:38,330 --> 00:46:36,060

know you're you're looking at you know

1044

00:46:40,880 --> 00:46:38,340

possibly you know something will come

1045

00:46:42,590 --> 00:46:40,890

out of the ashes that you say are you

1046

00:46:44,300 --> 00:46:42,600

still in touch with a number of people

1047

00:46:48,010 --> 00:46:44,310

that you were in touch with there and

1048

00:46:52,160 --> 00:46:48,020

just avoiding some or how's that going

1049

00:46:54,590 --> 00:46:52,170

um I'm not really nearly avoiding anyone

1050

00:46:59,810 --> 00:46:54,600

I would say that's kind of not really my

1051
00:47:02,990 --> 00:46:59,820
style anyways kind of a I'm a loud

1052
00:47:05,480 --> 00:47:03,000
person so it's hard to avoid it's not in

1053
00:47:09,520 --> 00:47:05,490
my nature to hide yeah I would say that

1054
00:47:11,810 --> 00:47:09,530
if anything it has made me when I was

1055
00:47:15,470 --> 00:47:11,820
when I had an official position and move

1056
00:47:16,910 --> 00:47:15,480
on I felt much more I felt it to be much

1057
00:47:21,950 --> 00:47:16,920
more necessary to be more political I

1058
00:47:23,480 --> 00:47:21,960
guess in my statements because again

1059
00:47:24,440 --> 00:47:23,490
you're not just representing yourself

1060
00:47:26,930 --> 00:47:24,450
you're operating a group you're

1061
00:47:28,400 --> 00:47:26,940
representing a people of wildly

1062
00:47:32,690 --> 00:47:28,410
different beliefs and ideas and things

1063
00:47:34,280 --> 00:47:32,700

and so you know I couldn't say I

1064

00:47:36,230 --> 00:47:34,290

couldn't say things that maybe are

1065

00:47:38,410 --> 00:47:36,240

correct but are really my opinion or my

1066

00:47:41,120 --> 00:47:38,420

belief I'd be more careful with them so

1067

00:47:43,910 --> 00:47:41,130

it's kind of been freeing in a way to be

1068

00:47:45,620 --> 00:47:43,920

able to just say what what I really

1069

00:47:48,260 --> 00:47:45,630

think and really go after some of these

1070

00:47:52,610 --> 00:47:48,270

ideas more more critically or more

1071

00:47:53,990 --> 00:47:52,620

strongly and I've been in contact with

1072

00:47:56,420 --> 00:47:54,000

some of the folks that I worked with but

1073

00:47:59,180 --> 00:47:56,430

really for the most part again it's kind

1074

00:48:03,290 --> 00:47:59,190

of one of those situations where you

1075

00:48:07,160 --> 00:48:03,300

know kind of even ultimatum and the

1076

00:48:08,630 --> 00:48:07,170

choice was made and so you know what are

1077

00:48:11,660 --> 00:48:08,640

you gonna do can't

1078

00:48:13,670 --> 00:48:11,670

really go back on that so yeah yeah all

1079

00:48:16,250 --> 00:48:13,680

right well we only got a couple we got

1080

00:48:19,609 --> 00:48:16,260

four or five minutes left before we go

1081

00:48:23,170 --> 00:48:19,619

into the next break so I thought we

1082

00:48:26,120 --> 00:48:23,180

would talk and discuss how is it

1083

00:48:28,910 --> 00:48:26,130

metaphysics what not metaphysics what

1084

00:48:31,569 --> 00:48:28,920

did I hear you say that you some of your

1085

00:48:34,370 --> 00:48:31,579

study is that has to do with metals and

1086

00:48:37,849 --> 00:48:34,380

the changing of a metal for another use

1087

00:48:40,519 --> 00:48:37,859

what's that called a suit so my so what

1088

00:48:44,799 --> 00:48:40,529

what a lot of UFO sites are calling it

1089

00:48:51,170 --> 00:48:47,839

which is kind of an interesting beyond

1090

00:48:54,039 --> 00:48:51,180

materials you know but really what

1091

00:48:56,690 --> 00:48:54,049

they're they're called functionalized

1092

00:48:58,670 --> 00:48:56,700

nano-engineered surfaces or materials

1093

00:49:01,809 --> 00:48:58,680

all right it's kind of the forefront of

1094

00:49:04,940 --> 00:49:01,819

nanotechnology today it's really where

1095

00:49:09,220 --> 00:49:04,950

where scientific research into various

1096

00:49:13,249 --> 00:49:09,230

materials topics are focusing today and

1097

00:49:14,960 --> 00:49:13,259

there's that like honeycomb molecular

1098

00:49:16,400 --> 00:49:14,970

structure that's supposed to be

1099

00:49:18,710 --> 00:49:16,410

something that just came out that's

1100

00:49:19,670 --> 00:49:18,720

really really thin do you know what I'm

1101

00:49:23,120 --> 00:49:19,680

talking about lights

1102

00:49:26,059 --> 00:49:23,130

graphite graphite um the other the other

1103

00:49:27,920 --> 00:49:26,069

one is graphene graphene so it is

1104

00:49:30,049 --> 00:49:27,930

graphite but it becomes graphene when

1105

00:49:31,819 --> 00:49:30,059

it's a single layer at the nano scale

1106

00:49:35,450 --> 00:49:31,829

think you know yeah there's other ones

1107

00:49:39,380 --> 00:49:35,460

though I mean there's so the honeycomb

1108

00:49:42,049 --> 00:49:39,390

is a interesting shape geometrically

1109

00:49:46,940 --> 00:49:42,059

because it's the most it has the what is

1110

00:49:50,990 --> 00:49:46,950

the lowest energy - or lowest molecular

1111

00:49:52,609 --> 00:49:51,000

bond kind of strain energy Oh surface

1112

00:49:54,890 --> 00:49:52,619

over its entire surface area so it's

1113

00:49:56,930 --> 00:49:54,900

very stable structure and so a lot of

1114

00:50:00,170 --> 00:49:56,940

things in nature tend to make the

1115

00:50:03,230 --> 00:50:00,180

honeycomb shape things like alumina when

1116

00:50:07,249 --> 00:50:03,240

it's anodized you know things like it's

1117

00:50:09,109 --> 00:50:07,259

a pineapple outsides and organic

1118

00:50:12,579 --> 00:50:09,119

molecules anything may be the benzene or

1119

00:50:16,009 --> 00:50:12,589

a cyclohexane are all composed of

1120

00:50:19,880 --> 00:50:16,019

various groups of these hexagons

1121

00:50:22,490 --> 00:50:19,890

hexagons bond shapes but the work so the

1122

00:50:25,430 --> 00:50:22,500

work that I did kind of bridges the Nano

1123

00:50:28,490 --> 00:50:25,440

world in the bulk world in that you

1124

00:50:30,800 --> 00:50:28,500

create materials that have engineered

1125

00:50:33,950 --> 00:50:30,810

properties at the nano scale that you

1126

00:50:35,930 --> 00:50:33,960

can then alter in just a lab or just

1127

00:50:38,480 --> 00:50:35,940

with something simple like say a laser

1128

00:50:44,540 --> 00:50:38,490

or a change in temperature a change in

1129

00:50:48,589 --> 00:50:44,550

pressure so the idea being that you can

1130

00:50:50,810 --> 00:50:48,599

build specific properties or materials

1131

00:50:52,820 --> 00:50:50,820

that can change to the application of

1132

00:50:55,339 --> 00:50:52,830

interest and allow them then do things

1133

00:50:57,500 --> 00:50:55,349

such as you know and we just think about

1134

00:51:01,010 --> 00:50:57,510

a simple piston cylinder kind of

1135

00:51:04,849 --> 00:51:01,020

assembly for a motor right all you need

1136

00:51:08,480 --> 00:51:04,859

for that to work in theory at least in

1137

00:51:09,980 --> 00:51:08,490

essence is a single moving part right in

1138

00:51:12,770 --> 00:51:09,990

a moving part you need something to

1139

00:51:15,349 --> 00:51:12,780

transport the energy between the piston

1140

00:51:17,030 --> 00:51:15,359

and the cylinder area right so in piston

1141

00:51:20,240 --> 00:51:17,040

cylinder it's a gas that does that

1142

00:51:22,760 --> 00:51:20,250

transfer of work at the nano scale

1143

00:51:24,950 --> 00:51:22,770

they're building things like basically

1144

00:51:27,320 --> 00:51:24,960

the Nano Springs that are these

1145

00:51:30,260 --> 00:51:27,330

materials that when light waves hit them

1146

00:51:32,300 --> 00:51:30,270

they expand and then when it gets dark

1147

00:51:35,810 --> 00:51:32,310

they shrink again so another way to

1148

00:51:38,300 --> 00:51:35,820

transfer energy as work but you're doing

1149

00:51:40,160 --> 00:51:38,310

it in a way where you can build

1150

00:51:43,400 --> 00:51:40,170

something like say a very very small

1151

00:51:45,410 --> 00:51:43,410

engine potentially that's the kind of

1152

00:51:47,300 --> 00:51:45,420

research work that I was involved in

1153

00:51:51,109 --> 00:51:47,310

although mine was more focused on the

1154

00:51:54,130 --> 00:51:51,119

use of the use of these techniques to

1155

00:51:58,160 --> 00:51:54,140

build larger materials for things like

1156

00:52:02,599 --> 00:51:58,170

capture or drug delivery or things like

1157

00:52:06,820 --> 00:52:02,609

that interesting now so if you were to

1158

00:52:10,490 --> 00:52:06,830

speculate that there's alien technology

1159

00:52:14,030 --> 00:52:10,500

that's you know beyond beyond what our

1160

00:52:16,849 --> 00:52:14,040

knowledge is in other words if we were

1161

00:52:18,260 --> 00:52:16,859

to find a crashed UFO from another

1162

00:52:22,040 --> 00:52:18,270

civilization that was a million years

1163

00:52:24,500 --> 00:52:22,050

ahead of us as far as advancement and

1164

00:52:26,630 --> 00:52:24,510

knowledge we would actually expect to

1165

00:52:30,020 --> 00:52:26,640

find some of what you're talking about

1166

00:52:32,870 --> 00:52:30,030

in the materials most likely right it's

1167

00:52:35,599 --> 00:52:32,880

hard to say for certain yeah right

1168

00:52:36,120 --> 00:52:35,609

because again that's kind of the sort of

1169

00:52:38,370 --> 00:52:36,130

the trap

1170

00:52:40,350 --> 00:52:38,380

a lot of sci-fi writers and things get

1171

00:52:42,330 --> 00:52:40,360

into where you know if you're writing a

1172

00:52:44,790 --> 00:52:42,340

you're writing a proto sci-fi novel in

1173

00:52:47,070 --> 00:52:44,800

the 1800s you're like you know and the

1174

00:52:49,920 --> 00:52:47,080

spaceman everything will run on bicycles

1175

00:52:51,600 --> 00:52:49,930

right so then from today it looks like

1176

00:52:54,990 --> 00:52:51,610

everything will be small and sleek I

1177

00:52:55,920 --> 00:52:55,000

would expect that we would find there's

1178

00:52:57,810 --> 00:52:55,930

a couple things I would expect that we

1179

00:52:59,820 --> 00:52:57,820

would find I would expect them you would

1180

00:53:01,080 --> 00:52:59,830

find nanomaterials the other one that I

1181

00:53:03,570 --> 00:53:01,090

would expect that we would find actually

1182

00:53:06,240 --> 00:53:03,580

though are non earth stable

1183

00:53:10,260 --> 00:53:06,250

thermodynamic states so crystalline

1184

00:53:12,360 --> 00:53:10,270

structures or material structures that

1185

00:53:14,130 --> 00:53:12,370

are not literally not possible to be

1186

00:53:15,090 --> 00:53:14,140

made on the surface of the earth do do

1187

00:53:17,630 --> 00:53:15,100

the difference in pressure and

1188

00:53:19,770 --> 00:53:17,640

temperature and the other one would be

1189

00:53:21,840 --> 00:53:19,780

potentially things in what's known as

1190

00:53:24,260 --> 00:53:21,850

the island of stability which is a

1191

00:53:27,840 --> 00:53:24,270

theoretically proposed area of

1192

00:53:30,290 --> 00:53:27,850

super-heavy elements if that island of

1193

00:53:34,650 --> 00:53:30,300

stability exists it would open up

1194

00:53:36,210 --> 00:53:34,660

chemistry's that we have no knowledge of

1195

00:53:38,700 --> 00:53:36,220

or no idea of today

1196

00:53:41,580 --> 00:53:38,710

Wow okay well we'll get back to that

1197

00:53:44,370 --> 00:53:41,590

we're coming on the break right now this

1198

00:53:47,520 --> 00:53:44,380

is Martin Willis of podcast UFO on kgr a

1199

00:53:53,040 --> 00:53:47,530

radio and my guess is Chris Cogswell

1200

00:53:55,290 --> 00:53:53,050

we'll be right back clear how much time

1201
00:53:57,960 --> 00:53:55,300
we get this son three minutes three

1202
00:53:59,340 --> 00:53:57,970
minutes got it okay Martin you're gonna

1203
00:54:02,460 --> 00:53:59,350
be commercial-free for the next hour

1204
00:54:05,820 --> 00:54:02,470
correct that's correct yep okay thanks

1205
00:54:10,170 --> 00:54:05,830
Bill welcome okay

1206
00:54:12,540 --> 00:54:10,180
so we were going to jump back and talk a

1207
00:54:14,400 --> 00:54:12,550
little bit about a topic that we were in

1208
00:54:18,570 --> 00:54:14,410
the middle of in the last break did you

1209
00:54:22,520 --> 00:54:18,580
write that down yeah so we were talking

1210
00:54:28,380 --> 00:54:22,530
about we were talking about philosophy

1211
00:54:31,770 --> 00:54:28,390
yeah and and why I liked it in fact yeah

1212
00:54:33,300 --> 00:54:31,780
so the so they always brought this chart

1213
00:54:35,580 --> 00:54:33,310

out to show us at our philosophy classes

1214

00:54:38,340 --> 00:54:35,590

where they said well look you know if

1215

00:54:40,500 --> 00:54:38,350

you look at who what degree earns you

1216

00:54:44,550 --> 00:54:40,510

the most in 20 years in your career it's

1217

00:54:46,920 --> 00:54:44,560

philosophy every time and from a from

1218

00:54:49,590 --> 00:54:46,930

the standpoint of a you know fourth-year

1219

00:54:50,520 --> 00:54:49,600

philosophy student who's looking either

1220

00:54:53,060 --> 00:54:50,530

at grads

1221

00:54:56,100 --> 00:54:53,070

or deport me into a job at a bookstore

1222

00:54:58,470 --> 00:54:56,110

you're kind of like well that yeah that

1223

00:54:59,970 --> 00:54:58,480

looks great you know what what happens

1224

00:55:03,060 --> 00:54:59,980

to the rest of us do we die before our

1225

00:55:07,410 --> 00:55:03,070

30s like what you how does that average

1226

00:55:09,840 --> 00:55:07,420

happen so what I really did I found it

1227

00:55:13,440 --> 00:55:09,850

to be extremely worthwhile extremely

1228

00:55:15,260 --> 00:55:13,450

useful and but like by far the most

1229

00:55:18,150 --> 00:55:15,270

useful skill I learned in undergraduate

1230

00:55:22,320 --> 00:55:18,160

study that I used in grad school and

1231

00:55:26,940 --> 00:55:22,330

again still used today is just that

1232

00:55:29,370 --> 00:55:26,950

ability to just that ability to write

1233

00:55:32,150 --> 00:55:29,380

and see an argument and pick it apart

1234

00:55:35,810 --> 00:55:32,160

and not be intimidated by very difficult

1235

00:55:38,010 --> 00:55:35,820

texts you know text and not difficult

1236

00:55:39,590 --> 00:55:38,020

even if the idea itself is not

1237

00:55:42,240 --> 00:55:39,600

necessarily complicated and difficult

1238

00:55:45,660 --> 00:55:42,250

you know scientists have a way of

1239

00:55:48,570 --> 00:55:45,670

writing things very badly so it just

1240

00:55:49,740 --> 00:55:48,580

gets impossible especially if you're you

1241

00:55:52,220 --> 00:55:49,750

know I have some papers that I had to

1242

00:55:55,380 --> 00:55:52,230

die out of use in my research that were

1243

00:55:58,590 --> 00:55:55,390

originally written in Russian translated

1244

00:56:00,780 --> 00:55:58,600

to German and then translated to English

1245

00:56:04,470 --> 00:56:00,790

from German oh you lose so much in each

1246

00:56:06,600 --> 00:56:04,480

translation oh my goodness and in that

1247

00:56:08,550 --> 00:56:06,610

you know thankfully it was only like a

1248

00:56:12,090 --> 00:56:08,560

handful of papers from the very

1249

00:56:14,220 --> 00:56:12,100

beginnings of research into zeolites and

1250

00:56:16,650 --> 00:56:14,230

clays and things that I worked with but

1251
00:56:18,870 --> 00:56:16,660
oh my goodness that paper reading that

1252
00:56:20,580 --> 00:56:18,880
thing was impossible

1253
00:56:23,160 --> 00:56:20,590
I would never have gotten through it if

1254
00:56:25,530 --> 00:56:23,170
I hadn't already had to read you know 12

1255
00:56:28,830 --> 00:56:25,540
different versions of I don't know can't

1256
00:56:30,300 --> 00:56:28,840
write you know one of them is this this

1257
00:56:32,340 --> 00:56:30,310
one guy's opinion and this other guy

1258
00:56:36,570 --> 00:56:32,350
uses a different word for whatever and

1259
00:56:37,890 --> 00:56:36,580
oh god yeah no but but I really I really

1260
00:56:40,380 --> 00:56:37,900
did enjoy it quite a bit

1261
00:56:42,150 --> 00:56:40,390
and really you know I always I always

1262
00:56:43,920 --> 00:56:42,160
sing the praises of UNH every time I

1263
00:56:46,830 --> 00:56:43,930

talk to anybody because it's just such a

1264

00:56:49,560 --> 00:56:46,840

quality you get such a high quality of

1265

00:56:51,810 --> 00:56:49,570

undergraduate education and the only

1266

00:56:53,310 --> 00:56:51,820

reason I think that it's not ranked more

1267

00:56:55,050 --> 00:56:53,320

highly is because the grad school

1268

00:56:57,150 --> 00:56:55,060

they're not really focused on graduate

1269

00:56:59,130 --> 00:56:57,160

studies are focused on our undergrads

1270

00:57:00,990 --> 00:56:59,140

all right that's right you but we're

1271

00:57:04,110 --> 00:57:01,000

gonna be coming back up hot seconds

1272

00:57:07,980 --> 00:57:04,120

that's no worries I apologize

1273

00:57:12,240 --> 00:57:07,990

told you to do it all right hold on over

1274

00:57:15,660 --> 00:57:12,250

in three two one go

1275

00:57:18,720 --> 00:57:15,670

welcome back to podcast UFO on kgr a

1276

00:57:21,960 --> 00:57:18,730

radio this Martin Willis with podcast

1277

00:57:23,580 --> 00:57:21,970

UFO my guest is Chris Cogswell now at

1278

00:57:24,480 --> 00:57:23,590

the Turner that I wrote it down this

1279

00:57:27,120 --> 00:57:24,490

time can you believe it

1280

00:57:30,150 --> 00:57:27,130

you were talking about island stability

1281

00:57:33,690 --> 00:57:30,160

I believe in material structure yeah

1282

00:57:36,870 --> 00:57:33,700

what what else would be like a really

1283

00:57:38,790 --> 00:57:36,880

unique well let me just say this a

1284

00:57:40,830 --> 00:57:38,800

number of people have said this to me

1285

00:57:44,010 --> 00:57:40,840

before well there's only so many

1286

00:57:46,110 --> 00:57:44,020

elements that we we believe exist we

1287

00:57:50,940 --> 00:57:46,120

don't know for sure but most likely

1288

00:57:54,150 --> 00:57:50,950

exist in the universe so if something

1289

00:57:57,360 --> 00:57:54,160

comes in as some type of alloy then it

1290

00:57:59,370 --> 00:57:57,370

could be basically made on earth but

1291

00:58:03,780 --> 00:57:59,380

what are what would be the like a

1292

00:58:06,150 --> 00:58:03,790

telltale sign that you talked about the

1293

00:58:07,980 --> 00:58:06,160

Nano stuff is that what that would be

1294

00:58:12,390 --> 00:58:07,990

like a telltale sign that it must have

1295

00:58:14,820 --> 00:58:12,400

come from somewhere else so the Nano the

1296

00:58:18,420 --> 00:58:14,830

nano thing it's a little bit the Nano

1297

00:58:20,580 --> 00:58:18,430

properties are a little bit more subtle

1298

00:58:23,250 --> 00:58:20,590

than that because you can have nano

1299

00:58:25,830 --> 00:58:23,260

properties from normal everyday

1300

00:58:27,420 --> 00:58:25,840

materials so clay clays are a very good

1301

00:58:30,000 --> 00:58:27,430

example of that clays are really the

1302

00:58:33,360 --> 00:58:30,010

first nano material we did any kind of

1303

00:58:35,670 --> 00:58:33,370

research on really as a society or just

1304

00:58:38,700 --> 00:58:35,680

as a people I guess as a human race and

1305

00:58:42,360 --> 00:58:38,710

clays or nano structured such that they

1306

00:58:44,990 --> 00:58:42,370

have some clays anyways have single

1307

00:58:49,020 --> 00:58:45,000

layers of one to two nanometer wide

1308

00:58:52,050 --> 00:58:49,030

solid silica right so alumina silicate

1309

00:58:53,970 --> 00:58:52,060

and then in between those layers is the

1310

00:58:56,450 --> 00:58:53,980

layer of water or a layer of something

1311

00:58:58,770 --> 00:58:56,460

else some other kind of solution and

1312

00:59:00,630 --> 00:58:58,780

it's what allows you know how when you

1313

00:59:02,970 --> 00:59:00,640

have a clay you can kind of spread it

1314

00:59:04,860 --> 00:59:02,980

right you can mold it whatever that's

1315

00:59:07,020 --> 00:59:04,870

because it's hydrated there's water in

1316

00:59:08,520 --> 00:59:07,030

between those layers of material and so

1317

00:59:10,770 --> 00:59:08,530

then when you heat it all that water

1318

00:59:13,320 --> 00:59:10,780

goes away and those silent all groups

1319

00:59:15,450 --> 00:59:13,330

actually chemically fuse they bond and

1320

00:59:17,190 --> 00:59:15,460

make silicon dioxide or aluminum to

1321

00:59:17,760 --> 00:59:17,200

oxide bonds with each other so pottery

1322

00:59:20,220 --> 00:59:17,770

porcelain

1323

00:59:22,320 --> 00:59:20,230

all that exactly ran all of that all of

1324

00:59:24,180 --> 00:59:22,330

that is technically a nanomaterial

1325

00:59:26,550 --> 00:59:24,190

although it's not a very useful one

1326

00:59:31,920 --> 00:59:26,560

because it has very little open room

1327

00:59:33,570 --> 00:59:31,930

once it's heated so but that would be

1328

00:59:35,250 --> 00:59:33,580

something that we might get in a lab and

1329

00:59:37,500 --> 00:59:35,260

look at and say oh it has nano features

1330

00:59:40,230 --> 00:59:37,510

but it would be a naturally made nano

1331

00:59:44,550 --> 00:59:40,240

featured material what I would think

1332

00:59:46,110 --> 00:59:44,560

though again those so today if we get if

1333

00:59:47,280 --> 00:59:46,120

we have a piece of material that we

1334

00:59:50,310 --> 00:59:47,290

think might have come from meteorite

1335

00:59:53,190 --> 00:59:50,320

let's say we look for we do look for

1336

00:59:55,860 --> 00:59:53,200

isotope ratios although that's I think

1337

00:59:57,810 --> 00:59:55,870

been given a little bit too much buzz in

1338

01:00:01,680 --> 00:59:57,820

the UFO community that's not you know

1339

01:00:03,600 --> 01:00:01,690

not a super great tool but we do look

1340

01:00:06,930 --> 01:00:03,610

for things like crystal structures that

1341

01:00:08,970 --> 01:00:06,940

we don't know about on earth yet so for

1342

01:00:12,090 --> 01:00:08,980

instance there are crystal structures

1343

01:00:14,430 --> 01:00:12,100

that only form under extremely high

1344

01:00:17,040 --> 01:00:14,440

temperatures and pressures and we find

1345

01:00:19,470 --> 01:00:17,050

them in say geological deposits we find

1346

01:00:22,350 --> 01:00:19,480

them from meteorites we can make them in

1347

01:00:24,300 --> 01:00:22,360

the lab if we were to find a material

1348

01:00:26,160 --> 01:00:24,310

that we think is from a spacecraft and

1349

01:00:29,820 --> 01:00:26,170

we ran it say through an x-ray

1350

01:00:31,380 --> 01:00:29,830

diffraction machine and if we were able

1351

01:00:32,820 --> 01:00:31,390

to tell that it was a pure material at

1352

01:00:35,130 --> 01:00:32,830

that point it was crystalline in the

1353

01:00:37,830 --> 01:00:35,140

first place and we found that it

1354

01:00:39,720 --> 01:00:37,840

contained a crystal structure that we

1355

01:00:42,540 --> 01:00:39,730

did not currently have documentation for

1356

01:00:44,220 --> 01:00:42,550

that would be very interesting the other

1357

01:00:46,200 --> 01:00:44,230

thing that I would look for - you

1358

01:00:48,720 --> 01:00:46,210

mentioned earlier that all of the

1359

01:00:52,950 --> 01:00:48,730

elements that we think exist today are

1360

01:00:56,300 --> 01:00:52,960

known although that is true that's where

1361

01:01:00,330 --> 01:00:56,310

that island of stability idea comes in

1362

01:01:03,210 --> 01:01:00,340

atomic nuclei are stable most generally

1363

01:01:05,940 --> 01:01:03,220

are stable when their ratio of protons

1364

01:01:08,970 --> 01:01:05,950

to neutrons is one so if you have one

1365

01:01:11,040 --> 01:01:08,980

proton usually have one Neutron when

1366

01:01:13,350 --> 01:01:11,050

things started to stray away from that

1367

01:01:16,530 --> 01:01:13,360

one to one ratio you get radioactive

1368

01:01:19,470 --> 01:01:16,540

decay spontaneously and so that's why

1369

01:01:21,510 --> 01:01:19,480

things like say uranium 238 uranium has

1370

01:01:23,730 --> 01:01:21,520

I think an atomic a proton number of

1371

01:01:24,720 --> 01:01:23,740

like 92 or something don't know it off

1372

01:01:25,290 --> 01:01:24,730

the top of my head it's somewhere around

1373

01:01:28,440 --> 01:01:25,300

there

1374

01:01:30,630 --> 01:01:28,450

but it has a tonic mass of 238

1375

01:01:31,530 --> 01:01:30,640

so that's quite a bit more neutrons than

1376

01:01:37,680 --> 01:01:31,540

protons

1377

01:01:39,840 --> 01:01:37,690

unstable amongst other varied things but

1378

01:01:42,480 --> 01:01:39,850

so one of the ideas in nuclear chemistry

1379

01:01:43,620 --> 01:01:42,490

right now that it's still kind of a pie

1380

01:01:46,550 --> 01:01:43,630

in the sky idea but it's a very

1381

01:01:49,800 --> 01:01:46,560

interesting one in my opinion is that

1382

01:01:53,190 --> 01:01:49,810

what if we find other ratios of protons

1383

01:01:55,710 --> 01:01:53,200

to neutrons that are stable so let's say

1384

01:01:57,420 --> 01:01:55,720

for example all of the elements that

1385

01:02:00,510 --> 01:01:57,430

we're making past uranium all the

1386

01:02:03,000 --> 01:02:00,520

transuranium elements are not they're

1387

01:02:05,400 --> 01:02:03,010

both unstable so they'd radioactively

1388

01:02:07,080 --> 01:02:05,410

decay spontaneously but they also decay

1389

01:02:09,030 --> 01:02:07,090

very quickly they have half-lives on the

1390

01:02:10,650 --> 01:02:09,040

order of like I think the most

1391

01:02:13,530 --> 01:02:10,660

long-lived one is a half-life of like a

1392

01:02:15,090 --> 01:02:13,540

minute or something so they're they're

1393

01:02:16,950 --> 01:02:15,100

disappearing as soon as we make them in

1394

01:02:18,570 --> 01:02:16,960

the lab as soon as we're not even a lab

1395

01:02:20,790 --> 01:02:18,580

as soon as we make them in the collider

1396

01:02:23,550 --> 01:02:20,800

they're gone no you'll have a couple of

1397

01:02:29,460 --> 01:02:23,560

milliseconds to study these things Wow

1398

01:02:32,310 --> 01:02:29,470

but again if we if there is a planet out

1399

01:02:34,590 --> 01:02:32,320

there that has life that is has a

1400

01:02:37,710 --> 01:02:34,600

different chemistry in such a way that

1401
01:02:41,520 --> 01:02:37,720
they do have access to these elements

1402
01:02:44,220 --> 01:02:41,530
with neutron to proton ratios of say 2

1403
01:02:48,180 --> 01:02:44,230
or 3 or 4 or whatever the number is that

1404
01:02:49,980 --> 01:02:48,190
makes it stable then potentially they

1405
01:02:52,860 --> 01:02:49,990
might have access to super-heavy

1406
01:02:54,630 --> 01:02:52,870
elements that exist stabiili on their

1407
01:02:57,930 --> 01:02:54,640
planet that we don't have access to and

1408
01:03:00,180 --> 01:02:57,940
that wouldn't be something that would

1409
01:03:03,060 --> 01:03:00,190
not necessarily be something say we're

1410
01:03:04,500 --> 01:03:03,070
oh well you know we're all part of the

1411
01:03:07,740 --> 01:03:04,510
same universe as soon as they exist here

1412
01:03:12,270 --> 01:03:07,750
they would exist here if we were say

1413
01:03:14,520 --> 01:03:12,280

closer to I don't know where elements

1414

01:03:16,200 --> 01:03:14,530

started where matter started or you know

1415

01:03:17,970 --> 01:03:16,210

if we were near a black hole or we were

1416

01:03:19,800 --> 01:03:17,980

there's all kinds of different things

1417

01:03:21,210 --> 01:03:19,810

that could make interesting new

1418

01:03:25,290 --> 01:03:21,220

chemistry's for us that we don't have

1419

01:03:31,920 --> 01:03:25,300

access to here so I would say though

1420

01:03:34,470 --> 01:03:31,930

again as always the the biggest the

1421

01:03:35,730 --> 01:03:34,480

biggest you know the biggest thing

1422

01:03:38,610 --> 01:03:35,740

that's gonna show us that something is

1423

01:03:41,570 --> 01:03:38,620

not both not from here so it comes from

1424

01:03:44,070 --> 01:03:41,580

space but then also that it is

1425

01:03:45,240 --> 01:03:44,080

interesting in such a way that we think

1426

01:03:50,970 --> 01:03:45,250

it might be made by

1427

01:03:52,260 --> 01:03:50,980

telogen life is going it has yes that

1428

01:03:54,480 --> 01:03:52,270

appear to be engineered into it

1429

01:03:56,550 --> 01:03:54,490

specifically so not just an interesting

1430

01:03:58,350 --> 01:03:56,560

an interesting nano structure a crystal

1431

01:04:01,230 --> 01:03:58,360

structure or whatever that it literally

1432

01:04:04,380 --> 01:04:01,240

you know if you apply a voltage to it it

1433

01:04:07,020 --> 01:04:04,390

lights up or if you you know you heat it

1434

01:04:08,910 --> 01:04:07,030

it seems to release a drug or things

1435

01:04:09,960 --> 01:04:08,920

like that that's the area those are the

1436

01:04:13,050 --> 01:04:09,970

kinds of things that I would be looking

1437

01:04:16,380 --> 01:04:13,060

for and again it's it's part of I think

1438

01:04:17,970 --> 01:04:16,390

the reason why these arguments about

1439

01:04:20,100 --> 01:04:17,980

things they like alloys and things I

1440

01:04:22,470 --> 01:04:20,110

they always make me kind of roll my eyes

1441

01:04:27,020 --> 01:04:22,480

because the answer is not going to be

1442

01:04:29,220 --> 01:04:27,030

that simple I see okay so we are

1443

01:04:31,410 --> 01:04:29,230

accepting phone calls at this time if

1444

01:04:36,000 --> 01:04:31,420

anyone wants to call in and ask our

1445

01:04:39,960 --> 01:04:36,010

guest a question so did you ever look

1446

01:04:42,300 --> 01:04:39,970

into the Bob Lazar claim of element 115

1447

01:04:45,000 --> 01:04:42,310

do you merit did you ever hear about any

1448

01:04:48,240 --> 01:04:45,010

of that or look into any of that or you

1449

01:04:50,280 --> 01:04:48,250

know did that puzzle you in any way I've

1450

01:04:54,900 --> 01:04:50,290

heard about it I've heard about it a

1451

01:04:57,660 --> 01:04:54,910

little bit but the really have not

1452

01:05:02,300 --> 01:04:57,670

looked into it as enough or as much as I

1453

01:05:04,440 --> 01:05:02,310

should probably see this yeah go ahead

1454

01:05:07,770 --> 01:05:04,450

basically he just said that he observed

1455

01:05:11,310 --> 01:05:07,780

it and I there was a large amount of it

1456

01:05:13,260 --> 01:05:11,320

which is it just made me think of it

1457

01:05:15,030 --> 01:05:13,270

when you talk about something being very

1458

01:05:19,170 --> 01:05:15,040

unstable and you know gone in a

1459

01:05:22,170 --> 01:05:19,180

nanosecond so I think that element has

1460

01:05:25,290 --> 01:05:22,180

been found or something but it's very

1461

01:05:26,490 --> 01:05:25,300

unstable and gone am I getting any of

1462

01:05:32,460 --> 01:05:26,500

that right do you know anything about

1463

01:05:37,110 --> 01:05:32,470

that so element 115 currently we call it

1464

01:05:42,150 --> 01:05:37,120

Muscovy 'm okay it which is which is fun

1465

01:05:44,190 --> 01:05:42,160

yeah it has a let's see here it has a

1466

01:05:49,940 --> 01:05:44,200

half-life on the order it's most stable

1467

01:05:52,860 --> 01:05:49,950

half-life is 37 no 650 milliseconds so

1468

01:05:57,290 --> 01:05:52,870

it's most stable is still gone in less

1469

01:05:59,059 --> 01:05:57,300

than a second yeah i it's interesting

1470

01:06:02,449 --> 01:05:59,069

potentially this would be

1471

01:06:04,969 --> 01:06:02,459

one where again you're starting to edge

1472

01:06:08,930 --> 01:06:04,979

close to that idea of say an island of

1473

01:06:16,009 --> 01:06:08,940

stability right so this is atomic number

1474

01:06:22,309 --> 01:06:16,019

115 and it has 290 so it has about 115

1475

01:06:24,079 --> 01:06:22,319

protons and 175 neutrons so I don't know

1476

01:06:26,989 --> 01:06:24,089

honestly I don't know enough to say

1477

01:06:28,519 --> 01:06:26,999

anything fully about it yet but it

1478

01:06:32,029 --> 01:06:28,529

thinks his point has to do with energy

1479

01:06:33,949 --> 01:06:32,039

and when something's unstable like that

1480

01:06:35,630 --> 01:06:33,959

I mean it would be like a source of

1481

01:06:37,189 --> 01:06:35,640

energy would it and then I'm out

1482

01:06:40,150 --> 01:06:37,199

I'm not saying on one side of the

1483

01:06:43,299 --> 01:06:40,160

argument of the other because I really

1484

01:06:48,370 --> 01:06:43,309

have my doubts about a lot of things

1485

01:06:52,009 --> 01:06:48,380

when it comes to Bob Lazar but is

1486

01:06:55,339 --> 01:06:52,019

something like that with that molecular

1487

01:06:59,299 --> 01:06:55,349

structure something that could be used

1488

01:07:02,089 --> 01:06:59,309

for some type of energy yeah so all

1489

01:07:04,489 --> 01:07:02,099

radioactive all radioactive materials

1490

01:07:08,449 --> 01:07:04,499

can be used to get energy from them in

1491

01:07:09,559 --> 01:07:08,459

that you can use them in an energy you

1492

01:07:14,599 --> 01:07:09,569

can use them say in a nuclear energy

1493

01:07:18,079 --> 01:07:14,609

cycle right but that is a very different

1494

01:07:22,459 --> 01:07:18,089

claim than his claim of say the gravity

1495

01:07:27,380 --> 01:07:22,469

warp-drive kind of idea so nuclear

1496

01:07:29,870 --> 01:07:27,390

energy is basically like a very imagine

1497

01:07:31,999 --> 01:07:29,880

if you had imagined that all of our

1498

01:07:33,469 --> 01:07:32,009

energy ran on hamster wheels or

1499

01:07:35,359 --> 01:07:33,479

something wrong and see the hamster

1500

01:07:37,759 --> 01:07:35,369

running in the wheel and it's very

1501

01:07:39,229 --> 01:07:37,769

rudimentary energy source nuclear energy

1502

01:07:41,509 --> 01:07:39,239

is kind of like well we get rid of the

1503

01:07:43,609 --> 01:07:41,519

hamster and we just we put a robotic

1504

01:07:46,939 --> 01:07:43,619

hamster in its place it's like a really

1505

01:07:48,319 --> 01:07:46,949

it's a really complicated solution that

1506

01:07:53,029 --> 01:07:48,329

we just stick into a really dumb

1507

01:07:54,680 --> 01:07:53,039

original system right so nuclear energy

1508

01:07:55,999 --> 01:07:54,690

so the difference the major difference

1509

01:07:58,699 --> 01:07:56,009

between say a coal energy system and a

1510

01:08:00,140 --> 01:07:58,709

nuclear one is in the coal system it is

1511

01:08:03,140 --> 01:08:00,150

the burning of coal that produces the

1512

01:08:05,029 --> 01:08:03,150

heat that makes this steam become

1513

01:08:07,459 --> 01:08:05,039

high-pressure then who's a turbine in

1514

01:08:10,069 --> 01:08:07,469

the nuclear reactor it is the nuclear

1515

01:08:13,220 --> 01:08:10,079

decay that's heating up the steam that

1516

01:08:14,810 --> 01:08:13,230

then pushes the turbine so

1517

01:08:17,570 --> 01:08:14,820

basically though the same system just a

1518

01:08:22,039 --> 01:08:17,580

different energy source what a lot of

1519

01:08:24,289 --> 01:08:22,049

the arguments about say space travel

1520

01:08:27,620 --> 01:08:24,299

technology and things like that are is

1521

01:08:30,019 --> 01:08:27,630

that there is some unknown energy type

1522

01:08:32,420 --> 01:08:30,029

that we can then use to make a new type

1523

01:08:33,789 --> 01:08:32,430

of engine entirely so you know that's

1524

01:08:37,309 --> 01:08:33,799

where you get into these arguments about

1525

01:08:41,059 --> 01:08:37,319

zero-point energy and vacuum States and

1526

01:08:44,210 --> 01:08:41,069

all that stuff but again or we really

1527

01:08:46,370 --> 01:08:44,220

have not progressed a lot farther you

1528

01:08:47,479 --> 01:08:46,380

know we're still basically we are still

1529

01:08:49,670 --> 01:08:47,489

using steam engines

1530

01:08:51,200 --> 01:08:49,680

you know we've got different types of

1531

01:08:53,570 --> 01:08:51,210

batteries and more interesting energy

1532

01:08:57,260 --> 01:08:53,580

sources but ultimately it's been the

1533

01:09:00,769 --> 01:08:57,270

same type of energy generation system

1534

01:09:02,720 --> 01:09:00,779

since we first discovered it so I don't

1535

01:09:04,550 --> 01:09:02,730

know I mean it's possible there's all

1536

01:09:06,650 --> 01:09:04,560

kinds of different ways to do it but it

1537

01:09:09,320 --> 01:09:06,660

the simplest one that we still use is

1538

01:09:12,349 --> 01:09:09,330

that steam driven energy system so

1539

01:09:14,510 --> 01:09:12,359

that's that's one way you can get energy

1540

01:09:17,630 --> 01:09:14,520

into these things the other way would be

1541

01:09:20,360 --> 01:09:17,640

these potentials for say okay it's

1542

01:09:23,110 --> 01:09:20,370

there's a weird isotope of this material

1543

01:09:26,539 --> 01:09:23,120

that potentially has some kind of

1544

01:09:28,729 --> 01:09:26,549

anti-gravity properties or something

1545

01:09:32,630 --> 01:09:28,739

that's never been proven we don't really

1546

01:09:36,860 --> 01:09:32,640

know what gives a an object mass though

1547

01:09:39,349 --> 01:09:36,870

still so potentially but it's that's all

1548

01:09:43,490 --> 01:09:39,359

sci-fi kind of that's way way out there

1549

01:09:45,110 --> 01:09:43,500

sci-fi stuff well I've asked this to a

1550

01:09:50,749 --> 01:09:45,120

couple of astronomers I'm going to ask

1551

01:09:53,360 --> 01:09:50,759

you because of your background and do

1552

01:09:57,260 --> 01:09:53,370

you think what do you think about the

1553

01:09:59,450 --> 01:09:57,270

Big Bang and I'm not a conspiracy not

1554

01:10:03,470 --> 01:09:59,460

trying to do conspiracy here but I'm

1555

01:10:06,590 --> 01:10:03,480

always puzzled by the absolutely nothing

1556

01:10:09,340 --> 01:10:06,600

or the thing you know 25 million times

1557

01:10:13,280 --> 01:10:09,350

smaller than an atom bursts into in a

1558

01:10:15,530 --> 01:10:13,290

you know a millionth of a second you

1559

01:10:17,870 --> 01:10:15,540

know all of a sudden has all the energy

1560

01:10:20,930 --> 01:10:17,880

that there ever will be all throughout

1561

01:10:22,820 --> 01:10:20,940

the universe out of nothing that's

1562

01:10:25,570 --> 01:10:22,830

always so someone with your background

1563

01:10:28,630 --> 01:10:25,580

I'm gonna ask you

1564

01:10:30,810 --> 01:10:28,640

I know it's a puzzle and letting alone a

1565

01:10:32,320 --> 01:10:30,820

point to Elections man but it's just

1566

01:10:36,130 --> 01:10:32,330

what's that

1567

01:10:47,380 --> 01:10:36,140

I said I'm I'm I'm so happy we decided

1568

01:10:49,150 --> 01:10:47,390

on softball questions here man well I

1569

01:10:52,870 --> 01:10:49,160

did try to get a caller in you know no

1570

01:10:55,920 --> 01:10:52,880

one calls so it's okay the problem I

1571

01:10:58,990 --> 01:10:55,930

think with a lot of those kinds of so

1572

01:11:04,150 --> 01:10:59,000

first off I am NOT as I'm not an

1573

01:11:04,720 --> 01:11:04,160

astronomer so don't cut out on me I'm

1574

01:11:06,790 --> 01:11:04,730

just saying

1575

01:11:09,250 --> 01:11:06,800

understand as any good scientist would

1576
01:11:14,590 --> 01:11:09,260
have to that is not my area of expertise

1577
01:11:16,360 --> 01:11:14,600
however I would say in my so the the

1578
01:11:22,120 --> 01:11:16,370
problem with all kinds of arguments like

1579
01:11:25,300 --> 01:11:22,130
that where it gets back to that say you

1580
01:11:27,220 --> 01:11:25,310
know I mean it's it's similar to I had

1581
01:11:30,310 --> 01:11:27,230
someone had someone ask me this question

1582
01:11:33,850 --> 01:11:30,320
about they were talking about they found

1583
01:11:36,120 --> 01:11:33,860
a they found a dinosaur bone someplace

1584
01:11:38,500 --> 01:11:36,130
something some geologists or

1585
01:11:40,660 --> 01:11:38,510
archaeologists found some dinosaur bones

1586
01:11:42,670 --> 01:11:40,670
in place and then from the bone itself

1587
01:11:45,160 --> 01:11:42,680
they made an argument that the animal

1588
01:11:47,110 --> 01:11:45,170

must have been eating a certain type of

1589

01:11:49,180 --> 01:11:47,120

plant and the way it did it was this way

1590

01:11:51,280 --> 01:11:49,190

and just kind of inferring all these

1591

01:11:53,170 --> 01:11:51,290

extra things on top of what the bone

1592

01:11:59,110 --> 01:11:53,180

like what the actual evidence itself

1593

01:12:02,260 --> 01:11:59,120

could tell you I the Big Bang Theory has

1594

01:12:05,110 --> 01:12:02,270

stuck around so long theoretically at

1595

01:12:06,880 --> 01:12:05,120

least because the the astrophysics

1596

01:12:10,450 --> 01:12:06,890

community has not been able to tear it

1597

01:12:15,250 --> 01:12:10,460

down yet hmm so in the in the viewpoint

1598

01:12:18,820 --> 01:12:15,260

of say you know I'm I'm sticking to my

1599

01:12:20,470 --> 01:12:18,830

fellow scientists I would hope and I'm

1600

01:12:22,270 --> 01:12:20,480

sure that it's true that their peer

1601

01:12:24,790 --> 01:12:22,280

review process is keeping it if it's a

1602

01:12:27,730 --> 01:12:24,800

good theory it just won't be able to

1603

01:12:29,800 --> 01:12:27,740

withstand it'll it'll be able to

1604

01:12:33,160 --> 01:12:29,810

withstand peer review for as long as it

1605

01:12:35,560 --> 01:12:33,170

needs to yeah I mean it will be

1606

01:12:38,170 --> 01:12:35,570

interesting if someday you know they

1607

01:12:39,169 --> 01:12:38,180

actually find you know one part of it

1608

01:12:42,109 --> 01:12:39,179

was 100

1609

01:12:45,739 --> 01:12:42,119

sent you know really did happen but you

1610

01:12:51,020 --> 01:12:45,749

know we have new evidence that you know

1611

01:12:53,449 --> 01:12:51,030

whatever it is that you know something

1612

01:12:54,919 --> 01:12:53,459

else happened well that's the bet the

1613

01:13:00,410 --> 01:12:54,929

problem with theories like that though

1614

01:13:01,910 --> 01:13:00,420

is what what counts as evidence right

1615

01:13:06,199 --> 01:13:01,920

it's it's kind of like those arguments

1616

01:13:10,179 --> 01:13:06,209

to me the any arguments about what came

1617

01:13:11,859 --> 01:13:10,189

before the Big Bang it's kind of

1618

01:13:13,580 --> 01:13:11,869

philosophically it's an impossible

1619

01:13:16,699 --> 01:13:13,590

argument you're making for yourself

1620

01:13:18,620 --> 01:13:16,709

because you're basically stating before

1621

01:13:22,399 --> 01:13:18,630

there was matter and energy for me to

1622

01:13:24,919 --> 01:13:22,409

measure I think there was this yeah well

1623

01:13:27,919 --> 01:13:24,929

I you know I think it was an elephant

1624

01:13:29,270 --> 01:13:27,929

yeah you know can't prove me wrong right

1625

01:13:31,580 --> 01:13:29,280

none of the tests you do will ever prove

1626

01:13:34,040 --> 01:13:31,590

me wrong because there's nothing to

1627

01:13:41,060 --> 01:13:34,050

measure before the Big Bang yeah

1628

01:13:42,799 --> 01:13:41,070

so I you know so for me it's it is

1629

01:13:45,020 --> 01:13:42,809

pragmatically it becomes a question of

1630

01:13:47,020 --> 01:13:45,030

what we can't measure it so I don't know

1631

01:13:49,459 --> 01:13:47,030

and we have to leave it aside right so

1632

01:13:52,819 --> 01:13:49,469

at the same time though from a

1633

01:13:54,229 --> 01:13:52,829

philosophical point of view you know it

1634

01:13:58,100 --> 01:13:54,239

all comes down to say the entropic

1635

01:14:00,830 --> 01:13:58,110

principle where right I mean we don't we

1636

01:14:04,879 --> 01:14:00,840

might not know even if something is

1637

01:14:07,009 --> 01:14:04,889

unlikely if it has happened and we seem

1638

01:14:09,199 --> 01:14:07,019

to measure it it can still be unlikely

1639

01:14:11,419 --> 01:14:09,209

but it must have happened that way at

1640

01:14:14,270 --> 01:14:11,429

least once right it's the same argument

1641

01:14:14,810 --> 01:14:14,280

for life right hmm it you know there's a

1642

01:14:17,060 --> 01:14:14,820

point

1643

01:14:20,089 --> 01:14:17,070

oh-oh-oh-oh-oh-oh you know all the way

1644

01:14:21,919 --> 01:14:20,099

down the line 1% chance of life starting

1645

01:14:24,109 --> 01:14:21,929

on a planet or whatever yeah well it

1646

01:14:27,890 --> 01:14:24,119

happened here so we know it has to work

1647

01:14:28,790 --> 01:14:27,900

sometimes yes you know so I honestly

1648

01:14:30,830 --> 01:14:28,800

don't know though

1649

01:14:34,549 --> 01:14:30,840

you know honestly I'm a weird I'm one of

1650

01:14:37,129 --> 01:14:34,559

those weird science nerds wear like

1651

01:14:39,439 --> 01:14:37,139

chemists are weird because we didn't

1652

01:14:41,719 --> 01:14:39,449

like go on the planetariums as kids we

1653

01:14:44,509 --> 01:14:41,729

didn't like playing with animals we were

1654

01:14:48,140 --> 01:14:44,519

just straight-up like I want to be alone

1655

01:14:50,209 --> 01:14:48,150

in a dark dungeon mixing stuff you know

1656

01:14:51,949 --> 01:14:50,219

that was that was I always liked it as a

1657

01:14:52,910 --> 01:14:51,959

kid you know when I when I read Harry

1658

01:14:54,229 --> 01:14:52,920

Potter I was like I was

1659

01:14:57,500 --> 01:14:54,239

love to be in potions glass that looks

1660

01:15:00,439 --> 01:14:57,510

awesome it sounds so great you know so

1661

01:15:03,290 --> 01:15:00,449

for me like I don't know space is such

1662

01:15:05,120 --> 01:15:03,300

it's such an impossibly huge problem

1663

01:15:07,760 --> 01:15:05,130

those questions of the Big Bang and

1664

01:15:09,830 --> 01:15:07,770

stuff that it's I love the math I love

1665

01:15:10,910 --> 01:15:09,840

all the the hard level high level

1666

01:15:12,860 --> 01:15:10,920

equations that come from it and

1667

01:15:19,880 --> 01:15:12,870

everything and yeah those discussions

1668

01:15:21,530 --> 01:15:19,890

really fascinate me but again either you

1669

01:15:23,780 --> 01:15:21,540

just froze right now you're taking a

1670

01:15:27,500 --> 01:15:23,790

very long pause I think it's a Skype

1671

01:15:29,390 --> 01:15:27,510

thing again so I'll probably finish that

1672

01:15:32,720 --> 01:15:29,400

sentence for you

1673

01:15:34,870 --> 01:15:32,730

so then again you just don't know that's

1674

01:15:37,880 --> 01:15:34,880

the what I think you would have said and

1675

01:15:40,340 --> 01:15:37,890

I'm gonna hang in there and see if he

1676

01:15:41,900 --> 01:15:40,350

comes back if he doesn't come back in a

1677

01:15:42,740 --> 01:15:41,910

couple seconds here then I'm just gonna

1678

01:15:47,000 --> 01:15:42,750

call him back

1679

01:15:51,020 --> 01:15:47,010

on skype so anyone can call in the show

1680

01:15:58,400 --> 01:15:51,030

that number is listed right up on on

1681

01:16:02,150 --> 01:15:58,410

YouTube channel over at kgr a radio I go

1682

01:16:04,250 --> 01:16:02,160

ahead and have Evan if you would text

1683

01:16:05,800 --> 01:16:04,260

that over that and that chat over to

1684

01:16:11,560 --> 01:16:05,810

them in the chat room

1685

01:16:14,630 --> 01:16:11,570

and let's see oh there you are you back

1686

01:16:17,180 --> 01:16:14,640

you didn't know right you know meeting

1687

01:16:20,240 --> 01:16:17,190

Wi-Fi networks you probably didn't know

1688

01:16:21,500 --> 01:16:20,250

you were gone and I finished the

1689

01:16:26,720 --> 01:16:21,510

sentence for you

1690

01:16:29,300 --> 01:16:26,730

you listen back at the recording I hope

1691

01:16:34,130 --> 01:16:29,310

you're happy with what I said I finished

1692

01:16:35,720 --> 01:16:34,140

your sentence and then at the beginning

1693

01:16:37,700 --> 01:16:35,730

of everything there was blank so I'm

1694

01:16:41,030 --> 01:16:37,710

hoping you said I don't know cheese or

1695

01:16:43,070 --> 01:16:41,040

something good has come from somewhere

1696

01:16:46,820 --> 01:16:43,080

it's made out of cheese so that's it yes

1697

01:16:48,560 --> 01:16:46,830

all straight up yeah yeah so well I

1698

01:16:49,820 --> 01:16:48,570

think this is actually absolutely

1699

01:16:52,310 --> 01:16:49,830

fascinating really

1700

01:16:55,310 --> 01:16:52,320

and I'm sorry that you have your skype

1701
01:16:56,590 --> 01:16:55,320
issues you've had there but continuing

1702
01:17:01,490 --> 01:16:56,600
on

1703
01:17:03,320 --> 01:17:01,500
so the different parts of your you know

1704
01:17:06,040 --> 01:17:03,330
your education and your thoughts and all

1705
01:17:08,470 --> 01:17:06,050
that I believe I heard you say on al 100

1706
01:17:10,180 --> 01:17:08,480
show that you know you're you're the

1707
01:17:13,479 --> 01:17:10,190
type of person doesn't really judge some

1708
01:17:15,819 --> 01:17:13,489
of you like you think people need to to

1709
01:17:16,600 --> 01:17:15,829
say their thing and but whether it's

1710
01:17:17,919 --> 01:17:16,610
true or not

1711
01:17:22,120 --> 01:17:17,929
that's where do you want to talk a

1712
01:17:24,490 --> 01:17:22,130
little bit about that sure so I so first

1713
01:17:27,819 --> 01:17:24,500

time I think there's there is a caveat

1714

01:17:30,760 --> 01:17:27,829

to that I think so first off if if you

1715

01:17:34,890 --> 01:17:30,770

have had a an experience with something

1716

01:17:39,069 --> 01:17:34,900

a ghost a UFO whatever right I have

1717

01:17:41,140 --> 01:17:39,079

ultimately no I have no way of knowing

1718

01:17:43,680 --> 01:17:41,150

whether or not what you experienced was

1719

01:17:46,379 --> 01:17:43,690

true or not and regardless of that even

1720

01:17:48,609 --> 01:17:46,389

unless you're just telling a lie

1721

01:17:48,970 --> 01:17:48,619

whatever you experienced really happened

1722

01:17:51,069 --> 01:17:48,980

to you

1723

01:17:53,770 --> 01:17:51,079

whether it was a mistake you know you

1724

01:17:56,439 --> 01:17:53,780

mistook something else for something or

1725

01:17:59,140 --> 01:17:56,449

it was it was genuine something happened

1726

01:18:01,120 --> 01:17:59,150

to you and so from an investigative

1727

01:18:02,410 --> 01:18:01,130

standpoint or from the standpoint of say

1728

01:18:03,339 --> 01:18:02,420

anyone doing a good ethical

1729

01:18:07,089 --> 01:18:03,349

investigation

1730

01:18:08,589 --> 01:18:07,099

I can't presuppose you know oh I bet

1731

01:18:10,359 --> 01:18:08,599

this one's a hoax right this one I

1732

01:18:12,250 --> 01:18:10,369

definitely think is true you know real

1733

01:18:16,959 --> 01:18:12,260

or whatever that that should have no

1734

01:18:18,250 --> 01:18:16,969

play on how I take your story in and how

1735

01:18:21,430 --> 01:18:18,260

I choose were investigated and the

1736

01:18:23,799 --> 01:18:21,440

ultimate conclusions that I draw at the

1737

01:18:28,859 --> 01:18:23,809

same time though I think that there is

1738

01:18:31,660 --> 01:18:28,869

great value in once you test something

1739

01:18:35,200 --> 01:18:31,670

once something is proven to be something

1740

01:18:37,689 --> 01:18:35,210

or some way it's been proven it's you

1741

01:18:40,720 --> 01:18:37,699

know that's it it's done stop talking

1742

01:18:44,919 --> 01:18:40,730

about it because and again that

1743

01:18:47,680 --> 01:18:44,929

threshold for what is proven versus

1744

01:18:51,990 --> 01:18:47,690

unproven that gets to be very tricky

1745

01:18:54,339 --> 01:18:52,000

always but still it's the only way that

1746

01:18:56,290 --> 01:18:54,349

is the only way that studies that

1747

01:19:00,339 --> 01:18:56,300

investigations of any sort happen

1748

01:19:04,120 --> 01:19:00,349

accurately and happen over time so we

1749

01:19:07,180 --> 01:19:04,130

can take the example of it's it's one of

1750

01:19:09,939 --> 01:19:07,190

the hallmarks of pseudoscience in my

1751

01:19:13,750 --> 01:19:09,949

opinion that a pseudo scientific

1752

01:19:15,729 --> 01:19:13,760

principle never it's never refuted it's

1753

01:19:18,430 --> 01:19:15,739

never changed with evidence just sticks

1754

01:19:19,899 --> 01:19:18,440

around and the biggest hallmark really

1755

01:19:23,199 --> 01:19:19,909

is that not only does

1756

01:19:24,899 --> 01:19:23,209

to stick around it just changes forms so

1757

01:19:27,549 --> 01:19:24,909

when you disprove that it's something

1758

01:19:29,739 --> 01:19:27,559

the idea still sticks around they just

1759

01:19:32,379 --> 01:19:29,749

changed kind of the fabric or the

1760

01:19:35,589 --> 01:19:32,389

dressing of the idea so a good example

1761

01:19:38,919 --> 01:19:35,599

of that would be a good example of that

1762

01:19:42,129 --> 01:19:38,929

would say be the idea of witchcraft back

1763

01:19:44,739 --> 01:19:42,139

in the back in the medieval period all

1764

01:19:45,520 --> 01:19:44,749

the way up to say the Protestant

1765

01:19:47,259 --> 01:19:45,530

Reformation

1766

01:19:52,719 --> 01:19:47,269

right for example and even to the modern

1767

01:19:55,060 --> 01:19:52,729

day let's say we're at the beginning of

1768

01:19:57,520 --> 01:19:55,070

these ideas of demon lore and everything

1769

01:19:59,679 --> 01:19:57,530

else the idea of a witch was someone who

1770

01:20:03,520 --> 01:19:59,689

communicated directly with a being that

1771

01:20:05,679 --> 01:20:03,530

was as powerful as God right they were

1772

01:20:08,429 --> 01:20:05,689

communing with something that was seen

1773

01:20:10,899 --> 01:20:08,439

to be equal to God in its power it could

1774

01:20:13,509 --> 01:20:10,909

break the laws of the physical reality

1775

01:20:14,949 --> 01:20:13,519

that we live in it seemed to be under no

1776

01:20:17,819 --> 01:20:14,959

domain or Dominion it could just do

1777

01:20:20,409 --> 01:20:17,829

whatever it wanted but over time our

1778

01:20:23,709 --> 01:20:20,419

ideas about what a demon could be or

1779

01:20:25,689 --> 01:20:23,719

couldn't be changed so you had people

1780

01:20:28,209 --> 01:20:25,699

like say st. Augustine coming in and

1781

01:20:31,830 --> 01:20:28,219

saying or st. Thomas Aquinas coming and

1782

01:20:33,609 --> 01:20:31,840

saying well no it doesn't even

1783

01:20:37,659 --> 01:20:33,619

philosophically or theologically it

1784

01:20:40,089 --> 01:20:37,669

doesn't make sense that something evil

1785

01:20:42,279 --> 01:20:40,099

could be as good as the ultimate good or

1786

01:20:45,759 --> 01:20:42,289

the ultimate creator or whatever so

1787

01:20:47,859 --> 01:20:45,769

those ideas had to be thrown away and so

1788

01:20:51,520 --> 01:20:47,869

those arguments stopped being made but

1789

01:20:54,219 --> 01:20:51,530

the ultimate idea that let's say for

1790

01:20:57,279 --> 01:20:54,229

example a witch could poison your family

1791

01:20:59,259 --> 01:20:57,289

or make you ill or something that was no

1792

01:21:01,569 --> 01:20:59,269

longer because they were putting a curse

1793

01:21:04,449 --> 01:21:01,579

on you and changing the way that you

1794

01:21:07,149 --> 01:21:04,459

acted or whatever it simply changed over

1795

01:21:09,040 --> 01:21:07,159

to well now they're learning you know

1796

01:21:10,839 --> 01:21:09,050

the demon is bringing them special

1797

01:21:13,449 --> 01:21:10,849

poultices and potions and things that

1798

01:21:14,620 --> 01:21:13,459

will poison you and so they're just it's

1799

01:21:17,679 --> 01:21:14,630

just that the demon is more

1800

01:21:20,979 --> 01:21:17,689

knowledgeable than you are and over time

1801
01:21:23,259 --> 01:21:20,989
that idea kept shrinking the role of the

1802
01:21:27,459 --> 01:21:23,269
powers of the demon of the witch shrunk

1803
01:21:31,060 --> 01:21:27,469
to such a point that the modern-day

1804
01:21:33,470 --> 01:21:31,070
viewpoint of say I mean the idea of a

1805
01:21:36,140 --> 01:21:33,480
witch as being something

1806
01:21:37,729 --> 01:21:36,150
truly frightening is gone today we

1807
01:21:40,940 --> 01:21:37,739
hardly think of them as being powerful

1808
01:21:43,880 --> 01:21:40,950
malevolent malevolent beings right and

1809
01:21:46,610 --> 01:21:43,890
that's kind of but again those ideas

1810
01:21:49,610 --> 01:21:46,620
have just shifted so as opposed to say

1811
01:21:51,440 --> 01:21:49,620
we think that people could be demon

1812
01:21:53,120 --> 01:21:51,450
human hybrids that are coming to wreak

1813
01:21:56,150 --> 01:21:53,130

havoc on the earth we think about

1814

01:22:00,530 --> 01:21:56,160

alien-human hybrids right as opposed to

1815

01:22:02,090 --> 01:22:00,540

thinking about say you get the point I'm

1816

01:22:06,470 --> 01:22:02,100

making right these ideas just stick

1817

01:22:08,900 --> 01:22:06,480

around and don't change if if we hope to

1818

01:22:13,700 --> 01:22:08,910

make you apology a real study a real

1819

01:22:17,270 --> 01:22:13,710

science we need to be able to find new

1820

01:22:19,430 --> 01:22:17,280

evidence refute old ideas with that

1821

01:22:21,830 --> 01:22:19,440

evidence and then move forward with new

1822

01:22:24,650 --> 01:22:21,840

ideas because otherwise we're just gonna

1823

01:22:25,729 --> 01:22:24,660

be talking about the same cases and

1824

01:22:32,090 --> 01:22:25,739

forever and ever and ever

1825

01:22:35,060 --> 01:22:32,100

that's kind of where we've been so do

1826

01:22:39,410 --> 01:22:35,070

you think the and in general the UFO

1827

01:22:42,229 --> 01:22:39,420

community as stagnant at this point and

1828

01:22:45,770 --> 01:22:42,239

in the stagnation do you think some of

1829

01:22:47,720 --> 01:22:45,780

that comes from you know no like big

1830

01:22:51,140 --> 01:22:47,730

sightings happening that people are

1831

01:22:53,479 --> 01:22:51,150

talking about or and to throw that in

1832

01:22:56,600 --> 01:22:53,489

the whole mix I'm sure you were paying

1833

01:22:59,060 --> 01:22:56,610

attention when the December 16th article

1834

01:23:01,700 --> 01:22:59,070

came out in the New York Times excuse me

1835

01:23:06,979 --> 01:23:01,710

and people seem to take the topic a lot

1836

01:23:12,700 --> 01:23:06,989

more serious yeah so I am one of those

1837

01:23:16,820 --> 01:23:12,710

people that so I would think or I think

1838

01:23:18,320 --> 01:23:16,830

that the study of UFOs is if it is a

1839

01:23:19,280 --> 01:23:18,330

science if there's something real

1840

01:23:21,080 --> 01:23:19,290

happening and even if there isn't

1841

01:23:23,390 --> 01:23:21,090

something real if we want to treat it

1842

01:23:27,710 --> 01:23:23,400

like a science then we should look at

1843

01:23:30,470 --> 01:23:27,720

other sciences that have affected large

1844

01:23:33,440 --> 01:23:30,480

dispersed populations of people in a

1845

01:23:35,260 --> 01:23:33,450

seemingly random manner how did we

1846

01:23:38,090 --> 01:23:35,270

remove the randomness from that equation

1847

01:23:41,170 --> 01:23:38,100

we didn't do it by looking at individual

1848

01:23:44,180 --> 01:23:41,180

cases we did it by looking at statistics

1849

01:23:45,420 --> 01:23:44,190

so I give an example of I always give

1850

01:23:47,940 --> 01:23:45,430

this example

1851
01:23:51,570 --> 01:23:47,950
of diseases and how diseases spread

1852
01:23:53,340 --> 01:23:51,580
through populations right if you wanted

1853
01:23:56,370 --> 01:23:53,350
to find what the cause was for a new

1854
01:23:58,800 --> 01:23:56,380
type of disease you wouldn't be wasting

1855
01:24:01,050 --> 01:23:58,810
your time going to every hospital ward

1856
01:24:03,690 --> 01:24:01,060
and investigating every single

1857
01:24:05,640 --> 01:24:03,700
individual case and hoping that that one

1858
01:24:07,140 --> 01:24:05,650
case is the one that gives you the

1859
01:24:09,530 --> 01:24:07,150
smoking gun that this is where this

1860
01:24:11,640 --> 01:24:09,540
disease is coming from you would study

1861
01:24:13,950 --> 01:24:11,650
thousands of cases over a large

1862
01:24:17,180 --> 01:24:13,960
population sample and see where the

1863
01:24:22,710 --> 01:24:17,190

commonalities are that's where I think

1864

01:24:27,320 --> 01:24:22,720

the UFO field should move towards I have

1865

01:24:35,670 --> 01:24:32,780

right around the time where public

1866

01:24:37,920 --> 01:24:35,680

perception of UFOs as a topic seems to

1867

01:24:39,300 --> 01:24:37,930

be kind of hitting the upswing where

1868

01:24:44,070 --> 01:24:39,310

people are starting to be more open to

1869

01:24:46,980 --> 01:24:44,080

the idea yeah generally that there

1870

01:24:50,430 --> 01:24:46,990

really has not been a very good a very

1871

01:24:52,230 --> 01:24:50,440

very good case and I wonder almost if

1872

01:24:55,590 --> 01:24:52,240

that isn't because we're trying to be

1873

01:24:58,260 --> 01:24:55,600

more careful this time around about what

1874

01:25:02,250 --> 01:24:58,270

case we put out there right I mean you

1875

01:25:06,300 --> 01:25:02,260

have this very small glimmer of public

1876

01:25:09,450 --> 01:25:06,310

support that's coming out and you know

1877

01:25:10,920 --> 01:25:09,460

you don't want to ruin that by I don't

1878

01:25:13,770 --> 01:25:10,930

know shouting from the rooftops the

1879

01:25:20,490 --> 01:25:13,780

first case that you think but at the

1880

01:25:22,200 --> 01:25:20,500

same time - I think that I do think that

1881

01:25:25,890 --> 01:25:22,210

in some ways that the field is kind of

1882

01:25:31,050 --> 01:25:25,900

stagnated but that's only true at these

1883

01:25:33,480 --> 01:25:31,060

large I think that's only true of say oh

1884

01:25:35,700 --> 01:25:33,490

the old way of thinking about the

1885

01:25:37,530 --> 01:25:35,710

question I think there's a lot of young

1886

01:25:42,180 --> 01:25:37,540

researchers and a lot of independent

1887

01:25:45,530 --> 01:25:42,190

people writing books doing research

1888

01:25:47,550 --> 01:25:45,540

investigating these things that are

1889

01:25:49,830 --> 01:25:47,560

adding something to the equation that

1890

01:25:52,580 --> 01:25:49,840

wasn't there before and honestly I mean

1891

01:25:54,690 --> 01:25:52,590

I have found a lot of really wonderful

1892

01:25:56,280 --> 01:25:54,700

people who are interested in this

1893

01:25:58,740 --> 01:25:56,290

subject and who want to talk about it

1894

01:26:01,230 --> 01:25:58,750

and want to learn more through the me

1895

01:26:02,970 --> 01:26:01,240

of podcasting and on you know there are

1896

01:26:06,480 --> 01:26:02,980

so many great podcasts that do this sort

1897

01:26:09,240 --> 01:26:06,490

of topic right that again I think I

1898

01:26:11,280 --> 01:26:09,250

think the public I think the public

1899

01:26:12,740 --> 01:26:11,290

knowledge of the idea is just gonna keep

1900

01:26:15,570 --> 01:26:12,750

going up it's going to keep rising

1901

01:26:16,950 --> 01:26:15,580

whether or not that is ultimately

1902

01:26:20,100 --> 01:26:16,960

handled the right way or not by the

1903

01:26:22,710 --> 01:26:20,110

community is something entirely I don't

1904

01:26:25,350 --> 01:26:22,720

know if that's gonna be the case but I'm

1905

01:26:28,200 --> 01:26:25,360

hopeful I'm hopeful yeah there's a

1906

01:26:30,990 --> 01:26:28,210

there's one thing I've brought up on

1907

01:26:34,560 --> 01:26:31,000

number of times on the show and and that

1908

01:26:36,470 --> 01:26:34,570

is you know that when people first start

1909

01:26:39,000 --> 01:26:36,480

look if someone all of a sudden you know

1910

01:26:41,370 --> 01:26:39,010

takes it serious that never really

1911

01:26:43,500 --> 01:26:41,380

thought about it because of say the

1912

01:26:44,940 --> 01:26:43,510

September 16th article and they saw it

1913

01:26:46,860 --> 01:26:44,950

in the news a number of times and all

1914

01:26:48,960 --> 01:26:46,870

that and then they start poking around

1915

01:26:51,480 --> 01:26:48,970

on YouTube you know they're gonna come

1916

01:26:54,390 --> 01:26:51,490

on a couple of websites I mean a couple

1917

01:26:57,330 --> 01:26:54,400

of channels that are known for hoaxes

1918

01:27:00,240 --> 01:26:57,340

UFOs and you know it's a dead-end street

1919

01:27:02,580 --> 01:27:00,250

when it comes to stuff like that yeah

1920

01:27:06,180 --> 01:27:02,590

and that's kind of honestly it's it's

1921

01:27:07,950 --> 01:27:06,190

why I think it's so important that one

1922

01:27:13,290 --> 01:27:07,960

of the first things that we should do as

1923

01:27:16,200 --> 01:27:13,300

a group as a community is get rid of you

1924

01:27:19,340 --> 01:27:16,210

know you got a prune away the dead the

1925

01:27:22,530 --> 01:27:19,350

dead branches right those dead ends I

1926

01:27:24,660 --> 01:27:22,540

mean off the top of if we had another

1927

01:27:28,440 --> 01:27:24,670

two hours we could probably talk

1928

01:27:31,740 --> 01:27:28,450

non-stop just listing names of cases and

1929

01:27:34,260 --> 01:27:31,750

YouTube channels and you know books and

1930

01:27:39,210 --> 01:27:34,270

whatever that are have been disproven to

1931

01:27:40,860 --> 01:27:39,220

the point of yeah just ridiculousness

1932

01:27:43,200 --> 01:27:40,870

right I mean how many books have to come

1933

01:27:46,830 --> 01:27:43,210

out that then disprove the same thing

1934

01:27:51,150 --> 01:27:46,840

before we get the picture yeah and so

1935

01:27:53,690 --> 01:27:51,160

the it is a big problem I think and

1936

01:27:57,360 --> 01:27:53,700

because we haven't done our own

1937

01:27:59,070 --> 01:27:57,370

housekeeping I guess it is that way that

1938

01:28:02,190 --> 01:27:59,080

the first thing people are gonna find

1939

01:28:04,020 --> 01:28:02,200

when they I mean I always give this

1940

01:28:06,660 --> 01:28:04,030

example because I think it's I I think

1941

01:28:08,760 --> 01:28:06,670

it's a big issue one of the first things

1942

01:28:11,340 --> 01:28:08,770

that comes up if you look for UFOs on

1943

01:28:12,540 --> 01:28:11,350

Facebook are these groups of people who

1944

01:28:16,050 --> 01:28:12,550

think they're starseeds

1945

01:28:17,400 --> 01:28:16,060

oh really yeah I've never done spearmint

1946

01:28:19,590 --> 01:28:17,410

so oh my goodness

1947

01:28:23,490 --> 01:28:19,600

it's it's interesting right or if you

1948

01:28:25,260 --> 01:28:23,500

search for you know aliens or greys or

1949

01:28:26,610 --> 01:28:25,270

anything else right stuff that kind of

1950

01:28:29,520 --> 01:28:26,620

buzzwords that the public will know

1951

01:28:31,470 --> 01:28:29,530

about one of the first things you get

1952

01:28:34,170 --> 01:28:31,480

are these groups of people who are you

1953

01:28:36,570 --> 01:28:34,180

know all my aura today is really dark

1954

01:28:38,880 --> 01:28:36,580

I'm you know I'm really feeling it today

1955

01:28:43,790 --> 01:28:38,890

I wish I was back home on you know

1956

01:28:46,350 --> 01:28:43,800

wherever right that's not a great look

1957

01:28:48,960 --> 01:28:46,360

it's just it's it's not you know it's

1958

01:28:51,840 --> 01:28:48,970

it's it's it's gonna be a challenge I

1959

01:28:56,580 --> 01:28:51,850

think so yeah i just i just did the

1960

01:28:59,130 --> 01:28:56,590

experiment myself again here alien UFO

1961

01:29:03,960 --> 01:28:59,140

sightings reptilians UFOs and

1962

01:29:06,150 --> 01:29:03,970

conspiracies you know that's kind of

1963

01:29:07,910 --> 01:29:06,160

taken over by the fringe of it really

1964

01:29:12,200 --> 01:29:07,920

it definitely has been and that's

1965

01:29:16,020 --> 01:29:12,210

unfortunate because again there are I

1966

01:29:17,910 --> 01:29:16,030

mean you know my first my first big

1967

01:29:20,910 --> 01:29:17,920

event that I went to you with this kind

1968

01:29:24,540 --> 01:29:20,920

of stuff I met you know I met scientist

1969

01:29:28,290 --> 01:29:24,550

who worked on you know worked on nuclear

1970

01:29:29,790 --> 01:29:28,300

power I talked to you know bank

1971

01:29:32,520 --> 01:29:29,800

executives and economic you know

1972

01:29:36,270 --> 01:29:32,530

economists and psychologists and

1973

01:29:38,250 --> 01:29:36,280

professors and you know all these

1974

01:29:39,960 --> 01:29:38,260

wonderful people with all these great

1975

01:29:42,690 --> 01:29:39,970

backgrounds and all this this vast

1976

01:29:45,510 --> 01:29:42,700

knowledge you know so much more

1977

01:29:49,500 --> 01:29:45,520

knowledge than I one person by

1978

01:29:52,560 --> 01:29:49,510

themselves can contain but because

1979

01:29:56,040 --> 01:29:52,570

there's kind of a loud loud I guess

1980

01:29:58,950 --> 01:29:56,050

minority opinion you know shouting you

1981

01:30:01,440 --> 01:29:58,960

know we're aliens that's what some

1982

01:30:05,240 --> 01:30:01,450

people are gonna see so I really do

1983

01:30:09,660 --> 01:30:05,250

think it's it's important that we try to

1984

01:30:12,390 --> 01:30:09,670

both get ahead of that message so that

1985

01:30:14,700 --> 01:30:12,400

when the public perception does shift we

1986

01:30:16,740 --> 01:30:14,710

don't again kind of throw it out the

1987

01:30:20,400 --> 01:30:16,750

window but at the same time we do have

1988

01:30:22,380 --> 01:30:20,410

to as a community find a better way of

1989

01:30:25,890 --> 01:30:22,390

engaging groups like that I think yeah

1990

01:30:28,890 --> 01:30:25,900

because you know again that

1991

01:30:30,540 --> 01:30:28,900

good question of well if it's if they

1992

01:30:32,430 --> 01:30:30,550

don't really think this you know it's

1993

01:30:34,560 --> 01:30:32,440

just role play is it do people really

1994

01:30:36,479 --> 01:30:34,570

believe this is there something to this

1995

01:30:38,640 --> 01:30:36,489

like all those ideas at this point are

1996

01:30:40,830 --> 01:30:38,650

all equally valid although some are more

1997

01:30:44,520 --> 01:30:40,840

likely than others let's say because we

1998

01:30:47,430 --> 01:30:44,530

haven't looked at it at all and so I

1999

01:30:51,510 --> 01:30:47,440

think it's important that we again

2000

01:30:54,840 --> 01:30:51,520

you can't silence opinions but once you

2001
01:30:55,860 --> 01:30:54,850
have found a conclusion you should you

2002
01:30:58,470 --> 01:30:55,870
should probably put it out there for

2003
01:30:59,970 --> 01:30:58,480
other people to try to tear down and

2004
01:31:01,530 --> 01:30:59,980
then see what happens it's the way that

2005
01:31:04,260 --> 01:31:01,540
science the way that progress like that

2006
01:31:08,250 --> 01:31:04,270
happens right yeah there's really

2007
01:31:10,680 --> 01:31:08,260
nothing we can do about you know the the

2008
01:31:12,450 --> 01:31:10,690
way out there and the hoaxes and all

2009
01:31:15,270 --> 01:31:12,460
that the only thing we can do is keep

2010
01:31:19,169 --> 01:31:15,280
our side of the street clean and but and

2011
01:31:20,700 --> 01:31:19,179
if someone approaches us that wants to

2012
01:31:24,169 --> 01:31:20,710
talk then I do get a lot of email from

2013
01:31:27,030 --> 01:31:24,179

people and try to talk to them logically

2014

01:31:28,950 --> 01:31:27,040

so up on the chat room there was a

2015

01:31:32,910 --> 01:31:28,960

question and anyone feel free to call in

2016

01:31:34,850 --> 01:31:32,920

the numbers up on the screen this

2017

01:31:39,000 --> 01:31:34,860

Michael wanted to know do you believe in

2018

01:31:40,800 --> 01:31:39,010

cold fusion and free energy and that

2019

01:31:43,950 --> 01:31:40,810

aliens have already figured that out

2020

01:31:48,930 --> 01:31:43,960

that's an interesting question yeah I

2021

01:31:50,340 --> 01:31:48,940

think that so so ok there's a couple of

2022

01:31:54,320 --> 01:31:50,350

things there there's it's like three

2023

01:31:57,270 --> 01:31:54,330

separate questions rolled in on yeah I

2024

01:32:00,990 --> 01:31:57,280

believe in theory that cold fusion could

2025

01:32:05,810 --> 01:32:01,000

happen it hasn't yet as far as I can

2026

01:32:07,919 --> 01:32:05,820

tell but I do think though that it's

2027

01:32:12,060 --> 01:32:07,929

again it's one of those interesting

2028

01:32:14,370 --> 01:32:12,070

thought experiments where if you look at

2029

01:32:16,430 --> 01:32:14,380

if you look at the question from a

2030

01:32:18,899 --> 01:32:16,440

scientific perspective

2031

01:32:20,669 --> 01:32:18,909

it appears that okay well we don't have

2032

01:32:23,459 --> 01:32:20,679

it why would we ever hide it if we had

2033

01:32:26,910 --> 01:32:23,469

it etc etc or whatever but from the

2034

01:32:28,709 --> 01:32:26,920

philosophical standpoint in my mind you

2035

01:32:31,860 --> 01:32:28,719

can see good reasons why if we did have

2036

01:32:34,050 --> 01:32:31,870

it we might hide it right the economy

2037

01:32:39,300 --> 01:32:34,060

runs on energy rather a basis of the

2038

01:32:43,170 --> 01:32:39,310

economy so potentially it is a very good

2039

01:32:44,730 --> 01:32:43,180

I don't know I don't know anyways but I

2040

01:32:46,620 --> 01:32:44,740

think that there's a lot of things there

2041

01:32:49,410 --> 01:32:46,630

to unpack and think about it and talk

2042

01:32:51,240 --> 01:32:49,420

about potentially if you are even coming

2043

01:32:53,610 --> 01:32:51,250

at it academically from a non scientific

2044

01:32:56,700 --> 01:32:53,620

point of view it's an important question

2045

01:32:58,860 --> 01:32:56,710

I think of if we did have that access

2046

01:33:00,620 --> 01:32:58,870

what we do what is a society that has

2047

01:33:03,780 --> 01:33:00,630

access to that kind of energy source

2048

01:33:05,850 --> 01:33:03,790

like or what might it be like I would

2049

01:33:09,680 --> 01:33:05,860

argue that if there is a civilization

2050

01:33:12,720 --> 01:33:09,690

that can travel here they must have some

2051
01:33:16,620 --> 01:33:12,730
access to an extreme source of efficient

2052
01:33:20,280 --> 01:33:16,630
energy what that energy source is we

2053
01:33:23,790 --> 01:33:20,290
don't know but I would say though that

2054
01:33:26,220 --> 01:33:23,800
just from thermodynamics no energy is

2055
01:33:28,560 --> 01:33:26,230
free right there's zero point energy

2056
01:33:30,450 --> 01:33:28,570
potentially but even that then has to be

2057
01:33:32,580 --> 01:33:30,460
coming from someplace energy can't be

2058
01:33:37,680 --> 01:33:32,590
created or destroyed it has to transport

2059
01:33:40,380 --> 01:33:37,690
somehow so I I suspect that if they do

2060
01:33:42,450 --> 01:33:40,390
have the ability to travel here they

2061
01:33:45,450 --> 01:33:42,460
have access to some either

2062
01:33:50,520 --> 01:33:45,460
extraordinarily energy dense type of way

2063
01:33:53,820 --> 01:33:50,530

of holding energy or they are very adept

2064

01:33:55,290 --> 01:33:53,830

at generating or harvesting energy from

2065

01:33:59,640 --> 01:33:55,300

sources that we don't know of currently

2066

01:34:03,270 --> 01:33:59,650

on earth yeah yeah I've thought of stuff

2067

01:34:04,890 --> 01:34:03,280

like that and you know one of the things

2068

01:34:06,270 --> 01:34:04,900

I've said maybe they just figured

2069

01:34:09,480 --> 01:34:06,280

something out in physics that we never

2070

01:34:15,810 --> 01:34:09,490

could never even think of yet or Maine

2071

01:34:17,670 --> 01:34:15,820

never let's see this is this is going

2072

01:34:22,350 --> 01:34:17,680

back to the Big Bang someone just astin

2073

01:34:26,420 --> 01:34:22,360

over at the kgr a radio chat Ronald did

2074

01:34:29,610 --> 01:34:26,430

the Big Bang occur with a single Bang

2075

01:34:37,050 --> 01:34:29,620

that's another softball I like to think

2076
01:34:38,490 --> 01:34:37,060
it was a drum solo and there our theory

2077
01:34:42,000 --> 01:34:38,500
said it's happened you know like the

2078
01:34:44,220 --> 01:34:42,010
universe has shrunken down to this tiny

2079
01:34:47,490 --> 01:34:44,230
little mass and you know blown up and

2080
01:34:50,280 --> 01:34:47,500
has done this repeatedly you know

2081
01:34:55,980 --> 01:34:50,290
throughout time whatever you know time

2082
01:35:02,550 --> 01:34:55,990
is so yeah all philosophical questions

2083
01:35:04,260 --> 01:35:02,560
really someone was asking I know we

2084
01:35:07,710 --> 01:35:04,270
talked about MUFON and gone but they

2085
01:35:09,630 --> 01:35:07,720
said did did you ever feel like MUFON

2086
01:35:10,940 --> 01:35:09,640
was like almost like

2087
01:35:13,140 --> 01:35:10,950
[Music]

2088
01:35:16,050 --> 01:35:13,150

government-controlled in any type of way

2089

01:35:17,640 --> 01:35:16,060

and did you ever have any of those

2090

01:35:22,140 --> 01:35:17,650

thoughts I don't know exactly what the

2091

01:35:24,270 --> 01:35:22,150

question was only and that MUFON only in

2092

01:35:29,820 --> 01:35:24,280

that only a government could be as

2093

01:35:35,190 --> 01:35:33,390

no so I never found any evidence or saw

2094

01:35:38,760 --> 01:35:35,200

any evidence or felt at all that MUFON

2095

01:35:40,350 --> 01:35:38,770

was being you know when this question

2096

01:35:43,140 --> 01:35:40,360

attached to gusted in three different

2097

01:35:46,230 --> 01:35:43,150

ways right the first question is was

2098

01:35:47,820 --> 01:35:46,240

MUFON being run well why humans by

2099

01:35:49,410 --> 01:35:47,830

people right just everyday people that

2100

01:35:52,230 --> 01:35:49,420

are interested okay fine that's one

2101

01:35:54,360 --> 01:35:52,240

question the next one is is MUFON being

2102

01:35:55,890 --> 01:35:54,370

controlled by the government or new

2103

01:35:57,270 --> 01:35:55,900

world order or whatever that's a

2104

01:35:59,780 --> 01:35:57,280

different type of question the deep stay

2105

01:36:02,010 --> 01:35:59,790

yeah right and then the third one is is

2106

01:36:05,970 --> 01:36:02,020

MUFON being controlled by Robert Bigelow

2107

01:36:10,490 --> 01:36:05,980

that's the Thunder stand the Bigelow one

2108

01:36:12,390 --> 01:36:10,500

because definitely in in or in order of

2109

01:36:14,460 --> 01:36:12,400

well no I guess not an order of

2110

01:36:16,230 --> 01:36:14,470

likelihood but yeah no I completely

2111

01:36:20,910 --> 01:36:16,240

understand the Bigelow one as well right

2112

01:36:22,170 --> 01:36:20,920

the I never felt any evidence that it

2113

01:36:24,570 --> 01:36:22,180

was being so to answer your question

2114

01:36:26,790 --> 01:36:24,580

seriously I never felt any evidence that

2115

01:36:31,020 --> 01:36:26,800

there was government control or anything

2116

01:36:33,180 --> 01:36:31,030

like that any specific specific method

2117

01:36:35,850 --> 01:36:33,190

of disinformation or anything frankly I

2118

01:36:40,050 --> 01:36:35,860

think that we have done such a good job

2119

01:36:43,020 --> 01:36:40,060

ourselves of chasing our own tail that

2120

01:36:44,310 --> 01:36:43,030

we make erroneous information yeah the

2121

01:36:46,260 --> 01:36:44,320

government hasn't you know the

2122

01:36:48,360 --> 01:36:46,270

government that's the beauty of Facebook

2123

01:36:51,840 --> 01:36:48,370

right and these other things the

2124

01:36:54,000 --> 01:36:51,850

government is like look all we had to do

2125

01:36:55,350 --> 01:36:54,010

was ask them to do this I mean you know

2126

01:36:58,890 --> 01:36:55,360

we're given the ability they do it

2127

01:37:00,990 --> 01:36:58,900

themselves this is great so uh no I I

2128

01:37:04,410 --> 01:37:01,000

never had any evidence of things like

2129

01:37:10,020 --> 01:37:04,420

that I will say that

2130

01:37:12,330 --> 01:37:10,030

I will say that your experience with

2131

01:37:16,140 --> 01:37:12,340

MUFON though will change drastically

2132

01:37:19,560 --> 01:37:16,150

from from chapter to chapter is what I

2133

01:37:23,880 --> 01:37:19,570

found and experienced where there are

2134

01:37:26,400 --> 01:37:23,890

some chapters where it is run like a run

2135

01:37:28,140 --> 01:37:26,410

like a like an investigative force right

2136

01:37:29,850 --> 01:37:28,150

and then there are some chapters where

2137

01:37:31,470 --> 01:37:29,860

it's you know you're hanging out on the

2138

01:37:34,590 --> 01:37:31,480

weekends and drinking coffee and

2139

01:37:37,590 --> 01:37:34,600

watching weird documentaries so it is

2140

01:37:42,900 --> 01:37:37,600

very is definitely varied but yeah again

2141

01:37:44,010 --> 01:37:42,910

personally I found no evidence of

2142

01:37:46,890 --> 01:37:44,020

anything like that any government

2143

01:37:48,450 --> 01:37:46,900

interference or anything well you know I

2144

01:37:52,740 --> 01:37:48,460

was trying to look while you were

2145

01:37:54,810 --> 01:37:52,750

talking and race Stanford has been on

2146

01:37:57,689 --> 01:37:54,820

the show not sure of you familiar with

2147

01:38:00,300 --> 01:37:57,699

who he is he's a longtime researcher he

2148

01:38:05,250 --> 01:38:00,310

often listens to the show and he was

2149

01:38:08,459 --> 01:38:05,260

basically the first researcher outside

2150

01:38:12,150 --> 01:38:08,469

of Project Blue Book that showed up at

2151
01:38:14,459 --> 01:38:12,160
the Socorro incident and wrote a book a

2152
01:38:18,300 --> 01:38:14,469
very good book actually about the

2153
01:38:21,380 --> 01:38:18,310
Socorro incident and Ray has a Ray has a

2154
01:38:26,189 --> 01:38:21,390
story about being at a MUFON a

2155
01:38:30,479 --> 01:38:26,199
spectacular MUFON event back in the I

2156
01:38:34,050 --> 01:38:30,489
think he said it was the 1980s and there

2157
01:38:36,180 --> 01:38:34,060
was he there was a company that he said

2158
01:38:38,430 --> 01:38:36,190
no one he was part of it he's part of

2159
01:38:41,850 --> 01:38:38,440
the set up he said how can MUFON afford

2160
01:38:46,680 --> 01:38:41,860
this it was like it was a six-figure

2161
01:38:48,630 --> 01:38:46,690
event and so oh we have a sponsor and

2162
01:38:50,669 --> 01:38:48,640
it's this company and Ray did research

2163
01:38:55,169 --> 01:38:50,679

and found out that it was a shell

2164

01:38:56,580 --> 01:38:55,179

company for actually it had something to

2165

01:38:59,939 --> 01:38:56,590

do with the government so there was

2166

01:39:02,850 --> 01:38:59,949

suspicion from him and he actually when

2167

01:39:04,290 --> 01:39:02,860

I had gen horizont on the show a year

2168

01:39:06,180 --> 01:39:04,300

and a half was two years ago whatever

2169

01:39:08,189 --> 01:39:06,190

ray actually called in and confronted

2170

01:39:10,169 --> 01:39:08,199

him and he didn't really have you know

2171

01:39:12,780 --> 01:39:10,179

he had no idea and of course you know I

2172

01:39:14,040 --> 01:39:12,790

mean you know he it wouldn't be

2173

01:39:15,540 --> 01:39:14,050

something that would be passed down

2174

01:39:16,979 --> 01:39:15,550

through a MUFON you know if that's

2175

01:39:18,060 --> 01:39:16,989

something like that did happen I thought

2176

01:39:24,030 --> 01:39:18,070

it was interesting anyway

2177

01:39:26,040 --> 01:39:24,040

yeah I'll I'll say this if move on it's

2178

01:39:29,210 --> 01:39:26,050

a charitable organization in the United

2179

01:39:30,990 --> 01:39:29,220

States right which means that in theory

2180

01:39:34,860 --> 01:39:31,000

although this actually debt actually

2181

01:39:37,740 --> 01:39:34,870

might be changing soon with certain law

2182

01:39:40,260 --> 01:39:37,750

changes or whatever but whatever for the

2183

01:39:41,910 --> 01:39:40,270

time being at least that means that you

2184

01:39:44,660 --> 01:39:41,920

can look up their financial records for

2185

01:39:47,670 --> 01:39:44,670

free online like any other charity and

2186

01:39:53,400 --> 01:39:47,680

so if you're really interested you can

2187

01:39:56,790 --> 01:39:53,410

do that and you know again at the time

2188

01:39:58,490 --> 01:39:56,800

that you know besides my lanyard I

2189

01:40:01,860 --> 01:39:58,500

bought everything myself

2190

01:40:05,130 --> 01:40:01,870

right so if there was government funding

2191

01:40:09,360 --> 01:40:05,140

going on I have some expense reports to

2192

01:40:11,090 --> 01:40:09,370

fill out I think you know no butts but

2193

01:40:13,890 --> 01:40:11,100

seriously though I do think that

2194

01:40:16,650 --> 01:40:13,900

actually I just went I just want to stop

2195

01:40:20,360 --> 01:40:16,660

you there just to clarify that this was

2196

01:40:23,340 --> 01:40:20,370

only for this specific event and it was

2197

01:40:24,750 --> 01:40:23,350

I remember ray was telling me I think

2198

01:40:27,530 --> 01:40:24,760

Uri Geller was there and there was a

2199

01:40:31,500 --> 01:40:27,540

couple of things that were kind of

2200

01:40:33,900 --> 01:40:31,510

different you know and so it was only

2201

01:40:35,940 --> 01:40:33,910

for the event that he knew about I don't

2202

01:40:37,710 --> 01:40:35,950

think you know it was any mention of any

2203

01:40:40,050 --> 01:40:37,720

other thing to do with MUFON other than

2204

01:40:43,950 --> 01:40:40,060

that I was going to say I mean I I do

2205

01:40:45,810 --> 01:40:43,960

think that there are some I'm gonna say

2206

01:40:51,080 --> 01:40:45,820

as hopeful as I am about say to the

2207

01:40:55,740 --> 01:40:51,090

Stars Academy uh-huh I think that again

2208

01:40:58,230 --> 01:40:55,750

it's that is going to become an area

2209

01:41:00,210 --> 01:40:58,240

rife for conspiracy theory online and

2210

01:41:04,050 --> 01:41:00,220

these ideas everything else right it

2211

01:41:05,880 --> 01:41:04,060

already is really yeah I've gotten a lot

2212

01:41:09,060 --> 01:41:05,890

of email from different people about

2213

01:41:11,220 --> 01:41:09,070

that yes sure and so I do think that

2214

01:41:14,520 --> 01:41:11,230

it's although I hope that they do well

2215

01:41:17,040 --> 01:41:14,530

and I you know frankly I mean if you

2216

01:41:18,720 --> 01:41:17,050

know I got a phone call tomorrow like

2217

01:41:23,100 --> 01:41:18,730

come on board I'd be like yes I'm going

2218

01:41:24,510 --> 01:41:23,110

you know but if again we that's why it's

2219

01:41:26,460 --> 01:41:24,520

so important to have multiple groups

2220

01:41:27,860 --> 01:41:26,470

doing this not have one centralized

2221

01:41:30,810 --> 01:41:27,870

group it's why it's so important to have

2222

01:41:31,740 --> 01:41:30,820

healthy peer review and competition in a

2223

01:41:34,200 --> 01:41:31,750

sign in a

2224

01:41:37,010 --> 01:41:34,210

in any kind of study field because if

2225

01:41:39,990 --> 01:41:37,020

not it becomes very easy for one group

2226

01:41:44,160 --> 01:41:40,000

even if say it's not government money it

2227

01:41:45,900 --> 01:41:44,170

could be it could be a single person it

2228

01:41:48,630 --> 01:41:45,910

could be a certain group of people it

2229

01:41:51,510 --> 01:41:48,640

could be you know some I don't know a

2230

01:41:54,540 --> 01:41:51,520

book publisher decides to whatever help

2231

01:41:55,740 --> 01:41:54,550

fund half of you know group A's expenses

2232

01:41:57,450 --> 01:41:55,750

and all of a sudden they're Hawking all

2233

01:42:00,920 --> 01:41:57,460

their books all the time right like all

2234

01:42:03,750 --> 01:42:00,930

of that goes away if you have a robust

2235

01:42:06,960 --> 01:42:03,760

healthy community that is engaged in

2236

01:42:09,120 --> 01:42:06,970

peer review and critique so it's part of

2237

01:42:11,580 --> 01:42:09,130

why I think although it's great that to

2238

01:42:12,780 --> 01:42:11,590

the stars is going on and everything we

2239

01:42:15,870 --> 01:42:12,790

can't put all our eggs in that basket

2240

01:42:18,960 --> 01:42:15,880

because you know it's not gonna take a

2241

01:42:20,280 --> 01:42:18,970

lot for what they're doing to be called

2242

01:42:23,610 --> 01:42:20,290

into question and what if they find

2243

01:42:25,340 --> 01:42:23,620

nothing right and then that was supposed

2244

01:42:28,890 --> 01:42:25,350

to be the thing that proved UFO is real

2245

01:42:30,900 --> 01:42:28,900

you know to the whole public too so it's

2246

01:42:35,070 --> 01:42:30,910

I don't think it's a great position to

2247

01:42:37,680 --> 01:42:35,080

put our field in frankly okay so we have

2248

01:42:41,820 --> 01:42:37,690

another we have another question from

2249

01:42:45,960 --> 01:42:41,830

silly humans on in the chatroom and I

2250

01:42:49,050 --> 01:42:45,970

agree with him his name so the question

2251
01:42:51,240 --> 01:42:49,060
is what about the idea that UFO physics

2252
01:42:53,330 --> 01:42:51,250
tech is being suppressed because it

2253
01:42:56,130 --> 01:42:53,340
would make a frightening Lee

2254
01:42:59,130 --> 01:42:56,140
instantaneous weapon delivery system

2255
01:43:01,200 --> 01:42:59,140
there's been I know you know Stan

2256
01:43:04,500 --> 01:43:01,210
Freeman has talked about that like if

2257
01:43:10,410 --> 01:43:04,510
it's you know what if they if we had it

2258
01:43:13,350 --> 01:43:10,420
and they didn't type of thing yeah let's

2259
01:43:15,020 --> 01:43:13,360
put it this way if if there if there

2260
01:43:17,280 --> 01:43:15,030
either has been or if there will be

2261
01:43:19,980 --> 01:43:17,290
something like that happening on earth

2262
01:43:25,280 --> 01:43:19,990
where an alien civilization comes down

2263
01:43:27,780 --> 01:43:25,290

and you know whatever country they pick

2264

01:43:31,940 --> 01:43:27,790

that country becomes the center of the

2265

01:43:34,050 --> 01:43:31,950

world you know they show up in Belarus

2266

01:43:38,640 --> 01:43:34,060

well looks like we're learning

2267

01:43:41,280 --> 01:43:38,650

Belarusian that's it I mean the advanced

2268

01:43:41,790 --> 01:43:41,290

in technology in my opinion would be

2269

01:43:43,770 --> 01:43:41,800

yeah

2270

01:43:45,220 --> 01:43:43,780

same kind of idea it would be so vast

2271

01:43:47,500 --> 01:43:45,230

the

2272

01:43:52,479 --> 01:43:47,510

it would it would just upend things

2273

01:43:53,589 --> 01:43:52,489

completely now in terms of I don't know

2274

01:43:56,169 --> 01:43:53,599

in terms of these more metaphysical

2275

01:43:58,089 --> 01:43:56,179

questions of say it's being suppressed

2276

01:44:00,040 --> 01:43:58,099

because humans can't handle it or we'll

2277

01:44:02,500 --> 01:44:00,050

all kill each other or whatever look

2278

01:44:04,089 --> 01:44:02,510

what we're doing with Facebook you know

2279

01:44:06,520 --> 01:44:04,099

there's if there was ever evidence that

2280

01:44:09,339 --> 01:44:06,530

we weren't ready for a technology in his

2281

01:44:11,589 --> 01:44:09,349

Facebook yeah we enjoyed that lately

2282

01:44:13,839 --> 01:44:11,599

hasn't it yes oh my goodness

2283

01:44:15,729 --> 01:44:13,849

you know at least when people were using

2284

01:44:18,459 --> 01:44:15,739

clubs only one person could whack me

2285

01:44:21,399 --> 01:44:18,469

over the head at a time it's it's

2286

01:44:25,600 --> 01:44:21,409

amazing damage you can do with words yes

2287

01:44:32,200 --> 01:44:25,610

white preschool so yeah I don't know I I

2288

01:44:34,899 --> 01:44:32,210

don't know I I think it would be what a

2289

01:44:36,609 --> 01:44:34,909

terrible what a terrible thing it would

2290

01:44:39,879 --> 01:44:36,619

be if we found out in 50 years that all

2291

01:44:42,939 --> 01:44:39,889

of this geopolitical anxiety was all

2292

01:44:45,220 --> 01:44:42,949

just a farce right that actually we've

2293

01:44:48,939 --> 01:44:45,230

had this technology or so long and again

2294

01:44:54,069 --> 01:44:48,949

from a pragmatic point of view you know

2295

01:44:56,020 --> 01:44:54,079

I don't know but that's really it

2296

01:44:57,220 --> 01:44:56,030

changes the way that we investigate if

2297

01:45:00,490 --> 01:44:57,230

it changes the way that we live our

2298

01:45:02,770 --> 01:45:00,500

lives anything else like that so I think

2299

01:45:06,010 --> 01:45:02,780

it's interesting but I don't know

2300

01:45:09,220 --> 01:45:06,020

necessarily if it's a I don't know a

2301

01:45:12,729 --> 01:45:09,230

useful Avenue of research I guess mm-hmm

2302

01:45:16,140 --> 01:45:12,739

at least it's it's useful but it's

2303

01:45:19,060 --> 01:45:16,150

useful in the same senses say

2304

01:45:21,520 --> 01:45:19,070

metaphysics in philosophy is useful it's

2305

01:45:23,169 --> 01:45:21,530

interesting it teaches you things it

2306

01:45:25,120 --> 01:45:23,179

does teach you about yourself and and

2307

01:45:27,790 --> 01:45:25,130

potentially helps you answer other

2308

01:45:29,890 --> 01:45:27,800

questions but you're never gonna be you

2309

01:45:31,870 --> 01:45:29,900

know no one has ever made any money off

2310

01:45:33,700 --> 01:45:31,880

of metaphysics

2311

01:45:35,439 --> 01:45:33,710

I think it's the same kind of thing here

2312

01:45:37,510 --> 01:45:35,449

where I'm not sure that that kind of

2313

01:45:39,910 --> 01:45:37,520

question or that kind of discussion is

2314

01:45:45,189 --> 01:45:39,920

gonna bring us any closer to answers on

2315

01:45:47,709 --> 01:45:45,199

the UFO question yeah yeah I got that so

2316

01:45:48,069 --> 01:45:47,719

I was just looking for another question

2317

01:45:51,580 --> 01:45:48,079

up here

2318

01:45:56,890 --> 01:45:51,590

I saw one earlier but so what do you

2319

01:45:58,000 --> 01:45:56,900

think is the future of the group you're

2320

01:46:01,149 --> 01:45:58,010

involved when we talked

2321

01:46:03,149 --> 01:46:01,159

earlier again Alejandro's on the it's a

2322

01:46:06,100 --> 01:46:03,159

board right now at this point isn't it

2323

01:46:08,640 --> 01:46:06,110

yep and so can you talk a little bit

2324

01:46:13,330 --> 01:46:08,650

about that and the goals of that

2325

01:46:15,540 --> 01:46:13,340

organization so right now we are right

2326

01:46:18,899 --> 01:46:15,550

now we're pretty a relatively loosely

2327

01:46:22,930 --> 01:46:18,909

organized group of about 40 researchers

2328

01:46:26,290 --> 01:46:22,940

who are scientifically minded and kind

2329

01:46:28,060 --> 01:46:26,300

of faced towards very serious

2330

01:46:33,279 --> 01:46:28,070

investigations and discussions of the

2331

01:46:36,479 --> 01:46:33,289

UFO phenomena and so right now really I

2332

01:46:40,000 --> 01:46:36,489

think we're the group hopes to be is

2333

01:46:41,649 --> 01:46:40,010

finding more kind of central members to

2334

01:46:44,979 --> 01:46:41,659

do these kinds of work these kind of

2335

01:46:46,750 --> 01:46:44,989

investigations and things and but right

2336

01:46:48,790 --> 01:46:46,760

now I think it's all it's all very in

2337

01:46:51,310 --> 01:46:48,800

flux you know but I would I would

2338

01:46:54,250 --> 01:46:51,320

suggest if you're interested if you

2339

01:46:55,750 --> 01:46:54,260

are a scientifically minded or just a

2340

01:46:57,879 --> 01:46:55,760

serious investigator with a lot of you

2341

01:46:59,140 --> 01:46:57,889

know just a serious person who's

2342

01:46:59,970 --> 01:46:59,150

interested in getting involved in

2343

01:47:02,350 --> 01:46:59,980

learning about this stuff

2344

01:47:05,680 --> 01:47:02,360

you know shoot the group an email it's

2345

01:47:07,029 --> 01:47:05,690

the SCU shoot me an email whatever I'll

2346

01:47:10,990 --> 01:47:07,039

put you in contact you'd Alejandro an

2347

01:47:13,930 --> 01:47:11,000

email you know because I do think it's

2348

01:47:16,600 --> 01:47:13,940

it's important that we again build a

2349

01:47:17,020 --> 01:47:16,610

robust community doing this kind of

2350

01:47:24,279 --> 01:47:17,030

stuff

2351

01:47:28,479 --> 01:47:24,289

okay so SCU yes and and it's called it's

2352

01:47:30,879 --> 01:47:28,489

the it's the collation a scientific go

2353

01:47:33,279 --> 01:47:30,889

yeah scientific coalition for you if

2354

01:47:34,629 --> 01:47:33,289

evolution of so anyone can find that

2355

01:47:39,640 --> 01:47:34,639

website I'm just going to announce it

2356

01:47:42,660 --> 01:47:39,650

real quickly its Explorer s see you dot

2357

01:47:45,220 --> 01:47:42,670

org so yes there and check it out online

2358

01:47:49,259 --> 01:47:45,230

well that's that's interesting I'm glad

2359

01:47:52,299 --> 01:47:49,269

that's happening can anyone actually

2360

01:47:56,169 --> 01:47:52,309

contact someone there and talk about

2361

01:47:58,870 --> 01:47:56,179

cases or what is something they may have

2362

01:48:01,240 --> 01:47:58,880

some you know extra evidence on or

2363

01:48:05,799 --> 01:48:01,250

something like that or currently it's

2364

01:48:07,180 --> 01:48:05,809

currently it is again pretty currently

2365

01:48:09,669 --> 01:48:07,190

what the group hopes to do is kind of

2366

01:48:11,799 --> 01:48:09,679

have these independent researchers write

2367

01:48:14,020 --> 01:48:11,809

white papers write research but

2368

01:48:17,829 --> 01:48:14,030

I got it that go out to the public I got

2369

01:48:18,969 --> 01:48:17,839

it so in terms of actually investigating

2370

01:48:20,709 --> 01:48:18,979

cases that's still something that I

2371

01:48:26,099 --> 01:48:20,719

think is up in the air yeah right cuz

2372

01:48:30,689 --> 01:48:26,109

that that adds a layer yes of complexity

2373

01:48:33,579 --> 01:48:30,699

so so it's kind of a standalone sort of

2374

01:48:36,520 --> 01:48:33,589

work most of it almost more of a

2375

01:48:38,649 --> 01:48:36,530

think-tank I would say yeah Wow and

2376

01:48:43,629 --> 01:48:38,659

white papers other actually published

2377

01:48:45,009 --> 01:48:43,639

papers out there now they're both there

2378

01:48:46,750 --> 01:48:45,019

no there are a couple of papers that

2379

01:48:48,790 --> 01:48:46,760

were published by members by affiliates

2380

01:48:50,049 --> 01:48:48,800

for sure I don't think that are

2381

01:48:51,129 --> 01:48:50,059

available on the website just yet

2382

01:48:54,250 --> 01:48:51,139

and I don't think anything has been

2383

01:48:55,779 --> 01:48:54,260

officially published yet by the SCU but

2384

01:48:58,239 --> 01:48:55,789

there are things that people are working

2385

01:49:00,790 --> 01:48:58,249

on in writing I had an article that came

2386

01:49:03,250 --> 01:49:00,800

out on kind of the philosophical

2387

01:49:07,119 --> 01:49:03,260

viewpoint of UFO investigations that I

2388

01:49:08,649 --> 01:49:07,129

think we should take you know so there

2389

01:49:10,479 --> 01:49:08,659

is stuff coming along in the pipeline

2390

01:49:12,849 --> 01:49:10,489

and again if people want to get involved

2391

01:49:13,989 --> 01:49:12,859

I can't speak for the whole su but if

2392

01:49:15,250 --> 01:49:13,999

people want to get involved in some of

2393

01:49:16,419 --> 01:49:15,260

the work that we're trying to do some

2394

01:49:18,369 --> 01:49:16,429

the white papers we're trying to write

2395

01:49:21,579 --> 01:49:18,379

again shoot me an email

2396

01:49:22,419 --> 01:49:21,589

Chris F Cogswell at gmail.com all right

2397

01:49:25,599 --> 01:49:22,429

so I'm going to throw you another

2398

01:49:30,099 --> 01:49:25,609

softball here if you had to give your

2399

01:49:31,719 --> 01:49:30,109

best guess as a philosopher what do you

2400

01:49:35,319 --> 01:49:31,729

think people are seeing if they're

2401

01:49:37,089 --> 01:49:35,329

seeing you know I'm saying what do you

2402

01:49:43,750 --> 01:49:37,099

think people are seeing their

2403

01:49:47,049 --> 01:49:43,760

unexplainable once yeah yeah so yeah a

2404

01:49:49,449 --> 01:49:47,059

very easy question oh my goodness t l so

2405

01:49:54,069 --> 01:49:49,459

again just to put it in context l

2406

01:49:56,589 --> 01:49:54,079

definitely believe that you know 99% if

2407

01:49:58,599 --> 01:49:56,599

not more of the cases that come out

2408

01:50:00,819 --> 01:49:58,609

every year are probably miss

2409

01:50:03,329 --> 01:50:00,829

identification Zoar you know whatever

2410

01:50:07,000 --> 01:50:03,339

tricks of the mind or what have you that

2411

01:50:12,149 --> 01:50:07,010

small percentage that's real honestly l

2412

01:50:13,989 --> 01:50:12,159

I can't say I don't think there's any l

2413

01:50:17,290 --> 01:50:13,999

don't think there's enough evidence

2414

01:50:21,639 --> 01:50:17,300

either way I think that whatever it is

2415

01:50:25,350 --> 01:50:21,649

is clearly intelligent I think whatever

2416

01:50:28,149 --> 01:50:25,360

it is clearly capable of

2417

01:50:31,359 --> 01:50:28,159

playing I don't know if games is the

2418

01:50:33,070 --> 01:50:31,369

right word but certainly of playing on

2419

01:50:35,979 --> 01:50:33,080

the emotions of humans making them

2420

01:50:39,370 --> 01:50:35,989

frightened making them question their

2421

01:50:41,500 --> 01:50:39,380

own kind of sanity or viewpoint and I

2422

01:50:45,669 --> 01:50:41,510

believe that there is certainly some

2423

01:50:48,129 --> 01:50:45,679

kind of regardless of the commonalities

2424

01:50:49,419 --> 01:50:48,139

or not the common values regardless of

2425

01:50:51,250 --> 01:50:49,429

the differences between the cases that

2426
01:50:54,070 --> 01:50:51,260
have occurred over time there do seem to

2427
01:50:55,990 --> 01:50:54,080
be commonalities so all I can say for

2428
01:50:58,359 --> 01:50:56,000
certain is that I think there is a hard

2429
01:51:01,080 --> 01:50:58,369
kernel of reality in there somewhere

2430
01:51:03,280 --> 01:51:01,090
what it is though I think it would be

2431
01:51:06,609 --> 01:51:03,290
it's the same thing as what's before the

2432
01:51:08,080 --> 01:51:06,619
Big Bang right it could be anything the

2433
01:51:10,450 --> 01:51:08,090
only thing I think we can the only thing

2434
01:51:12,459 --> 01:51:10,460
I can maybe I'll make this like as

2435
01:51:15,339 --> 01:51:12,469
opposed to Descartes steam it I can call

2436
01:51:17,169 --> 01:51:15,349
this Cogswell's alien or something the

2437
01:51:19,570 --> 01:51:17,179
only thing I can be certain of is that

2438
01:51:24,280 --> 01:51:19,580

I'm not the one abducting people in a

2439

01:51:27,609 --> 01:51:24,290

station that's filled are you sure I'm

2440

01:51:32,169 --> 01:51:27,619

trying like again almost wonder-percent

2441

01:51:34,959 --> 01:51:32,179

sure you know yeah I don't know I

2442

01:51:40,479 --> 01:51:34,969

honestly I don't know but that's what is

2443

01:51:42,490 --> 01:51:40,489

so fascinating is who knows yeah yeah it

2444

01:51:46,479 --> 01:51:42,500

is that's what kind of keeps me going I

2445

01:51:48,669 --> 01:51:46,489

find it I find it really fascinating so

2446

01:51:50,910 --> 01:51:48,679

why don't you go ahead and give out your

2447

01:51:55,600 --> 01:51:50,920

information I just heard you say you're

2448

01:51:57,790 --> 01:51:55,610

your email address how about your

2449

01:52:00,430 --> 01:51:57,800

website for your podcast yeah so the

2450

01:52:03,070 --> 01:52:00,440

website is the mad scientist podcast at

2451
01:52:06,189 --> 01:52:03,080
gmail.com you can also find us on

2452
01:52:07,930 --> 01:52:06,199
twitter at mad scientist pod and if you

2453
01:52:11,169 --> 01:52:07,940
search the mad scientist podcast and all

2454
01:52:14,500 --> 01:52:11,179
of your itunes aggregates SoundCloud

2455
01:52:16,089 --> 01:52:14,510
Spotify all of them we will show up

2456
01:52:17,970 --> 01:52:16,099
where our logo is the one with the

2457
01:52:20,560 --> 01:52:17,980
jack-o'-lantern so it's easy to find

2458
01:52:23,430 --> 01:52:20,570
this week this this actually this past

2459
01:52:27,370 --> 01:52:23,440
month we have been covering a UFO case

2460
01:52:29,550 --> 01:52:27,380
from Claremont New Hampshire that's kind

2461
01:52:35,550 --> 01:52:29,560
of fallen into the dustbin of history

2462
01:52:38,200 --> 01:52:35,560
because this this investigator kind of

2463
01:52:39,160 --> 01:52:38,210

kind of changed from a very serious

2464

01:52:42,340 --> 01:52:39,170

investigator and

2465

01:52:44,830 --> 01:52:42,350

early life into a very metaphysical kind

2466

01:52:46,300 --> 01:52:44,840

of investigator later on so it's it's

2467

01:52:47,970 --> 01:52:46,310

fascinating though and it has a lot of

2468

01:52:51,459 --> 01:52:47,980

personal connections to my own story

2469

01:52:54,490 --> 01:52:51,469

because the farm where a lot of the

2470

01:52:57,220 --> 01:52:54,500

sightings in Claremont took place is a

2471

01:52:58,510 --> 01:52:57,230

farm that's now owned by my fiance's

2472

01:53:00,580 --> 01:52:58,520

grandma Wow

2473

01:53:03,160 --> 01:53:00,590

so yeah we've had more time to talk

2474

01:53:06,160 --> 01:53:03,170

about that because that's that's not too

2475

01:53:07,840 --> 01:53:06,170

far away from where I am right now Chris

2476

01:53:09,700 --> 01:53:07,850

I want to thank you so much for being on

2477

01:53:12,189 --> 01:53:09,710

the show you were a great guest I really

2478

01:53:13,810 --> 01:53:12,199

really enjoyed you a lot oh no problem

2479

01:53:16,540 --> 01:53:13,820

thanks so much for having me anytime all

2480

01:53:18,790 --> 01:53:16,550

right all right you take care cool bye

2481

01:53:21,070 --> 01:53:18,800

all right everyone so that's it for the

2482

01:53:24,130 --> 01:53:21,080

show thanks so much for listening and

2483

01:53:25,870 --> 01:53:24,140

hanging in with us and we are gonna be

2484

01:53:29,620 --> 01:53:25,880

back next week we're going to be on

2485

01:53:32,470 --> 01:53:29,630

location in Exeter New Hampshire at Mack

2486

01:53:36,490 --> 01:53:32,480

Maloney with him we're going to be doing

2487

01:53:39,220 --> 01:53:36,500

a simulcast three-way simulcast show at

2488

01:53:41,200 --> 01:53:39,230

a radio station next week for those

2489

01:53:42,430 --> 01:53:41,210

people in youtube you can actually see

2490

01:53:44,380 --> 01:53:42,440

that we're going to be filming there at

2491

01:53:46,360 --> 01:53:44,390

the same time should be a lot of fun so

2492

01:53:47,500 --> 01:53:46,370

that's next Tuesday all right I want to

2493

01:53:50,890 --> 01:53:47,510

thank you when they helped out with the

2494

01:53:53,890 --> 01:53:50,900

show our Alejandro Rojas a course and

2495

01:53:56,370 --> 01:53:53,900

our guest Chris Cogswell I also want to

2496

01:54:02,080 --> 01:53:56,380

thank Evan for working in the background

2497

01:54:04,270 --> 01:54:02,090

and Bill over at kgr a radio and that's