



**GARRY
NOLAN**

**HANDLING
UFO MATERIAL**

1
00:00:03,189 --> 00:00:01,510
just a note if you haven't seen the

2
00:00:04,789 --> 00:00:03,199
april fool's video the ranking of the

3
00:00:06,389 --> 00:00:04,799
toes then click on the link in the

4
00:00:08,390 --> 00:00:06,399
description as i placed quite a

5
00:00:10,230 --> 00:00:08,400
significant amount of effort into it and

6
00:00:12,230 --> 00:00:10,240
people seem to enjoy it which is always

7
00:00:14,230 --> 00:00:12,240
a delightful match

8
00:00:16,310 --> 00:00:14,240
gary nolan is an immunologist an

9
00:00:18,070 --> 00:00:16,320
inventor a business executive and a

10
00:00:20,150 --> 00:00:18,080
professor at the stanford school of

11
00:00:22,550 --> 00:00:20,160
medicine today we talk about subjects

12
00:00:24,630 --> 00:00:22,560
ranging from nootropics to the potential

13
00:00:26,150 --> 00:00:24,640

physical evidence of intelligent life

14

00:00:28,790 --> 00:00:26,160

being behind what are the reports of

15

00:00:30,470 --> 00:00:28,800

ufos including the adverse effects of

16

00:00:34,150 --> 00:00:30,480

interacting with the phenomenon which

17

00:00:35,270 --> 00:00:34,160

was just declassified in late march 2022

18

00:00:36,790 --> 00:00:35,280

click on the time stamp in the

19

00:00:39,270 --> 00:00:36,800

description if you'd like to skip this

20

00:00:41,590 --> 00:00:39,280

intro my name is kirchey mungle i'm a

21

00:00:44,069 --> 00:00:41,600

torontonian filmmaker with a background

22

00:00:46,549 --> 00:00:44,079

in mathematical physics dedicated to the

23

00:00:48,310 --> 00:00:46,559

explication of the variegated terrain of

24

00:00:50,229 --> 00:00:48,320

theories of everything from a

25

00:00:52,229 --> 00:00:50,239

theoretical physics perspective but as

26

00:00:53,990 --> 00:00:52,239

well as analyzing consciousness and

27

00:00:56,150 --> 00:00:54,000

seeing its potential connection to

28

00:00:58,069 --> 00:00:56,160

fundamental reality whatever that is

29

00:01:00,630 --> 00:00:58,079

essentially this channel is dedicated to

30

00:01:02,630 --> 00:01:00,640

exploring the under nature of reality

31

00:01:04,310 --> 00:01:02,640

the constitutional laws that govern it

32

00:01:06,630 --> 00:01:04,320

provided those laws exist at all and are

33

00:01:08,550 --> 00:01:06,640

even noble to us if you enjoy witnessing

34

00:01:11,350 --> 00:01:08,560

and engaging with others on the topics

35

00:01:13,510 --> 00:01:11,360

of psychology consciousness physics etc

36

00:01:15,190 --> 00:01:13,520

the channels themes then do consider

37

00:01:17,109 --> 00:01:15,200

going to the discord and the subreddit

38

00:01:18,950 --> 00:01:17,119

which are linked in the description

39

00:01:20,630 --> 00:01:18,960

there's also a link to the patreon that

40

00:01:22,390 --> 00:01:20,640

is patreon.com

41

00:01:24,469 --> 00:01:22,400

kerchamungle if you'd like to support

42

00:01:26,310 --> 00:01:24,479

this podcast as the patrons and the

43

00:01:28,710 --> 00:01:26,320

sponsors are the only reasons that i'm

44

00:01:30,630 --> 00:01:28,720

able to have podcasts of this quality

45

00:01:32,870 --> 00:01:30,640

and this depth given that i can do this

46

00:01:34,710 --> 00:01:32,880

now full time thanks to both the patrons

47

00:01:37,030 --> 00:01:34,720

and the sponsors support speaking of

48

00:01:38,950 --> 00:01:37,040

sponsors there are two the first sponsor

49

00:01:40,390 --> 00:01:38,960

is brilliant during the winter break i

50

00:01:42,230 --> 00:01:40,400

decided to brush up on some of the

51
00:01:44,389 --> 00:01:42,240
fundamentals of physics particularly

52
00:01:46,310 --> 00:01:44,399
with regard to information theory as i'd

53
00:01:47,910 --> 00:01:46,320
like to interview chiara marletto on

54
00:01:49,590 --> 00:01:47,920
constructor theory which is heavily

55
00:01:51,270 --> 00:01:49,600
based in information theory now

56
00:01:52,630 --> 00:01:51,280
information theory is predicated on

57
00:01:55,030 --> 00:01:52,640
entropy at least there's a fundamental

58
00:01:56,709 --> 00:01:55,040
formula for entropy so i ended up taking

59
00:01:58,789 --> 00:01:56,719
the brilliant course i challenged myself

60
00:02:00,789 --> 00:01:58,799
to do one lesson per day and i took the

61
00:02:03,109 --> 00:02:00,799
course's random variable distributions

62
00:02:04,789 --> 00:02:03,119
and knowledge slash uncertainty what i

63
00:02:06,469 --> 00:02:04,799

loved is that despite knowing the

64

00:02:08,710 --> 00:02:06,479

formula for entropy which is essentially

65

00:02:10,630 --> 00:02:08,720

hammered into as an undergraduate it

66

00:02:12,470 --> 00:02:10,640

seems like it comes down from the sky

67

00:02:14,150 --> 00:02:12,480

arbitrarily and with brilliant for the

68

00:02:15,750 --> 00:02:14,160

first time i was able to see how the

69

00:02:18,070 --> 00:02:15,760

formula for entropy which you're seeing

70

00:02:19,830 --> 00:02:18,080

right now is actually extremely natural

71

00:02:21,750 --> 00:02:19,840

and it'd be strange to define it in any

72

00:02:23,430 --> 00:02:21,760

other manner there are plenty of courses

73

00:02:24,710 --> 00:02:23,440

and you can even learn group theory

74

00:02:26,150 --> 00:02:24,720

which is what's being referenced when

75

00:02:29,030 --> 00:02:26,160

you hear that the standard model is

76

00:02:30,710 --> 00:02:29,040

predicated on u1 cross su-2 cross su-3

77

00:02:32,710 --> 00:02:30,720

those are lead groups continuous lead

78

00:02:35,430 --> 00:02:32,720

groups visit brilliant.org

79

00:02:37,110 --> 00:02:35,440

tow t-o-e to get 20 off an annual

80

00:02:39,270 --> 00:02:37,120

subscription and i recommend that you

81

00:02:41,030 --> 00:02:39,280

don't stop before four lessons i think

82

00:02:42,790 --> 00:02:41,040

you'll be greatly surprised at the ease

83

00:02:44,710 --> 00:02:42,800

at which you can now comprehend subjects

84

00:02:47,430 --> 00:02:44,720

you previously had a difficult time

85

00:02:49,509 --> 00:02:47,440

grokking the second sponsor is algo now

86

00:02:51,509 --> 00:02:49,519

algo is an end-to-end supply chain

87

00:02:53,589 --> 00:02:51,519

optimization software company with

88

00:02:55,589 --> 00:02:53,599

software that helps business users

89

00:02:57,750 --> 00:02:55,599

optimize sales and operations planning

90

00:02:59,670 --> 00:02:57,760

to avoid stockouts reduce return and

91

00:03:02,070 --> 00:02:59,680

inventory write-downs while reducing

92

00:03:05,270 --> 00:03:02,080

inventory investment it's a supply chain

93

00:03:07,350 --> 00:03:05,280

ai that drives smart roi headed by amjad

94

00:03:09,670 --> 00:03:07,360

hussein who's been a huge supporter of

95

00:03:12,710 --> 00:03:09,680

this podcast since near its inception in

96

00:03:14,630 --> 00:03:12,720

fact amjad has his own podcast on ai and

97

00:03:16,550 --> 00:03:14,640

consciousness and business growth and if

98

00:03:18,390 --> 00:03:16,560

you'd like to support the tow podcast

99

00:03:20,149 --> 00:03:18,400

then visit the link in the description

100

00:03:22,149 --> 00:03:20,159

to see amjad's podcast because

101
00:03:24,630 --> 00:03:22,159
subscribing to him or at least visiting

102
00:03:27,509 --> 00:03:24,640
supports the toe podcast indirectly

103
00:03:28,869 --> 00:03:27,519
thank you and enjoy

104
00:03:31,030 --> 00:03:28,879
of all the pieces of evidence that

105
00:03:33,190 --> 00:03:31,040
you've seen that you've heard of hard

106
00:03:35,030 --> 00:03:33,200
pieces of evidence that you can disclose

107
00:03:39,670 --> 00:03:35,040
which one stands out as most

108
00:03:40,470 --> 00:03:39,680
extraordinary and why is it not ordinary

109
00:03:43,030 --> 00:03:40,480
well

110
00:03:44,470 --> 00:03:43,040
of the pieces that i've seen

111
00:03:46,710 --> 00:03:44,480
um

112
00:03:48,470 --> 00:03:46,720
you know there's the materials that have

113
00:03:49,589 --> 00:03:48,480

supposedly been

114

00:03:51,750 --> 00:03:49,599

dropped

115

00:03:54,070 --> 00:03:51,760

uh from kraft

116

00:03:56,789 --> 00:03:54,080

uh you know they're they're ordinary in

117

00:03:58,710 --> 00:03:56,799

some ways but they're extraordinary from

118

00:04:01,110 --> 00:03:58,720

the standpoint if you ask

119

00:04:03,350 --> 00:04:01,120

why why would somebody as in the case of

120

00:04:07,509 --> 00:04:03,360

the council bluffs incident why would

121

00:04:09,830 --> 00:04:07,519

something drop uh some form of malton

122

00:04:12,830 --> 00:04:09,840

uh metal that has iron and a few other

123

00:04:14,869 --> 00:04:12,840

impurities um as opposed

124

00:04:16,550 --> 00:04:14,879

to uh

125

00:04:19,189 --> 00:04:16,560

anything i mean i i suppose i would say

126

00:04:20,310 --> 00:04:19,199

that anything that you have which is

127

00:04:22,550 --> 00:04:20,320

again

128

00:04:23,749 --> 00:04:22,560

allegedly dropped off of some of these

129

00:04:26,629 --> 00:04:23,759

objects

130

00:04:29,270 --> 00:04:26,639

is in and of itself extraordinary

131

00:04:32,629 --> 00:04:29,280

um because you have to ask the question

132

00:04:33,510 --> 00:04:32,639

okay well what what is it about this

133

00:04:35,830 --> 00:04:33,520

should

134

00:04:38,950 --> 00:04:35,840

the event be real

135

00:04:42,870 --> 00:04:38,960

uh that is somehow linked to the

136

00:04:44,950 --> 00:04:42,880

formation of uh either a power supply or

137

00:04:47,110 --> 00:04:44,960

a propulsion or something else i mean

138

00:04:48,950 --> 00:04:47,120

for all we know it's the side product of

139

00:04:49,909 --> 00:04:48,960

their entertainment system

140

00:04:54,870 --> 00:04:49,919

you know

141

00:04:57,270 --> 00:04:54,880

when you get something like this

142

00:04:58,550 --> 00:04:57,280

you would perhaps like it to be related

143

00:05:00,710 --> 00:04:58,560

to

144

00:05:03,749 --> 00:05:00,720

you know uh something extraordinary

145

00:05:06,550 --> 00:05:03,759

about the the the craft or the object's

146

00:05:09,510 --> 00:05:06,560

mobility or function but it might have a

147

00:05:12,150 --> 00:05:09,520

completely uh side

148

00:05:14,469 --> 00:05:12,160

use that is unrelated to any of the

149

00:05:16,390 --> 00:05:14,479

above

150

00:05:18,390 --> 00:05:16,400

what i find extraordinary particularly

151
00:05:19,510 --> 00:05:18,400
let's say about the council bluffs is

152
00:05:22,150 --> 00:05:19,520
that i know

153
00:05:24,790 --> 00:05:22,160
of at least three other events that are

154
00:05:26,550 --> 00:05:24,800
similar in terms of material that was

155
00:05:29,110 --> 00:05:26,560
dropped and in case

156
00:05:31,749 --> 00:05:29,120
one of them is here in california

157
00:05:33,830 --> 00:05:31,759
uh where the i i haven't had a chance to

158
00:05:36,550 --> 00:05:33,840
analyze it directly but at least

159
00:05:37,590 --> 00:05:36,560
visually it's the same

160
00:05:39,430 --> 00:05:37,600
so

161
00:05:42,150 --> 00:05:39,440
you know when it comes to science when

162
00:05:43,909 --> 00:05:42,160
you have two examples of something

163
00:05:45,990 --> 00:05:43,919

similar it's

164

00:05:47,590 --> 00:05:46,000

more than a coincidence

165

00:05:50,629 --> 00:05:47,600

when you have those kinds of things you

166

00:05:52,390 --> 00:05:50,639

know the other one that is uh

167

00:05:54,870 --> 00:05:52,400

is both uh

168

00:05:56,309 --> 00:05:54,880

extraordinary as well as ordinary

169

00:05:59,110 --> 00:05:56,319

is the

170

00:06:00,870 --> 00:05:59,120

the event uh in trinity that jacques

171

00:06:04,830 --> 00:06:00,880

valet wrote about

172

00:06:07,830 --> 00:06:04,840

and the uh object which was supposedly

173

00:06:09,590 --> 00:06:07,840

taken you know from the from the craft

174

00:06:10,469 --> 00:06:09,600

by these two children

175

00:06:11,510 --> 00:06:10,479

um

176
00:06:13,510 --> 00:06:11,520
that

177
00:06:15,749 --> 00:06:13,520
you know i've had it here at my house

178
00:06:18,309 --> 00:06:15,759
several times with jacques brings it

179
00:06:20,629 --> 00:06:18,319
over and we you know we talk about it we

180
00:06:23,189 --> 00:06:20,639
don't need it because it's

181
00:06:25,430 --> 00:06:23,199
but it's just it's just sort of like a

182
00:06:26,710 --> 00:06:25,440
a point of reference to have it here as

183
00:06:28,309 --> 00:06:26,720
we're talking with a group of other

184
00:06:29,110 --> 00:06:28,319
people about it

185
00:06:31,029 --> 00:06:29,120
um

186
00:06:32,230 --> 00:06:31,039
in that it you know for all intents and

187
00:06:33,189 --> 00:06:32,240
purposes and there's pictures of it on

188
00:06:35,909 --> 00:06:33,199

the web

189

00:06:38,870 --> 00:06:35,919

uh for all intents and purposes it looks

190

00:06:40,309 --> 00:06:38,880

very uh normal and if anything

191

00:06:42,150 --> 00:06:40,319

uh

192

00:06:43,189 --> 00:06:42,160

crafted in a

193

00:06:46,390 --> 00:06:43,199

in a

194

00:06:49,830 --> 00:06:46,400

old style way by a kind of what's called

195

00:06:51,270 --> 00:06:49,840

sand casting of um of molten metal

196

00:06:53,830 --> 00:06:51,280

there's a

197

00:06:54,710 --> 00:06:53,840

a process it's called sand casting i

198

00:06:55,670 --> 00:06:54,720

think

199

00:06:57,830 --> 00:06:55,680

um

200

00:06:59,589 --> 00:06:57,840

and so

201

00:07:02,070 --> 00:06:59,599

you know i either it's

202

00:07:04,550 --> 00:07:02,080

something which was

203

00:07:06,870 --> 00:07:04,560

i mean this is uh speculation on jock's

204

00:07:08,550 --> 00:07:06,880

part at some point is that

205

00:07:10,629 --> 00:07:08,560

you know there was there had been an

206

00:07:13,110 --> 00:07:10,639

actual object on the on the graphic by

207

00:07:15,270 --> 00:07:13,120

the time the that

208

00:07:17,830 --> 00:07:15,280

had been replaced by this thing for some

209

00:07:20,070 --> 00:07:17,840

reason we don't know why but that when

210

00:07:21,830 --> 00:07:20,080

the children came on board it had

211

00:07:23,830 --> 00:07:21,840

already whatever was actually there had

212

00:07:25,430 --> 00:07:23,840

already been removed and then this had

213

00:07:27,670 --> 00:07:25,440

been put there it was the only thing

214

00:07:29,909 --> 00:07:27,680

that they could grab and pull off so

215

00:07:31,430 --> 00:07:29,919

they ran with it so it might have you

216

00:07:33,670 --> 00:07:31,440

know for instance absolutely nothing to

217

00:07:36,070 --> 00:07:33,680

do with the craft itself

218

00:07:38,309 --> 00:07:36,080

or the object itself uh and has been

219

00:07:40,790 --> 00:07:38,319

something that the the

220

00:07:43,830 --> 00:07:40,800

you know for some reason the department

221

00:07:45,909 --> 00:07:43,840

of defense who got there first decided

222

00:07:47,830 --> 00:07:45,919

they just needed to put there as a

223

00:07:50,390 --> 00:07:47,840

placeholder i i don't know

224

00:07:51,990 --> 00:07:50,400

so i mean but it's extraordinary in and

225

00:07:53,909 --> 00:07:52,000

of itself that somebody if they took

226

00:07:54,629 --> 00:07:53,919

something off the craft the dod let's

227

00:07:55,909 --> 00:07:54,639

say

228

00:07:58,309 --> 00:07:55,919

there had been something there they took

229

00:08:00,710 --> 00:07:58,319

something off they felt they had to

230

00:08:03,350 --> 00:08:00,720

replace it with something

231

00:08:04,469 --> 00:08:03,360

if that makes sense so

232

00:08:05,830 --> 00:08:04,479

firstly what do you mean when you said

233

00:08:07,430 --> 00:08:05,840

that we don't need it you said jack

234

00:08:08,309 --> 00:08:07,440

would bring it over but you don't need

235

00:08:14,070 --> 00:08:08,319

it

236

00:08:14,790 --> 00:08:14,080

is what i mean

237

00:08:16,230 --> 00:08:14,800

but

238

00:08:18,869 --> 00:08:16,240

you know

239

00:08:20,070 --> 00:08:18,879

it's just the uh the personalities

240

00:08:22,950 --> 00:08:20,080

involved

241

00:08:24,710 --> 00:08:22,960

like to have it almost like a

242

00:08:26,869 --> 00:08:24,720

a reference point sitting in the middle

243

00:08:29,110 --> 00:08:26,879

of the table as we talk about it

244

00:08:30,629 --> 00:08:29,120

okay and so for those who are unfamiliar

245

00:08:32,790 --> 00:08:30,639

with this story there were two children

246

00:08:34,389 --> 00:08:32,800

who watched a craft crash is that

247

00:08:35,750 --> 00:08:34,399

correct and then there were some beings

248

00:08:37,829 --> 00:08:35,760

and then actually when i was speaking to

249

00:08:39,430 --> 00:08:37,839

jacques which i called him jack before

250

00:08:41,269 --> 00:08:39,440

but jacques we didn't get into what

251
00:08:43,190 --> 00:08:41,279
happened to those aliens what happened

252
00:08:45,990 --> 00:08:43,200
to them

253
00:08:47,750 --> 00:08:46,000
well i mean if you read the book the

254
00:08:49,509 --> 00:08:47,760
um

255
00:08:52,230 --> 00:08:49,519
there was uh

256
00:08:56,230 --> 00:08:52,240
they were observed over the course of uh

257
00:08:58,150 --> 00:08:56,240
several hours as it was uh relayed by

258
00:08:59,590 --> 00:08:58,160
the children um

259
00:09:00,630 --> 00:08:59,600
sort of

260
00:09:02,870 --> 00:09:00,640
uh

261
00:09:05,590 --> 00:09:02,880
walking around outside of the craft in

262
00:09:06,630 --> 00:09:05,600
in a kind of a in a tizzy essentially

263
00:09:11,670 --> 00:09:06,640

frantically

264

00:09:15,750 --> 00:09:13,430

yeah

265

00:09:17,509 --> 00:09:15,760

um

266

00:09:18,870 --> 00:09:17,519

so that in and of itself was was

267

00:09:21,910 --> 00:09:18,880

interesting

268

00:09:24,870 --> 00:09:21,920

and then they were no longer there at

269

00:09:26,550 --> 00:09:24,880

some point at least when the when the um

270

00:09:27,590 --> 00:09:26,560

defense department or the army people

271

00:09:29,110 --> 00:09:27,600

arrived

272

00:09:31,590 --> 00:09:29,120

but there was another

273

00:09:33,750 --> 00:09:31,600

event because the the

274

00:09:35,350 --> 00:09:33,760

the children who took

275

00:09:39,590 --> 00:09:35,360

the

276

00:09:42,630 --> 00:09:39,600

hid it

277

00:09:44,389 --> 00:09:42,640

in a shed as i recall

278

00:09:46,230 --> 00:09:44,399

on their father's property on one of

279

00:09:47,590 --> 00:09:46,240

their father's property

280

00:09:50,470 --> 00:09:47,600

under the floorboards and for some

281

00:09:53,829 --> 00:09:50,480

reason the kids were in there at night

282

00:09:55,190 --> 00:09:53,839

and this is one of the really weird

283

00:10:00,550 --> 00:09:55,200

how do you

284

00:10:03,590 --> 00:10:00,560

a materialistic kind of context that

285

00:10:05,670 --> 00:10:03,600

they said that the

286

00:10:07,910 --> 00:10:05,680

the beings whatever they were

287

00:10:09,829 --> 00:10:07,920

walked through the wall

288

00:10:13,910 --> 00:10:09,839

into the

289

00:10:17,030 --> 00:10:13,920

pointed

290

00:10:19,670 --> 00:10:17,040

towards where the object was

291

00:10:20,630 --> 00:10:19,680

okay well that's strange right first of

292

00:10:22,069 --> 00:10:20,640

all because

293

00:10:24,150 --> 00:10:22,079

to me at least the object looks very

294

00:10:25,670 --> 00:10:24,160

ordinary it looks like it's something

295

00:10:27,829 --> 00:10:25,680

was probably

296

00:10:29,350 --> 00:10:27,839

you know taken from some farm tractor or

297

00:10:30,230 --> 00:10:29,360

something and

298

00:10:32,069 --> 00:10:30,240

you know

299

00:10:34,069 --> 00:10:32,079

uh i would love it if the people would

300

00:10:36,389 --> 00:10:34,079

look online

301

00:10:38,470 --> 00:10:36,399

overlaying an image you know

302

00:10:39,829 --> 00:10:38,480

but no i mean you so overlay the image

303

00:10:42,710 --> 00:10:39,839

yeah and

304

00:10:43,829 --> 00:10:42,720

um you know can anybody identify this

305

00:10:45,910 --> 00:10:43,839

you know they've been things like said

306

00:10:47,750 --> 00:10:45,920

oh this is a piece of of something from

307

00:10:51,269 --> 00:10:47,760

a windmill well that's that's nice

308

00:10:52,630 --> 00:10:51,279

speculation but show me and i would love

309

00:10:54,150 --> 00:10:52,640

for somebody to show me that that's what

310

00:10:56,389 --> 00:10:54,160

it is because

311

00:11:01,269 --> 00:10:56,399

again to me it looks ordinary

312

00:11:03,350 --> 00:11:01,279

um but if it is ordinary then why would

313

00:11:05,750 --> 00:11:03,360

the children say that later the being

314

00:11:07,829 --> 00:11:05,760

seemed to come and point at it as if it

315

00:11:10,230 --> 00:11:07,839

was something important

316

00:11:12,949 --> 00:11:10,240

and it comes back to that thing that

317

00:11:15,590 --> 00:11:12,959

both john keel and

318

00:11:17,030 --> 00:11:15,600

jacques have said is that after these

319

00:11:18,310 --> 00:11:17,040

events occur

320

00:11:20,310 --> 00:11:18,320

there are these

321

00:11:23,269 --> 00:11:20,320

reinforcement

322

00:11:24,949 --> 00:11:23,279

efforts that seem to go on like like the

323

00:11:26,470 --> 00:11:24,959

the men in black show up the day after

324

00:11:27,509 --> 00:11:26,480

and tell you not to do so not to say

325

00:11:29,509 --> 00:11:27,519

something what's going to make you

326

00:11:30,949 --> 00:11:29,519

remember something more

327

00:11:34,069 --> 00:11:30,959

than if somebody shows up and tells you

328

00:11:45,269 --> 00:11:35,190

so

329

00:11:46,710 --> 00:11:45,279

rightfully

330

00:11:49,269 --> 00:11:46,720

and as jacques has said because i think

331

00:11:52,069 --> 00:11:49,279

frankly he's the king of skeptics

332

00:11:54,870 --> 00:11:52,079

um said this is absurd

333

00:11:57,910 --> 00:11:54,880

you know how does it make sense

334

00:11:59,750 --> 00:11:57,920

what do we make from something like this

335

00:12:01,670 --> 00:11:59,760

so anyway that's

336

00:12:03,670 --> 00:12:01,680

those are the two that that i'm most

337

00:12:05,829 --> 00:12:03,680

interested in you know then i guess a

338

00:12:07,350 --> 00:12:05,839

third one would be the the bismuth

339

00:12:08,870 --> 00:12:07,360

material

340

00:12:11,269 --> 00:12:08,880

that hal put off

341

00:12:13,750 --> 00:12:11,279

talks about a lot around the wave guide

342

00:12:16,230 --> 00:12:13,760

um you know i've i i've looked at it and

343

00:12:17,670 --> 00:12:16,240

i have heard both sides of the argument

344

00:12:19,910 --> 00:12:17,680

as to whether it's you know the

345

00:12:22,150 --> 00:12:19,920

byproduct of just a normal human

346

00:12:22,949 --> 00:12:22,160

smelting process versus is it something

347

00:12:25,190 --> 00:12:22,959

real

348

00:12:27,750 --> 00:12:25,200

i i don't know um

349

00:12:29,990 --> 00:12:27,760

so i guess only further testing

350

00:12:33,350 --> 00:12:30,000

will determine there's other materials

351

00:12:35,750 --> 00:12:33,360

like the one from san san augustine uh

352

00:12:37,670 --> 00:12:35,760

that again i have looked at now several

353

00:12:40,230 --> 00:12:37,680

of them not all of them but several of

354

00:12:41,350 --> 00:12:40,240

them and they're completely explainable

355

00:12:43,829 --> 00:12:41,360

and we'll be

356

00:12:45,190 --> 00:12:43,839

publishing some papers on those as well

357

00:12:47,110 --> 00:12:45,200

uh people who think that there's

358

00:12:49,430 --> 00:12:47,120

something called

359

00:12:52,069 --> 00:12:49,440

alien honeycomb it's not

360

00:12:54,150 --> 00:12:52,079

it's something from a 1940s

361

00:12:55,910 --> 00:12:54,160

process and that's if anything a

362

00:12:58,949 --> 00:12:55,920

a bit of a

363

00:13:02,389 --> 00:12:58,959

will we haven't talked about that

364

00:13:05,030 --> 00:13:02,399

publicly but we we know absolutely that

365

00:13:08,790 --> 00:13:05,040

the so-called alien honeycomb is

366

00:13:10,790 --> 00:13:08,800

not it's from a it's from a 1940s uh

367

00:13:12,310 --> 00:13:10,800

standard um

368

00:13:13,829 --> 00:13:12,320

aeronautics

369

00:13:15,509 --> 00:13:13,839

process

370

00:13:16,710 --> 00:13:15,519

do you have any biological samples in

371

00:13:18,230 --> 00:13:16,720

your possession

372

00:13:22,790 --> 00:13:18,240

no

373

00:13:24,629 --> 00:13:22,800

i don't i don't um i was offered some

374

00:13:26,710 --> 00:13:24,639

biological samples these are the some of

375

00:13:29,110 --> 00:13:26,720

the so-called implants

376

00:13:31,030 --> 00:13:29,120

but when i started asking questions

377

00:13:33,430 --> 00:13:31,040

about the um

378

00:13:35,030 --> 00:13:33,440

the provenance of these things i and the

379

00:13:36,389 --> 00:13:35,040

first one was

380

00:13:38,230 --> 00:13:36,399

well where

381

00:13:40,069 --> 00:13:38,240

where's the consent forms from the

382

00:13:43,509 --> 00:13:40,079

patient

383

00:13:45,829 --> 00:13:43,519

right and um because you can't just go

384

00:13:47,269 --> 00:13:45,839

running willy-nilly with pieces of

385

00:13:49,509 --> 00:13:47,279

people's bodies or things out of

386

00:13:51,030 --> 00:13:49,519

people's bodies that first of all don't

387

00:13:52,949 --> 00:13:51,040

have consent forms

388

00:13:55,590 --> 00:13:52,959

uh second of all

389

00:13:57,350 --> 00:13:55,600

uh and that's for both hipaa as well as

390

00:13:58,790 --> 00:13:57,360

as other reasons i'm about to tell you

391

00:13:59,670 --> 00:13:58,800

which is

392

00:14:03,910 --> 00:13:59,680

that

393

00:14:05,829 --> 00:14:03,920

nodule out of somebody's arm

394

00:14:08,389 --> 00:14:05,839

well who's to say it's not cancer did

395

00:14:10,069 --> 00:14:08,399

you send it to a pathologist for review

396

00:14:11,670 --> 00:14:10,079

none of these things were done with most

397

00:14:13,269 --> 00:14:11,680

of these things and i i realized that

398

00:14:15,430 --> 00:14:13,279

the person who realized who took out

399

00:14:16,550 --> 00:14:15,440

some of these things was themselves a

400

00:14:17,829 --> 00:14:16,560

doctor

401
00:14:18,870 --> 00:14:17,839
but they probably should have known

402
00:14:21,750 --> 00:14:18,880
better

403
00:14:24,069 --> 00:14:21,760
you know because if these days something

404
00:14:26,389 --> 00:14:24,079
goes wrong and that person

405
00:14:29,030 --> 00:14:26,399
gets cancer even if it wasn't that thing

406
00:14:30,629 --> 00:14:29,040
wasn't cancer somebody could quite

407
00:14:32,710 --> 00:14:30,639
rightly ask you

408
00:14:36,629 --> 00:14:32,720
did you test that how do you know that

409
00:14:39,110 --> 00:14:36,639
that wasn't uh a initiating cancer and

410
00:14:41,110 --> 00:14:39,120
the person died of a metastasis

411
00:14:43,269 --> 00:14:41,120
so you're at fault

412
00:14:46,949 --> 00:14:43,279
so the materials that i

413
00:14:48,550 --> 00:14:46,959

uh were sent was sent at one point after

414

00:14:50,069 --> 00:14:48,560

i asked that question within a few days

415

00:14:51,350 --> 00:14:50,079

i sent it right back

416

00:14:54,710 --> 00:14:51,360

and said no

417

00:14:56,870 --> 00:14:54,720

i mean would i love to be able to get a

418

00:14:59,189 --> 00:14:56,880

handle on biological materials

419

00:15:01,110 --> 00:14:59,199

absolutely because i can go through all

420

00:15:02,710 --> 00:15:01,120

of the testing that i know how to do in

421

00:15:06,069 --> 00:15:02,720

fact i'm probably better at biological

422

00:15:08,310 --> 00:15:06,079

materials than i am at metals

423

00:15:10,629 --> 00:15:08,320

are you able to test if it's cancer like

424

00:15:14,230 --> 00:15:10,639

you are you able to test now even though

425

00:15:17,590 --> 00:15:16,389

as long as it's been preserved i can't i

426
00:15:19,910 --> 00:15:17,600
sent it back

427
00:15:21,350 --> 00:15:19,920
but you know the other thing is that you

428
00:15:23,910 --> 00:15:21,360
you can't

429
00:15:25,509 --> 00:15:23,920
if i don't have a consent form from the

430
00:15:27,750 --> 00:15:25,519
patient

431
00:15:30,389 --> 00:15:27,760
and in some cases some of these let's

432
00:15:32,310 --> 00:15:30,399
say objects are are so

433
00:15:34,710 --> 00:15:32,320
old if you will

434
00:15:35,829 --> 00:15:34,720
uh that there is no consent form and

435
00:15:38,230 --> 00:15:35,839
then you'd have to go to the family

436
00:15:40,629 --> 00:15:38,240
members to get consent

437
00:15:43,829 --> 00:15:40,639
because the people are public

438
00:15:45,430 --> 00:15:43,839

and often and the names are public

439

00:15:46,870 --> 00:15:45,440

and you know the families might not want

440

00:15:48,710 --> 00:15:46,880

to be besmirched so you know you just

441

00:15:49,990 --> 00:15:48,720

got to be very careful with all of this

442

00:15:52,069 --> 00:15:50,000

stuff

443

00:15:54,550 --> 00:15:52,079

you know and i think i learned it i i

444

00:15:56,550 --> 00:15:54,560

learned this uh most through the the

445

00:15:57,590 --> 00:15:56,560

atacama exercise

446

00:16:00,470 --> 00:15:57,600

um

447

00:16:02,470 --> 00:16:00,480

that even though i didn't think it was

448

00:16:04,550 --> 00:16:02,480

uh

449

00:16:06,470 --> 00:16:04,560

i thought that it was probably like a

450

00:16:09,030 --> 00:16:06,480

monkey or something like that when we

451
00:16:09,990 --> 00:16:09,040
found out conclusively that acaba was

452
00:16:11,509 --> 00:16:10,000
human

453
00:16:14,870 --> 00:16:11,519
well that's when

454
00:16:17,030 --> 00:16:14,880
the ethicists descended and moss

455
00:16:19,590 --> 00:16:17,040
to say well we you should have known

456
00:16:22,389 --> 00:16:19,600
well you didn't know first of all but

457
00:16:24,629 --> 00:16:22,399
secondly um you know

458
00:16:27,749 --> 00:16:24,639
there were no consents from family which

459
00:16:30,870 --> 00:16:27,759
was you know that's right but you know

460
00:16:31,749 --> 00:16:30,880
i i i didn't take the thing and i didn't

461
00:16:33,829 --> 00:16:31,759
uh

462
00:16:35,749 --> 00:16:33,839
i didn't um

463
00:16:37,749 --> 00:16:35,759

know what it was at the beginning but

464

00:16:39,269 --> 00:16:37,759

now people know conclusively and they

465

00:16:42,150 --> 00:16:39,279

can do what they want

466

00:16:44,870 --> 00:16:42,160

with that data and i think give the give

467

00:16:47,110 --> 00:16:44,880

the young girl a proper

468

00:16:49,269 --> 00:16:47,120

resting but that's a whole other issue

469

00:16:52,230 --> 00:16:49,279

altogether but i mean it does tell you

470

00:16:55,910 --> 00:16:52,240

that you know you can walk into areas

471

00:16:58,389 --> 00:16:55,920

thinking you're doing good and uh you

472

00:17:01,910 --> 00:16:58,399

know when you find out the truth if you

473

00:17:03,670 --> 00:17:01,920

will then people will um decide based on

474

00:17:05,909 --> 00:17:03,680

the truth what you should have done even

475

00:17:07,750 --> 00:17:05,919

before you knew it

476
00:17:09,029 --> 00:17:07,760
that's an interesting point walking into

477
00:17:10,549 --> 00:17:09,039
an area thinking that you're doing good

478
00:17:11,750 --> 00:17:10,559
and then realizing the truth and then

479
00:17:13,270 --> 00:17:11,760
realizing you perhaps shouldn't have

480
00:17:14,710 --> 00:17:13,280
walked into that to begin with there's

481
00:17:16,789 --> 00:17:14,720
this question i have about when

482
00:17:18,630 --> 00:17:16,799
someone's encountering the phenomenon

483
00:17:19,990 --> 00:17:18,640
let's imagine this occurs to one of the

484
00:17:22,150 --> 00:17:20,000
people watching

485
00:17:23,669 --> 00:17:22,160
do you have advice given from all that

486
00:17:25,990 --> 00:17:23,679
you know and all of the people you've

487
00:17:28,630 --> 00:17:26,000
spoken to like lou for example should

488
00:17:30,070 --> 00:17:28,640

someone's approach it stay away run away

489

00:17:31,430 --> 00:17:30,080

i would not like someone directly

490

00:17:33,110 --> 00:17:31,440

afterwards should they not wash their

491

00:17:34,310 --> 00:17:33,120

clothing because that's residual

492

00:17:37,270 --> 00:17:34,320

evidence on it

493

00:17:39,990 --> 00:17:37,280

i see i see like a crime scene um well

494

00:17:41,430 --> 00:17:40,000

first thing is i wouldn't approach it

495

00:17:43,350 --> 00:17:41,440

right because you know you don't know

496

00:17:45,029 --> 00:17:43,360

what it is you know just

497

00:17:47,270 --> 00:17:45,039

just because you see a glowing ball of

498

00:17:49,669 --> 00:17:47,280

something doesn't mean it's an alien it

499

00:17:52,470 --> 00:17:49,679

could be bald lightning you know rare as

500

00:17:54,549 --> 00:17:52,480

it is and that could be you know that's

501
00:17:56,870 --> 00:17:54,559
a purely terrestrially explainable

502
00:17:59,029 --> 00:17:56,880
phenomenon at some level and you you

503
00:18:01,990 --> 00:17:59,039
might hurt yourself

504
00:18:03,830 --> 00:18:02,000
so you know and then i i just wouldn't

505
00:18:05,190 --> 00:18:03,840
approach it and i would save everything

506
00:18:06,870 --> 00:18:05,200
that you can

507
00:18:08,950 --> 00:18:06,880
um and

508
00:18:10,549 --> 00:18:08,960
i think writing down your thoughts at

509
00:18:12,710 --> 00:18:10,559
the moment is probably the most

510
00:18:14,549 --> 00:18:12,720
important thing because remembering

511
00:18:16,150 --> 00:18:14,559
things years later

512
00:18:18,230 --> 00:18:16,160
you fill in the gaps

513
00:18:21,190 --> 00:18:18,240

so you know

514

00:18:24,390 --> 00:18:21,200

write it down but also i would also say

515

00:18:25,430 --> 00:18:24,400

don't believe everything you see

516

00:18:26,870 --> 00:18:25,440

right

517

00:18:28,870 --> 00:18:26,880

just because you see something doesn't

518

00:18:30,549 --> 00:18:28,880

mean it's

519

00:18:32,390 --> 00:18:30,559

actually there

520

00:18:34,150 --> 00:18:32,400

you know there's

521

00:18:35,110 --> 00:18:34,160

there are enough stories about people

522

00:18:37,029 --> 00:18:35,120

who feel that these things are

523

00:18:39,590 --> 00:18:37,039

projections

524

00:18:42,710 --> 00:18:39,600

right that uh so maybe something

525

00:18:44,870 --> 00:18:42,720

projected into an individual's mind

526

00:18:48,150 --> 00:18:44,880

again this is all conjecture and i again

527

00:18:50,630 --> 00:18:48,160

i want to warn the various skeptics who

528

00:18:51,350 --> 00:18:50,640

love to write little nasty grams about

529

00:18:52,230 --> 00:18:51,360

me

530

00:18:53,750 --> 00:18:52,240

um

531

00:18:56,470 --> 00:18:53,760

you know i'm not

532

00:18:58,070 --> 00:18:56,480

a born and true believer

533

00:19:35,510 --> 00:18:58,080

i

534

00:19:38,870 --> 00:19:35,520

um john keel and jacques

535

00:19:40,390 --> 00:19:38,880

uh primary theses on this

536

00:19:42,310 --> 00:19:40,400

that it's

537

00:19:45,830 --> 00:19:42,320

you know there's there's an element of

538

00:19:47,110 --> 00:19:45,840

irre irreality to this that has yet to

539

00:19:48,710 --> 00:19:47,120

be understood

540

00:19:51,430 --> 00:19:48,720

it drives me crazy

541

00:19:52,470 --> 00:19:51,440

you know thinking about it um

542

00:19:55,110 --> 00:19:52,480

and

543

00:19:57,590 --> 00:19:55,120

anybody especially with jacques

544

00:19:59,510 --> 00:19:57,600

uh with the background and knowledge

545

00:20:01,669 --> 00:19:59,520

about what it is that that jacques

546

00:20:03,750 --> 00:20:01,679

involves himself with is he's always

547

00:20:04,950 --> 00:20:03,760

looking for what's behind the what's

548

00:20:07,190 --> 00:20:04,960

behind

549

00:20:07,990 --> 00:20:07,200

right that what you're presented

550

00:20:10,470 --> 00:20:08,000

is

551
00:20:12,070 --> 00:20:10,480
um as he often has called it a form of

552
00:20:13,909 --> 00:20:12,080
kabuki theater

553
00:20:16,710 --> 00:20:13,919
right it's it's it's something which is

554
00:20:17,909 --> 00:20:16,720
meant to be an intermediary or a

555
00:20:18,830 --> 00:20:17,919
stand-in

556
00:20:21,909 --> 00:20:18,840
for an

557
00:20:23,510 --> 00:20:21,919
objective right that these beings or

558
00:20:24,710 --> 00:20:23,520
whatever the people claim that is that

559
00:20:26,870 --> 00:20:24,720
they see

560
00:20:29,830 --> 00:20:26,880
aren't necessarily

561
00:20:32,870 --> 00:20:29,840
the the beings or the or the

562
00:20:35,110 --> 00:20:32,880
consciousness as you're interested in

563
00:20:37,029 --> 00:20:35,120

that's actually driving the process that

564

00:20:38,789 --> 00:20:37,039

there's something put there

565

00:20:41,029 --> 00:20:38,799

in the stead of

566

00:20:42,310 --> 00:20:41,039

whatever this higher level consciousness

567

00:20:44,470 --> 00:20:42,320

is

568

00:20:46,149 --> 00:20:44,480

as an intermediary and i had a long

569

00:20:48,470 --> 00:20:46,159

discussion about this i think on the lex

570

00:20:50,230 --> 00:20:48,480

friedman show for people who want to you

571

00:20:51,669 --> 00:20:50,240

know talk about that the whole the the

572

00:20:53,750 --> 00:20:51,679

ants and how do you communicate with

573

00:20:55,350 --> 00:20:53,760

ants right right i'll leave a link to

574

00:20:57,190 --> 00:20:55,360

that in the description

575

00:21:00,390 --> 00:20:57,200

many of the skeptics don't unders well

576
00:21:01,430 --> 00:21:00,400
maybe they understand but for this topic

577
00:21:03,029 --> 00:21:01,440
they don't

578
00:21:05,270 --> 00:21:03,039
they

579
00:21:07,430 --> 00:21:05,280
don't seem to have a handle that science

580
00:21:09,350 --> 00:21:07,440
is contingent on speculation

581
00:21:11,350 --> 00:21:09,360
that it's difficult in some ways the

582
00:21:12,710 --> 00:21:11,360
ground that one stands on as a scientist

583
00:21:14,950 --> 00:21:12,720
because it's difficult to build up from

584
00:21:16,149 --> 00:21:14,960
the atomic rational facts and that one

585
00:21:17,510 --> 00:21:16,159
makes intuitive leaps and they're

586
00:21:19,270 --> 00:21:17,520
inspired by logic but often in

587
00:21:21,270 --> 00:21:19,280
contradiction to it and independent from

588
00:21:23,750 --> 00:21:21,280

it right idea generation is throwing

589

00:21:25,270 --> 00:21:23,760

plenty at the wall and noise will fail

590

00:21:26,870 --> 00:21:25,280

and inventive ideas are generally seen

591

00:21:27,750 --> 00:21:26,880

as outlandish nonsensical initially

592

00:21:29,110 --> 00:21:27,760

anyway

593

00:21:30,710 --> 00:21:29,120

one of the goals with the toe channel

594

00:21:32,070 --> 00:21:30,720

with this channel is to have these

595

00:21:34,390 --> 00:21:32,080

behind the door conversations that

596

00:21:35,990 --> 00:21:34,400

ordinarily occur in academia to be in

597

00:21:38,070 --> 00:21:36,000

front of the monitor so at some point

598

00:21:40,310 --> 00:21:38,080

i'll have on carl firsten and mike 11

599

00:21:41,590 --> 00:21:40,320

who are going to be speculating in real

600

00:21:43,029 --> 00:21:41,600

time

601
00:21:45,029 --> 00:21:43,039
in front of the audience just to show

602
00:21:46,390 --> 00:21:45,039
what it looks like right well it's

603
00:21:47,909 --> 00:21:46,400
absolutely true and you you call out

604
00:21:50,310 --> 00:21:47,919
something and i haven't i've ever

605
00:21:53,110 --> 00:21:50,320
haven't really ever put it that way um

606
00:21:54,149 --> 00:21:53,120
is that the foundation of science

607
00:21:56,549 --> 00:21:54,159
is

608
00:21:58,470 --> 00:21:56,559
as you said pure speculation but i go

609
00:21:59,990 --> 00:21:58,480
only a step further

610
00:22:01,669 --> 00:22:00,000
the foundation of science is built on

611
00:22:03,510 --> 00:22:01,679
fantasy

612
00:22:05,669 --> 00:22:03,520
right that the

613
00:22:07,270 --> 00:22:05,679

the fantasies of how we think the world

614

00:22:10,230 --> 00:22:07,280

is operating

615

00:22:12,390 --> 00:22:10,240

right i mean nobody would have even

616

00:22:13,830 --> 00:22:12,400

and all of our science is almost two to

617

00:22:15,029 --> 00:22:13,840

three thousand years old if you go back

618

00:22:17,190 --> 00:22:15,039

to plato

619

00:22:19,590 --> 00:22:17,200

uh and the greeks and even further back

620

00:22:22,070 --> 00:22:19,600

many other cultures have all contributed

621

00:22:24,789 --> 00:22:22,080

um and and yet none of them understood

622

00:22:27,350 --> 00:22:24,799

that today reality is built up from

623

00:22:29,909 --> 00:22:27,360

these quantum waveforms

624

00:22:31,830 --> 00:22:29,919

right way down at the at the base level

625

00:22:35,190 --> 00:22:31,840

of whatever it is that the universe

626

00:22:38,149 --> 00:22:35,200

really is and so and yet our

627

00:22:41,430 --> 00:22:38,159

our ability to talk about it is all

628

00:22:44,230 --> 00:22:41,440

built on surrogate knowledge

629

00:22:46,310 --> 00:22:44,240

of what is actually really operating and

630

00:22:48,710 --> 00:22:46,320

only as it gets to

631

00:22:51,270 --> 00:22:48,720

an observable level uh do we ever really

632

00:22:54,549 --> 00:22:51,280

talk about what reality is and yet way

633

00:22:55,909 --> 00:22:54,559

down deep is this complex math

634

00:22:59,510 --> 00:22:55,919

that is

635

00:23:01,830 --> 00:22:59,520

is still yet unexp unexplainable

636

00:23:03,590 --> 00:23:01,840

and and so it's

637

00:23:05,830 --> 00:23:03,600

we're building our picture of the world

638

00:23:07,590 --> 00:23:05,840

on a form of a fantasy and and and

639

00:23:09,590 --> 00:23:07,600

science does that

640

00:23:13,270 --> 00:23:09,600

right i mean the

641

00:23:16,630 --> 00:23:13,280

the um as a biologist for instance

642

00:23:18,310 --> 00:23:16,640

we rarely if ever see the things

643

00:23:19,750 --> 00:23:18,320

in their

644

00:23:22,230 --> 00:23:19,760

native form

645

00:23:24,470 --> 00:23:22,240

that we talk about inside of cells

646

00:23:25,669 --> 00:23:24,480

everything is with these surrogate

647

00:23:27,510 --> 00:23:25,679

measurements

648

00:23:31,669 --> 00:23:27,520

i attach something to something else and

649

00:23:34,470 --> 00:23:31,679

when it does this i infer that

650

00:23:36,470 --> 00:23:34,480

and so we make up these ideas about how

651
00:23:38,390 --> 00:23:36,480
it is that nature

652
00:23:41,590 --> 00:23:38,400
is constructed

653
00:23:43,669 --> 00:23:41,600
but it's rarely having seen

654
00:23:46,230 --> 00:23:43,679
what it is that's there and it was

655
00:23:47,510 --> 00:23:46,240
really only you know in say the last 50

656
00:23:49,750 --> 00:23:47,520
or so years

657
00:23:51,190 --> 00:23:49,760
with the advent of things like electron

658
00:23:53,590 --> 00:23:51,200
microscopy

659
00:23:55,269 --> 00:23:53,600
and uh

660
00:23:58,310 --> 00:23:55,279
the determination of protein structures

661
00:23:59,190 --> 00:23:58,320
and other things by by crystallography

662
00:24:01,190 --> 00:23:59,200
that

663
00:24:03,269 --> 00:24:01,200

our fantasies

664

00:24:04,870 --> 00:24:03,279

matched a picture of the reality where

665

00:24:06,630 --> 00:24:04,880

we could actually see the proteins that

666

00:24:09,029 --> 00:24:06,640

we knew were there and they had the

667

00:24:11,669 --> 00:24:09,039

modules and the pieces on them that we

668

00:24:14,230 --> 00:24:11,679

inferred must be operable from other

669

00:24:15,669 --> 00:24:14,240

genetics or other kinds of experiments

670

00:24:18,390 --> 00:24:15,679

and so i think

671

00:24:20,630 --> 00:24:18,400

science is moving towards a more

672

00:24:23,750 --> 00:24:20,640

let's say picture-based

673

00:24:25,590 --> 00:24:23,760

view of the world

674

00:24:28,070 --> 00:24:25,600

but

675

00:24:31,269 --> 00:24:28,080

most of our linguistics around the

676

00:24:33,750 --> 00:24:31,279

discussion of science is still using

677

00:24:35,510 --> 00:24:33,760

the fantasy language of 100 to 200 years

678

00:24:37,750 --> 00:24:35,520

ago

679

00:24:40,230 --> 00:24:37,760

so you have to but you have to come up

680

00:24:42,070 --> 00:24:40,240

with crazy ideas to explain

681

00:24:44,789 --> 00:24:42,080

these i mean we see it every day in my

682

00:24:47,029 --> 00:24:44,799

lab you're like wait how what what's

683

00:24:49,269 --> 00:24:47,039

going on here uh maybe it's this maybe

684

00:24:51,669 --> 00:24:49,279

it's that and and i always tell people

685

00:24:54,230 --> 00:24:51,679

that at least the way that i do it is

686

00:24:56,870 --> 00:24:54,240

that your your best at science when you

687

00:24:59,110 --> 00:24:56,880

can instantly formulate

688

00:25:02,310 --> 00:24:59,120

a whole range

689

00:25:04,710 --> 00:25:02,320

of ideas that might explain it

690

00:25:06,710 --> 00:25:04,720

and everything from you know things that

691

00:25:08,950 --> 00:25:06,720

are potentially real and based on the

692

00:25:11,669 --> 00:25:08,960

experiments you do all the way down to

693

00:25:13,830 --> 00:25:11,679

i jokingly say micro elves running the

694

00:25:15,269 --> 00:25:13,840

universe

695

00:25:17,590 --> 00:25:15,279

but you but you have to be able to keep

696

00:25:20,149 --> 00:25:17,600

all of that in mind

697

00:25:22,310 --> 00:25:20,159

at a moment and then you have to cut

698

00:25:24,789 --> 00:25:22,320

kind of two threshold and in order the

699

00:25:27,350 --> 00:25:24,799

most likely chain of probability that

700

00:25:29,830 --> 00:25:27,360

one is correct or not and i come up with

701
00:25:31,750 --> 00:25:29,840
a couple of thresholds

702
00:25:33,190 --> 00:25:31,760
one threshold is

703
00:25:35,029 --> 00:25:33,200
possible

704
00:25:37,750 --> 00:25:35,039
and then everything below it is you know

705
00:25:40,070 --> 00:25:37,760
yeah okay no there's no micro elves

706
00:25:41,190 --> 00:25:40,080
running the universe um

707
00:25:43,430 --> 00:25:41,200
but then

708
00:25:45,190 --> 00:25:43,440
and everything above it is possible and

709
00:25:48,630 --> 00:25:45,200
then within that you have to be able to

710
00:25:50,870 --> 00:25:48,640
say above this is testable

711
00:25:53,190 --> 00:25:50,880
and in here is this kind of no man's

712
00:25:55,269 --> 00:25:53,200
land of possible

713
00:25:56,470 --> 00:25:55,279

but i don't have the instrumentation yet

714

00:25:58,310 --> 00:25:56,480

to test it

715

00:26:01,029 --> 00:25:58,320

and actually that's the area more often

716

00:26:03,029 --> 00:26:01,039

that personally i like to work

717

00:26:06,070 --> 00:26:03,039

because because we

718

00:26:08,549 --> 00:26:06,080

don't have the means to test something

719

00:26:10,470 --> 00:26:08,559

or and then that's where for instance

720

00:26:11,510 --> 00:26:10,480

i've created a number of companies and

721

00:26:13,350 --> 00:26:11,520

sold them

722

00:26:14,950 --> 00:26:13,360

over the years and it's always been

723

00:26:17,510 --> 00:26:14,960

about

724

00:26:19,110 --> 00:26:17,520

shrinking the size of the untestable

725

00:26:21,190 --> 00:26:19,120

realm

726

00:26:22,870 --> 00:26:21,200

so that we can basically when we come up

727

00:26:25,269 --> 00:26:22,880

with a hypothesis

728

00:26:28,070 --> 00:26:25,279

that's based on materialism of some sort

729

00:26:30,070 --> 00:26:28,080

i can actually see it and that's moved

730

00:26:32,149 --> 00:26:30,080

you know i i mean some of the

731

00:26:34,630 --> 00:26:32,159

instruments in my lab were spun out as

732

00:26:36,470 --> 00:26:34,640

companies and then everybody in the

733

00:26:39,110 --> 00:26:36,480

world in the sciences

734

00:26:39,990 --> 00:26:39,120

in my area uses them uh

735

00:26:41,909 --> 00:26:40,000

and

736

00:26:44,149 --> 00:26:41,919

you know but but i've been focusing

737

00:26:47,909 --> 00:26:44,159

smaller and smaller and smaller down

738

00:26:50,390 --> 00:26:47,919

towards subcellular and now atomic

739

00:26:52,470 --> 00:26:50,400

imaging so

740

00:26:54,630 --> 00:26:52,480

what do you make of the derision from

741

00:26:56,549 --> 00:26:54,640

the skeptics and maybe even scientists

742

00:26:57,830 --> 00:26:56,559

who say well i only follow the data and

743

00:26:59,190 --> 00:26:57,840

extraordinary claims require

744

00:27:00,870 --> 00:26:59,200

extraordinary evidence what's your

745

00:27:02,310 --> 00:27:00,880

response to those statements

746

00:27:04,630 --> 00:27:02,320

um

747

00:27:06,310 --> 00:27:04,640

well my response is well that's if

748

00:27:07,350 --> 00:27:06,320

that's how you want to operate stay in

749

00:27:13,110 --> 00:27:07,360

the caves

750

00:27:14,470 --> 00:27:13,120

going out um into uncharted territory

751
00:27:17,110 --> 00:27:14,480
and uh

752
00:27:17,990 --> 00:27:17,120
you know the the the derision comes i

753
00:27:21,350 --> 00:27:18,000
think

754
00:27:25,909 --> 00:27:21,360
has been made

755
00:27:27,110 --> 00:27:25,919
a potential explanation

756
00:27:30,310 --> 00:27:27,120
for

757
00:27:33,029 --> 00:27:30,320
the data has been offered

758
00:27:35,269 --> 00:27:33,039
um and even when you publish a paper

759
00:27:40,070 --> 00:27:35,279
everybody knows that when you publish a

760
00:27:41,990 --> 00:27:40,080
paper and you state the conclusions

761
00:27:44,230 --> 00:27:42,000
you are stating a formulation of the

762
00:27:46,230 --> 00:27:44,240
observations at a moment in time

763
00:27:47,990 --> 00:27:46,240

fully well realizing that 10 years from

764

00:27:50,389 --> 00:27:48,000

now or 20 years from now what you

765

00:27:52,310 --> 00:27:50,399

thought was x y and z

766

00:27:53,430 --> 00:27:52,320

is actually part of a larger framework

767

00:27:55,830 --> 00:27:53,440

in picture

768

00:27:58,070 --> 00:27:55,840

that uh you can look back and say well

769

00:28:00,149 --> 00:27:58,080

that's not quite the way to look at it

770

00:28:01,590 --> 00:28:00,159

here's how you would think about how

771

00:28:02,789 --> 00:28:01,600

this is operating

772

00:28:04,310 --> 00:28:02,799

so

773

00:28:06,389 --> 00:28:04,320

papers are

774

00:28:10,230 --> 00:28:06,399

although people like to think are

775

00:28:11,669 --> 00:28:10,240

scientists saying this is how things are

776

00:28:13,909 --> 00:28:11,679

even though it comes across that way

777

00:28:15,590 --> 00:28:13,919

often in papers it really is just a

778

00:28:17,750 --> 00:28:15,600

moment in time

779

00:28:20,389 --> 00:28:17,760

that you're planning a flag and you're

780

00:28:22,710 --> 00:28:20,399

going to say okay 10 20 years from now

781

00:28:24,789 --> 00:28:22,720

we might reformulate because new data

782

00:28:27,669 --> 00:28:24,799

has arrived which allows us to put

783

00:28:30,310 --> 00:28:27,679

things in a into a bigger picture

784

00:28:32,870 --> 00:28:30,320

i mean you know this from from physics

785

00:28:35,909 --> 00:28:32,880

you know maxwell's equations on

786

00:28:37,909 --> 00:28:35,919

you know on electricity and uh

787

00:28:38,870 --> 00:28:37,919

and magnetism

788

00:28:41,029 --> 00:28:38,880

um

789

00:28:43,110 --> 00:28:41,039

you know there are formulations of those

790

00:28:45,190 --> 00:28:43,120

these days that

791

00:28:47,029 --> 00:28:45,200

show that you know there's a form of

792

00:28:49,430 --> 00:28:47,039

quantum physics that actually inc that

793

00:28:51,110 --> 00:28:49,440

you can that maxwell's equations fall

794

00:28:53,669 --> 00:28:51,120

out of

795

00:28:56,070 --> 00:28:53,679

but it's a larger the

796

00:28:57,430 --> 00:28:56,080

quantum the the quantum equations are a

797

00:29:00,149 --> 00:28:57,440

larger

798

00:29:03,269 --> 00:29:00,159

picture of reality and that

799

00:29:07,110 --> 00:29:03,279

the maxwell's equations are just a piece

800

00:29:11,350 --> 00:29:08,789

and

801
00:29:15,510 --> 00:29:12,870
the critics actually don't bother me

802
00:29:17,430 --> 00:29:15,520
they you know if anything they make

803
00:29:21,029 --> 00:29:17,440
themselves out to be

804
00:29:23,750 --> 00:29:21,039
uh you know obviously less informed

805
00:29:26,470 --> 00:29:23,760
and it's not my job to convince

806
00:29:28,149 --> 00:29:26,480
the critics in my opinion my job is just

807
00:29:31,269 --> 00:29:28,159
to do the science and get the data out

808
00:29:33,029 --> 00:29:31,279
there and say this data is real now

809
00:29:34,310 --> 00:29:33,039
you help me figure out what it is that

810
00:29:36,470 --> 00:29:34,320
it means

811
00:29:39,430 --> 00:29:36,480
and when data comes out that shows that

812
00:29:41,430 --> 00:29:39,440
something is not what they want it to be

813
00:29:43,909 --> 00:29:41,440

i've i'll be right there

814

00:29:45,750 --> 00:29:43,919

in fact if anything i have disproven

815

00:29:49,269 --> 00:29:45,760

more things in this field

816

00:29:51,269 --> 00:29:49,279

than i've been i have proven to date

817

00:29:52,470 --> 00:29:51,279

you know the atacama the stark house

818

00:29:54,070 --> 00:29:52,480

skull

819

00:29:55,190 --> 00:29:54,080

and a couple of these uh so-called

820

00:29:56,549 --> 00:29:55,200

events

821

00:29:58,710 --> 00:29:56,559

it sounds like you're saying look i

822

00:30:00,230 --> 00:29:58,720

haven't come to conclusions

823

00:30:02,389 --> 00:30:00,240

in fact what you're doing as the

824

00:30:04,070 --> 00:30:02,399

quote-unquote skeptic is coming to a

825

00:30:06,710 --> 00:30:04,080

non-conclusion by saying so-and-so is

826

00:30:08,230 --> 00:30:06,720

not possible or then they may modify and

827

00:30:10,070 --> 00:30:08,240

say well i'm saying so-and-so is not

828

00:30:11,909 --> 00:30:10,080

probable but then the way that i like to

829

00:30:13,350 --> 00:30:11,919

view that is well not like to view that

830

00:30:14,630 --> 00:30:13,360

there's a problem that i can't solve

831

00:30:16,549 --> 00:30:14,640

which is called a reference class

832

00:30:19,029 --> 00:30:16,559

problem which if anyone studies

833

00:30:20,870 --> 00:30:19,039

statistics this comes up it's that how

834

00:30:22,870 --> 00:30:20,880

do you know the probability of some

835

00:30:24,149 --> 00:30:22,880

event so for example if i was to say

836

00:30:25,590 --> 00:30:24,159

well what's the probability that you're

837

00:30:27,190 --> 00:30:25,600

going to die this year and then you

838

00:30:29,430 --> 00:30:27,200

could say well

839

00:30:31,269 --> 00:30:29,440

well it's actually

840

00:30:32,710 --> 00:30:31,279

100 it's 99

841

00:30:34,389 --> 00:30:32,720

and then i say why then you say well if

842

00:30:35,269 --> 00:30:34,399

you look at all the life forms on the

843

00:30:36,630 --> 00:30:35,279

planet

844

00:30:38,230 --> 00:30:36,640

most of them are going to die in the

845

00:30:39,190 --> 00:30:38,240

next year because most of them right so

846

00:30:41,430 --> 00:30:39,200

why are you choosing that as your

847

00:30:43,510 --> 00:30:41,440

reference class so you'd say okay

848

00:30:45,110 --> 00:30:43,520

okay okay so then when someone says well

849

00:30:46,630 --> 00:30:45,120

aliens and so-and-so are now or

850

00:30:48,149 --> 00:30:46,640

extraterrestrial beings or so-and-so are

851

00:30:49,750 --> 00:30:48,159

not possible they're choosing from a

852

00:30:51,669 --> 00:30:49,760

certain reference class and that i don't

853

00:30:53,669 --> 00:30:51,679

know how one justifies that

854

00:30:55,269 --> 00:30:53,679

so even claims of probability that

855

00:30:57,669 --> 00:30:55,279

so-and-so is more profitable or less

856

00:30:59,909 --> 00:30:57,679

probable they're dubious to me

857

00:31:02,549 --> 00:30:59,919

well the the one that always gets me

858

00:31:05,269 --> 00:31:02,559

that just is

859

00:31:07,750 --> 00:31:05,279

shows me how some of the skeptics are

860

00:31:09,909 --> 00:31:07,760

almost knee-jerk about it is this notion

861

00:31:10,870 --> 00:31:09,919

that well if they came from another star

862

00:31:12,789 --> 00:31:10,880

system

863

00:31:14,389 --> 00:31:12,799

um it would have taken them thousands of

864

00:31:16,950 --> 00:31:14,399

years to get here

865

00:31:20,230 --> 00:31:16,960

all right well okay i have two solutions

866

00:31:21,350 --> 00:31:20,240

to that one it's a very old universe

867

00:31:22,149 --> 00:31:21,360

um

868

00:31:24,470 --> 00:31:22,159

two

869

00:31:26,470 --> 00:31:24,480

uh well and in that there's plenty of

870

00:31:28,870 --> 00:31:26,480

time for somebody have to have come here

871

00:31:31,190 --> 00:31:28,880

even by simply conventional means and

872

00:31:33,750 --> 00:31:31,200

that doesn't mean that

873

00:31:36,389 --> 00:31:33,760

the people who created the craft

874

00:31:38,070 --> 00:31:36,399

that got here are the ones that are here

875

00:31:40,470 --> 00:31:38,080

you know if you're advanced enough to be

876

00:31:42,389 --> 00:31:40,480

able to create your own ai

877

00:31:44,710 --> 00:31:42,399

right i mean there's the whole concept

878

00:31:46,310 --> 00:31:44,720

of the von neumann machines you know

879

00:31:47,430 --> 00:31:46,320

this one right the von neumann machine

880

00:31:49,909 --> 00:31:47,440

idea

881

00:31:51,590 --> 00:31:49,919

that you know something arrives makes

882

00:31:53,990 --> 00:31:51,600

more copies of itself

883

00:31:56,630 --> 00:31:54,000

sends those copies off elsewhere and

884

00:31:57,669 --> 00:31:56,640

basically there's this exponential uh

885

00:32:01,110 --> 00:31:57,679

reach

886

00:32:02,950 --> 00:32:01,120

even across you know across galaxies

887

00:32:07,590 --> 00:32:02,960

and what's to say that when such an

888

00:32:08,870 --> 00:32:07,600

object arrives it doesn't construct from

889

00:32:10,070 --> 00:32:08,880

base

890

00:32:11,990 --> 00:32:10,080

processes

891

00:32:14,310 --> 00:32:12,000

uh an egg

892

00:32:16,470 --> 00:32:14,320

that then is then turned into uh

893

00:32:18,870 --> 00:32:16,480

whatever it is that the von neumann

894

00:32:20,149 --> 00:32:18,880

machine is meant to make and then

895

00:32:21,830 --> 00:32:20,159

you know i mean there have been plenty

896

00:32:22,630 --> 00:32:21,840

of science fiction stories written about

897

00:32:25,430 --> 00:32:22,640

this

898

00:32:27,509 --> 00:32:25,440

that and when they get there the ai then

899

00:32:28,470 --> 00:32:27,519

teaches the humans what it is to be a

900

00:32:30,389 --> 00:32:28,480

human

901
00:32:32,789 --> 00:32:30,399
right there's um there's actually one

902
00:32:33,990 --> 00:32:32,799
that's just on netflix right now raised

903
00:32:35,990 --> 00:32:34,000
by wolves

904
00:32:38,630 --> 00:32:36,000
uh it's a british show i think

905
00:32:40,310 --> 00:32:38,640
um it's pretty good

906
00:32:41,350 --> 00:32:40,320
so i mean that's that's one of them and

907
00:32:42,950 --> 00:32:41,360
then second

908
00:32:45,430 --> 00:32:42,960
it it assumes that we know everything

909
00:32:47,750 --> 00:32:45,440
about the laws of physics

910
00:32:49,509 --> 00:32:47,760
right this notion that okay well they

911
00:32:51,430 --> 00:32:49,519
are somehow

912
00:32:54,149 --> 00:32:51,440
as you in your terminology they are

913
00:32:55,590 --> 00:32:54,159

bound by our reference frame

914

00:32:57,830 --> 00:32:55,600

and uh

915

00:32:59,990 --> 00:32:57,840

that our our reference is

916

00:33:02,230 --> 00:33:00,000

uh the current laws of understanding of

917

00:33:04,389 --> 00:33:02,240

you know e equals mc^2

918

00:33:06,549 --> 00:33:04,399

uh and you know whatever somebody else

919

00:33:08,710 --> 00:33:06,559

has different math

920

00:33:10,389 --> 00:33:08,720

right and so if one was going by

921

00:33:12,470 --> 00:33:10,399

if one was choosing the reference class

922

00:33:14,310 --> 00:33:12,480

to be well look every 60 years or so in

923

00:33:15,830 --> 00:33:14,320

physics our formulation of physics is

924

00:33:18,149 --> 00:33:15,840

drastically overturned or let's say

925

00:33:20,630 --> 00:33:18,159

every 80 years yeah so then and we're

926
00:33:22,230 --> 00:33:20,640
assuming these beings if they're beings

927
00:33:23,110 --> 00:33:22,240
are far greater than 80 years ahead of

928
00:33:25,269 --> 00:33:23,120
us well

929
00:33:26,630 --> 00:33:25,279
right we impose that they have the same

930
00:33:28,310 --> 00:33:26,640
understanding of physics

931
00:33:29,990 --> 00:33:28,320
also it's false to say that from the

932
00:33:31,830 --> 00:33:30,000
nearest star system it takes thousands

933
00:33:33,350 --> 00:33:31,840
of years to come to us they can come to

934
00:33:34,870 --> 00:33:33,360
us or someone can come to us with

935
00:33:36,710 --> 00:33:34,880
special relativity almost

936
00:33:38,389 --> 00:33:36,720
instantaneously it's just that thousands

937
00:33:39,990 --> 00:33:38,399
of as far as they're concerned yeah

938
00:33:40,789 --> 00:33:40,000

right right in their reference frame

939

00:33:43,590 --> 00:33:40,799

right

940

00:33:46,710 --> 00:33:43,600

in december of in a few months ago

941

00:33:48,789 --> 00:33:46,720

december 2021 diana posalka said on

942

00:33:50,070 --> 00:33:48,799

calling all beings that it's a podcast

943

00:33:51,430 --> 00:33:50,080

which i'll leave a link to that in the

944

00:33:53,430 --> 00:33:51,440

description that you wanted to create a

945

00:33:54,789 --> 00:33:53,440

drug that interfaces with the phenomenon

946

00:33:57,110 --> 00:33:54,799

on our terms

947

00:33:59,430 --> 00:33:57,120

what was she referring to

948

00:34:02,470 --> 00:33:59,440

um i think she was referring to some

949

00:34:04,549 --> 00:34:02,480

comments i had made about

950

00:34:07,110 --> 00:34:04,559

you know my frustration

951
00:34:09,589 --> 00:34:07,120
listening to experiencers

952
00:34:12,310 --> 00:34:09,599
uh and actually having some experiences

953
00:34:13,190 --> 00:34:12,320
in in my immediate family

954
00:34:13,680 --> 00:34:13,200
um

955
00:34:15,109 --> 00:34:13,690
who

956
00:34:17,430 --> 00:34:15,119
[Music]

957
00:34:20,310 --> 00:34:17,440
had no control over

958
00:34:21,190 --> 00:34:20,320
the events that were occurring to them

959
00:34:22,550 --> 00:34:21,200
um

960
00:34:24,790 --> 00:34:22,560
and you know there's many many many

961
00:34:28,869 --> 00:34:24,800
examples of this in the literature

962
00:34:31,510 --> 00:34:28,879
uh and i i

963
00:34:33,030 --> 00:34:31,520

if you imagine that whatever this

964

00:34:35,510 --> 00:34:33,040

is

965

00:34:38,550 --> 00:34:35,520

has to

966

00:34:40,629 --> 00:34:38,560

communicate with humans through

967

00:34:41,909 --> 00:34:40,639

somehow our sensory apparatus in our

968

00:34:43,109 --> 00:34:41,919

brain

969

00:34:45,270 --> 00:34:43,119

whether it's

970

00:34:47,510 --> 00:34:45,280

you know directly

971

00:34:49,270 --> 00:34:47,520

if it's sound based well then there's no

972

00:34:50,389 --> 00:34:49,280

drug for that but if it's somehow coming

973

00:34:51,430 --> 00:34:50,399

inside

974

00:34:53,430 --> 00:34:51,440

through

975

00:34:55,190 --> 00:34:53,440

the sensory apparatus i used the term

976

00:34:57,829 --> 00:34:55,200

telefactoring

977

00:34:57,839 --> 00:35:00,630

that

978

00:35:06,550 --> 00:35:03,910

if it's interfering with us in some way

979

00:35:08,230 --> 00:35:06,560

why couldn't we make if we understand

980

00:35:09,829 --> 00:35:08,240

enough about how the interference is

981

00:35:12,710 --> 00:35:09,839

being generated

982

00:35:15,270 --> 00:35:12,720

maybe there's a drug to stop us

983

00:35:16,470 --> 00:35:15,280

or to prevent that from occurring you'd

984

00:35:17,750 --> 00:35:16,480

i mean there's a lot of science that

985

00:35:19,109 --> 00:35:17,760

have to be done around something like

986

00:35:21,750 --> 00:35:19,119

that and i'm not saying

987

00:35:23,030 --> 00:35:21,760

it's doable tomorrow or

988

00:35:24,230 --> 00:35:23,040

anything like that

989

00:35:25,990 --> 00:35:24,240

uh but

990

00:35:28,069 --> 00:35:26,000

um

991

00:35:30,630 --> 00:35:28,079

the the notion is for the people who

992

00:35:31,710 --> 00:35:30,640

feel that they are

993

00:35:33,589 --> 00:35:31,720

being

994

00:35:36,310 --> 00:35:33,599

inappropriately

995

00:35:38,230 --> 00:35:36,320

interacted with give them the ability to

996

00:35:40,150 --> 00:35:38,240

turn it off you know it makes you wonder

997

00:35:41,589 --> 00:35:40,160

sometimes again this pure speculation

998

00:35:43,750 --> 00:35:41,599

makes you wonder sometimes whether

999

00:35:45,030 --> 00:35:43,760

people who are in mental health

1000

00:35:46,069 --> 00:35:45,040

facilities

1001
00:35:48,390 --> 00:35:46,079
today

1002
00:35:49,190 --> 00:35:48,400
so-called schizophrenics or what have

1003
00:35:50,470 --> 00:35:49,200
you

1004
00:35:52,390 --> 00:35:50,480
um who

1005
00:35:54,069 --> 00:35:52,400
can't seem to function properly in

1006
00:35:57,109 --> 00:35:54,079
normal society

1007
00:35:59,670 --> 00:35:57,119
how many of them have such

1008
00:36:01,990 --> 00:35:59,680
again speculation

1009
00:36:03,910 --> 00:36:02,000
have these continued interactions they

1010
00:36:05,670 --> 00:36:03,920
just can't turn them off it would drive

1011
00:36:08,870 --> 00:36:05,680
you crazy if some if you constantly

1012
00:36:13,030 --> 00:36:10,790
i i just bought a t-shirt by the way

1013
00:36:15,510 --> 00:36:13,040

that's really fun i found it online

1014

00:36:18,230 --> 00:36:15,520

it said the voices are back

1015

00:36:22,470 --> 00:36:20,710

that's freaky well i had some experience

1016

00:36:24,069 --> 00:36:22,480

i won't go into it here and it's not a

1017

00:36:26,069 --> 00:36:24,079

phenomena well maybe i don't think it's

1018

00:36:27,910 --> 00:36:26,079

a phenomenon experience where i had to

1019

00:36:31,270 --> 00:36:27,920

go to the i had to send myself to the

1020

00:36:33,670 --> 00:36:31,280

hospital because i was typing and then i

1021

00:36:35,109 --> 00:36:33,680

wasn't typing and something said to me

1022

00:36:36,630 --> 00:36:35,119

yeah you're you thought you were the one

1023

00:36:38,470 --> 00:36:36,640

that was in control and it was using my

1024

00:36:40,230 --> 00:36:38,480

fingers whatever it was and i was

1025

00:36:42,310 --> 00:36:40,240

freaking the heck and then it said maybe

1026

00:36:44,630 --> 00:36:42,320

the crazy ones aren't crazy

1027

00:36:46,630 --> 00:36:44,640

inferring implying sorry that so that

1028

00:36:49,190 --> 00:36:46,640

that happened to you yeah yeah and that

1029

00:36:50,390 --> 00:36:49,200

was and and i was

1030

00:37:16,470 --> 00:36:50,400

i

1031

00:37:18,550 --> 00:37:16,480

so please just just treat me calmly and

1032

00:37:19,829 --> 00:37:18,560

nicely because i'm in a sensitive state

1033

00:37:21,589 --> 00:37:19,839

right now and then they just looked at

1034

00:37:23,109 --> 00:37:21,599

me like okay all right let's let's just

1035

00:37:24,630 --> 00:37:23,119

wait until the

1036

00:37:27,270 --> 00:37:24,640

to the right let's get to

1037

00:37:29,589 --> 00:37:27,280

the paramedics come yeah and since then

1038

00:37:31,190 --> 00:37:29,599

i i almost never use the word crazy to

1039

00:37:33,430 --> 00:37:31,200

refer to someone yeah i think that

1040

00:37:35,990 --> 00:37:33,440

that's a word of condescension and it

1041

00:37:38,230 --> 00:37:36,000

also automatically and autumn it also

1042

00:37:40,390 --> 00:37:38,240

implies that one has that their frame is

1043

00:37:42,069 --> 00:37:40,400

the correct frame and then it also

1044

00:37:44,470 --> 00:37:42,079

triggers me i'm hypersensitive to this

1045

00:37:45,990 --> 00:37:44,480

to think about what the heck is reality

1046

00:37:47,190 --> 00:37:46,000

and for this line of work that i'm doing

1047

00:37:49,349 --> 00:37:47,200

right now

1048

00:37:50,470 --> 00:37:49,359

that's all i do and so i've had to

1049

00:37:52,470 --> 00:37:50,480

actually

1050

00:37:54,390 --> 00:37:52,480

stop studying consciousness for a little

1051
00:37:57,270 --> 00:37:54,400
while because it was putting me into an

1052
00:37:59,270 --> 00:37:57,280
extremely horrible horrible horrible

1053
00:38:01,510 --> 00:37:59,280
state and i think that anyone who thinks

1054
00:38:03,910 --> 00:38:01,520
about consciousness or ufos even or the

1055
00:38:05,430 --> 00:38:03,920
phenomena and takes it seriously that i

1056
00:38:08,470 --> 00:38:05,440
don't know how they don't send

1057
00:38:10,470 --> 00:38:08,480
themselves into a a spiral of yeah an

1058
00:38:13,270 --> 00:38:10,480
unhealthy spiral well i think that's a

1059
00:38:15,349 --> 00:38:13,280
really interesting point because

1060
00:38:18,150 --> 00:38:15,359
you know i i have again some friends who

1061
00:38:20,870 --> 00:38:18,160
are who get so deeply into this that

1062
00:38:21,750 --> 00:38:20,880
they do i worry sometimes if they're not

1063
00:38:23,030 --> 00:38:21,760

just

1064

00:38:26,630 --> 00:38:23,040

you know

1065

00:38:29,190 --> 00:38:26,640

creating a a mental world for themselves

1066

00:38:31,670 --> 00:38:29,200

of of true fantasy

1067

00:38:32,950 --> 00:38:31,680

and so sometimes just get back out into

1068

00:38:35,349 --> 00:38:32,960

the real world

1069

00:38:36,230 --> 00:38:35,359

um and again don't

1070

00:38:38,790 --> 00:38:36,240

don't

1071

00:38:42,069 --> 00:38:38,800

follow it

1072

00:38:43,349 --> 00:38:42,079

down the rabbit hole uh because you can

1073

00:38:46,550 --> 00:38:43,359

very easily

1074

00:38:48,950 --> 00:38:46,560

as you say uh you can you can create the

1075

00:38:51,270 --> 00:38:48,960

problem for yourself that has

1076

00:38:52,470 --> 00:38:51,280

it's only going on in your head

1077

00:38:55,030 --> 00:38:52,480

um

1078

00:38:56,710 --> 00:38:55,040

you know i i had i'll just say this this

1079

00:38:58,950 --> 00:38:56,720

is something i haven't talked about ever

1080

00:39:01,270 --> 00:38:58,960

publicly before i had an experience in

1081

00:39:02,710 --> 00:39:01,280

london once

1082

00:39:03,589 --> 00:39:02,720

um

1083

00:39:05,829 --> 00:39:03,599

that

1084

00:39:07,670 --> 00:39:05,839

i still don't understand to this day it

1085

00:39:08,950 --> 00:39:07,680

was like you know

1086

00:39:10,630 --> 00:39:08,960

i don't know why this always happens at

1087

00:39:12,630 --> 00:39:10,640

three o'clock in the morning

1088

00:39:15,030 --> 00:39:12,640

it's hilarious but

1089

00:39:18,230 --> 00:39:15,040

for a lot of people um

1090

00:39:19,589 --> 00:39:18,240

and i woke up and my whole body was just

1091

00:39:21,829 --> 00:39:19,599

pulsing

1092

00:39:23,990 --> 00:39:21,839

and with like some sort of electric fire

1093

00:39:25,030 --> 00:39:24,000

like nothing i'd ever felt before

1094

00:39:26,790 --> 00:39:25,040

um

1095

00:39:29,430 --> 00:39:26,800

and it

1096

00:39:33,190 --> 00:39:29,440

feel it and but hear it hear it and feel

1097

00:39:35,030 --> 00:39:33,200

it from the tip of my toes to my fingers

1098

00:39:38,470 --> 00:39:35,040

whole body um

1099

00:39:41,030 --> 00:39:38,480

and right as i woke up

1100

00:39:43,430 --> 00:39:41,040

it wasn't even words it was more like a

1101
00:39:45,349 --> 00:39:43,440
but it was clear it was

1102
00:39:48,710 --> 00:39:45,359
the words

1103
00:39:53,990 --> 00:39:51,510
and it went on for about 15 seconds

1104
00:39:57,750 --> 00:39:54,000
and then i just said whatever stop this

1105
00:40:04,309 --> 00:39:58,630
and

1106
00:40:05,829 --> 00:40:04,319
so i was clearly awake i had control

1107
00:40:08,470 --> 00:40:05,839
over it

1108
00:40:10,790 --> 00:40:08,480
but again this where did this voice come

1109
00:40:13,030 --> 00:40:10,800
from i mean maybe it was a dream

1110
00:40:14,950 --> 00:40:13,040
you know the voice was a dream voice of

1111
00:40:17,510 --> 00:40:14,960
some sort but the feeling was not i'd

1112
00:40:20,790 --> 00:40:17,520
never had any feeling like that before

1113
00:40:22,870 --> 00:40:20,800

um and uh interestingly the next evening

1114

00:40:25,430 --> 00:40:22,880

it happened again at about the same time

1115

00:40:26,550 --> 00:40:25,440

but only a very fractional

1116

00:40:28,390 --> 00:40:26,560

um

1117

00:40:29,990 --> 00:40:28,400

sense of it

1118

00:40:31,510 --> 00:40:30,000

you know so i asked actually i came back

1119

00:40:32,710 --> 00:40:31,520

and i asked jack said what what what

1120

00:40:34,230 --> 00:40:32,720

could that have been and he said well

1121

00:40:35,589 --> 00:40:34,240

maybe it was a kundalini event or

1122

00:40:38,230 --> 00:40:35,599

something less i went right about

1123

00:40:40,710 --> 00:40:38,240

kundalini never heard of it before uh it

1124

00:40:43,030 --> 00:40:40,720

didn't seem to match any of that

1125

00:40:46,230 --> 00:40:43,040

um but it was it was

1126

00:40:48,230 --> 00:40:46,240

an experience if you will that i can't

1127

00:40:50,870 --> 00:40:48,240

explain might be have a completely

1128

00:40:52,150 --> 00:40:50,880

normal physiologic basis i spoke to i

1129

00:40:54,950 --> 00:40:52,160

mean my next-door neighbor is the

1130

00:40:56,950 --> 00:40:54,960

chairman of psychiatry at stanford and

1131

00:40:59,430 --> 00:40:56,960

so she sees everything

1132

00:41:01,910 --> 00:40:59,440

um and i spoke with her

1133

00:41:03,829 --> 00:41:01,920

yes he's useful and uh

1134

00:41:05,670 --> 00:41:03,839

and uh so

1135

00:41:07,349 --> 00:41:05,680

uh she says no that doesn't fall into

1136

00:41:08,550 --> 00:41:07,359

any of the frameworks of things that we

1137

00:41:10,470 --> 00:41:08,560

hear about

1138

00:41:12,710 --> 00:41:10,480

that's not what you want to hear exactly

1139

00:41:14,309 --> 00:41:12,720

i was like damn i just i maybe you just

1140

00:41:15,510 --> 00:41:14,319

told me i ate too much indian food or

1141

00:41:17,349 --> 00:41:15,520

something

1142

00:41:19,270 --> 00:41:17,359

which i do when i go to london a lot

1143

00:41:21,750 --> 00:41:19,280

first thing i do is i head to the i head

1144

00:41:23,510 --> 00:41:21,760

to the indian restaurants um and so you

1145

00:41:24,870 --> 00:41:23,520

should ask them

1146

00:41:25,750 --> 00:41:24,880

yeah

1147

00:41:27,750 --> 00:41:25,760

well they might have a different

1148

00:41:30,069 --> 00:41:27,760

explanation for it right i mean you know

1149

00:41:34,309 --> 00:41:30,079

the the the mystics and and

1150

00:41:37,109 --> 00:41:34,319

yogis of india i think are at the at the

1151

00:41:39,349 --> 00:41:37,119

root of many of these um

1152

00:41:41,430 --> 00:41:39,359

uh i don't know the these stories

1153

00:41:44,470 --> 00:41:41,440

they're they're probably the most

1154

00:41:47,829 --> 00:41:44,480

sophisticated i would say of the shamans

1155

00:41:50,069 --> 00:41:47,839

who have explored uh

1156

00:41:53,510 --> 00:41:50,079

uh you know that in in an almost

1157

00:41:57,349 --> 00:41:55,750

have you found that any of the people

1158

00:41:59,430 --> 00:41:57,359

who have experienced the phenomena

1159

00:42:00,870 --> 00:41:59,440

recall people who are familiar with you

1160

00:42:02,470 --> 00:42:00,880

know about the caudate and the putamen

1161

00:42:03,670 --> 00:42:02,480

and there's certain connections

1162

00:42:04,950 --> 00:42:03,680

okay that

1163

00:42:06,790 --> 00:42:04,960

that to me implies that for the people

1164

00:42:09,190 --> 00:42:06,800

who don't have those connections if they

1165

00:42:10,870 --> 00:42:09,200

were standing next to the other

1166

00:42:12,390 --> 00:42:10,880

people that they wouldn't experience the

1167

00:42:13,990 --> 00:42:12,400

phenomena if it was purely some

1168

00:42:16,230 --> 00:42:14,000

projection that only right class of

1169

00:42:18,790 --> 00:42:16,240

people right have you heard of cases

1170

00:42:19,510 --> 00:42:18,800

like that yes yeah yeah i mean jacques

1171

00:42:21,430 --> 00:42:19,520

will

1172

00:42:23,030 --> 00:42:21,440

probably be the better person to

1173

00:42:24,790 --> 00:42:23,040

talk to about it because he knows them

1174

00:42:26,230 --> 00:42:24,800

specifically but yeah there's there's

1175

00:42:28,470 --> 00:42:26,240

several cases where people will see

1176
00:42:30,390 --> 00:42:28,480
something that the other person doesn't

1177
00:42:31,750 --> 00:42:30,400
um and actually let me tell you talk a

1178
00:42:32,550 --> 00:42:31,760
little bit about that about that caudate

1179
00:42:34,150 --> 00:42:32,560
thing

1180
00:42:35,990 --> 00:42:34,160
um because

1181
00:42:37,190 --> 00:42:36,000
you know we've now we've published one

1182
00:42:39,430 --> 00:42:37,200
paper with the group at harvard and

1183
00:42:42,069 --> 00:42:39,440
we've got another one that is coming out

1184
00:42:44,950 --> 00:42:42,079
uh that once again

1185
00:42:46,230 --> 00:42:44,960
uh the caudate pataman basal ganglia is

1186
00:42:48,630 --> 00:42:46,240
at the core

1187
00:42:50,309 --> 00:42:48,640
of uh many of the

1188
00:42:52,550 --> 00:42:50,319

let's say the more mainstream things

1189

00:42:54,710 --> 00:42:52,560

that we were claiming even before we had

1190

00:42:57,430 --> 00:42:54,720

our first publication that the caudate

1191

00:43:01,510 --> 00:42:57,440

is the basically is a central node

1192

00:43:03,109 --> 00:43:01,520

involved in intuitive and uh other um

1193

00:43:06,309 --> 00:43:03,119

well crystallized

1194

00:43:08,550 --> 00:43:06,319

and um fluid intelligence

1195

00:43:09,829 --> 00:43:08,560

and so even though kit and i had sort of

1196

00:43:12,470 --> 00:43:09,839

come to this conclusion that it was

1197

00:43:14,870 --> 00:43:12,480

involved with intuition and we intuited

1198

00:43:16,950 --> 00:43:14,880

it that it was involved with intuition

1199

00:43:18,710 --> 00:43:16,960

when you dive into the literature

1200

00:43:21,910 --> 00:43:18,720

you find

1201
00:43:24,550 --> 00:43:21,920
we found easily now dozens of papers

1202
00:43:26,790 --> 00:43:24,560
that others have done from completely

1203
00:43:28,630 --> 00:43:26,800
mainstream points of view that show the

1204
00:43:29,670 --> 00:43:28,640
caudate is

1205
00:43:32,309 --> 00:43:29,680
key

1206
00:43:34,870 --> 00:43:32,319
to i mean this tiny little thing inside

1207
00:43:36,790 --> 00:43:34,880
of your brain this giant brain and this

1208
00:43:39,829 --> 00:43:36,800
key little thing in the in the center is

1209
00:43:41,510 --> 00:43:39,839
sort of like the node

1210
00:43:42,950 --> 00:43:41,520
what we've also done now is we've been

1211
00:43:45,589 --> 00:43:42,960
doing uh

1212
00:43:47,750 --> 00:43:45,599
what you would call morphometrics

1213
00:43:48,710 --> 00:43:47,760

so we've taken the mris of people's

1214

00:43:51,990 --> 00:43:48,720

brains

1215

00:43:53,030 --> 00:43:52,000

we've uh basically you can use that to

1216

00:43:54,870 --> 00:43:53,040

basically

1217

00:43:57,190 --> 00:43:54,880

circle the areas of the brain that

1218

00:43:58,550 --> 00:43:57,200

people have recognized before here's the

1219

00:44:01,109 --> 00:43:58,560

thalamus

1220

00:44:02,630 --> 00:44:01,119

pataman you know all these various

1221

00:44:05,109 --> 00:44:02,640

parts of the brain

1222

00:44:08,069 --> 00:44:05,119

um we can get the size the volume the

1223

00:44:11,990 --> 00:44:08,079

densities we can even get with the right

1224

00:44:15,670 --> 00:44:12,000

uh kind of mri you can get what's called

1225

00:44:18,950 --> 00:44:15,680

tensorflow which is really uh the the

1226

00:44:21,750 --> 00:44:18,960

the tracts between brain regions that

1227

00:44:23,910 --> 00:44:21,760

are uh basically the cables that connect

1228

00:44:26,069 --> 00:44:23,920

the various regions

1229

00:44:28,230 --> 00:44:26,079

and because we we

1230

00:44:31,510 --> 00:44:28,240

you know in biology that there's that

1231

00:44:34,390 --> 00:44:31,520

there's always a give and take across a

1232

00:44:37,030 --> 00:44:34,400

system right that if one thing is is

1233

00:44:39,030 --> 00:44:37,040

doing something and it's it's bigger

1234

00:44:41,670 --> 00:44:39,040

because of it there'll be a compensation

1235

00:44:44,470 --> 00:44:41,680

elsewhere in the system and that it's

1236

00:44:46,309 --> 00:44:44,480

the parts all playing together

1237

00:44:47,349 --> 00:44:46,319

that create the function

1238

00:44:55,109 --> 00:44:47,359

no

1239

00:44:57,910 --> 00:44:55,119

uh for let's say uh driving the process

1240

00:45:01,349 --> 00:44:57,920

overall but there's no one thing alone

1241

00:45:04,069 --> 00:45:01,359

and so using this notion of networks

1242

00:45:05,910 --> 00:45:04,079

we've now been able to see show that

1243

00:45:08,390 --> 00:45:05,920

well it's not just the caudate there's

1244

00:45:09,910 --> 00:45:08,400

an area over here that when this is

1245

00:45:11,750 --> 00:45:09,920

large or small

1246

00:45:13,270 --> 00:45:11,760

this compensates

1247

00:45:16,550 --> 00:45:13,280

so a person

1248

00:45:20,470 --> 00:45:16,560

you know this focus only on the caudate

1249

00:45:22,870 --> 00:45:20,480

is again this is now a reinterpretation

1250

00:45:25,270 --> 00:45:22,880

of a flag in the sand because of what we

1251
00:45:26,870 --> 00:45:25,280
could do four years ago versus what we

1252
00:45:28,470 --> 00:45:26,880
can do today

1253
00:45:30,950 --> 00:45:28,480
now today

1254
00:45:33,510 --> 00:45:30,960
we can look at the whole brain

1255
00:45:36,309 --> 00:45:33,520
automate what we call the segmentation

1256
00:45:40,309 --> 00:45:36,319
of the of the brain

1257
00:45:48,069 --> 00:45:43,910
so um when kit did the analysis

1258
00:45:51,030 --> 00:45:48,079
originally he did it by hand and he did

1259
00:45:53,990 --> 00:45:51,040
it double blinded with another um with

1260
00:45:57,670 --> 00:45:54,000
another uh forensic pathologist

1261
00:45:59,910 --> 00:45:57,680
a neurophysiology forensic pathologist

1262
00:46:02,470 --> 00:45:59,920
um and he basically said okay well

1263
00:46:03,910 --> 00:46:02,480

here's the area that has the higher

1264

00:46:07,190 --> 00:46:03,920

density

1265

00:46:09,589 --> 00:46:07,200

um and he basically like it it's hard

1266

00:46:10,390 --> 00:46:09,599

enough to figure out what the area in 2d

1267

00:46:13,670 --> 00:46:10,400

is

1268

00:46:15,990 --> 00:46:13,680

uh but to basically do that in 3d you

1269

00:46:18,309 --> 00:46:16,000

know on a computer screen where you're

1270

00:46:19,190 --> 00:46:18,319

drawing volumes and

1271

00:46:22,710 --> 00:46:19,200

things

1272

00:46:24,630 --> 00:46:22,720

that's that's a very manual process

1273

00:46:26,230 --> 00:46:24,640

and obviously going to be subject to

1274

00:46:28,710 --> 00:46:26,240

bias

1275

00:46:30,950 --> 00:46:28,720

right and so you try to know

1276

00:46:33,030 --> 00:46:30,960

you you make sure that the person who's

1277

00:46:34,790 --> 00:46:33,040

doing the measurements doesn't know what

1278

00:46:37,030 --> 00:46:34,800

it is that they're measuring in other

1279

00:46:39,670 --> 00:46:37,040

words are they from a control group or

1280

00:46:42,069 --> 00:46:39,680

are they from the experimenter or high

1281

00:46:44,069 --> 00:46:42,079

functioning group that you think so you

1282

00:46:46,870 --> 00:46:44,079

want to take the person out

1283

00:46:48,790 --> 00:46:46,880

so then we built artificial intelligence

1284

00:46:52,470 --> 00:46:48,800

uh algorithms

1285

00:46:54,309 --> 00:46:52,480

that uh would basically scan the brain

1286

00:46:57,829 --> 00:46:54,319

find the volumes

1287

00:47:00,069 --> 00:46:57,839

segment means draw a circle around

1288

00:47:01,670 --> 00:47:00,079

them and i have experience with this in

1289

00:47:03,990 --> 00:47:01,680

our cancer work where we do this kind of

1290

00:47:05,349 --> 00:47:04,000

segmentation all the time in 2d one of

1291

00:47:06,950 --> 00:47:05,359

my companies two of my companies

1292

00:47:08,950 --> 00:47:06,960

actually are

1293

00:47:11,990 --> 00:47:08,960

you know basically

1294

00:47:13,910 --> 00:47:12,000

create biopsy images with a kind of

1295

00:47:16,470 --> 00:47:13,920

biological depth that allows us to do

1296

00:47:18,950 --> 00:47:16,480

segmentation of the cells and into

1297

00:47:21,990 --> 00:47:18,960

regions and neighborhoods and things so

1298

00:47:22,790 --> 00:47:22,000

we're taking the same thing now up to 3d

1299

00:47:24,950 --> 00:47:22,800

um

1300

00:47:28,390 --> 00:47:24,960

so automate the segmentation means now

1301

00:47:30,710 --> 00:47:28,400

we can basically take 200 patients

1302

00:47:32,710 --> 00:47:30,720

run it in the program overnight

1303

00:47:34,069 --> 00:47:32,720

and get all the segmentation volumes out

1304

00:47:36,710 --> 00:47:34,079

the next day

1305

00:47:38,470 --> 00:47:36,720

i mean previously it took kit and his

1306

00:47:40,309 --> 00:47:38,480

you know his colleague

1307

00:47:41,589 --> 00:47:40,319

something like a year

1308

00:47:44,549 --> 00:47:41,599

to do that

1309

00:47:48,309 --> 00:47:44,559

that you have before or you need to

1310

00:47:52,309 --> 00:47:48,319

rescan people in some new manner yeah we

1311

00:47:56,069 --> 00:47:52,319

the um the data that we had before

1312

00:47:57,750 --> 00:47:56,079

and because of the havana syndrome

1313

00:47:59,510 --> 00:47:57,760

um

1314

00:48:02,710 --> 00:47:59,520

let's say

1315

00:48:05,990 --> 00:48:02,720

diagnoses of some of these individuals

1316

00:48:08,630 --> 00:48:06,000

it complicates first of all the cohort

1317

00:48:12,069 --> 00:48:08,640

second the i i don't have access to

1318

00:48:13,349 --> 00:48:12,079

those mris anymore um because once it

1319

00:48:15,109 --> 00:48:13,359

started to become clear that this was

1320

00:48:16,950 --> 00:48:15,119

going to be an important problem

1321

00:48:21,030 --> 00:48:16,960

uh basically kit

1322

00:48:23,349 --> 00:48:21,040

uh put a lockdown on it because because

1323

00:48:24,790 --> 00:48:23,359

me even getting access to these many of

1324

00:48:26,549 --> 00:48:24,800

these patients

1325

00:48:29,270 --> 00:48:26,559

and rightly so

1326
00:48:30,150 --> 00:48:29,280
because some of the patients were public

1327
00:48:32,230 --> 00:48:30,160
and

1328
00:48:33,670 --> 00:48:32,240
some of those patients

1329
00:48:35,190 --> 00:48:33,680
didn't like the fact that we were

1330
00:48:37,990 --> 00:48:35,200
talking about

1331
00:48:39,750 --> 00:48:38,000
their uh or as it turned out even though

1332
00:48:41,510 --> 00:48:39,760
they had given us verbal permission to

1333
00:48:44,150 --> 00:48:41,520
study it and talk a little bit about it

1334
00:48:46,950 --> 00:48:44,160
they didn't want to be grouped

1335
00:48:49,270 --> 00:48:46,960
with you know either the havana syndrome

1336
00:48:50,390 --> 00:48:49,280
or other classifications

1337
00:48:53,430 --> 00:48:50,400
and so

1338
00:48:56,069 --> 00:48:53,440

uh i don't want to touch them anymore

1339

00:49:00,630 --> 00:48:58,870

no no no because let's say that you are

1340

00:49:03,030 --> 00:49:00,640

publicly known

1341

00:49:05,109 --> 00:49:03,040

as being such an individual

1342

00:49:07,910 --> 00:49:05,119

right maybe as being part of the class

1343

00:49:08,790 --> 00:49:07,920

and then i make some statement about

1344

00:49:10,470 --> 00:49:08,800

that

1345

00:49:13,270 --> 00:49:10,480

like i make the statement oh and so many

1346

00:49:14,870 --> 00:49:13,280

people might be crazy well you know i

1347

00:49:16,549 --> 00:49:14,880

mean first of all i wouldn't say that

1348

00:49:18,710 --> 00:49:16,559

but second of all

1349

00:49:21,510 --> 00:49:18,720

um second of all

1350

00:49:23,430 --> 00:49:21,520

they will feel painted by that brush

1351
00:49:24,710 --> 00:49:23,440
uh so when you're talking about humans

1352
00:49:25,829 --> 00:49:24,720
and people

1353
00:49:27,910 --> 00:49:25,839
you know

1354
00:49:29,190 --> 00:49:27,920
they're not data points they're people

1355
00:49:31,589 --> 00:49:29,200
with feelings

1356
00:49:32,790 --> 00:49:31,599
and um and feelings that can be very

1357
00:49:35,589 --> 00:49:32,800
easily hurt

1358
00:49:37,589 --> 00:49:35,599
and if you are in any way known

1359
00:49:39,349 --> 00:49:37,599
for you know having been an experiencer

1360
00:49:40,950 --> 00:49:39,359
all it takes is one person tweeting out

1361
00:49:43,589 --> 00:49:40,960
your name

1362
00:49:45,589 --> 00:49:43,599
and saying you're this or you're that

1363
00:49:47,109 --> 00:49:45,599

and you know you can more than just ruin

1364

00:49:49,589 --> 00:49:47,119

somebody's day

1365

00:49:50,790 --> 00:49:49,599

and so in the current social media

1366

00:49:53,109 --> 00:49:50,800

environment

1367

00:49:55,190 --> 00:49:53,119

uh you have to go with entirely

1368

00:49:57,030 --> 00:49:55,200

anonymized data

1369

00:50:00,309 --> 00:49:57,040

uh which is but when that's the reason

1370

00:50:01,670 --> 00:50:00,319

why we i turned to this group at harvard

1371

00:50:03,589 --> 00:50:01,680

um

1372

00:50:07,109 --> 00:50:03,599

because you know they

1373

00:50:08,950 --> 00:50:07,119

had access to the a lot of the databases

1374

00:50:11,670 --> 00:50:08,960

and they had the interest

1375

00:50:13,349 --> 00:50:11,680

in the use of mris for these kinds of

1376
00:50:15,430 --> 00:50:13,359
you know more or less say mainstream

1377
00:50:16,549 --> 00:50:15,440
studies and so the first paper that we

1378
00:50:18,150 --> 00:50:16,559
did

1379
00:50:19,109 --> 00:50:18,160
uh we

1380
00:50:21,670 --> 00:50:19,119
um

1381
00:50:24,549 --> 00:50:21,680
we looked at schizophrenics and autism

1382
00:50:26,470 --> 00:50:24,559
individuals because you know on the far

1383
00:50:28,790 --> 00:50:26,480
end in the positive in the fully

1384
00:50:31,589 --> 00:50:28,800
positive sense of schizophrenics

1385
00:50:33,030 --> 00:50:31,599
is that often they can be very creative

1386
00:50:34,790 --> 00:50:33,040
individuals

1387
00:50:36,309 --> 00:50:34,800
because their minds let's say range a

1388
00:50:39,270 --> 00:50:36,319

little bit further

1389

00:50:40,790 --> 00:50:39,280

than than than others they see or make

1390

00:50:43,270 --> 00:50:40,800

connections that others don't that

1391

00:50:44,870 --> 00:50:43,280

others don't exactly and that's really

1392

00:50:47,109 --> 00:50:44,880

the heart of intuition

1393

00:50:49,430 --> 00:50:47,119

you know finding disparate datas and

1394

00:50:51,510 --> 00:50:49,440

showing that they actually have a hidden

1395

00:50:52,549 --> 00:50:51,520

connection behind the scenes

1396

00:50:55,750 --> 00:50:52,559

um

1397

00:50:59,109 --> 00:50:55,760

and then on the other side of the

1398

00:51:00,950 --> 00:50:59,119

of the um let's say problem are autistic

1399

00:51:03,910 --> 00:51:00,960

spectral disorder of which there are

1400

00:51:05,109 --> 00:51:03,920

many different types of of um autism

1401
00:51:05,990 --> 00:51:05,119
but

1402
00:51:08,790 --> 00:51:06,000
certain

1403
00:51:11,510 --> 00:51:08,800
autistics as you probably know can be

1404
00:51:12,549 --> 00:51:11,520
extremely high functioning and they have

1405
00:51:13,430 --> 00:51:12,559
again

1406
00:51:15,510 --> 00:51:13,440
almost

1407
00:51:18,230 --> 00:51:15,520
not a form of intuition

1408
00:51:20,630 --> 00:51:18,240
like they're oh i i i see things that

1409
00:51:23,030 --> 00:51:20,640
other people don't it's they can come to

1410
00:51:24,950 --> 00:51:23,040
conclusions that are remarkable like

1411
00:51:26,870 --> 00:51:24,960
mathematical conclusions

1412
00:51:28,150 --> 00:51:26,880
all right p people who are you know you

1413
00:51:30,069 --> 00:51:28,160

can ask them what the square root of

1414

00:51:33,030 --> 00:51:30,079

some extraordinary number is

1415

00:51:35,829 --> 00:51:33,040

and they go like that how how where and

1416

00:51:37,829 --> 00:51:35,839

why how do they do that what's the

1417

00:51:40,150 --> 00:51:37,839

process in their brain that allows them

1418

00:51:44,150 --> 00:51:40,160

to do that so as it turns out that if

1419

00:51:45,990 --> 00:51:44,160

you look at the mris of such individuals

1420

00:51:47,109 --> 00:51:46,000

one of the areas of the brain that's

1421

00:51:49,270 --> 00:51:47,119

called out

1422

00:51:50,470 --> 00:51:49,280

repeatedly in both of them but in

1423

00:51:53,349 --> 00:51:50,480

different places

1424

00:51:55,589 --> 00:51:53,359

is the caudate containment there are

1425

00:51:57,670 --> 00:51:55,599

what we would call at least from our

1426

00:51:59,589 --> 00:51:57,680

let's say normative standpoint

1427

00:52:01,829 --> 00:51:59,599

uh defects

1428

00:52:04,069 --> 00:52:01,839

in their caudate potamin you know not

1429

00:52:05,190 --> 00:52:04,079

like wholesale rupturing or anything

1430

00:52:07,109 --> 00:52:05,200

like that but

1431

00:52:09,510 --> 00:52:07,119

you know smaller regions or things that

1432

00:52:11,589 --> 00:52:09,520

seem to be have gone wrong

1433

00:52:14,150 --> 00:52:11,599

um so it's the diminution of the caudate

1434

00:52:16,829 --> 00:52:14,160

putainum or is it or just just no

1435

00:52:18,390 --> 00:52:16,839

neither just kind of let's say

1436

00:52:21,109 --> 00:52:18,400

dysmorphias

1437

00:52:21,829 --> 00:52:21,119

this morphe is just kind of like changes

1438

00:52:28,470 --> 00:52:21,839

and

1439

00:52:30,390 --> 00:52:28,480

know that all of them or any of them are

1440

00:52:31,510 --> 00:52:30,400

which of them are if it's genetically

1441

00:52:33,349 --> 00:52:31,520

determined

1442

00:52:35,349 --> 00:52:33,359

it's evolution

1443

00:52:37,510 --> 00:52:35,359

trying out something new

1444

00:52:39,349 --> 00:52:37,520

because if it were a successful

1445

00:52:41,589 --> 00:52:39,359

mutation

1446

00:52:44,950 --> 00:52:41,599

that helped both that individual and

1447

00:52:48,390 --> 00:52:44,960

their let's say uh genetically related

1448

00:52:50,390 --> 00:52:48,400

group uh succeed or compete better than

1449

00:52:52,230 --> 00:52:50,400

others it will be over the course of

1450

00:52:55,670 --> 00:52:52,240

time selected for

1451

00:52:58,870 --> 00:52:55,680

um and uh in a positive in a positive

1452

00:53:00,950 --> 00:52:58,880

sense so anyway we we have these these

1453

00:53:03,270 --> 00:53:00,960

groups and the reason we were doing this

1454

00:53:06,470 --> 00:53:03,280

is we wanted

1455

00:53:07,670 --> 00:53:06,480

to at least as i've been framing it

1456

00:53:10,069 --> 00:53:07,680

you know

1457

00:53:12,230 --> 00:53:10,079

if so-called experiences have these

1458

00:53:14,630 --> 00:53:12,240

experiences

1459

00:53:16,309 --> 00:53:14,640

do their brains look normal

1460

00:53:17,990 --> 00:53:16,319

do their brains look more like

1461

00:53:19,510 --> 00:53:18,000

schizophrenics

1462

00:53:21,670 --> 00:53:19,520

or do their brains look more like

1463

00:53:24,950 --> 00:53:21,680

autistics because one of the things that

1464

00:53:26,150 --> 00:53:24,960

you as a skeptic or as a doctor might do

1465

00:53:29,670 --> 00:53:26,160

is

1466

00:53:31,349 --> 00:53:29,680

if i say you know if you kurt you know

1467

00:53:33,430 --> 00:53:31,359

repeatedly say there's somebody typing

1468

00:53:36,309 --> 00:53:33,440

through my fingers

1469

00:53:38,710 --> 00:53:36,319

um the doctor you know the you're a

1470

00:53:40,470 --> 00:53:38,720

psychiatrist interviewing you would want

1471

00:53:41,910 --> 00:53:40,480

to say you know whether or not this

1472

00:53:43,589 --> 00:53:41,920

person is showing signs of some sort of

1473

00:53:44,870 --> 00:53:43,599

dissociative disorder

1474

00:53:46,950 --> 00:53:44,880

well

1475

00:53:48,630 --> 00:53:46,960

we would like someday to be able to look

1476
00:53:50,790 --> 00:53:48,640
in a person's brain

1477
00:53:55,030 --> 00:53:50,800
from a purely pathology standpoint and

1478
00:53:57,349 --> 00:53:55,040
say with an mri ah their brain structure

1479
00:53:59,349 --> 00:53:57,359
has elements of

1480
00:54:03,430 --> 00:53:59,359
schizophrenia

1481
00:54:07,349 --> 00:54:03,440
or my child we is not talking as much as

1482
00:54:09,910 --> 00:54:07,359
they think we think he might be autistic

1483
00:54:11,990 --> 00:54:09,920
so you get an mri done and you say oh

1484
00:54:14,230 --> 00:54:12,000
yes they do actually have a brain

1485
00:54:15,990 --> 00:54:14,240
structure which is consistent with an

1486
00:54:17,589 --> 00:54:16,000
autistic

1487
00:54:18,790 --> 00:54:17,599
right so

1488
00:54:20,710 --> 00:54:18,800

you know

1489

00:54:22,470 --> 00:54:20,720

i want to exclude that class from the

1490

00:54:24,950 --> 00:54:22,480

people who are experienced no i i i

1491

00:54:27,510 --> 00:54:24,960

don't i don't want to exclude them but i

1492

00:54:30,790 --> 00:54:27,520

want to i mean it it would be nice to

1493

00:54:31,589 --> 00:54:30,800

know if experiencers fall on

1494

00:54:32,630 --> 00:54:31,599

that

1495

00:54:38,549 --> 00:54:32,640

spectrum

1496

00:54:41,589 --> 00:54:38,559

so our schizophrenic somehow opposite to

1497

00:54:43,589 --> 00:54:41,599

autistics no no no no uh

1498

00:54:44,470 --> 00:54:43,599

good question as i said it i realized it

1499

00:54:48,870 --> 00:54:44,480

was

1500

00:54:50,630 --> 00:54:48,880

normal and autistics

1501
00:54:54,230 --> 00:54:50,640
and then there's a spectrum between

1502
00:54:55,670 --> 00:54:54,240
normal and schizophrenics in terms of

1503
00:54:57,430 --> 00:54:55,680
behaviors

1504
00:54:59,430 --> 00:54:57,440
right and so

1505
00:55:01,510 --> 00:54:59,440
from a materialist standpoint you like

1506
00:55:03,910 --> 00:55:01,520
you people like to somehow think is that

1507
00:55:05,349 --> 00:55:03,920
there's going to be a brain structure

1508
00:55:07,910 --> 00:55:05,359
which is

1509
00:55:09,910 --> 00:55:07,920
correlated with this if not even a brain

1510
00:55:11,270 --> 00:55:09,920
structure let's say just a metabolism of

1511
00:55:13,670 --> 00:55:11,280
how the brain operates i mean you could

1512
00:55:15,589 --> 00:55:13,680
have i can have a normal brain and then

1513
00:55:17,750 --> 00:55:15,599

something can go wrong with my with my

1514

00:55:18,789 --> 00:55:17,760

metabolism and that could that could

1515

00:55:21,510 --> 00:55:18,799

mimic

1516

00:55:23,829 --> 00:55:21,520

uh a pathology that might be

1517

00:55:25,910 --> 00:55:23,839

um that might be tissue based so there's

1518

00:55:27,150 --> 00:55:25,920

tissue based mythologies and then

1519

00:55:29,589 --> 00:55:27,160

there's and then there's

1520

00:55:30,549 --> 00:55:29,599

metabolism-based pathologies

1521

00:55:31,829 --> 00:55:30,559

right

1522

00:55:33,589 --> 00:55:31,839

you know i mean so you just think about

1523

00:55:36,470 --> 00:55:33,599

it like this like your kidney a person

1524

00:55:37,990 --> 00:55:36,480

could be born with a kidney that is for

1525

00:55:39,670 --> 00:55:38,000

whatever reason

1526

00:55:41,270 --> 00:55:39,680

uh you know

1527

00:55:42,710 --> 00:55:41,280

messed up right just not formed

1528

00:55:44,150 --> 00:55:42,720

correctly

1529

00:55:46,150 --> 00:55:44,160

um and then they won't have a kidney

1530

00:55:48,390 --> 00:55:46,160

function right at least one of the two

1531

00:55:50,390 --> 00:55:48,400

will not be functional correctly

1532

00:55:52,230 --> 00:55:50,400

and then later on in life though you

1533

00:55:55,589 --> 00:55:52,240

could be a normal individual

1534

00:55:57,349 --> 00:55:55,599

two perfectly functioning kidneys and

1535

00:55:58,549 --> 00:55:57,359

you know you eat

1536

00:56:00,230 --> 00:55:58,559

some

1537

00:56:02,870 --> 00:56:00,240

mushroom you shouldn't have eaten

1538

00:56:05,030 --> 00:56:02,880

you know made its way into your soup and

1539

00:56:07,510 --> 00:56:05,040

you have you know it kills off part of

1540

00:56:09,589 --> 00:56:07,520

your kidney your metabolism problem

1541

00:56:11,030 --> 00:56:09,599

right so but it could mimic the same

1542

00:56:11,750 --> 00:56:11,040

thing at the end

1543

00:56:13,670 --> 00:56:11,760

at

1544

00:56:15,349 --> 00:56:13,680

the end of the day your kidney's not

1545

00:56:17,270 --> 00:56:15,359

functioning

1546

00:56:19,109 --> 00:56:17,280

right and so this you know the brain is

1547

00:56:20,549 --> 00:56:19,119

much more complex than that

1548

00:56:21,589 --> 00:56:20,559

but um

1549

00:56:25,510 --> 00:56:21,599

so

1550

00:56:27,589 --> 00:56:25,520

reference sets

1551
00:56:28,870 --> 00:56:27,599
so that when we ever and i'm not sure

1552
00:56:30,710 --> 00:56:28,880
we're ever going to do it in the in the

1553
00:56:33,349 --> 00:56:30,720
short term when we get around to doing

1554
00:56:35,190 --> 00:56:33,359
this with experiencers or frankly

1555
00:56:37,190 --> 00:56:35,200
different classes of

1556
00:56:38,549 --> 00:56:37,200
individuals with

1557
00:56:40,470 --> 00:56:38,559
different kinds of

1558
00:56:43,030 --> 00:56:40,480
extraordinary mental abilities and by

1559
00:56:44,789 --> 00:56:43,040
this i mean things like math or

1560
00:56:47,109 --> 00:56:44,799
you know uh

1561
00:56:48,950 --> 00:56:47,119
music or etc

1562
00:56:51,829 --> 00:56:48,960
you know are there brain structures

1563
00:56:53,829 --> 00:56:51,839

associated with these you know high

1564

00:56:55,750 --> 00:56:53,839

functioning individuals

1565

00:56:57,270 --> 00:56:55,760

that you can call out

1566

00:56:59,030 --> 00:56:57,280

because that tells us

1567

00:57:00,789 --> 00:56:59,040

it's not because you want to know what

1568

00:57:01,910 --> 00:57:00,799

your child is the day they're born are

1569

00:57:03,349 --> 00:57:01,920

they going to be a musician or a

1570

00:57:04,470 --> 00:57:03,359

mathematician

1571

00:57:05,430 --> 00:57:04,480

um

1572

00:57:07,829 --> 00:57:05,440

but

1573

00:57:10,069 --> 00:57:07,839

you by doing this begin to learn about

1574

00:57:11,270 --> 00:57:10,079

how the brain is actually functioning

1575

00:57:14,150 --> 00:57:11,280

so that

1576

00:57:16,150 --> 00:57:14,160

with these now what are public data sets

1577

00:57:17,430 --> 00:57:16,160

that you can download off the net that

1578

00:57:19,589 --> 00:57:17,440

have been vetted

1579

00:57:22,069 --> 00:57:19,599

people have been classified according to

1580

00:57:24,710 --> 00:57:22,079

their intellectual capabilities etc now

1581

00:57:25,990 --> 00:57:24,720

you can begin to show that certain and

1582

00:57:27,349 --> 00:57:26,000

this is one of the papers that we're

1583

00:57:30,069 --> 00:57:27,359

just submitting

1584

00:57:32,789 --> 00:57:30,079

um that certain brain structure

1585

00:57:34,230 --> 00:57:32,799

organization sizes and tracts between

1586

00:57:36,549 --> 00:57:34,240

them are

1587

00:57:38,870 --> 00:57:36,559

appear to be correlated with certain

1588

00:57:39,990 --> 00:57:38,880

kinds of intelligence or certain kinds

1589

00:57:41,270 --> 00:57:40,000

of uh

1590

00:57:42,230 --> 00:57:41,280

abilities

1591

00:57:43,430 --> 00:57:42,240

um

1592

00:57:45,670 --> 00:57:43,440

and you know we're not the only ones

1593

00:57:48,230 --> 00:57:45,680

doing it by not by far

1594

00:57:49,750 --> 00:57:48,240

but um i haven't seen many papers yet

1595

00:57:51,589 --> 00:57:49,760

that are taking it the same approach

1596

00:57:54,950 --> 00:57:51,599

that we are with these automated

1597

00:57:56,470 --> 00:57:54,960

um segmentations but you know it's so

1598

00:57:58,150 --> 00:57:56,480

easy to do

1599

00:58:01,430 --> 00:57:58,160

uh that i expect there to be an

1600

00:58:02,390 --> 00:58:01,440

explosion of research in this area

1601
00:58:03,829 --> 00:58:02,400
um

1602
00:58:05,910 --> 00:58:03,839
because it's going to tell us something

1603
00:58:07,910 --> 00:58:05,920
about how the brain is operating so to

1604
00:58:10,309 --> 00:58:07,920
circle back to your diana pasulka

1605
00:58:11,990 --> 00:58:10,319
question about the drug

1606
00:58:14,950 --> 00:58:12,000
if there is

1607
00:58:18,150 --> 00:58:14,960
a tract between one part of a brain and

1608
00:58:20,230 --> 00:58:18,160
another that seems to be important for a

1609
00:58:23,430 --> 00:58:20,240
certain function you know with

1610
00:58:25,910 --> 00:58:23,440
enough analysis maybe there's a way we

1611
00:58:28,950 --> 00:58:25,920
can target that area

1612
00:58:30,230 --> 00:58:28,960
to compensate for either a lack

1613
00:58:32,789 --> 00:58:30,240

or if you

1614

00:58:34,309 --> 00:58:32,799

find out that one part of the brain

1615

00:58:36,710 --> 00:58:34,319

is uh

1616

00:58:38,630 --> 00:58:36,720

is overworking itself which is

1617

00:58:41,750 --> 00:58:38,640

suppressing some other

1618

00:58:43,430 --> 00:58:41,760

function or maybe you turn this one off

1619

00:58:44,470 --> 00:58:43,440

so you either turn one on or you turn

1620

00:58:45,990 --> 00:58:44,480

one off

1621

00:58:48,390 --> 00:58:46,000

and you can either do it with a drug

1622

00:58:50,710 --> 00:58:48,400

drugs are harder to do because brain

1623

00:58:51,990 --> 00:58:50,720

chemistry as you probably know is is

1624

00:58:53,430 --> 00:58:52,000

really messy

1625

00:58:55,589 --> 00:58:53,440

and uh you know a lot of the

1626
00:58:57,910 --> 00:58:55,599
antidepressants that people use etc you

1627
00:58:59,910 --> 00:58:57,920
have to sort of try one out and they

1628
00:59:02,789 --> 00:58:59,920
does this one work does that one work

1629
00:59:04,950 --> 00:59:02,799
um but maybe transcranial stimulation

1630
00:59:06,309 --> 00:59:04,960
is something that might you know be

1631
00:59:09,670 --> 00:59:06,319
effective

1632
00:59:12,710 --> 00:59:09,680
uh to you know enhance certain abilities

1633
00:59:16,230 --> 00:59:12,720
or to turn off certain other areas

1634
00:59:18,390 --> 00:59:16,240
i mean another example is um

1635
00:59:20,789 --> 00:59:18,400
you know what's called the default mode

1636
00:59:22,870 --> 00:59:20,799
network in your brain but the default

1637
00:59:25,270 --> 00:59:22,880
mode is sort of the the organizing

1638
00:59:28,390 --> 00:59:25,280

principle that keeps all of the other

1639

00:59:29,190 --> 00:59:28,400

parts of the brain uh playing together

1640

00:59:31,349 --> 00:59:29,200

well

1641

00:59:32,950 --> 00:59:31,359

and it sits somewhere close to so-called

1642

00:59:35,829 --> 00:59:32,960

executive function

1643

00:59:37,990 --> 00:59:35,839

um well drugs like psychedelics

1644

00:59:40,230 --> 00:59:38,000

it looks like turn off the default mode

1645

00:59:41,270 --> 00:59:40,240

network and allow all of the other parts

1646

00:59:42,069 --> 00:59:41,280

of the brain

1647

00:59:46,710 --> 00:59:42,079

to

1648

00:59:47,510 --> 00:59:46,720

having a discussion

1649

00:59:49,750 --> 00:59:47,520

so

1650

00:59:51,510 --> 00:59:49,760

you know maybe the default node

1651
00:59:54,069 --> 00:59:51,520
mode network

1652
00:59:55,430 --> 00:59:54,079
turn off was what happened when you were

1653
00:59:56,950 --> 00:59:55,440
typing

1654
00:59:58,789 --> 00:59:56,960
your fingers that somehow because you

1655
01:00:00,549 --> 00:59:58,799
were so into what you were doing the

1656
01:00:01,670 --> 01:00:00,559
default node turned off and other parts

1657
01:00:02,470 --> 01:00:01,680
of your brain

1658
01:00:05,270 --> 01:00:02,480
that

1659
01:00:07,589 --> 01:00:05,280
you know let's say have some ass who

1660
01:00:09,270 --> 01:00:07,599
have who have access to

1661
01:00:12,150 --> 01:00:09,280
your personality

1662
01:00:14,470 --> 01:00:12,160
told you i'm in control now

1663
01:00:15,829 --> 01:00:14,480

right and maybe when i woke up that

1664

01:00:16,710 --> 01:00:15,839

night in

1665

01:00:19,109 --> 01:00:16,720

london

1666

01:00:21,190 --> 01:00:19,119

it was my default mode network was off

1667

01:00:23,670 --> 01:00:21,200

and some other part of my brain said i'm

1668

01:00:25,829 --> 01:00:23,680

gonna do this to you right or this is

1669

01:00:27,109 --> 01:00:25,839

you know so you you always have to keep

1670

01:00:29,589 --> 01:00:27,119

those kinds of things in the back of

1671

01:00:31,430 --> 01:00:29,599

your mind as possible explanations and

1672

01:00:33,030 --> 01:00:31,440

not always think of it as an outside

1673

01:00:36,470 --> 01:00:33,040

agency

1674

01:00:38,630 --> 01:00:36,480

that is imposing itself on you

1675

01:00:41,270 --> 01:00:38,640

standard psychiatry would like to

1676

01:00:43,910 --> 01:00:41,280

keep everything in your head

1677

01:00:47,349 --> 01:00:43,920

and not think of outside agencies

1678

01:00:50,230 --> 01:00:47,359

um and uh you know and i think probably

1679

01:00:50,950 --> 01:00:50,240

99 of the time it is internal

1680

01:00:54,390 --> 01:00:50,960

but

1681

01:00:57,030 --> 01:00:54,400

99 still leaves one percent

1682

01:00:58,390 --> 01:00:57,040

and uh external possibilities so you

1683

01:01:01,030 --> 01:00:58,400

know you just gotta

1684

01:01:02,309 --> 01:01:01,040

you just gotta keep it in mind

1685

01:01:05,270 --> 01:01:02,319

i mean i was

1686

01:01:06,710 --> 01:01:05,280

i i i was i was i don't know why on

1687

01:01:09,190 --> 01:01:06,720

netflix or something i was watching the

1688

01:01:12,630 --> 01:01:09,200

other night some guy tyler henry he's a

1689

01:01:15,030 --> 01:01:12,640

medium you should go look him up uh he's

1690

01:01:17,349 --> 01:01:15,040

it's extraordinary what he what he does

1691

01:01:18,710 --> 01:01:17,359

i won't relay at all but i mean i sit

1692

01:01:20,150 --> 01:01:18,720

there going where's this guy getting

1693

01:01:21,670 --> 01:01:20,160

this information he sits down across

1694

01:01:23,589 --> 01:01:21,680

from somebody and now he's telling them

1695

01:01:25,190 --> 01:01:23,599

about their life and somebody close to

1696

01:01:26,549 --> 01:01:25,200

them who died and giving them

1697

01:01:28,470 --> 01:01:26,559

information that's clearly having an

1698

01:01:30,630 --> 01:01:28,480

emotional impact on them

1699

01:01:32,230 --> 01:01:30,640

and assuming it's not all a big hoax

1700

01:01:34,069 --> 01:01:32,240

yeah not cold reading

1701

01:01:36,390 --> 01:01:34,079

it's yeah it's a kind of a cold reading

1702

01:01:37,270 --> 01:01:36,400

yeah it is and

1703

01:01:38,390 --> 01:01:37,280

and

1704

01:01:39,670 --> 01:01:38,400

where is he getting this information

1705

01:01:41,190 --> 01:01:39,680

from

1706

01:01:43,430 --> 01:01:41,200

right i mean it's it's

1707

01:01:45,670 --> 01:01:43,440

and he has a process and his process is

1708

01:01:46,870 --> 01:01:45,680

basically scribbling on a book

1709

01:01:49,190 --> 01:01:46,880

um

1710

01:01:51,109 --> 01:01:49,200

and it's almost as if by the scribbling

1711

01:01:54,069 --> 01:01:51,119

process he's

1712

01:01:56,470 --> 01:01:54,079

he's it's kind of a meditation he's like

1713

01:01:59,190 --> 01:01:56,480

he he's turning something off

1714

01:02:00,710 --> 01:01:59,200

and that allows other things to other

1715

01:02:02,870 --> 01:02:00,720

information

1716

01:02:04,950 --> 01:02:02,880

for him to be able to access i would

1717

01:02:07,670 --> 01:02:04,960

love

1718

01:02:10,069 --> 01:02:07,680

to get a hold of people like that

1719

01:02:12,150 --> 01:02:10,079

uh get mris of their brains as they're

1720

01:02:13,510 --> 01:02:12,160

doing these things functional mris first

1721

01:02:14,710 --> 01:02:13,520

of all just to see what structure do

1722

01:02:17,270 --> 01:02:14,720

they have

1723

01:02:19,670 --> 01:02:17,280

you know do they do do mediums let's say

1724

01:02:22,230 --> 01:02:19,680

or claimed mediums has that ever been

1725

01:02:24,069 --> 01:02:22,240

done as far as you know no of course no

1726

01:02:25,589 --> 01:02:24,079

never why do you think that is because

1727

01:02:27,430 --> 01:02:25,599

that as you say it sounds like an

1728

01:02:29,270 --> 01:02:27,440

extremely interesting study that i'm

1729

01:02:31,510 --> 01:02:29,280

wondering why has that not um i mean i

1730

01:02:33,029 --> 01:02:31,520

think people no i know of a guy in la in

1731

01:02:34,470 --> 01:02:33,039

fact i spoke to them

1732

01:02:35,910 --> 01:02:34,480

who funds

1733

01:02:37,670 --> 01:02:35,920

who's funding some of this kind of

1734

01:02:40,710 --> 01:02:37,680

research

1735

01:02:43,829 --> 01:02:40,720

but again nobody has had the automated

1736

01:02:44,789 --> 01:02:43,839

segmentation algorithms to do this and

1737

01:02:46,789 --> 01:02:44,799

again it's not because i don't think

1738

01:02:48,710 --> 01:02:46,799

people wanted to do it it's just because

1739

01:02:50,630 --> 01:02:48,720

again the compute power wasn't there

1740

01:02:54,230 --> 01:02:50,640

before i mean the kind of stuff that i

1741

01:02:57,829 --> 01:02:54,240

do only in 2d couldn't be done before if

1742

01:02:59,910 --> 01:02:57,839

with uh my pathology cancer research

1743

01:03:01,349 --> 01:02:59,920

because the compute power wasn't there

1744

01:03:02,789 --> 01:03:01,359

first of all we couldn't get the data

1745

01:03:04,630 --> 01:03:02,799

and second even if we had the data we

1746

01:03:07,190 --> 01:03:04,640

wouldn't be able to do anything with it

1747

01:03:08,390 --> 01:03:07,200

um but now we have the compute power to

1748

01:03:11,750 --> 01:03:08,400

to do it so

1749

01:03:14,230 --> 01:03:11,760

uh that opens new doors

1750

01:03:17,430 --> 01:03:14,240

and again you you should expect a huge

1751

01:03:19,270 --> 01:03:17,440

flow but but before one runs to try to

1752

01:03:21,109 --> 01:03:19,280

hit the ball out of the park

1753

01:03:23,270 --> 01:03:21,119

you have to do the ground work and

1754

01:03:25,349 --> 01:03:23,280

saying what is normal

1755

01:03:27,829 --> 01:03:25,359

right what's the normal range of human

1756

01:03:34,230 --> 01:03:30,470

shapes and even amongst normals or let's

1757

01:03:36,950 --> 01:03:34,240

say non-uh non-mediums non well

1758

01:03:39,829 --> 01:03:36,960

non-classified as schizophrenic or

1759

01:03:43,750 --> 01:03:39,839

autistic or you know name 10 other

1760

01:03:45,750 --> 01:03:43,760

mental mental health issues

1761

01:03:47,270 --> 01:03:45,760

you know

1762

01:03:49,190 --> 01:03:47,280

what is

1763

01:03:50,789 --> 01:03:49,200

you know you you want to find out what

1764

01:03:51,910 --> 01:03:50,799

the main classes

1765

01:03:53,270 --> 01:03:51,920

of

1766

01:03:54,710 --> 01:03:53,280

pathologies

1767

01:03:56,630 --> 01:03:54,720

again i'm not i

1768

01:03:58,710 --> 01:03:56,640

again not using the term saying people

1769

01:03:59,670 --> 01:03:58,720

have a problem with this

1770

01:04:02,230 --> 01:03:59,680

um

1771

01:04:04,390 --> 01:04:02,240

before you start running into doing

1772

01:04:06,230 --> 01:04:04,400

mediums

1773

01:04:07,510 --> 01:04:06,240

right you can do it but then you have no

1774

01:04:08,710 --> 01:04:07,520

reference set

1775

01:04:11,029 --> 01:04:08,720

nobody can

1776

01:04:13,510 --> 01:04:11,039

nobody to compare them against to say oh

1777

01:04:16,150 --> 01:04:13,520

it's like this or it's like that or it

1778

01:04:17,910 --> 01:04:16,160

it it is this and this is different

1779

01:04:20,069 --> 01:04:17,920

than normal

1780

01:04:22,870 --> 01:04:20,079

so you know that leg work that we're

1781

01:04:24,789 --> 01:04:22,880

doing now is setting up for you know a

1782

01:04:26,549 --> 01:04:24,799

few years from now when both monies will

1783

01:04:28,710 --> 01:04:26,559

be available i think

1784

01:04:33,029 --> 01:04:28,720

even if i have to fund it myself

1785

01:04:35,109 --> 01:04:33,039

um or uh or you know government funding

1786

01:04:36,549 --> 01:04:35,119

but sometimes you will can get

1787

01:04:37,670 --> 01:04:36,559

government funding

1788

01:04:40,549 --> 01:04:37,680

by

1789

01:04:43,029 --> 01:04:40,559

doing something which is

1790

01:04:44,710 --> 01:04:43,039

let's say normal and mainstream

1791

01:04:47,270 --> 01:04:44,720

mental health studies

1792

01:04:49,990 --> 01:04:47,280

and then once you've done that

1793

01:04:51,910 --> 01:04:50,000

then it's possible to say mediums

1794

01:04:55,029 --> 01:04:51,920

i'm going to do people who have let's

1795

01:04:56,870 --> 01:04:55,039

say intuition and you call it intuition

1796

01:04:59,589 --> 01:04:56,880

right you know a study on intuition and

1797

01:05:00,950 --> 01:04:59,599

then amongst the cohort you you do this

1798

01:05:03,510 --> 01:05:00,960

it's not that you're

1799

01:05:06,230 --> 01:05:03,520

inappropriate

1800

01:05:07,510 --> 01:05:06,240

you're just defining it in a way frankly

1801

01:05:09,029 --> 01:05:07,520

that normal

1802

01:05:10,870 --> 01:05:09,039

scientists would

1803

01:05:12,309 --> 01:05:10,880

they would say oh these mediums are

1804

01:05:14,069 --> 01:05:12,319

picking up pumps they're intuiting

1805

01:05:15,190 --> 01:05:14,079

something from the environment

1806

01:05:16,390 --> 01:05:15,200

fine

1807

01:05:18,630 --> 01:05:16,400

maybe they are

1808

01:05:19,589 --> 01:05:18,640

right you know uh

1809

01:05:21,109 --> 01:05:19,599

then

1810

01:05:23,510 --> 01:05:21,119

let's figure out what it is that's

1811

01:05:25,190 --> 01:05:23,520

special about their ability to do it it

1812

01:05:26,309 --> 01:05:25,200

might have no paranormal aspect to it

1813

01:05:27,750 --> 01:05:26,319

whatsoever

1814

01:05:28,870 --> 01:05:27,760

i still would want to know how this guy

1815

01:05:30,549 --> 01:05:28,880

does it

1816

01:05:32,950 --> 01:05:30,559

is this to be taken as a call for people

1817

01:05:36,309 --> 01:05:32,960

who are mediums to email you or no no my

1818

01:05:39,029 --> 01:05:36,319

god no no i get enough as it is i'm at

1819

01:05:42,150 --> 01:05:39,990

yes

1820

01:05:45,190 --> 01:05:42,160

but at some point short in the short

1821

01:05:46,630 --> 01:05:45,200

term no i'm not ready for it

1822

01:05:49,349 --> 01:05:46,640

at all and i don't even know that i'm

1823

01:05:51,670 --> 01:05:49,359

the right person to do it there's i have

1824

01:05:53,750 --> 01:05:51,680

been contacted by a few scientists who

1825

01:05:57,270 --> 01:05:53,760

want to do it and then they would want

1826

01:06:00,390 --> 01:05:57,280

access to these databases at that point

1827

01:06:02,069 --> 01:06:00,400

but no i have enough to do

1828

01:06:03,829 --> 01:06:02,079

earlier you mentioned havana syndrome

1829

01:06:05,109 --> 01:06:03,839

and when i looked into it i found it to

1830

01:06:07,670 --> 01:06:05,119

be terribly murky i don't know what

1831

01:06:09,190 --> 01:06:07,680

havana syndrome is and so when you're

1832

01:06:11,750 --> 01:06:09,200

this is in reference to my research on

1833

01:06:13,349 --> 01:06:11,760

you with regard to skinwalker and then

1834

01:06:14,870 --> 01:06:13,359

you said that well we can classify some

1835

01:06:16,470 --> 01:06:14,880

people savannah syndrome i want to know

1836

01:06:19,190 --> 01:06:16,480

firstly what is venice syndrome how do

1837

01:06:21,349 --> 01:06:19,200

are you able to classify them as that it

1838

01:06:22,549 --> 01:06:21,359

seems like a cloudy definition and then

1839

01:06:25,029 --> 01:06:22,559

also

1840

01:06:26,390 --> 01:06:25,039

you concluded that some of if not all of

1841

01:06:28,710 --> 01:06:26,400

what was happening at skinwalker from

1842

01:06:30,069 --> 01:06:28,720

what you've studied with state actors so

1843

01:06:31,190 --> 01:06:30,079

i don't know what is meant by state

1844

01:06:32,230 --> 01:06:31,200

actors and how you came to that

1845

01:06:36,630 --> 01:06:32,240

conclusion so there are a couple of

1846

01:06:38,069 --> 01:06:36,640

questions right there yeah so um okay so

1847

01:06:40,549 --> 01:06:38,079

um

1848

01:06:42,230 --> 01:06:40,559

right so this all started of course with

1849

01:06:44,789 --> 01:06:42,240

uh with kit

1850

01:06:48,230 --> 01:06:44,799

uh and you know there's he's actually

1851

01:06:51,270 --> 01:06:48,240

given a uh an interview i think it was

1852

01:06:54,390 --> 01:06:51,280

on the debrief or somewhere recently uh

1853

01:06:55,910 --> 01:06:54,400

that's very in-depth about um

1854

01:06:58,069 --> 01:06:55,920

sort of the history of the of the

1855

01:06:59,109 --> 01:06:58,079

project and the timeline

1856

01:07:00,390 --> 01:06:59,119

um

1857

01:07:02,390 --> 01:07:00,400

so

1858

01:07:03,910 --> 01:07:02,400

when we first were looking at these

1859

01:07:07,990 --> 01:07:03,920

patients that

1860

01:07:09,270 --> 01:07:08,000

we got this basically a bucket of cases

1861

01:07:10,470 --> 01:07:09,280

um

1862

01:07:13,750 --> 01:07:10,480

from the

1863

01:07:15,349 --> 01:07:13,760

basically the defense uh intelligence

1864

01:07:18,150 --> 01:07:15,359

axis

1865

01:07:19,829 --> 01:07:18,160

that the doctors didn't know what to do

1866

01:07:21,670 --> 01:07:19,839

with people who were

1867

01:07:23,029 --> 01:07:21,680

in distress nobody would nobody could

1868

01:07:25,430 --> 01:07:23,039

figure out what it is that was going

1869

01:07:29,109 --> 01:07:25,440

wrong with them and so kit at some point

1870

01:07:29,910 --> 01:07:29,119

was called in on on some of them um

1871

01:07:33,990 --> 01:07:29,920

so

1872

01:07:36,630 --> 01:07:34,000

are murky

1873

01:07:39,349 --> 01:07:36,640

and is actually hidden

1874

01:07:42,549 --> 01:07:39,359

in a way in the term syndrome

1875

01:07:45,349 --> 01:07:42,559

a a syndrome is usually a

1876

01:07:46,390 --> 01:07:45,359

medical terminology for something which

1877

01:07:51,829 --> 01:07:46,400

has

1878

01:07:55,029 --> 01:07:51,839

but disparate symptomologies

1879

01:07:57,990 --> 01:07:55,039

so usually it's like there's 20 things

1880

01:08:00,710 --> 01:07:58,000

that can fall within this classification

1881

01:08:02,630 --> 01:08:00,720

system you're hearing buzzing headaches

1882

01:08:04,710 --> 01:08:02,640

this and that

1883

01:08:07,109 --> 01:08:04,720

and you don't have to have all of them

1884

01:08:09,270 --> 01:08:07,119

you just have to have enough of them

1885

01:08:11,349 --> 01:08:09,280

and you say you've got this syndrome we

1886

01:08:13,430 --> 01:08:11,359

don't but usually what people are

1887

01:08:16,789 --> 01:08:13,440

thinking when they say syndrome is that

1888

01:08:19,110 --> 01:08:16,799

there's probably multiple different

1889

01:08:22,070 --> 01:08:19,120

uh sub pathologies within them each of

1890

01:08:24,789 --> 01:08:22,080

which is a distinct and unique group so

1891

01:08:26,070 --> 01:08:24,799

for instance a hundred years ago or even

1892

01:08:27,910 --> 01:08:26,080

80 years ago

1893

01:08:30,309 --> 01:08:27,920

you could have cancer

1894

01:08:31,110 --> 01:08:30,319

and cancer broadly

1895

01:08:35,349 --> 01:08:31,120

is

1896

01:08:37,189 --> 01:08:35,359

has about you know 200 different

1897

01:08:39,510 --> 01:08:37,199

diseases underneath it

1898

01:08:41,030 --> 01:08:39,520

all right blood cancer you know calling

1899

01:08:41,749 --> 01:08:41,040

et cetera et cetera

1900

01:08:45,349 --> 01:08:41,759

so

1901

01:08:48,070 --> 01:08:45,359

um we actually in the by around 2015

1902

01:08:50,149 --> 01:08:48,080

2016 we're calling it what we called at

1903

01:08:52,709 --> 01:08:50,159

the time or i should say kit uh

1904

01:08:55,510 --> 01:08:52,719

interference syndrome

1905

01:08:59,829 --> 01:08:55,520

that people were being interfered with

1906

01:09:01,269 --> 01:08:59,839

uh and here were the range of

1907

01:09:02,309 --> 01:09:01,279

things that were

1908

01:09:03,430 --> 01:09:02,319

happening

1909

01:09:04,229 --> 01:09:03,440

to them

1910

01:09:07,510 --> 01:09:04,239

uh

1911

01:09:09,749 --> 01:09:07,520

and so what as a doctor you do

1912

01:09:11,910 --> 01:09:09,759

you basically you start to

1913

01:09:13,189 --> 01:09:11,920

determine what the individual symptoms

1914

01:09:17,349 --> 01:09:13,199

are

1915

01:09:18,870 --> 01:09:17,359

matched to definitions

1916

01:09:21,110 --> 01:09:18,880

in what's the best way to do it is

1917

01:09:23,430 --> 01:09:21,120

called the icd codes

1918

01:09:27,269 --> 01:09:23,440

right and so um

1919

01:09:29,110 --> 01:09:27,279

the icd codes are classification

1920

01:09:31,430 --> 01:09:29,120

system of diseases

1921

01:09:34,309 --> 01:09:31,440

and related health problems right so you

1922

01:09:37,030 --> 01:09:34,319

have you have this kind of a skin uh

1923

01:09:38,870 --> 01:09:37,040

blistering uh it's you know and it has

1924

01:09:40,870 --> 01:09:38,880

these you know it has infiltration of

1925

01:09:42,229 --> 01:09:40,880

macrophages and this and this it's icd

1926

01:09:44,309 --> 01:09:42,239

code x

1927

01:09:47,110 --> 01:09:44,319

and so what you what he does is he he

1928

01:09:49,430 --> 01:09:47,120

takes the the the verbal testimony or

1929

01:09:53,749 --> 01:09:49,440

his observations of the patient

1930

01:09:55,430 --> 01:09:53,759

and you know writes down these icd codes

1931

01:09:56,790 --> 01:09:55,440

and it's a way of just classifying and

1932

01:09:59,110 --> 01:09:56,800

knowing that you're talking about apples

1933

01:10:01,350 --> 01:09:59,120

to apples oranges to oranges

1934

01:10:04,790 --> 01:10:01,360

kind of a thing

1935

01:10:07,830 --> 01:10:04,800

and then right around 2018 or so the

1936

01:10:09,189 --> 01:10:07,840

so-called havana cases were coming up

1937

01:10:11,750 --> 01:10:09,199

which were

1938

01:10:14,390 --> 01:10:11,760

which havana cuba specifically some of

1939

01:10:17,750 --> 01:10:14,400

the diplomatic personnel were having

1940

01:10:19,030 --> 01:10:17,760

these buzzing sounds getting sick

1941

01:10:20,310 --> 01:10:19,040

headaches

1942

01:10:22,070 --> 01:10:20,320

etc

1943

01:10:25,189 --> 01:10:22,080

and uh

1944

01:10:28,790 --> 01:10:25,199

and that kind of went public and then

1945

01:10:31,030 --> 01:10:28,800

kit got a hold of some of the case files

1946

01:10:33,830 --> 01:10:31,040

related to to these some of these events

1947

01:10:36,070 --> 01:10:33,840

and realized that the the when he

1948

01:10:39,270 --> 01:10:36,080

matched the icd codes

1949

01:10:43,189 --> 01:10:39,280

of the havana syndrome they matched or

1950

01:10:45,030 --> 01:10:43,199

overlapped with a lot of our cases

1951

01:10:47,110 --> 01:10:45,040

right um

1952

01:10:48,790 --> 01:10:47,120

and then uh

1953

01:10:50,870 --> 01:10:48,800

after that

1954

01:10:53,590 --> 01:10:50,880

um i'm gonna put you uh

1955

01:10:59,110 --> 01:10:53,600

a thing here somebody actually put it in

1956

01:11:00,550 --> 01:10:59,120

twitter somewhere to remind me of it um

1957

01:11:01,750 --> 01:11:00,560

a uh

1958

01:11:04,149 --> 01:11:01,760

a science

1959

01:11:06,630 --> 01:11:04,159

group the so-called jasons which are a

1960

01:11:08,790 --> 01:11:06,640

group of you know scientists who the

1961

01:11:09,990 --> 01:11:08,800

government calls upon i'm not part of

1962

01:11:13,189 --> 01:11:10,000

the jason's

1963

01:11:14,870 --> 01:11:13,199

uh to um help them

1964

01:11:15,910 --> 01:11:14,880

uh understand

1965

01:11:17,189 --> 01:11:15,920

the

1966

01:11:18,709 --> 01:11:17,199

um

1967

01:11:20,870 --> 01:11:18,719

you know some event that occurs and

1968

01:11:23,110 --> 01:11:20,880

write white papers and things like that

1969

01:11:24,709 --> 01:11:23,120

uh they were brought in to basically do

1970

01:11:30,070 --> 01:11:24,719

an assessment

1971

01:11:30,950 --> 01:11:30,080

uh of this and it became um

1972

01:11:32,870 --> 01:11:30,960

uh

1973

01:11:35,430 --> 01:11:32,880

obvious that

1974

01:11:37,750 --> 01:11:35,440

these cases were

1975

01:11:38,830 --> 01:11:37,760

probably

1976

01:11:40,870 --> 01:11:38,840

driven

1977

01:11:43,430 --> 01:11:40,880

by some

1978

01:11:45,430 --> 01:11:43,440

i use the term state actor some people

1979

01:11:47,830 --> 01:11:45,440

got bent out of shape because i used

1980

01:11:48,709 --> 01:11:47,840

that term i just meant what yeah what

1981

01:11:50,790 --> 01:11:48,719

does it mean

1982

01:11:53,030 --> 01:11:50,800

it basically means you know

1983

01:11:55,110 --> 01:11:53,040

somebody who is an agent of let's say

1984

01:11:57,270 --> 01:11:55,120

russia or china or something like that

1985

01:12:00,470 --> 01:11:57,280

or a rogue element within our own

1986

01:12:03,189 --> 01:12:00,480

government or frankly you know i mean

1987

01:12:04,870 --> 01:12:03,199

state actor implies some sort of uh

1988

01:12:06,830 --> 01:12:04,880

you know funded by

1989

01:12:08,870 --> 01:12:06,840

uh a

1990

01:12:11,189 --> 01:12:08,880

government um

1991

01:12:12,470 --> 01:12:11,199

but it could just as easily be

1992

01:12:13,990 --> 01:12:12,480

you know

1993

01:12:16,870 --> 01:12:14,000

terrorist groups

1994

01:12:17,750 --> 01:12:16,880

who gained acts who gained access to

1995

01:12:19,830 --> 01:12:17,760

um

1996

01:12:21,430 --> 01:12:19,840

you know some of these technologies that

1997

01:12:22,390 --> 01:12:21,440

could cause these things and if you look

1998

01:12:24,709 --> 01:12:22,400

at that

1999

01:12:27,110 --> 01:12:24,719

pdf that i just sent you there's

2000

01:12:29,910 --> 01:12:27,120

uh all kinds of different approaches

2001

01:12:31,990 --> 01:12:29,920

acoustic attacks electromagnetic attacks

2002

01:12:35,030 --> 01:12:32,000

uh microwaves i'll include a link to

2003

01:12:39,669 --> 01:12:35,040

that in the description as well yeah um

2004

01:12:41,990 --> 01:12:39,679

and uh so it's it's not it's not beyond

2005

01:12:42,950 --> 01:12:42,000

the capability of anybody in the last 20

2006

01:12:45,030 --> 01:12:42,960

years

2007

01:12:46,390 --> 01:12:45,040

to have these kinds of

2008

01:12:48,390 --> 01:12:46,400

attack

2009

01:12:51,750 --> 01:12:48,400

uh

2010

01:12:53,270 --> 01:12:51,760

you know approaches vectors or whatever

2011

01:12:56,229 --> 01:12:53,280

um so

2012

01:12:59,189 --> 01:12:56,239

so when i say it's out of my hands

2013

01:13:01,510 --> 01:12:59,199

uh when it's it's it's that well these

2014

01:13:02,390 --> 01:13:01,520

are clearly falling under

2015

01:13:04,550 --> 01:13:02,400

a

2016

01:13:14,950 --> 01:13:04,560

um

2017

01:13:18,149 --> 01:13:14,960

something which appears to be purely

2018

01:13:20,310 --> 01:13:18,159

human or terrestrial yeah with intention

2019

01:13:22,790 --> 01:13:20,320

with intention and has nothing to do

2020

01:13:24,709 --> 01:13:22,800

with uaps whatsoever now what's

2021

01:13:26,870 --> 01:13:24,719

interesting is and this is what whoever

2022

01:13:28,070 --> 01:13:26,880

it was who tweeted this

2023

01:13:29,510 --> 01:13:28,080

recently

2024

01:13:33,030 --> 01:13:29,520

um

2025

01:13:36,229 --> 01:13:33,040

to have to go in but they said about 10

2026
01:13:38,790 --> 01:13:36,239
to 15 of the cases uh that the jason's

2027
01:13:41,750 --> 01:13:38,800
had looked at could not be explained

2028
01:13:43,910 --> 01:13:41,760
under the rubric of havana syndrome and

2029
01:13:45,510 --> 01:13:43,920
were as a as of yet

2030
01:13:48,470 --> 01:13:45,520
um on

2031
01:13:50,870 --> 01:13:48,480
of indeterminate causation

2032
01:13:53,510 --> 01:13:50,880
that doesn't mean that they're uap

2033
01:13:55,270 --> 01:13:53,520
right it just means that again the the

2034
01:13:57,110 --> 01:13:55,280
broad bucket of

2035
01:13:58,070 --> 01:13:57,120
people with strange things happening to

2036
01:14:01,430 --> 01:13:58,080
them

2037
01:14:02,630 --> 01:14:01,440
uh didn't fall under that now

2038
01:14:04,070 --> 01:14:02,640

there's already people out there trying

2039

01:14:05,830 --> 01:14:04,080

to pick apart

2040

01:14:08,310 --> 01:14:05,840

the things that lou has been talking

2041

01:14:11,030 --> 01:14:08,320

about with injury and the things that

2042

01:14:13,189 --> 01:14:11,040

kit talked about as injury actually i

2043

01:14:15,590 --> 01:14:13,199

actually spoke with lou about it um the

2044

01:14:17,510 --> 01:14:15,600

other day some of the cases that lou was

2045

01:14:21,350 --> 01:14:17,520

talking about are different

2046

01:14:24,070 --> 01:14:21,360

than the um ones that uh kid are talking

2047

01:14:26,830 --> 01:14:24,080

about so just because kit says

2048

01:14:29,270 --> 01:14:26,840

it's you know he's got them all figured

2049

01:14:32,149 --> 01:14:29,280

out um

2050

01:14:34,229 --> 01:14:32,159

and uh it doesn't mean that there aren't

2051

01:14:35,030 --> 01:14:34,239

other cases out there that lou is aware

2052

01:14:36,870 --> 01:14:35,040

of

2053

01:14:39,350 --> 01:14:36,880

that are different than the ones that

2054

01:14:40,950 --> 01:14:39,360

kit is that have a much more proximal

2055

01:14:43,110 --> 01:14:40,960

let's say

2056

01:14:45,110 --> 01:14:43,120

uap relationship

2057

01:14:46,790 --> 01:14:45,120

uh but even kit and i talk with him

2058

01:14:47,910 --> 01:14:46,800

about it uh

2059

01:14:50,390 --> 01:14:47,920

fairly

2060

01:14:52,550 --> 01:14:50,400

frequently um

2061

01:14:54,550 --> 01:14:52,560

is like well look i can explain it by

2062

01:14:57,990 --> 01:14:54,560

human technology

2063

01:15:00,149 --> 01:14:59,350

something else

2064

01:15:02,870 --> 01:15:00,159

right

2065

01:15:05,430 --> 01:15:02,880

but he's very careful in how he parses

2066

01:15:08,950 --> 01:15:05,440

his word i can explain it

2067

01:15:11,189 --> 01:15:08,960

doesn't say it was caused by

2068

01:15:12,870 --> 01:15:11,199

human technology you know at the end of

2069

01:15:13,990 --> 01:15:12,880

the day a burn is a burn whether it's

2070

01:15:15,830 --> 01:15:14,000

caused by

2071

01:15:18,790 --> 01:15:15,840

you know

2072

01:15:22,229 --> 01:15:18,800

an alien power generator or

2073

01:15:24,470 --> 01:15:22,239

you know the back end of a jet flame

2074

01:15:26,470 --> 01:15:24,480

right um so

2075

01:15:28,950 --> 01:15:26,480

you know he's just saying i don't need

2076

01:15:31,510 --> 01:15:28,960

the the fact that these injuries occur

2077

01:15:32,950 --> 01:15:31,520

does is not a smoking gun

2078

01:15:34,870 --> 01:15:32,960

for uap

2079

01:15:35,910 --> 01:15:34,880

so you know he's being a good scientist

2080

01:15:39,510 --> 01:15:35,920

about it

2081

01:15:41,990 --> 01:15:39,520

but the the only thing that you have to

2082

01:15:44,390 --> 01:15:42,000

sort of walk away from with it is some

2083

01:15:46,630 --> 01:15:44,400

of the people say

2084

01:15:49,110 --> 01:15:46,640

that the proximal cause

2085

01:15:50,310 --> 01:15:49,120

was an object that showed up

2086

01:15:52,470 --> 01:15:50,320

it wasn't they were working in their

2087

01:15:53,590 --> 01:15:52,480

office at the you know at the havana you

2088

01:15:56,070 --> 01:15:53,600

know american

2089

01:15:57,430 --> 01:15:56,080

embassy and they got headaches you know

2090

01:15:58,950 --> 01:15:57,440

these were people who were in the field

2091

01:16:00,709 --> 01:15:58,960

who saw something and something happened

2092

01:16:02,550 --> 01:16:00,719

to them the cash laundromat case is

2093

01:16:03,590 --> 01:16:02,560

probably one of the best

2094

01:16:07,270 --> 01:16:03,600

in

2095

01:16:10,229 --> 01:16:07,280

i went through this recently released

2096

01:16:11,990 --> 01:16:10,239

dirt document from 2009 the dirt

2097

01:16:13,990 --> 01:16:12,000

document that i'm referencing is called

2098

01:16:16,550 --> 01:16:14,000

the defense intelligence reference

2099

01:16:18,470 --> 01:16:16,560

document it's titled anomalous acute and

2100

01:16:20,790 --> 01:16:18,480

subacute field effects on human

2101
01:16:23,750 --> 01:16:20,800
biological tissues you can find a link

2102
01:16:25,510 --> 01:16:23,760
to it in the description

2103
01:16:28,310 --> 01:16:25,520
i went through this recently released

2104
01:16:30,070 --> 01:16:28,320
dirt document from 2009 i went through

2105
01:16:32,229 --> 01:16:30,080
it not with a fine-tooth comb with a

2106
01:16:34,310 --> 01:16:32,239
regular comb let's say

2107
01:16:35,590 --> 01:16:34,320
i skimmed it and i want to read a

2108
01:16:37,030 --> 01:16:35,600
passage to you and i want to know what

2109
01:16:38,870 --> 01:16:37,040
you make of it it said based on

2110
01:16:41,189 --> 01:16:38,880
historical cases humans have been found

2111
01:16:43,270 --> 01:16:41,199
to be injured from the exposures to

2112
01:16:45,350 --> 01:16:43,280
anomalous vehicles especially airborne

2113
01:16:47,110 --> 01:16:45,360

and when in relatively close proximity

2114

01:16:48,470 --> 01:16:47,120

and then i said okay especially airborne

2115

01:16:50,870 --> 01:16:48,480

which to me implies that there are some

2116

01:16:52,870 --> 01:16:50,880

non-airborne cases so what are these

2117

01:16:54,149 --> 01:16:52,880

non-airborne type vehicles and what's

2118

01:16:55,830 --> 01:16:54,159

the difference between the effects on

2119

01:16:59,110 --> 01:16:55,840

the witnesses from non-airborne versus

2120

01:17:02,149 --> 01:16:59,120

airborne uh i i don't know the specifics

2121

01:17:03,590 --> 01:17:02,159

that are being discussed there um you

2122

01:17:07,189 --> 01:17:03,600

know

2123

01:17:08,790 --> 01:17:07,199

thing is landed

2124

01:17:10,870 --> 01:17:08,800

i i don't know i don't know the

2125

01:17:11,910 --> 01:17:10,880

individual cases unfortunately

2126
01:17:13,430 --> 01:17:11,920
um

2127
01:17:15,590 --> 01:17:13,440
and uh

2128
01:17:19,350 --> 01:17:15,600
again it's um

2129
01:17:20,709 --> 01:17:19,360
i i can't pry them out of out of kit

2130
01:17:21,590 --> 01:17:20,719
for good reason

2131
01:17:23,350 --> 01:17:21,600
uh

2132
01:17:26,149 --> 01:17:23,360
for all the reasons that you you know he

2133
01:17:27,750 --> 01:17:26,159
just he just can't let these cases out

2134
01:17:30,149 --> 01:17:27,760
it doesn't have anything to do with uap

2135
01:17:30,950 --> 01:17:30,159
it's just i i i couldn't force this

2136
01:17:32,950 --> 01:17:30,960
stuff

2137
01:17:35,030 --> 01:17:32,960
i i can't force the information out of

2138
01:17:37,030 --> 01:17:35,040

some of the cancer patients from the

2139

01:17:38,870 --> 01:17:37,040

cancer patients that the doctors i work

2140

01:17:40,229 --> 01:17:38,880

with because they're rightly protecting

2141

01:17:42,390 --> 01:17:40,239

their privacy

2142

01:17:43,430 --> 01:17:42,400

you know people have great questions but

2143

01:17:47,110 --> 01:17:43,440

they think

2144

01:17:49,590 --> 01:17:47,120

we can just play

2145

01:17:51,910 --> 01:17:49,600

you know willy-nilly with people's

2146

01:17:53,750 --> 01:17:51,920

private data you can't and it is i'm not

2147

01:17:55,430 --> 01:17:53,760

hiding behind it i'm telling you as much

2148

01:17:57,189 --> 01:17:55,440

as what i know

2149

01:17:58,470 --> 01:17:57,199

but um at the end of the day the

2150

01:18:00,950 --> 01:17:58,480

specifics

2151

01:18:03,350 --> 01:18:00,960

uh will remain

2152

01:18:05,030 --> 01:18:03,360

you know uh out of reach

2153

01:18:07,430 --> 01:18:05,040

uh i think the

2154

01:18:12,390 --> 01:18:07,440

what people should take away from it is

2155

01:18:13,910 --> 01:18:12,400

that it's it's reason to attempt to fund

2156

01:18:16,550 --> 01:18:13,920

true research

2157

01:18:17,750 --> 01:18:16,560

what we would call prospective

2158

01:18:20,790 --> 01:18:17,760

research

2159

01:18:23,669 --> 01:18:20,800

uh prepare to collect the data

2160

01:18:27,350 --> 01:18:23,679

in you know in a going forward manner as

2161

01:18:30,870 --> 01:18:27,360

opposed to retrospective analysis of old

2162

01:18:32,709 --> 01:18:30,880

cases where you're you're trying to

2163

01:18:34,470 --> 01:18:32,719

piece together something that happened

2164

01:18:36,630 --> 01:18:34,480

in the distant past

2165

01:18:38,550 --> 01:18:36,640

you prefer perspective i prefer

2166

01:18:40,229 --> 01:18:38,560

perspective now retrospective i mean we

2167

01:18:42,550 --> 01:18:40,239

do retrospective studies all the time on

2168

01:18:45,110 --> 01:18:42,560

cancer you know we with a large enough

2169

01:18:47,590 --> 01:18:45,120

cohort of individuals of colorectal

2170

01:18:49,590 --> 01:18:47,600

cancer for instance we can use

2171

01:18:52,070 --> 01:18:49,600

you know biological analyses of the of

2172

01:18:53,350 --> 01:18:52,080

the tissue and find signatures of

2173

01:18:56,070 --> 01:18:53,360

outcome

2174

01:18:57,990 --> 01:18:56,080

right because retrospective we know what

2175

01:18:59,510 --> 01:18:58,000

the we know what the

2176

01:19:01,270 --> 01:18:59,520

disease was we know what the drug that

2177

01:19:03,270 --> 01:19:01,280

they were given and we know what the

2178

01:19:04,550 --> 01:19:03,280

outcome was for those patients and so

2179

01:19:06,550 --> 01:19:04,560

now what you're doing is you're looking

2180

01:19:07,990 --> 01:19:06,560

amongst the patients who had a good

2181

01:19:10,310 --> 01:19:08,000

outcome versus those that had a bad

2182

01:19:13,110 --> 01:19:10,320

outcome and saying was there a was there

2183

01:19:15,750 --> 01:19:13,120

a tissue structure that predicted the

2184

01:19:17,669 --> 01:19:15,760

good outcome or the bad outcome because

2185

01:19:20,229 --> 01:19:17,679

that tissue structure was going to be

2186

01:19:22,950 --> 01:19:20,239

susceptible to the drug

2187

01:19:25,669 --> 01:19:22,960

right to make the drug be more likely to

2188

01:19:27,750 --> 01:19:25,679

operate and work than not

2189

01:19:28,950 --> 01:19:27,760

and so that's just that's how these

2190

01:19:33,990 --> 01:19:28,960

prospective

2191

01:19:37,110 --> 01:19:34,000

setting up to do this and i'm going to

2192

01:19:39,830 --> 01:19:37,120

collect the data knowingly and i'm going

2193

01:19:42,149 --> 01:19:39,840

to create inclusion exclusion criteria

2194

01:19:44,149 --> 01:19:42,159

that bring the right kinds of patients

2195

01:19:46,070 --> 01:19:44,159

in and then i so i know i'm working with

2196

01:19:47,750 --> 01:19:46,080

apples and apples

2197

01:19:50,229 --> 01:19:47,760

right so

2198

01:19:51,990 --> 01:19:50,239

you work with retrospective usually to

2199

01:19:53,990 --> 01:19:52,000

form hypotheses

2200

01:19:55,830 --> 01:19:54,000

interesting of what it is that you want

2201
01:19:57,830 --> 01:19:55,840
to do and then you prove the

2202
01:19:59,669 --> 01:19:57,840
retrospective

2203
01:20:02,830 --> 01:19:59,679
conclusions

2204
01:20:05,430 --> 01:20:02,840
uh with a prospective new study that's

2205
01:20:06,870 --> 01:20:05,440
tailored specifically to look at the

2206
01:20:08,229 --> 01:20:06,880
things that you think

2207
01:20:09,669 --> 01:20:08,239
are important

2208
01:20:11,189 --> 01:20:09,679
are there any retrospective or

2209
01:20:12,149 --> 01:20:11,199
prospective

2210
01:20:14,149 --> 01:20:12,159
studies

2211
01:20:16,470 --> 01:20:14,159
that you know about on psychedelics and

2212
01:20:18,470 --> 01:20:16,480
ufos or psychedelics potentially

2213
01:20:20,070 --> 01:20:18,480

summoning certain beings via some

2214

01:20:21,990 --> 01:20:20,080

meditative technique

2215

01:20:24,390 --> 01:20:22,000

so i again i was talking to this this

2216

01:20:26,149 --> 01:20:24,400

group in la that are doing they're

2217

01:20:29,030 --> 01:20:26,159

serious scientists

2218

01:20:32,550 --> 01:20:29,040

that have um a potentially wealthy

2219

01:20:34,229 --> 01:20:32,560

benefactor to to do just this i mean i'm

2220

01:20:36,229 --> 01:20:34,239

not doing the study with them they just

2221

01:20:39,270 --> 01:20:36,239

called me to get my perspective

2222

01:20:42,470 --> 01:20:39,280

on it um and so i hope that they

2223

01:20:44,149 --> 01:20:42,480

go ahead and and do it because

2224

01:20:46,229 --> 01:20:44,159

you know there's there's lots of people

2225

01:20:49,669 --> 01:20:46,239

willing to partake in those kinds of

2226

01:20:51,590 --> 01:20:49,679

studies uh there's frankly no nih

2227

01:20:53,510 --> 01:20:51,600

program that's ever going to be funded

2228

01:20:55,510 --> 01:20:53,520

in the near future

2229

01:20:57,030 --> 01:20:55,520

for for doing this kind of stuff for all

2230

01:20:58,709 --> 01:20:57,040

the reasons we know

2231

01:21:01,830 --> 01:20:58,719

um so

2232

01:21:03,110 --> 01:21:01,840

you know the uh a wealthy and interested

2233

01:21:04,390 --> 01:21:03,120

benefactor

2234

01:21:06,790 --> 01:21:04,400

um

2235

01:21:08,550 --> 01:21:06,800

is really the next best thing

2236

01:21:10,229 --> 01:21:08,560

for that

2237

01:21:12,310 --> 01:21:10,239

do psychedelics have any role to play in

2238

01:21:13,669 --> 01:21:12,320

the caudate putiman connection

2239

01:21:15,350 --> 01:21:13,679

and by the way is this a red herring

2240

01:21:16,950 --> 01:21:15,360

because earlier you mentioned well just

2241

01:21:18,629 --> 01:21:16,960

because it's overgrown here it could

2242

01:21:19,910 --> 01:21:18,639

imply a lesser growth somewhere else

2243

01:21:20,870 --> 01:21:19,920

yeah that could be what's actually worth

2244

01:21:22,629 --> 01:21:20,880

that could be

2245

01:21:24,870 --> 01:21:22,639

yeah i mean or it could limit i mean if

2246

01:21:26,709 --> 01:21:24,880

you're you know if you it's like a fuel

2247

01:21:27,510 --> 01:21:26,719

injector um

2248

01:21:29,030 --> 01:21:27,520

uh

2249

01:21:31,750 --> 01:21:29,040

you know if you if you limit the amount

2250

01:21:34,390 --> 01:21:31,760

of fuel going into one part of the brain

2251

01:21:36,790 --> 01:21:34,400

uh then doesn't matter how good the

2252

01:21:39,590 --> 01:21:36,800

upstream process is if there's a

2253

01:21:41,110 --> 01:21:39,600

filter it never makes it you know the

2254

01:21:43,990 --> 01:21:41,120

rest of the way

2255

01:21:47,669 --> 01:21:44,000

um now

2256

01:21:51,590 --> 01:21:49,830

let's say dmt or these other

2257

01:21:53,750 --> 01:21:51,600

psychedelics operate and what they do to

2258

01:21:55,270 --> 01:21:53,760

the to the brain i i haven't seen

2259

01:21:57,669 --> 01:21:55,280

anything yet on it

2260

01:21:59,270 --> 01:21:57,679

um the problem is that these are of

2261

01:22:02,390 --> 01:21:59,280

course almost all

2262

01:22:04,870 --> 01:22:02,400

you know uh scheduled drugs meaning they

2263

01:22:07,030 --> 01:22:04,880

have limitations on their uses

2264

01:22:08,790 --> 01:22:07,040

and i do know of there's a guy at

2265

01:22:12,629 --> 01:22:08,800

stanford and there's a guy i think at

2266

01:22:14,229 --> 01:22:12,639

johns hopkins again i was asking my um

2267

01:22:17,750 --> 01:22:14,239

my uh

2268

01:22:19,750 --> 01:22:17,760

um psychiatry chair neighbor about this

2269

01:22:21,750 --> 01:22:19,760

for exactly the reasons you're asking

2270

01:22:22,870 --> 01:22:21,760

you know who's doing these studies right

2271

01:22:27,590 --> 01:22:22,880

now

2272

01:22:30,709 --> 01:22:27,600

um and uh the guy in la uh is actually a

2273

01:22:32,950 --> 01:22:30,719

very well-known doctor uh in this area

2274

01:22:34,229 --> 01:22:32,960

uh so he's associated with the program

2275

01:22:37,510 --> 01:22:34,239

with that program that they're trying to

2276

01:22:40,390 --> 01:22:37,520

run uh and um i think the brain

2277

01:22:43,110 --> 01:22:40,400

morphometry tools that we're building

2278

01:22:44,550 --> 01:22:43,120

will be useful to these individuals and

2279

01:22:46,870 --> 01:22:44,560

the data sets that we're producing will

2280

01:22:51,350 --> 01:22:46,880

be useful to these individuals

2281

01:22:53,350 --> 01:22:51,360

um and how dmt or you know psilocybin or

2282

01:22:55,669 --> 01:22:53,360

you know lsd uh

2283

01:22:58,629 --> 01:22:55,679

work into it i i don't know

2284

01:22:59,669 --> 01:22:58,639

um so but i'll be fascinated to see the

2285

01:23:01,590 --> 01:22:59,679

results

2286

01:23:04,390 --> 01:23:01,600

do you surmise that psychedelics are

2287

01:23:06,550 --> 01:23:04,400

acting as a removal of filters and

2288

01:23:09,350 --> 01:23:06,560

allowing in senses sorry and allowing in

2289

01:23:11,270 --> 01:23:09,360

sensory information absolutely yeah okay

2290

01:23:13,430 --> 01:23:11,280

and then it seems to me to be a

2291

01:23:15,590 --> 01:23:13,440

component of one generating it from

2292

01:23:17,110 --> 01:23:15,600

within one's own mind and then there is

2293

01:23:19,110 --> 01:23:17,120

possibly the other element of one

2294

01:23:20,470 --> 01:23:19,120

allowing in information that wouldn't

2295

01:23:23,350 --> 01:23:20,480

allow and then they have to mingle in

2296

01:23:25,590 --> 01:23:23,360

some manner right right yeah i mean i've

2297

01:23:26,790 --> 01:23:25,600

said this before that whatever people

2298

01:23:28,790 --> 01:23:26,800

think

2299

01:23:31,430 --> 01:23:28,800

electrosensory

2300

01:23:33,189 --> 01:23:31,440

uh extra sensory perception might be

2301

01:23:35,270 --> 01:23:33,199

um

2302

01:23:36,629 --> 01:23:35,280

whether it's real or not and

2303

01:23:39,510 --> 01:23:36,639

uh

2304

01:23:41,430 --> 01:23:39,520

it has to overlay

2305

01:23:42,790 --> 01:23:41,440

it eventually wherever the information

2306

01:23:45,669 --> 01:23:42,800

comes in

2307

01:23:47,350 --> 01:23:45,679

it has to overlay onto the normal or it

2308

01:23:50,229 --> 01:23:47,360

seems to be overlaying onto the normal

2309

01:23:53,510 --> 01:23:50,239

senses right people see things or they

2310

01:23:54,950 --> 01:23:53,520

hear things or they feel something emotive

2311

01:23:58,550 --> 01:23:54,960

emotionally

2312

01:23:59,350 --> 01:23:58,560

um or some mixture of the of the above

2313

01:24:02,229 --> 01:23:59,360

so

2314

01:24:03,990 --> 01:24:02,239

you know you you have an internal screen

2315

01:24:06,070 --> 01:24:04,000

in your head you can close your eyes and

2316

01:24:08,629 --> 01:24:06,080

you can see things

2317

01:24:10,149 --> 01:24:08,639

when you dream you see it

2318

01:24:11,910 --> 01:24:10,159

in even more

2319

01:24:13,990 --> 01:24:11,920

stark clarity

2320

01:24:19,350 --> 01:24:14,000

so

2321

01:24:20,790 --> 01:24:19,360

it is

2322

01:24:22,709 --> 01:24:20,800

it somehow

2323

01:24:26,070 --> 01:24:22,719

sits on top of

2324

01:24:27,430 --> 01:24:26,080

the sensory system that you already have

2325

01:24:30,550 --> 01:24:27,440

and

2326

01:24:32,950 --> 01:24:30,560

overlays the information into that if

2327

01:24:35,510 --> 01:24:32,960

we are purely materialistic beings now

2328

01:24:36,870 --> 01:24:35,520

you can start asking questions about

2329

01:24:38,070 --> 01:24:36,880

consciousness

2330

01:24:39,830 --> 01:24:38,080

maybe it has nothing to do with the

2331

01:24:42,950 --> 01:24:39,840

brain at all but wherever our

2332

01:24:45,830 --> 01:24:42,960

consciousness resides out there in

2333

01:24:48,149 --> 01:24:45,840

the 23rd dimension or whatever

2334

01:24:49,430 --> 01:24:48,159

um that all the information is going on

2335

01:24:51,590 --> 01:24:49,440

back there all the passage of

2336

01:24:52,550 --> 01:24:51,600

information is going on back there

2337

01:24:54,070 --> 01:24:52,560

and then

2338

01:24:56,709 --> 01:24:54,080

it's basically

2339

01:25:00,070 --> 01:24:56,719

moving it back down into the neurons

2340

01:25:02,229 --> 01:25:00,080

and so we might never find the antenna

2341

01:25:03,350 --> 01:25:02,239

because the antenna actually sits out

2342

01:25:05,110 --> 01:25:03,360

there

2343

01:25:07,590 --> 01:25:05,120

maybe the ant maybe consciousness

2344

01:25:08,950 --> 01:25:07,600

there's a great physicist i think i have

2345

01:25:10,470 --> 01:25:08,960

i should find his

2346

01:25:12,950 --> 01:25:10,480

stuart hammer off

2347

01:25:16,310 --> 01:25:12,960

no no it's a different he's a he's a

2348

01:25:19,669 --> 01:25:16,320

german physicist from the 1950s 60s or

2349

01:25:21,990 --> 01:25:19,679

so he came up with this physics of um

2350

01:25:23,910 --> 01:25:22,000

you know one of these grand theories of

2351

01:25:25,189 --> 01:25:23,920

of physics

2352

01:25:27,430 --> 01:25:25,199

and basically

2353

01:25:29,669 --> 01:25:27,440

uh he he's not well accepted by many

2354

01:25:31,350 --> 01:25:29,679

people but he's still followed by some

2355

01:25:33,510 --> 01:25:31,360

this notion that

2356

01:25:36,790 --> 01:25:33,520

that structures of physicality can be

2357

01:25:39,189 --> 01:25:36,800

created that he he basically said that

2358

01:25:41,270 --> 01:25:39,199

at a certain level of complexity of a

2359

01:25:42,790 --> 01:25:41,280

structure that's formed you can

2360

01:25:46,390 --> 01:25:42,800

instantiate

2361

01:25:50,070 --> 01:25:46,400

a um a self-perpetuating

2362

01:25:51,510 --> 01:25:50,080

object an entity that he said is

2363

01:25:53,750 --> 01:25:51,520

for all intents and purposes

2364

01:25:55,910 --> 01:25:53,760

consciousness or the soul

2365

01:25:58,709 --> 01:25:55,920

so that you know his

2366

01:26:00,870 --> 01:25:58,719

theory his hypothesis his premise was

2367

01:26:02,149 --> 01:26:00,880

basically that

2368

01:26:04,629 --> 01:26:02,159

evolution

2369

01:26:08,390 --> 01:26:04,639

and brain structure etc the purpose of

2370

01:26:10,870 --> 01:26:08,400

it was to basically create the flowering

2371

01:26:13,189 --> 01:26:10,880

of an object that he would call

2372

01:26:14,629 --> 01:26:13,199

consciousness that could then exist

2373

01:26:16,709 --> 01:26:14,639

independently

2374

01:26:19,270 --> 01:26:16,719

of the object that created it

2375

01:26:22,149 --> 01:26:19,280

it's sort of like was the that the the

2376

01:26:24,070 --> 01:26:22,159

body is a birth is a birth vessel for

2377

01:26:26,310 --> 01:26:24,080

the formation and he said at least i

2378

01:26:29,350 --> 01:26:26,320

mean there's lots of you know uh

2379

01:26:31,189 --> 01:26:29,360

spirituality uh you know religions and

2380

01:26:33,430 --> 01:26:31,199

things that talk about this notion from

2381

01:26:34,709 --> 01:26:33,440

a purely less a spiritual standpoint he

2382

01:26:36,390 --> 01:26:34,719

was trying to give

2383

01:26:39,030 --> 01:26:36,400

well he wasn't trying to

2384

01:26:41,669 --> 01:26:39,040

he was basically giving a physical

2385

01:26:44,149 --> 01:26:41,679

a physics definition of how it would

2386

01:26:45,830 --> 01:26:44,159

occur and he wasn't looking for it

2387

01:26:48,149 --> 01:26:45,840

he just as he was looking at the

2388

01:26:50,950 --> 01:26:48,159

equations said this is something that

2389

01:26:52,470 --> 01:26:50,960

falls out of it

2390

01:26:54,709 --> 01:26:52,480

interesting

2391

01:26:56,629 --> 01:26:54,719

while gary is going to get the book off

2392

01:26:58,229 --> 01:26:56,639

air i asked gary about the connection

2393

01:26:59,990 --> 01:26:58,239

between blood types and the phenomenon

2394

01:27:01,669 --> 01:27:00,000

and he said there is none as far as he

2395

01:27:03,590 --> 01:27:01,679

can tell we also weren't able to get

2396

01:27:05,830 --> 01:27:03,600

into meditation and the phenomenon on

2397

01:27:06,870 --> 01:27:05,840

air so we'll save it for next time if

2398

01:27:09,110 --> 01:27:06,880

you're interested in someone who

2399

01:27:10,790 --> 01:27:09,120

investigates uaps and is an experienced

2400

01:27:12,709 --> 01:27:10,800

buddhist meditator then i recommend you

2401
01:27:16,390 --> 01:27:12,719
visit christina gomez's youtube channel

2402
01:27:21,030 --> 01:27:19,350
yeah this is something that uh

2403
01:27:22,550 --> 01:27:21,040
jacques gave me

2404
01:27:24,229 --> 01:27:22,560
i just had lunch with him yesterday up

2405
01:27:27,110 --> 01:27:24,239
at his house and he's got these book

2406
01:27:29,590 --> 01:27:27,120
collections sitting around him and i

2407
01:27:31,030 --> 01:27:29,600
just get this lust in my heart for the

2408
01:27:33,830 --> 01:27:31,040
book collection

2409
01:27:37,750 --> 01:27:33,840
um so anyway uh

2410
01:27:42,550 --> 01:27:37,760
this is ludwig ludwiger

2411
01:27:43,990 --> 01:27:42,560
uh illa brand von ludwiger um and uh

2412
01:27:45,510 --> 01:27:44,000
i mean i don't understand the math i

2413
01:27:48,070 --> 01:27:45,520

don't even pretend to

2414

01:27:49,910 --> 01:27:48,080

uh but um

2415

01:27:51,270 --> 01:27:49,920

is he still alive as far as you know no

2416

01:27:52,000 --> 01:27:51,280

i think he's dead

2417

01:27:53,270 --> 01:27:52,010

but um

2418

01:27:55,270 --> 01:27:53,280

[Music]

2419

01:27:56,790 --> 01:27:55,280

so basically this is like almost this is

2420

01:27:58,310 --> 01:27:56,800

the end and i don't well according to

2421

01:28:00,629 --> 01:27:58,320

his theory he's not dead but

2422

01:28:03,830 --> 01:28:00,639

yeah according to but basically this

2423

01:28:08,870 --> 01:28:03,840

structure that he draws here at the end

2424

01:28:11,030 --> 01:28:08,880

is uh a visual representation of um

2425

01:28:13,510 --> 01:28:11,040

of how when

2426

01:28:16,390 --> 01:28:13,520

a certain structure is created

2427

01:28:18,390 --> 01:28:16,400

uh at the top of it

2428

01:28:22,310 --> 01:28:18,400

through these levels of organization

2429

01:28:23,830 --> 01:28:22,320

consciousness would form because of it

2430

01:28:24,790 --> 01:28:23,840

um and

2431

01:28:26,390 --> 01:28:24,800

uh

2432

01:28:28,470 --> 01:28:26,400

that then you could take away the

2433

01:28:29,510 --> 01:28:28,480

underlying structure

2434

01:28:31,350 --> 01:28:29,520

uh

2435

01:28:32,790 --> 01:28:31,360

formed it and then this would continue

2436

01:28:33,590 --> 01:28:32,800

to exist

2437

01:28:34,870 --> 01:28:33,600

okay

2438

01:28:36,870 --> 01:28:34,880

independently

2439

01:28:38,629 --> 01:28:36,880

um which is interesting the reason why i

2440

01:28:40,390 --> 01:28:38,639

like this and he didn't really talk

2441

01:28:42,709 --> 01:28:40,400

about this he talks about it in the

2442

01:28:46,629 --> 01:28:42,719

context of um

2443

01:28:49,669 --> 01:28:46,639

of uh of biology but

2444

01:28:51,590 --> 01:28:49,679

if it's right it means you could create

2445

01:28:54,229 --> 01:28:51,600

an artificial intelligence which was in

2446

01:28:57,510 --> 01:28:54,239

and of itself

2447

01:28:58,870 --> 01:28:57,520

would could become conscious

2448

01:28:59,750 --> 01:28:58,880

you know most

2449

01:29:02,390 --> 01:28:59,760

um

2450

01:29:04,229 --> 01:29:02,400

you know scientists working in ai never

2451
01:29:06,629 --> 01:29:04,239
think that we will have

2452
01:29:08,709 --> 01:29:06,639
the ability to create a conscious i mean

2453
01:29:12,229 --> 01:29:08,719
that anything that we create

2454
01:29:13,990 --> 01:29:12,239
uh that looks conscious is just a a darn

2455
01:29:14,790 --> 01:29:14,000
good simulation

2456
01:29:18,310 --> 01:29:14,800
of

2457
01:29:20,470 --> 01:29:18,320
test

2458
01:29:21,910 --> 01:29:20,480
but it would just be a darn good

2459
01:29:23,189 --> 01:29:21,920
simulation

2460
01:29:24,950 --> 01:29:23,199
uh

2461
01:29:26,310 --> 01:29:24,960
but it's not really conscious

2462
01:29:27,990 --> 01:29:26,320
um

2463
01:29:29,110 --> 01:29:28,000

so you know it so therefore it has no

2464

01:29:33,830 --> 01:29:29,120

rights

2465

01:29:35,830 --> 01:29:33,840

you know it's a big argument that's been

2466

01:29:37,430 --> 01:29:35,840

played out in science fiction for for

2467

01:29:39,669 --> 01:29:37,440

many years

2468

01:29:41,350 --> 01:29:39,679

what this guy is basically saying

2469

01:29:43,189 --> 01:29:41,360

and i don't know anything about the math

2470

01:29:45,510 --> 01:29:43,199

i just find it interesting i get

2471

01:29:49,669 --> 01:29:45,520

interested in these kinds of ideas yeah

2472

01:29:52,470 --> 01:29:49,679

that you could create an object

2473

01:29:55,110 --> 01:29:52,480

humans might someday be able to

2474

01:29:56,709 --> 01:29:55,120

without using biology but using purely

2475

01:29:57,669 --> 01:29:56,719

materialistic

2476

01:29:58,790 --> 01:29:57,679

uh

2477

01:30:02,229 --> 01:29:58,800

approaches

2478

01:30:03,750 --> 01:30:02,239

build a sufficiently complex machine

2479

01:30:06,550 --> 01:30:03,760

that creates

2480

01:30:08,709 --> 01:30:06,560

an object with consciousness and a soul

2481

01:30:10,470 --> 01:30:08,719

that's fascinating

2482

01:30:12,390 --> 01:30:10,480

you know so he is

2483

01:30:14,310 --> 01:30:12,400

go ahead did he say whether or not this

2484

01:30:16,310 --> 01:30:14,320

soul would survive

2485

01:30:18,310 --> 01:30:16,320

for an indeterminate amount of time yes

2486

01:30:20,470 --> 01:30:18,320

yes yes but yeah that's what he's saying

2487

01:30:22,790 --> 01:30:20,480

yeah take away the you can take away the

2488

01:30:24,149 --> 01:30:22,800

thing that caused it and it lives unto

2489

01:30:25,669 --> 01:30:24,159

itself

2490

01:30:27,830 --> 01:30:25,679

no now a lot of the reason i'm asking

2491

01:30:29,510 --> 01:30:27,840

about the time aspect is because like

2492

01:30:31,430 --> 01:30:29,520

imagine a flower then it gives rise to

2493

01:30:32,870 --> 01:30:31,440

some pollen well that pollen lives

2494

01:30:34,950 --> 01:30:32,880

independent of the flower but the pollen

2495

01:30:36,310 --> 01:30:34,960

also at some point dies so i'm one right

2496

01:30:37,669 --> 01:30:36,320

okay just because it gives birth it

2497

01:30:38,870 --> 01:30:37,679

doesn't mean that it's in depth yeah no

2498

01:30:40,870 --> 01:30:38,880

it doesn't mean it's indefinite it means

2499

01:30:42,310 --> 01:30:40,880

it needs a certain structure to

2500

01:30:43,270 --> 01:30:42,320

to create that

2501

01:30:45,110 --> 01:30:43,280

okay

2502

01:30:48,149 --> 01:30:45,120

you know i mean

2503

01:30:49,910 --> 01:30:48,159

read his the the the piece it's uh yeah

2504

01:30:52,070 --> 01:30:49,920

i'll send you a copy of it if you want

2505

01:30:53,669 --> 01:30:52,080

please please yeah

2506

01:30:55,830 --> 01:30:53,679

it's fascinating again i don't know the

2507

01:30:57,750 --> 01:30:55,840

math and a lot of

2508

01:30:58,629 --> 01:30:57,760

a lot of physicists

2509

01:31:00,310 --> 01:30:58,639

just

2510

01:31:03,830 --> 01:31:00,320

dismiss him outright

2511

01:31:06,229 --> 01:31:03,840

but as with any of these uh theories

2512

01:31:08,950 --> 01:31:06,239

there's a little often cult-like

2513

01:31:11,669 --> 01:31:08,960

following of people who you know are

2514

01:31:13,750 --> 01:31:11,679

absolutely determined to prove that he's

2515

01:31:17,030 --> 01:31:13,760

right in fact the the the piece is

2516

01:31:18,629 --> 01:31:17,040

written by somebody else is writing

2517

01:31:23,189 --> 01:31:18,639

about

2518

01:31:25,910 --> 01:31:23,199

and kind of collecting it into a to a

2519

01:31:27,830 --> 01:31:25,920

little treat i see i see

2520

01:31:29,750 --> 01:31:27,840

gary and i spoke briefly over email

2521

01:31:31,430 --> 01:31:29,760

afterward and gary said the following to

2522

01:31:33,590 --> 01:31:31,440

me with the caveat of letting the

2523

01:31:35,510 --> 01:31:33,600

audience know that this is not what gary

2524

01:31:37,430 --> 01:31:35,520

actually thinks is quote unquote true

2525

01:31:39,830 --> 01:31:37,440

it's simply interesting mathematics that

2526

01:31:41,350 --> 01:31:39,840

expands one's thinking on the matter

2527

01:31:43,510 --> 01:31:41,360

look at the last sentence of this

2528

01:31:45,830 --> 01:31:43,520

document fascinating emergent property

2529

01:31:47,830 --> 01:31:45,840

he claims again i don't know if this is

2530

01:31:50,070 --> 01:31:47,840

true or anything it's just fun to think

2531

01:31:52,709 --> 01:31:50,080

about the quote is moreover they can

2532

01:31:55,510 --> 01:31:52,719

continue to exist autonomous as persona

2533

01:31:58,310 --> 01:31:55,520

without material reconnection basically

2534

01:32:01,270 --> 01:31:58,320

consciousness or a soul once created can

2535

01:32:03,350 --> 01:32:01,280

exist independently what is not explored

2536

01:32:05,189 --> 01:32:03,360

in figure 9 of the paper he sets up

2537

01:32:06,629 --> 01:32:05,199

humans as the last in the series of

2538

01:32:09,830 --> 01:32:06,639

entities that are created through his

2539

01:32:11,590 --> 01:32:09,840

physics starting at bioforce bracket

2540

01:32:13,910 --> 01:32:11,600

minimal sets of organization of

2541

01:32:15,990 --> 01:32:13,920

space-time objects close bracket up

2542

01:32:17,910 --> 01:32:16,000

through animals and primates with humans

2543

01:32:20,149 --> 01:32:17,920

as the last in the series

2544

01:32:21,990 --> 01:32:20,159

what might be next

2545

01:32:23,430 --> 01:32:22,000

i haven't done much research on this but

2546

01:32:26,870 --> 01:32:23,440

what are your thoughts on remote viewing

2547

01:32:28,550 --> 01:32:26,880

since we're on a similar tangent

2548

01:32:31,270 --> 01:32:28,560

well i think it's i mean like that guy

2549

01:32:33,350 --> 01:32:31,280

tyler henry that i just spoke about um

2550

01:32:37,430 --> 01:32:33,360

with that on that netflix show

2551

01:32:38,550 --> 01:32:37,440

uh sweet sweet guy he's like 27 or so

2552

01:32:40,470 --> 01:32:38,560

um

2553

01:32:42,550 --> 01:32:40,480

and uh

2554

01:32:43,830 --> 01:32:42,560

i mean it's a form of coordinate revo

2555

01:32:46,629 --> 01:32:43,840

remote viewing

2556

01:32:50,310 --> 01:32:46,639

right that thing that that jacques uh

2557

01:32:51,270 --> 01:32:50,320

basically came up with the notion that

2558

01:32:56,229 --> 01:32:51,280

the

2559

01:32:58,950 --> 01:32:56,239

focusing device

2560

01:33:01,189 --> 01:32:58,960

it's not the means and it's not even the

2561

01:33:03,270 --> 01:33:01,199

the position of the object you could be

2562

01:33:04,550 --> 01:33:03,280

any series of numbers it's just

2563

01:33:07,270 --> 01:33:04,560

something that

2564

01:33:09,510 --> 01:33:07,280

you use to

2565

01:33:11,590 --> 01:33:09,520

link to the

2566

01:33:12,629 --> 01:33:11,600

to the whatever it is you're trying to

2567

01:33:16,470 --> 01:33:12,639

see

2568

01:33:18,550 --> 01:33:16,480

so this guy tyler henry uses objects

2569

01:33:20,709 --> 01:33:18,560

from the person

2570

01:33:22,629 --> 01:33:20,719

that he's supposedly

2571

01:33:26,870 --> 01:33:22,639

seeing uh okay

2572

01:33:28,790 --> 01:33:26,880

and uh you know it's not that it has any

2573

01:33:31,270 --> 01:33:28,800

role i think other than something that

2574

01:33:33,189 --> 01:33:31,280

focuses this guy's mind to allow either

2575

01:33:35,189 --> 01:33:33,199

his purely mainstream intuitive

2576

01:33:36,790 --> 01:33:35,199

processes to come into play

2577

01:33:39,430 --> 01:33:36,800

or something stranger

2578

01:33:42,229 --> 01:33:39,440

and i'm you know i i don't know where to

2579

01:33:43,990 --> 01:33:42,239

fall except to say that

2580

01:33:45,990 --> 01:33:44,000

whatever he seems to do is remarkable no

2581

01:33:49,350 --> 01:33:46,000

matter how he does it

2582

01:33:51,189 --> 01:33:49,360

the sun released a 1500 page document

2583

01:33:52,790 --> 01:33:51,199

or a set of documents

2584

01:33:54,149 --> 01:33:52,800

related to ufos

2585

01:33:55,590 --> 01:33:54,159

now i'm not sure if you had a chance to

2586

01:33:57,189 --> 01:33:55,600

go through it even with the cursory

2587

01:33:58,790 --> 01:33:57,199

glance but if you did what stood out to

2588

01:34:00,550 --> 01:33:58,800

you and what do you think that what made

2589

01:34:03,189 --> 01:34:00,560

someone like you even you say wow that's

2590

01:34:04,550 --> 01:34:03,199

interesting i didn't know that

2591

01:34:05,430 --> 01:34:04,560

um

2592

01:34:07,270 --> 01:34:05,440

well

2593

01:34:09,350 --> 01:34:07,280

some of the cases that kit was talking

2594

01:34:10,229 --> 01:34:09,360

about most of what was in there that the

2595

01:34:12,790 --> 01:34:10,239

sun

2596

01:34:14,390 --> 01:34:12,800

uh focused on i haven't read the 1500

2597

01:34:16,550 --> 01:34:14,400

pages i you know

2598

01:34:18,550 --> 01:34:16,560

um my students would probably kill me if

2599

01:34:20,149 --> 01:34:18,560

i spent my time reading 1500 pages of

2600

01:34:21,350 --> 01:34:20,159

somebody else's stuff

2601
01:34:22,310 --> 01:34:21,360
rather than the papers i should be

2602
01:34:23,350 --> 01:34:22,320
editing

2603
01:34:25,350 --> 01:34:23,360
um

2604
01:34:26,629 --> 01:34:25,360
so of theirs

2605
01:34:28,470 --> 01:34:26,639
uh

2606
01:34:29,430 --> 01:34:28,480
no i i think

2607
01:34:31,110 --> 01:34:29,440
there's

2608
01:34:34,070 --> 01:34:31,120
there was frankly nothing new that i

2609
01:34:35,830 --> 01:34:34,080
didn't already know about the about the

2610
01:34:37,590 --> 01:34:35,840
biology cases

2611
01:34:39,189 --> 01:34:37,600
uh

2612
01:34:40,790 --> 01:34:39,199
because i've been talking with kid about

2613
01:34:42,229 --> 01:34:40,800

it for the last 10 years so i guess

2614

01:34:44,310 --> 01:34:42,239

there's nothing really i can say about

2615

01:34:45,910 --> 01:34:44,320

it i'm sorry

2616

01:34:47,669 --> 01:34:45,920

is there something that people should be

2617

01:34:49,270 --> 01:34:47,679

focusing on that they aren't that you're

2618

01:34:53,030 --> 01:34:49,280

wondering man people you're missing this

2619

01:34:56,790 --> 01:34:54,870

whether it's in the sun or whether it's

2620

01:34:57,750 --> 01:34:56,800

in all of these ufo reports that we've

2621

01:34:59,750 --> 01:34:57,760

heard about

2622

01:35:00,390 --> 01:34:59,760

well let's separate the

2623

01:35:06,149 --> 01:35:00,400

the

2624

01:35:07,510 --> 01:35:06,159

it

2625

01:35:12,070 --> 01:35:07,520

what's

2626
01:35:14,310 --> 01:35:12,080
focus on

2627
01:35:15,510 --> 01:35:14,320
well i say this many times the the data

2628
01:35:16,470 --> 01:35:15,520
collection

2629
01:35:17,910 --> 01:35:16,480
um

2630
01:35:20,629 --> 01:35:17,920
you know

2631
01:35:26,470 --> 01:35:20,639
bringing to bear

2632
01:35:28,390 --> 01:35:26,480
real science efforts at doing it and and

2633
01:35:29,510 --> 01:35:28,400
pointing out how little funding is going

2634
01:35:32,550 --> 01:35:29,520
into it

2635
01:35:33,590 --> 01:35:32,560
it's being done on a

2636
01:35:35,910 --> 01:35:33,600
you know

2637
01:35:38,470 --> 01:35:35,920
literally out of people's pockets

2638
01:35:40,310 --> 01:35:38,480

so the focus needs to be

2639

01:35:41,109 --> 01:35:40,320
on talking

2640

01:35:42,629 --> 01:35:41,119
to

2641

01:35:44,950 --> 01:35:42,639
friends family

2642

01:35:48,149 --> 01:35:44,960
you know uh political representatives

2643

01:35:49,830 --> 01:35:48,159
etc to say would you please fund this

2644

01:35:51,830 --> 01:35:49,840
and help us

2645

01:35:54,310 --> 01:35:51,840
understand it because the questions

2646

01:35:56,870 --> 01:35:54,320
aren't going away

2647

01:35:58,550 --> 01:35:56,880
so you know fund either the biology

2648

01:35:59,990 --> 01:35:58,560
studies or fund

2649

01:36:05,270 --> 01:36:00,000
the

2650

01:36:07,910 --> 01:36:05,280
are being done or should be done i mean

2651
01:36:09,510 --> 01:36:07,920
i i've talked about the stuff that i've

2652
01:36:11,750 --> 01:36:09,520
spent money on

2653
01:36:13,030 --> 01:36:11,760
uh personally myself

2654
01:36:15,430 --> 01:36:13,040
um

2655
01:36:16,950 --> 01:36:15,440
and and and my time

2656
01:36:18,390 --> 01:36:16,960
on it uh

2657
01:36:20,149 --> 01:36:18,400
you know it's

2658
01:36:21,830 --> 01:36:20,159
to do it right

2659
01:36:24,149 --> 01:36:21,840
you need to bring in for the materials

2660
01:36:25,750 --> 01:36:24,159
you need to bring real metallurgists

2661
01:36:27,109 --> 01:36:25,760
instrumentation that costs in the

2662
01:36:29,510 --> 01:36:27,119
millions

2663
01:36:31,030 --> 01:36:29,520

yeah you know it's and you can rent this

2664

01:36:31,990 --> 01:36:31,040

stuff you don't have to buy it you can

2665

01:36:34,390 --> 01:36:32,000

rent

2666

01:36:35,590 --> 01:36:34,400

time on somebody else's machines

2667

01:36:36,950 --> 01:36:35,600

um

2668

01:36:38,790 --> 01:36:36,960

but then you still need people to

2669

01:36:39,590 --> 01:36:38,800

analyze the data

2670

01:36:41,669 --> 01:36:39,600

so

2671

01:36:43,750 --> 01:36:41,679

you know getting together here's what i

2672

01:36:44,709 --> 01:36:43,760

would love to see somebody set up

2673

01:36:46,070 --> 01:36:44,719

is

2674

01:36:49,669 --> 01:36:46,080

you know

2675

01:36:52,629 --> 01:36:49,679

set up a consortium of people who have

2676

01:36:55,270 --> 01:36:52,639

statistical analysis and metallurgic

2677

01:36:57,350 --> 01:36:55,280

analysis that if i create the data

2678

01:37:00,070 --> 01:36:57,360

they'll help me analyze it and they'll

2679

01:37:01,270 --> 01:37:00,080

do it in a in a protected

2680

01:37:02,950 --> 01:37:01,280

data

2681

01:37:04,870 --> 01:37:02,960

um you know

2682

01:37:06,709 --> 01:37:04,880

cda you know somebody drives you know

2683

01:37:09,109 --> 01:37:06,719

writes a you know confidentiality

2684

01:37:10,310 --> 01:37:09,119

disclosure agreement so that you you get

2685

01:37:12,390 --> 01:37:10,320

to

2686

01:37:13,990 --> 01:37:12,400

you work on the data first

2687

01:37:15,830 --> 01:37:14,000

and it you know the day after you

2688

01:37:18,870 --> 01:37:15,840

collect the data somebody doesn't go to

2689

01:37:22,629 --> 01:37:18,880

twitter and put out some preliminary

2690

01:37:25,270 --> 01:37:22,639

garbage or say something about the data

2691

01:37:27,669 --> 01:37:25,280

that is you know that i as the principal

2692

01:37:29,830 --> 01:37:27,679

investigator know is not true

2693

01:37:35,189 --> 01:37:29,840

right because there's nothing worse than

2694

01:37:37,189 --> 01:37:35,199

than uh a preliminary data put out that

2695

01:37:39,030 --> 01:37:37,199

somebody else

2696

01:37:41,109 --> 01:37:39,040

says well you said this last year now

2697

01:37:42,310 --> 01:37:41,119

you're saying this here

2698

01:37:43,830 --> 01:37:42,320

right so

2699

01:37:46,390 --> 01:37:43,840

you know i would like to see somebody

2700

01:37:49,350 --> 01:37:46,400

make an effort to create some sort of a

2701

01:37:52,390 --> 01:37:49,360

an analytics group

2702

01:37:54,390 --> 01:37:52,400

that people like me could turn to to say

2703

01:37:55,590 --> 01:37:54,400

here there's a data help me understand

2704

01:37:57,590 --> 01:37:55,600

this

2705

01:37:59,030 --> 01:37:57,600

because i don't have the time to do it

2706

01:38:00,310 --> 01:37:59,040

you know and

2707

01:38:02,550 --> 01:38:00,320

so that would be great whether it's

2708

01:38:05,830 --> 01:38:02,560

biology or materials

2709

01:38:09,590 --> 01:38:05,840

so i i i want people to stop talking

2710

01:38:13,030 --> 01:38:09,600

about and arguing about

2711

01:38:15,350 --> 01:38:13,040

cases that happened long ago

2712

01:38:17,430 --> 01:38:15,360

and start

2713

01:38:21,189 --> 01:38:17,440

doing something prospective

2714

01:38:22,870 --> 01:38:21,199

right helping people do the analysis

2715

01:38:25,189 --> 01:38:22,880

now you know

2716

01:38:28,229 --> 01:38:25,199

mick west for all of the

2717

01:38:31,910 --> 01:38:28,239

uh times that i you know kind of joke

2718

01:38:34,629 --> 01:38:31,920

with him about his uh his seagulls

2719

01:38:36,790 --> 01:38:34,639

um with seagulls you know the oh online

2720

01:38:38,310 --> 01:38:36,800

he basically saying that the

2721

01:38:39,910 --> 01:38:38,320

you know some of the observations were

2722

01:38:40,790 --> 01:38:39,920

seagulls and stuff like this i mean it's

2723

01:38:44,790 --> 01:38:40,800

just

2724

01:38:46,470 --> 01:38:44,800

ridiculous but i mean at least he has

2725

01:38:47,590 --> 01:38:46,480

reached out and done some of the

2726

01:38:49,590 --> 01:38:47,600

analysis even though i think his

2727

01:38:51,350 --> 01:38:49,600

analysis is faulty

2728

01:38:53,350 --> 01:38:51,360

this is what scientists do they argue

2729

01:38:54,709 --> 01:38:53,360

with somebody else's analysis

2730

01:38:56,950 --> 01:38:54,719

which is a good thing

2731

01:38:58,709 --> 01:38:56,960

right because you know at least at least

2732

01:39:01,030 --> 01:38:58,719

somebody's trying

2733

01:39:03,189 --> 01:39:01,040

um you know and others then came out and

2734

01:39:06,310 --> 01:39:03,199

said okay well the gimbal video you

2735

01:39:09,030 --> 01:39:06,320

analyzed it wrong mick sorry

2736

01:39:10,070 --> 01:39:09,040

you know it's you know uh

2737

01:39:12,149 --> 01:39:10,080

so

2738

01:39:18,629 --> 01:39:12,159

we need

2739

01:39:20,709 --> 01:39:18,639

somebody can turn to to vet the data for

2740

01:39:23,669 --> 01:39:20,719

us

2741

01:39:28,470 --> 01:39:26,470

i mean i'm involved with with lou and

2742

01:39:30,310 --> 01:39:28,480

and others in trying to set something

2743

01:39:31,910 --> 01:39:30,320

like that up

2744

01:39:33,830 --> 01:39:31,920

you know because if no one else is going

2745

01:39:35,669 --> 01:39:33,840

to do it do it yourself so we'll set it

2746

01:39:37,830 --> 01:39:35,679

we'll set something like that up

2747

01:39:38,950 --> 01:39:37,840

and that's independent from the galileo

2748

01:39:40,709 --> 01:39:38,960

project

2749

01:39:42,149 --> 01:39:40,719

well no there's there's i mean the the

2750

01:39:44,390 --> 01:39:42,159

gala

2751

01:39:46,709 --> 01:39:44,400

one of the problems uh that way and i

2752

01:39:48,790 --> 01:39:46,719

you know i'm i'm now part of the galileo

2753

01:39:50,310 --> 01:39:48,800

project and they're doing some you know

2754

01:39:53,430 --> 01:39:50,320

amazing stuff

2755

01:39:54,870 --> 01:39:53,440

um is making sure that we aren't

2756

01:39:57,830 --> 01:39:54,880

uh

2757

01:39:58,709 --> 01:39:57,840

that they have a clear set of goals

2758

01:40:00,070 --> 01:39:58,719

and

2759

01:40:01,990 --> 01:40:00,080

um

2760

01:40:03,990 --> 01:40:02,000

but those goals are ever expanding

2761

01:40:05,830 --> 01:40:04,000

because of course they're looking uh

2762

01:40:08,629 --> 01:40:05,840

into some of the societal implications

2763

01:40:10,709 --> 01:40:08,639

and things underneath and behind it um

2764

01:40:12,550 --> 01:40:10,719

so whatever it is that we

2765

01:40:14,870 --> 01:40:12,560

create i don't want to overlap with

2766

01:40:15,910 --> 01:40:14,880

stuff that they're already doing

2767

01:40:17,590 --> 01:40:15,920

um

2768

01:40:20,070 --> 01:40:17,600

so you know that's why it's a good thing

2769

01:40:21,430 --> 01:40:20,080

for me to be part of both of these

2770

01:40:24,070 --> 01:40:21,440

operations

2771

01:40:25,669 --> 01:40:24,080

as we get them off the ground

2772

01:40:27,910 --> 01:40:25,679

what i was going to say before is that

2773

01:40:29,830 --> 01:40:27,920

to speak in defense of someone like mick

2774

01:40:31,590 --> 01:40:29,840

west is that i happen to like people

2775

01:40:33,350 --> 01:40:31,600

even if i'm not saying mick west is

2776

01:40:34,790 --> 01:40:33,360

biased but imagine that he is that he

2777

01:40:37,109 --> 01:40:34,800

just doesn't believe the conclusion that

2778

01:40:38,629 --> 01:40:37,119

these that it's non-terrestrial

2779

01:40:40,629 --> 01:40:38,639

i happen to like speaking to people who

2780

01:40:43,590 --> 01:40:40,639

are biased only because they're the ones

2781

01:40:45,590 --> 01:40:43,600

who are most motivated to find some

2782

01:40:47,430 --> 01:40:45,600

argument that you would not have found

2783

01:40:48,229 --> 01:40:47,440

and sometimes their arguments are great

2784

01:40:50,390 --> 01:40:48,239

yeah

2785

01:40:52,149 --> 01:40:50,400

no i i don't mind him i i totally

2786

01:40:53,430 --> 01:40:52,159

respect him i brought him up primarily

2787

01:40:55,669 --> 01:40:53,440

because

2788

01:40:59,030 --> 01:40:55,679

he at least is trying

2789

01:41:00,310 --> 01:40:59,040

um i you know i wish in his let's say in

2790

01:41:03,030 --> 01:41:00,320

his twitter

2791

01:41:05,510 --> 01:41:03,040

uh like profile

2792

01:41:06,390 --> 01:41:05,520

he basically says he's a debunker

2793

01:41:07,430 --> 01:41:06,400

um

2794

01:41:09,189 --> 01:41:07,440

and

2795

01:41:12,629 --> 01:41:09,199

i don't like the term debunking because

2796

01:41:13,750 --> 01:41:12,639

it basically you says you're coming in

2797

01:41:16,830 --> 01:41:13,760

with a framework

2798

01:41:21,750 --> 01:41:19,189

disprove um

2799

01:41:23,510 --> 01:41:21,760

i people have said that i'm a debunker

2800

01:41:26,310 --> 01:41:23,520

i'm not i'm just

2801

01:41:28,470 --> 01:41:26,320

i just want to explain i i come in with

2802

01:41:32,149 --> 01:41:28,480

an open mind on either side

2803

01:41:34,709 --> 01:41:32,159

um you know because i have as everybody

2804

01:41:37,030 --> 01:41:34,719

knows seen things that i personally

2805

01:41:38,870 --> 01:41:37,040

can't explain or experience things that

2806

01:41:40,629 --> 01:41:38,880

i personally can't explain

2807

01:41:44,229 --> 01:41:40,639

and they don't have any conventional

2808

01:41:45,830 --> 01:41:44,239

explanation um i'm biased because if

2809

01:41:47,189 --> 01:41:45,840

anything i'm trying to prove to myself

2810

01:41:49,350 --> 01:41:47,199

that what i saw

2811

01:41:50,870 --> 01:41:49,360

or experienced

2812

01:41:52,870 --> 01:41:50,880

was not

2813

01:41:54,950 --> 01:41:52,880

the easy thing that i could reach to to

2814

01:41:57,830 --> 01:41:54,960

say it was a uap or

2815

01:42:02,070 --> 01:41:57,840

or some sort of non-human intelligence

2816

01:42:06,310 --> 01:42:02,080

communicating with me so i

2817

01:42:09,990 --> 01:42:06,320

i have a i have a bias but i would be

2818

01:42:12,390 --> 01:42:10,000

perfectly happy to be proven

2819

01:42:15,750 --> 01:42:12,400

a hundred percent wrong

2820

01:42:18,790 --> 01:42:15,760

uh that any of this stuff is

2821

01:42:20,709 --> 01:42:18,800

uap or what have you except

2822

01:42:22,470 --> 01:42:20,719

again i can't

2823

01:42:25,669 --> 01:42:22,480

i can't uh

2824

01:42:27,030 --> 01:42:25,679

dismiss the testimonies of hundreds of

2825

01:42:29,270 --> 01:42:27,040

individuals

2826

01:42:30,709 --> 01:42:29,280

uh at some point you have to give weight

2827

01:42:32,070 --> 01:42:30,719

to that

2828

01:42:33,430 --> 01:42:32,080

in my mind

2829

01:42:34,790 --> 01:42:33,440

what are some of the experiences you

2830

01:42:36,310 --> 01:42:34,800

mentioned that you haven't mentioned

2831

01:42:38,229 --> 01:42:36,320

elsewhere because i'm sure people who

2832

01:42:41,030 --> 01:42:38,239

have followed you oh

2833

01:42:44,790 --> 01:42:41,040

well no i mean i i it's it's known that

2834

01:42:46,070 --> 01:42:44,800

i saw a craft as a young boy went right

2835

01:42:47,109 --> 01:42:46,080

over my head

2836

01:42:49,030 --> 01:42:47,119

um

2837

01:42:51,030 --> 01:42:49,040

you know 30 40 feet

2838

01:42:53,669 --> 01:42:51,040

above me right at tree level

2839

01:42:55,350 --> 01:42:53,679

um i had no idea what it was

2840

01:42:56,709 --> 01:42:55,360

when it happened i i didn't say oh

2841

01:42:58,070 --> 01:42:56,719

there's a ufo

2842

01:42:59,270 --> 01:42:58,080

it was silent

2843

01:43:00,470 --> 01:42:59,280

silent yeah

2844

01:43:01,430 --> 01:43:00,480

um

2845

01:43:03,669 --> 01:43:01,440

and

2846

01:43:05,350 --> 01:43:03,679

you know it's it was only sometime in my

2847

01:43:08,229 --> 01:43:05,360

20s or 30s

2848

01:43:09,750 --> 01:43:08,239

that it sort of clicked

2849

01:43:11,910 --> 01:43:09,760

i said well that was what you saw

2850

01:43:13,830 --> 01:43:11,920

because it always has been with me

2851
01:43:15,910 --> 01:43:13,840
you know and the reason it was with it

2852
01:43:17,189 --> 01:43:15,920
is with me because i went around to the

2853
01:43:19,510 --> 01:43:17,199
other

2854
01:43:22,149 --> 01:43:19,520
people in the neighborhood who to whom i

2855
01:43:23,590 --> 01:43:22,159
was delivering papers at the time

2856
01:43:26,470 --> 01:43:23,600
and uh

2857
01:43:27,990 --> 01:43:26,480
i said did you know did you see this

2858
01:43:29,910 --> 01:43:28,000
and explained it to them and they just

2859
01:43:33,510 --> 01:43:29,920
sort of looked at me like okay kid

2860
01:43:34,550 --> 01:43:33,520
here's your paper money you know go away

2861
01:43:37,590 --> 01:43:34,560
um

2862
01:43:38,709 --> 01:43:37,600
so that's uh

2863
01:43:40,709 --> 01:43:38,719

you know

2864

01:43:42,390 --> 01:43:40,719

that's what drives me

2865

01:43:44,149 --> 01:43:42,400

which is why i would you know call

2866

01:43:47,350 --> 01:43:44,159

myself an experimenter because i'm

2867

01:43:49,189 --> 01:43:47,360

looking to explain what it is that i saw

2868

01:43:50,470 --> 01:43:49,199

you know it isn't to me proof of

2869

01:43:56,149 --> 01:43:50,480

anything

2870

01:43:56,159 --> 01:43:59,990

shook me to my core

2871

01:44:03,350 --> 01:44:01,590

at the time did it when you were a kid

2872

01:44:04,709 --> 01:44:03,360

even yeah

2873

01:44:07,030 --> 01:44:04,719

yeah i mean

2874

01:44:08,709 --> 01:44:07,040

it it was just like this

2875

01:44:11,830 --> 01:44:08,719

how do you explain it you just say what

2876

01:44:13,990 --> 01:44:12,950

so you remember when we talked about

2877

01:44:15,510 --> 01:44:14,000

that there are some people who

2878

01:44:17,350 --> 01:44:15,520

experience seeing some phenomenon or

2879

01:44:18,390 --> 01:44:17,360

some element

2880

01:44:20,229 --> 01:44:18,400

and there are some people who didn't who

2881

01:44:21,990 --> 01:44:20,239

are right beside them now in that were

2882

01:44:23,910 --> 01:44:22,000

there some people or was it just an

2883

01:44:26,149 --> 01:44:23,920

individual who saw and then others

2884

01:44:27,990 --> 01:44:26,159

didn't where what i'm asking for was in

2885

01:44:29,750 --> 01:44:28,000

was there inter-subjective agreement

2886

01:44:31,910 --> 01:44:29,760

between at least more than one person

2887

01:44:33,189 --> 01:44:31,920

yes yeah oh yeah in some of the cases

2888

01:44:35,669 --> 01:44:33,199

absolutely

2889

01:44:37,669 --> 01:44:35,679

yeah i mean i mean the the the council

2890

01:44:39,750 --> 01:44:37,679

bluffs case is is the one in point where

2891

01:44:41,750 --> 01:44:39,760

there were like three individuals from

2892

01:44:43,910 --> 01:44:41,760

different vantage points around the town

2893

01:44:44,709 --> 01:44:43,920

of council bluffs that all saw the same

2894

01:44:48,149 --> 01:44:44,719

thing

2895

01:44:49,590 --> 01:44:48,159

a a a glowing blinking object that then

2896

01:44:52,470 --> 01:44:49,600

dropped something

2897

01:44:54,229 --> 01:44:52,480

bright to the ground and it was bright

2898

01:44:55,990 --> 01:44:54,239

because it was molten metal

2899

01:44:57,750 --> 01:44:56,000

um and then they all arrived at the same

2900

01:44:58,550 --> 01:44:57,760

time pretty much and the police showed

2901

01:45:01,189 --> 01:44:58,560

up

2902

01:45:02,629 --> 01:45:01,199

uh thinking it was a plane crash

2903

01:45:04,070 --> 01:45:02,639

and there was a blob there was a giant

2904

01:45:06,149 --> 01:45:04,080

blob of molten metal on the ground and

2905

01:45:07,750 --> 01:45:06,159

we got the pictures and everything

2906

01:45:11,189 --> 01:45:07,760

uh the original pictures kind of

2907

01:45:13,590 --> 01:45:11,199

unfortunately those those uh polaroids

2908

01:45:16,709 --> 01:45:13,600

feign go faint over time actually if

2909

01:45:19,669 --> 01:45:16,719

there's a if there's a person out there

2910

01:45:23,750 --> 01:45:19,679

who knows how to restore old polaroids

2911

01:45:25,910 --> 01:45:23,760

to enhance the original colors that was

2912

01:45:27,750 --> 01:45:25,920

there it would be nice to for them to

2913

01:45:30,550 --> 01:45:27,760

reach out to me

2914

01:45:32,629 --> 01:45:30,560

because we have the original polaroids

2915

01:45:34,709 --> 01:45:32,639

earlier you mentioned and many people

2916

01:45:37,669 --> 01:45:34,719

mentioned this that it's it may be that

2917

01:45:40,470 --> 01:45:37,679

there is some component of projections

2918

01:45:41,510 --> 01:45:40,480

when it comes to uaps

2919

01:45:43,109 --> 01:45:41,520

and then

2920

01:45:45,350 --> 01:45:43,119

it can't be all that because like you

2921

01:45:46,629 --> 01:45:45,360

said yeah there's some physical evidence

2922

01:45:48,310 --> 01:45:46,639

and then i was thinking i've heard this

2923

01:45:49,910 --> 01:45:48,320

from many other people that

2924

01:45:52,470 --> 01:45:49,920

depending on the culture at a specific

2925

01:45:54,149 --> 01:45:52,480

time the beings if there are beings they

2926

01:45:55,990 --> 01:45:54,159

make themselves comprehensible to that

2927

01:45:57,910 --> 01:45:56,000

culture so for example perhaps they

2928

01:45:59,990 --> 01:45:57,920

appear to sylvan beings like woodland

2929

01:46:01,590 --> 01:46:00,000

beings or angels to later generations

2930

01:46:03,750 --> 01:46:01,600

right and technology to us to a godless

2931

01:46:05,270 --> 01:46:03,760

nation however i don't think it can be

2932

01:46:08,470 --> 01:46:05,280

just projections because when it comes

2933

01:46:10,950 --> 01:46:08,480

to the technology side there were

2934

01:46:12,790 --> 01:46:10,960

reports of ancient flying roman shields

2935

01:46:14,390 --> 01:46:12,800

right and the government also seems to

2936

01:46:16,070 --> 01:46:14,400

be in possession of actual craft which

2937

01:46:18,310 --> 01:46:16,080

means they're physical so what accounts

2938

01:46:19,350 --> 01:46:18,320

for this

2939

01:46:20,870 --> 01:46:19,360

well

2940

01:46:24,310 --> 01:46:20,880

there's two kinds of projections we

2941

01:46:26,149 --> 01:46:24,320

think of projection in terms of our

2942

01:46:28,149 --> 01:46:26,159

you know let's say current understanding

2943

01:46:29,830 --> 01:46:28,159

a projection of something on a

2944

01:46:31,430 --> 01:46:29,840

on a 2d

2945

01:46:33,030 --> 01:46:31,440

movie screen

2946

01:46:34,070 --> 01:46:33,040

right um

2947

01:46:36,390 --> 01:46:34,080

now

2948

01:46:37,510 --> 01:46:36,400

you can have sort of a holographic

2949

01:46:40,070 --> 01:46:37,520

projection

2950

01:46:42,790 --> 01:46:40,080

which is something which appears to be

2951
01:46:45,430 --> 01:46:42,800
there and you know as and is in and of

2952
01:46:46,870 --> 01:46:45,440
itself emanating or reflecting light

2953
01:46:48,709 --> 01:46:46,880
there's a projection of something

2954
01:46:50,470 --> 01:46:48,719
potentially into your head that makes

2955
01:46:52,310 --> 01:46:50,480
you think you see something

2956
01:46:54,550 --> 01:46:52,320
but you know again if you're talking

2957
01:46:56,870 --> 01:46:54,560
about a technology that's

2958
01:47:00,709 --> 01:46:56,880
you know millions of years ahead of us

2959
01:47:03,830 --> 01:47:00,719
maybe it can project material objects

2960
01:47:05,510 --> 01:47:03,840
you know jacques uses the term often

2961
01:47:07,590 --> 01:47:05,520
the phenomenon can take a hold of a

2962
01:47:08,790 --> 01:47:07,600
volume of of space

2963
01:47:10,629 --> 01:47:08,800

and make

2964

01:47:13,030 --> 01:47:10,639

a reality real

2965

01:47:14,470 --> 01:47:13,040

right it can it can literally

2966

01:47:15,910 --> 01:47:14,480

change

2967

01:47:18,070 --> 01:47:15,920

space and

2968

01:47:20,310 --> 01:47:18,080

manifest

2969

01:47:22,709 --> 01:47:20,320

uh material objects

2970

01:47:25,350 --> 01:47:22,719

that's a form of a projection

2971

01:47:26,950 --> 01:47:25,360

at that point does it still retain the

2972

01:47:28,470 --> 01:47:26,960

word projection because

2973

01:47:30,390 --> 01:47:28,480

if something was created here then it

2974

01:47:33,189 --> 01:47:30,400

persists in multiple people

2975

01:47:34,950 --> 01:47:33,199

well i mean the question is is what is

2976
01:47:37,910 --> 01:47:34,960
created

2977
01:47:40,950 --> 01:47:37,920
uh actually functional

2978
01:47:42,790 --> 01:47:40,960
here in our reality or is it just a

2979
01:47:45,350 --> 01:47:42,800
piece of plastic that's moved from

2980
01:47:46,629 --> 01:47:45,360
behind the scenes and made to look like

2981
01:47:48,550 --> 01:47:46,639
it does something

2982
01:47:52,229 --> 01:47:48,560
so for instance let's talk about the

2983
01:47:53,750 --> 01:47:52,239
so-called craft that people see i mean

2984
01:47:55,510 --> 01:47:53,760
i would like to think that there's an

2985
01:47:56,310 --> 01:47:55,520
object with a physics

2986
01:47:57,189 --> 01:47:56,320
and

2987
01:48:00,790 --> 01:47:57,199
a

2988
01:48:05,189 --> 01:48:00,800

from

2989

01:48:06,550 --> 01:48:05,199

sitting here in our 3d 4d world

2990

01:48:07,910 --> 01:48:06,560

but

2991

01:48:10,950 --> 01:48:07,920

maybe

2992

01:48:14,550 --> 01:48:10,960

let's say there's a multi-dimensional

2993

01:48:16,390 --> 01:48:14,560

reality and whatever it is that is

2994

01:48:18,709 --> 01:48:16,400

driving these objects sits somewhere

2995

01:48:20,950 --> 01:48:18,719

else and it's basically something that

2996

01:48:23,669 --> 01:48:20,960

it pokes into our reality

2997

01:48:25,109 --> 01:48:23,679

and it's it's moving it from

2998

01:48:28,390 --> 01:48:25,119

elsewhere

2999

01:48:29,350 --> 01:48:28,400

it's made to look like it's moving

3000

01:48:34,310 --> 01:48:29,360

here

3001
01:48:36,950 --> 01:48:34,320
functionality doesn't reside in our

3002
01:48:39,030 --> 01:48:36,960
side of of the of the veil the

3003
01:48:41,189 --> 01:48:39,040
functionality is elsewhere

3004
01:48:42,470 --> 01:48:41,199
so you know we might get one of these

3005
01:48:43,990 --> 01:48:42,480
objects

3006
01:48:46,390 --> 01:48:44,000
let's say let's say there's a crashed

3007
01:48:49,270 --> 01:48:46,400
craft or beings or whatever

3008
01:48:50,550 --> 01:48:49,280
and they are no more real

3009
01:48:53,750 --> 01:48:50,560
than

3010
01:48:55,669 --> 01:48:53,760
a you know a a sculpted object right

3011
01:48:58,550 --> 01:48:55,679
they they don't have the they don't have

3012
01:49:00,790 --> 01:48:58,560
the function here the function is driven

3013
01:49:03,030 --> 01:49:00,800

from elsewhere okay let me see if i get

3014

01:49:04,550 --> 01:49:03,040

this analogy so in there's this flat

3015

01:49:05,350 --> 01:49:04,560

land which i'm sure

3016

01:49:07,109 --> 01:49:05,360

and

3017

01:49:08,470 --> 01:49:07,119

so if you're a three just for the people

3018

01:49:10,950 --> 01:49:08,480

wondering what the heck that is as if

3019

01:49:12,149 --> 01:49:10,960

we're at least ostensibly 3d and then if

3020

01:49:13,910 --> 01:49:12,159

you look at your paper if you were to

3021

01:49:15,189 --> 01:49:13,920

touch your paper and there was an ant on

3022

01:49:16,390 --> 01:49:15,199

your paper that could only see what's on

3023

01:49:17,589 --> 01:49:16,400

the paper then all of a sudden they

3024

01:49:19,030 --> 01:49:17,599

would just see your fingernail and i

3025

01:49:21,669 --> 01:49:19,040

wonder what the heck is happening and

3026

01:49:23,910 --> 01:49:21,679

you can remove it and they would just be

3027

01:49:24,790 --> 01:49:23,920

gone and violate their laws of physics

3028

01:49:26,550 --> 01:49:24,800

so

3029

01:49:28,870 --> 01:49:26,560

the purpose would be like imagine if i

3030

01:49:30,310 --> 01:49:28,880

placed this cup down

3031

01:49:32,149 --> 01:49:30,320

on the piece of paper the cup is

3032

01:49:34,470 --> 01:49:32,159

actually for water for me to drink right

3033

01:49:36,629 --> 01:49:34,480

but these people see the bottom sliver

3034

01:49:37,750 --> 01:49:36,639

of a plastic and they're wondering well

3035

01:49:39,109 --> 01:49:37,760

what the heck is the purpose of this

3036

01:49:40,709 --> 01:49:39,119

well that's actually not the purpose of

3037

01:49:42,229 --> 01:49:40,719

it they would be

3038

01:49:44,470 --> 01:49:42,239

unreasonable for them to come up with

3039

01:49:45,990 --> 01:49:44,480

the purpose right well and and if you

3040

01:49:47,109 --> 01:49:46,000

were to now move it through their

3041

01:49:48,550 --> 01:49:47,119

flatland

3042

01:49:50,629 --> 01:49:48,560

left and right

3043

01:49:52,310 --> 01:49:50,639

they would see no

3044

01:49:54,709 --> 01:49:52,320

nor even if they were to look at the

3045

01:49:56,550 --> 01:49:54,719

object where it is

3046

01:49:58,950 --> 01:49:56,560

right the pieces of plastic that are

3047

01:50:01,910 --> 01:49:58,960

interfacing in their 2d they would see

3048

01:50:03,750 --> 01:50:01,920

no visible means of propulsion

3049

01:50:04,790 --> 01:50:03,760

the propulsion the propulsion is your

3050

01:50:07,589 --> 01:50:04,800

hand

3051

01:50:09,430 --> 01:50:07,599

moving it left right and center

3052

01:50:11,189 --> 01:50:09,440

so imagine that this is what's going on

3053

01:50:14,709 --> 01:50:11,199

here that there's something else that's

3054

01:50:17,669 --> 01:50:14,719

it's it's the the the motility the the

3055

01:50:20,629 --> 01:50:17,679

functionality is sitting elsewhere

3056

01:50:22,470 --> 01:50:20,639

uh and then what is here is just like i

3057

01:50:24,550 --> 01:50:22,480

said like a projection which is being

3058

01:50:26,470 --> 01:50:24,560

held at arm's length and the purp

3059

01:50:28,470 --> 01:50:26,480

because even looking at this which is a

3060

01:50:30,070 --> 01:50:28,480

light right if at the bottom there's

3061

01:50:31,589 --> 01:50:30,080

just a base that's black and they would

3062

01:50:32,870 --> 01:50:31,599

right they would have a hard time coming

3063

01:50:37,030 --> 01:50:32,880

up with the purpose of that based on the

3064

01:50:39,030 --> 01:50:37,040

base so you know i think we have to um

3065

01:50:41,510 --> 01:50:39,040

be prepared for some disappointments in

3066

01:50:43,270 --> 01:50:41,520

a way because if if what i just said is

3067

01:50:45,030 --> 01:50:43,280

is true

3068

01:50:46,390 --> 01:50:45,040

we might get a hold of some of these

3069

01:50:47,910 --> 01:50:46,400

things and never figure out how they

3070

01:50:50,070 --> 01:50:47,920

work because

3071

01:50:52,709 --> 01:50:50,080

the the engine is not here

3072

01:50:53,990 --> 01:50:52,719

but the driving force is not here and

3073

01:50:55,910 --> 01:50:54,000

and so

3074

01:50:58,149 --> 01:50:55,920

you know it's it's but it is still a

3075

01:50:59,990 --> 01:50:58,159

puppet which is used to interact with or

3076

01:51:01,430 --> 01:51:00,000

in jacques

3077

01:51:03,669 --> 01:51:01,440

sense of the term

3078

01:51:04,950 --> 01:51:03,679

is the control feature the control

3079

01:51:07,830 --> 01:51:04,960

function

3080

01:51:10,550 --> 01:51:07,840

uh the control system

3081

01:51:12,870 --> 01:51:10,560

is it still gets us to do stuff we still

3082

01:51:15,109 --> 01:51:12,880

dance around like a bunch of you know

3083

01:51:15,990 --> 01:51:15,119

like a bunch of monkeys when we see this

3084

01:51:17,510 --> 01:51:16,000

stuff

3085

01:51:20,790 --> 01:51:17,520

um and

3086

01:51:22,790 --> 01:51:20,800

its purpose whatever that might be is

3087

01:51:25,030 --> 01:51:22,800

is fulfilled

3088

01:51:26,550 --> 01:51:25,040

the monkey saw us

3089

01:51:28,470 --> 01:51:26,560

and then the monkeys will infer that

3090

01:51:31,750 --> 01:51:28,480

there is an intelligence behind it and

3091

01:51:33,510 --> 01:51:31,760

that's all we ever wanted them to do

3092

01:51:36,390 --> 01:51:33,520

to think bigger

3093

01:51:38,709 --> 01:51:36,400

to explore to explore the notion that

3094

01:51:40,950 --> 01:51:38,719

they're not alone

3095

01:51:42,229 --> 01:51:40,960

uh and maybe to

3096

01:51:44,629 --> 01:51:42,239

you know to

3097

01:51:45,510 --> 01:51:44,639

learn how to do this themselves someday

3098

01:51:46,870 --> 01:51:45,520

yeah

3099

01:51:48,470 --> 01:51:46,880

like they don't want to reveal too much

3100

01:51:49,669 --> 01:51:48,480

because that's giving away the answer in

3101

01:51:51,109 --> 01:51:49,679

particular it's giving away the answer

3102

01:51:52,709 --> 01:51:51,119

for us to come up with in our own on our

3103

01:51:54,470 --> 01:51:52,719

own yeah exactly yeah and these are some

3104

01:51:56,470 --> 01:51:54,480

of the things i've said before is that

3105

01:51:58,470 --> 01:51:56,480

you know you you you never

3106

01:52:00,830 --> 01:51:58,480

you you don't give your child everything

3107

01:52:02,790 --> 01:52:00,840

you teach them and let them make a few

3108

01:52:04,229 --> 01:52:02,800

mistakes are there people from the

3109

01:52:06,310 --> 01:52:04,239

government who

3110

01:52:08,070 --> 01:52:06,320

watch every one of your appearances

3111

01:52:09,830 --> 01:52:08,080

perhaps even watch the appearances of

3112

01:52:11,910 --> 01:52:09,840

people like lou to make sure that you're

3113

01:52:13,830 --> 01:52:11,920

not revealing too much

3114

01:52:15,589 --> 01:52:13,840

and if so who are these people are there

3115

01:52:16,870 --> 01:52:15,599

multiple individuals the department do

3116

01:52:19,589 --> 01:52:16,880

they tap your phone

3117

01:52:23,830 --> 01:52:21,270

i just got to be careful what i say i

3118

01:52:26,070 --> 01:52:23,840

mean i have been told i should make the

3119

01:52:28,629 --> 01:52:26,080

assumption that the things

3120

01:52:31,030 --> 01:52:28,639

that i

3121

01:52:32,310 --> 01:52:31,040

say are being watched not just by us but

3122

01:52:33,430 --> 01:52:32,320

by others

3123

01:52:35,350 --> 01:52:33,440

um

3124

01:52:37,510 --> 01:52:35,360

and uh

3125

01:52:39,270 --> 01:52:37,520

so obviously i i try to be care i try to

3126
01:52:40,629 --> 01:52:39,280
hold all confidences

3127
01:52:43,350 --> 01:52:40,639
that i'm

3128
01:52:44,709 --> 01:52:43,360
either sworn to or agree to

3129
01:52:46,229 --> 01:52:44,719
you know

3130
01:52:48,550 --> 01:52:46,239
as best as possible

3131
01:52:49,750 --> 01:52:48,560
at one level i can't worry about these

3132
01:52:52,149 --> 01:52:49,760
people

3133
01:52:53,750 --> 01:52:52,159
right i mean i i i've got to just do

3134
01:52:55,990 --> 01:52:53,760
what it is that i'm doing

3135
01:52:58,229 --> 01:52:56,000
uh until somebody tells me not to do

3136
01:53:00,070 --> 01:52:58,239
something i'm gonna do it you know i'm

3137
01:53:01,270 --> 01:53:00,080
not you know or if it's obvious i

3138
01:53:02,950 --> 01:53:01,280

shouldn't be doing i'm not gonna do it

3139

01:53:03,830 --> 01:53:02,960

i'm not gonna put myself or my family in

3140

01:53:06,070 --> 01:53:03,840

danger

3141

01:53:07,910 --> 01:53:06,080

but i have

3142

01:53:10,070 --> 01:53:07,920

i've not felt that way

3143

01:53:11,350 --> 01:53:10,080

uh

3144

01:53:12,550 --> 01:53:11,360

you know i mean i'm not so much worried

3145

01:53:14,709 --> 01:53:12,560

about the government i'm worried about

3146

01:53:18,229 --> 01:53:14,719

this there's any of a number of people

3147

01:53:19,910 --> 01:53:18,239

who are um let's say unstable out there

3148

01:53:22,070 --> 01:53:19,920

in the in the world have nothing to do

3149

01:53:24,310 --> 01:53:22,080

with the government who will be

3150

01:53:26,790 --> 01:53:24,320

convinced that i'm

3151
01:53:28,629 --> 01:53:26,800
doing something that i should be stopped

3152
01:53:30,310 --> 01:53:28,639
you know i'm part of some grand

3153
01:53:32,149 --> 01:53:30,320
conspiracy or

3154
01:53:33,510 --> 01:53:32,159
i know somebody asked a question on that

3155
01:53:35,589 --> 01:53:33,520
thread about

3156
01:53:37,589 --> 01:53:35,599
am i being paid for

3157
01:53:38,830 --> 01:53:37,599
by something that i haven't disclosed as

3158
01:53:44,229 --> 01:53:38,840
if

3159
01:53:45,189 --> 01:53:44,239
my every word

3160
01:53:48,390 --> 01:53:45,199
no

3161
01:53:50,790 --> 01:53:48,400
gary

3162
01:53:53,510 --> 01:53:50,800
thank you very much

3163
01:53:55,910 --> 01:53:53,520

no i mean thank you so much we've had

3164

01:53:57,990 --> 01:53:55,920

we've had this sort of personal you know

3165

01:53:59,510 --> 01:53:58,000

what are our uh

3166

01:54:01,350 --> 01:53:59,520

uh mental

3167

01:54:03,990 --> 01:54:01,360

issues or attempts to

3168

01:54:06,470 --> 01:54:04,000

be more um productive

3169

01:54:08,149 --> 01:54:06,480

uh you know and

3170

01:54:10,310 --> 01:54:08,159

you know i also want you to know and

3171

01:54:12,229 --> 01:54:10,320

people to know that like luckily luckily

3172

01:54:13,910 --> 01:54:12,239

man like i'm i mean

3173

01:54:15,750 --> 01:54:13,920

i'm generally an extremely

3174

01:54:16,950 --> 01:54:15,760

psychologically stable person some of

3175

01:54:19,109 --> 01:54:16,960

those experiences that i mentioned

3176
01:54:20,629 --> 01:54:19,119
recently have set me on edge so i'm so

3177
01:54:22,709 --> 01:54:20,639
hyper sensitive now that i wouldn't call

3178
01:54:25,189 --> 01:54:22,719
myself stable right now

3179
01:54:26,550 --> 01:54:25,199
but generally i am and i'm lucky for

3180
01:54:28,310 --> 01:54:26,560
that

3181
01:54:31,030 --> 01:54:28,320
and you seem like you're stable as well

3182
01:54:33,350 --> 01:54:31,040
so that's good despite your experiences

3183
01:54:35,030 --> 01:54:33,360
supposedly yeah

3184
01:54:37,109 --> 01:54:35,040
some of my colleagues might not agree

3185
01:54:40,229 --> 01:54:37,119
but that's okay

3186
01:54:41,669 --> 01:54:40,239
all right man take care and i will

3187
01:54:43,030 --> 01:54:41,679
ask you for that

3188
01:54:44,390 --> 01:54:43,040

book if you don't mind well you can just

3189

01:54:46,709 --> 01:54:44,400

give me the title and i'll get it i'll

3190

01:54:48,229 --> 01:54:46,719

send you the title yeah okay all right

3191

01:54:50,950 --> 01:54:48,239

take care my friend thanks so much kurt

3192

01:54:53,510 --> 01:54:50,960

okay bye bye goodbye

3193

01:54:55,109 --> 01:54:53,520

so now the podcast is over it's

3194

01:54:56,870 --> 01:54:55,119

generally frustrating maybe you're

3195

01:54:58,790 --> 01:54:56,880

experiencing the same where there's a

3196

01:55:01,830 --> 01:54:58,800

dearth of content new information when

3197

01:55:03,669 --> 01:55:01,840

it comes to the ufo scene and it feels

3198

01:55:05,430 --> 01:55:03,679

like plenty of ground is being trodden

3199

01:55:07,750 --> 01:55:05,440

and then re-trodden

3200

01:55:08,790 --> 01:55:07,760

and so for me one of the reasons that i

3201

01:55:10,390 --> 01:55:08,800

focus on the physics and the

3202

01:55:12,390 --> 01:55:10,400

consciousness is because there's plenty

3203

01:55:15,109 --> 01:55:12,400

that's new and even inspirational there

3204

01:55:17,510 --> 01:55:15,119

that is it inspires some other ideas for

3205

01:55:19,189 --> 01:55:17,520

possible connections to uaps and if

3206

01:55:21,589 --> 01:55:19,199

you're watching the toe podcast

3207

01:55:23,589 --> 01:55:21,599

primarily for the ufo content i

3208

01:55:25,750 --> 01:55:23,599

recommend that you at least check out

3209

01:55:27,270 --> 01:55:25,760

one of the physics videos or one of the

3210

01:55:29,669 --> 01:55:27,280

consciousness videos there's plenty

3211

01:55:32,390 --> 01:55:29,679

that's rich there that's new that is

3212

01:55:34,390 --> 01:55:32,400

inextricably tight or me let's not say

3213

01:55:36,470 --> 01:55:34,400

inextricably tight but has implications

3214

01:55:37,669 --> 01:55:36,480

for the phenomenon however at the same

3215

01:55:40,629 --> 01:55:37,679

time i'm not

3216

01:55:41,830 --> 01:55:40,639

dismayed whenever someone goes over the

3217

01:55:43,830 --> 01:55:41,840

same ground

3218

01:55:45,510 --> 01:55:43,840

repeatedly because there's plenty that

3219

01:55:46,709 --> 01:55:45,520

can be gained by viewing some phenomenon

3220

01:55:48,950 --> 01:55:46,719

from different slightly different

3221

01:55:51,030 --> 01:55:48,960

perspectives so for example even when

3222

01:55:53,350 --> 01:55:51,040

someone publishes a peer-reviewed paper

3223

01:55:55,589 --> 01:55:53,360

with data it's often still insightful to

3224

01:55:57,589 --> 01:55:55,599

interview the scientist and find out

3225

01:55:59,350 --> 01:55:57,599

well what worked and what didn't work

3226

01:56:01,030 --> 01:55:59,360

and what data was excluded and what data

3227

01:56:02,629 --> 01:56:01,040

is extraneous and why do you think that

3228

01:56:04,629 --> 01:56:02,639

it's extraneous and that gives you

3229

01:56:07,430 --> 01:56:04,639

insight into the initial data despite

3230

01:56:09,350 --> 01:56:07,440

the data being the same i believe i

3231

01:56:11,830 --> 01:56:09,360

spoke about this on the podcast with

3232

01:56:14,070 --> 01:56:11,840

jordan peterson where he invited me onto

3233

01:56:15,750 --> 01:56:14,080

his platform i was blessed enough for

3234

01:56:17,350 --> 01:56:15,760

that to have occurred and so i'll leave

3235

01:56:19,510 --> 01:56:17,360

a link in the description if you'd like

3236

01:56:21,750 --> 01:56:19,520

to hear more one should also know i'm

3237

01:56:25,109 --> 01:56:21,760

undecided as to how much i'm going to be

3238

01:56:26,629 --> 01:56:25,119

continuing to explore ufos alone rather

3239

01:56:29,270 --> 01:56:26,639

than ufos as connected to physics and

3240

01:56:32,470 --> 01:56:29,280

consciousness however one of the reasons

3241

01:56:33,830 --> 01:56:32,480

why one should explore despite the

3242

01:56:36,070 --> 01:56:33,840

ground being the same that they're

3243

01:56:38,629 --> 01:56:36,080

covering is that

3244

01:56:39,510 --> 01:56:38,639

at least in mathematics and physics it's

3245

01:56:41,669 --> 01:56:39,520

known

3246

01:56:43,830 --> 01:56:41,679

that one can almost never

3247

01:56:45,990 --> 01:56:43,840

investigate something rudimentary too

3248

01:56:47,750 --> 01:56:46,000

much that there's often extreme insight

3249

01:56:49,189 --> 01:56:47,760

to be gained that when you think you

3250

01:56:51,589 --> 01:56:49,199

understand something as simple as let's

3251

01:56:54,070 --> 01:56:51,599

say a compact space then terry tao comes

3252

01:56:55,990 --> 01:56:54,080

out with an article and you realize okay

3253

01:56:57,189 --> 01:56:56,000

my understanding has deepened despite me

3254

01:56:59,270 --> 01:56:57,199

thinking was at the maximum that it

3255

01:57:01,510 --> 01:56:59,280

could be same with kalama gorov who's

3256

01:57:02,870 --> 01:57:01,520

famous for kalmogorov complexity so

3257

01:57:04,310 --> 01:57:02,880

you'd think he'd come out with articles

3258

01:57:07,350 --> 01:57:04,320

about

3259

01:57:09,270 --> 01:57:07,360

what is complicated he had a whole essay

3260

01:57:10,629 --> 01:57:09,280

a whole essay just on the equal sign and

3261

01:57:12,870 --> 01:57:10,639

you thought well i understand what the

3262

01:57:15,430 --> 01:57:12,880

equal sign is until you read kamagorov's

3263

01:57:17,030 --> 01:57:15,440

essay so plenty can be gleaned just from

3264

01:57:18,950 --> 01:57:17,040

re-trotting the same ground i understand

3265

01:57:20,629 --> 01:57:18,960

that at the same time okay thank you so

3266

01:57:22,470 --> 01:57:20,639

much for watching and as i said in the

3267

01:57:24,870 --> 01:57:22,480

beginning there's an april fool's video

3268

01:57:26,790 --> 01:57:24,880

called ranking of toes or the ranking of

3269

01:57:28,070 --> 01:57:26,800

the toes i recommend you watch that if

3270

01:57:29,830 --> 01:57:28,080

you want to get a different flavor on

3271

01:57:31,030 --> 01:57:29,840

this channel i put plenty of time and

3272

01:57:31,990 --> 01:57:31,040

effort into that and people seem to

3273

01:57:34,070 --> 01:57:32,000

enjoy it

3274

01:57:35,589 --> 01:57:34,080

so hopefully you will as well plenty of

3275

01:57:39,830 --> 01:57:35,599

jokes made about some of the figureheads

3276

01:57:41,750 --> 01:57:39,840

in the ufo scene take care

3277

01:57:43,510 --> 01:57:41,760

the podcast is now finished if you'd

3278

01:57:46,629 --> 01:57:43,520

like to support conversations like this

3279

01:57:50,790 --> 01:57:46,639

then do consider going to patreon.com

3280

01:57:53,430 --> 01:57:50,800

c-u-r-t j-a-i-m-u-n-g-a-l

3281

01:57:55,189 --> 01:57:53,440

that is kurt jaimungle it's support from

3282

01:57:57,030 --> 01:57:55,199

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