



Bernardo Kastrup
Skeptiko #378

1
00:00:11,959 --> 00:00:08,870
today we welcome dr. Bernardo Kastrup -

2
00:00:13,940 --> 00:00:11,969
skeptic Oh Bernardo is quite an amazing

3
00:00:17,060 --> 00:00:13,950
guy you may have heard him on skeptic Oh

4
00:00:21,580 --> 00:00:17,070
before one of my favorite guests who has

5
00:00:24,800 --> 00:00:21,590
become a leading voice in this ongoing

6
00:00:29,720 --> 00:00:24,810
philosophical and scientific debate over

7
00:00:31,849 --> 00:00:29,730
the nature of consciousness and this is

8
00:00:34,310 --> 00:00:31,859
one of the things that I hope we're

9
00:00:37,549 --> 00:00:34,320
gonna talk about maybe from the ground

10
00:00:40,580 --> 00:00:37,559
up with Bernardo and retrace some of the

11
00:00:42,709 --> 00:00:40,590
the questions that come before all the

12
00:00:45,020 --> 00:00:42,719
cool inside baseball stuff we love to

13
00:00:47,750 --> 00:00:45,030

talk about but the other thing I wanted

14

00:00:51,260 --> 00:00:47,760

to just do is wave an introduction of

15

00:00:54,260 --> 00:00:51,270

Bernardo and actually while I do that

16

00:00:56,990 --> 00:00:54,270

when we pull up some of his great books

17

00:00:59,479 --> 00:00:57,000

here and he kind of said you know don't

18

00:01:02,360 --> 00:00:59,489

worry about the books but I have to kind

19

00:01:04,070 --> 00:01:02,370

of bring up there all the fantastic

20

00:01:06,080 --> 00:01:04,080

books that he's written about

21

00:01:08,390 --> 00:01:06,090

consciousness but one of the things I

22

00:01:11,090 --> 00:01:08,400

think is really terrific about Bernardo

23

00:01:16,039 --> 00:01:11,100

is as you'll hear he's someone who's

24

00:01:19,580 --> 00:01:16,049

grounded in the common sense of someone

25

00:01:22,399 --> 00:01:19,590

who has a real job which he does and in

26

00:01:24,890 --> 00:01:22,409

this case Bernardo has a very serious

27

00:01:28,399 --> 00:01:24,900

senior position with the distinguished

28

00:01:30,499 --> 00:01:28,409

global high tech company so I think

29

00:01:33,830 --> 00:01:30,509

that's something that really comes

30

00:01:36,560 --> 00:01:33,840

through in Barnardo's work is that he's

31

00:01:38,030 --> 00:01:36,570

a real guy in the real world at a very

32

00:01:41,810 --> 00:01:38,040

high level not somebody who's

33

00:01:44,090 --> 00:01:41,820

pontificating from academic chair that

34

00:01:48,950 --> 00:01:44,100

doesn't really interact with anyone

35

00:01:51,859 --> 00:01:48,960

other than 18 to 21 year olds so but of

36

00:01:53,780 --> 00:01:51,869

a reintroduction Bernardo welcome back

37

00:01:55,730 --> 00:01:53,790

to skeptic oh thanks so much for joining

38

00:01:57,670 --> 00:01:55,740

me thanks for having me always great to

39

00:02:00,139 --> 00:01:57,680

talk to you always great to be here so

40

00:02:02,149 --> 00:02:00,149

what's going on with you we were talking

41

00:02:03,980 --> 00:02:02,159

a little bit but we're going to talk

42

00:02:06,200 --> 00:02:03,990

about a lot of great stuff but give

43

00:02:08,600 --> 00:02:06,210

people a little bit more of a sense of

44

00:02:11,059 --> 00:02:08,610

your background who you are what's going

45

00:02:13,230 --> 00:02:11,069

on with you and do talk about these

46

00:02:15,570 --> 00:02:13,240

books one more time

47

00:02:18,960 --> 00:02:15,580

it's a lot going on I mean I still that

48

00:02:23,370 --> 00:02:18,970

job you you you alluded to still working

49

00:02:25,950 --> 00:02:23,380

in the corporate world it's been quite

50

00:02:28,740 --> 00:02:25,960

some years now it does ground me I mean

51
00:02:31,680 --> 00:02:28,750
you you you've mentioned it as a half

52
00:02:34,560 --> 00:02:31,690
joke but it does ground me in reality

53
00:02:36,270 --> 00:02:34,570
you know in the corporate people are

54
00:02:38,640 --> 00:02:36,280
sort of trained not to deceive

55
00:02:42,540 --> 00:02:38,650
themselves and to reject nonsense and

56
00:02:44,280 --> 00:02:42,550
that is helpful next to that a lot going

57
00:02:46,230 --> 00:02:44,290
on in philosophy a lot a lot going on

58
00:02:49,920 --> 00:02:46,240
around my articles my books you know

59
00:02:51,750 --> 00:02:49,930
events happening to the point that you

60
00:02:53,160 --> 00:02:51,760
asked me earlier how are you doing I

61
00:02:54,750 --> 00:02:53,170
couldn't even answer I don't know how

62
00:02:57,630 --> 00:02:54,760
I'm doing I mean I'm just going through

63
00:02:59,610 --> 00:02:57,640

the motions going through you know the

64

00:03:03,510 --> 00:02:59,620

hurricane that is that is below in this

65

00:03:06,420 --> 00:03:03,520

year will be a special year there's a

66

00:03:11,220 --> 00:03:06,430

lot coming this year in terms of more

67

00:03:12,840 --> 00:03:11,230

articles a new book lots of events more

68

00:03:17,550 --> 00:03:12,850

media attention and I have had before

69

00:03:21,120 --> 00:03:17,560

even mainstream which is sort of bit of

70

00:03:22,440 --> 00:03:21,130

a surprise to me to some extent and I

71

00:03:24,420 --> 00:03:22,450

don't know where it's going to end up

72

00:03:27,240 --> 00:03:24,430

I'm just going with the flow and we see

73

00:03:29,070 --> 00:03:27,250

where it's going to end up well let's

74

00:03:31,140 --> 00:03:29,080

talk a little bit about the media

75

00:03:34,110 --> 00:03:31,150

attention one place that people might

76

00:03:35,820 --> 00:03:34,120

have seen you pop up recently is this

77

00:03:37,830 --> 00:03:35,830

very excellent article that you wrote

78

00:03:40,620 --> 00:03:37,840

for a Scientific American

79

00:03:42,600 --> 00:03:40,630

got a lot of tread a lot of traction a

80

00:03:45,150 --> 00:03:42,610

lot of people heard about it there's

81

00:03:47,310 --> 00:03:45,160

also of course your a blog that many of

82

00:03:51,120 --> 00:03:47,320

us are familiar with metaphysical

83

00:03:53,370 --> 00:03:51,130

speculations but do tell us you've kind

84

00:03:55,140 --> 00:03:53,380

of hinted at it what's coming up in the

85

00:03:58,620 --> 00:03:55,150

near term for you that we should be

86

00:04:00,450 --> 00:03:58,630

looking for by the time this episode

87

00:04:02,370 --> 00:04:00,460

comes out probably everybody will know

88

00:04:06,300 --> 00:04:02,380

it already there will be another

89

00:04:09,780 --> 00:04:06,310

Scientific American article coming

90

00:04:14,040 --> 00:04:09,790

the third one and it goes much further

91

00:04:16,770 --> 00:04:14,050

than the previous and two articles I was

92

00:04:19,229 --> 00:04:16,780

surprised that as I am actually decided

93

00:04:21,599 --> 00:04:19,239

to publish what's coming now because

94

00:04:24,510 --> 00:04:21,609

it's a direct argument for this notion

95

00:04:27,090 --> 00:04:24,520

that that a consciousness is at the root

96

00:04:29,580 --> 00:04:27,100

the basis of reality

97

00:04:32,460 --> 00:04:29,590

an argument based on physics it took

98

00:04:34,800 --> 00:04:32,470

them four months to to decide to publish

99

00:04:38,040 --> 00:04:34,810

it but I heard the news last week that

100

00:04:40,470 --> 00:04:38,050

they wanted to publish it so that's one

101
00:04:42,270 --> 00:04:40,480
thing over the past year I have

102
00:04:43,650 --> 00:04:42,280
published several academic papers in

103
00:04:46,590 --> 00:04:43,660
academic journals which was an

104
00:04:49,680 --> 00:04:46,600
experiment something new I always tried

105
00:04:51,780 --> 00:04:49,690
to speak directly to the public and for

106
00:04:55,160 --> 00:04:51,790
the last 18 months or so I've been

107
00:04:59,880 --> 00:04:55,170
trying to also speak to academia and

108
00:05:02,990 --> 00:04:59,890
mixed results sometimes what I have to

109
00:05:08,340 --> 00:05:03,000
say is welcome sometimes it is attacked

110
00:05:09,930 --> 00:05:08,350
in in ways that are not always fair but

111
00:05:13,110 --> 00:05:09,940
all you know the experience has been

112
00:05:16,470 --> 00:05:13,120
gratifying because you know grudgingly

113
00:05:18,360 --> 00:05:16,480

or not they did publish so far 11 of my

114

00:05:21,210 --> 00:05:18,370

articles and hopefully there would be

115

00:05:24,570 --> 00:05:21,220

article 12 coming coming coming up soon

116

00:05:27,270 --> 00:05:24,580

well I think the real indication of your

117

00:05:32,100 --> 00:05:27,280

impact is that you're certainly not

118

00:05:35,330 --> 00:05:32,110

being ignored that I am NOT No No maybe

119

00:05:38,670 --> 00:05:35,340

I'm being ignored by you know the

120

00:05:40,680 --> 00:05:38,680

highest years of the media industry I

121

00:05:44,450 --> 00:05:40,690

haven't reached those levels yet I'm not

122

00:05:47,280 --> 00:05:44,460

even sure if I'd want to be there ever

123

00:05:48,540 --> 00:05:47,290

but at the level where I'm playing and

124

00:05:52,230 --> 00:05:48,550

I'm not ignored

125

00:05:54,630 --> 00:05:52,240

well that's great and and I think the

126
00:05:57,600 --> 00:05:54,640
impact that you've had is really

127
00:06:00,570 --> 00:05:57,610
significant in trying to kind of

128
00:06:02,910 --> 00:06:00,580
understand what is going on on a number

129
00:06:05,850 --> 00:06:02,920
of different levels and I told you at

130
00:06:09,060 --> 00:06:05,860
the beginning that I have somewhat of a

131
00:06:11,190 --> 00:06:09,070
new format for this skeptical episode

132
00:06:13,410 --> 00:06:11,200
and for future skeptical episodes to

133
00:06:16,410 --> 00:06:13,420
come because I've always had in mind

134
00:06:19,890 --> 00:06:16,420
this idea of threading these discussions

135
00:06:22,890 --> 00:06:19,900
you know and introducing you to other

136
00:06:25,560 --> 00:06:22,900
guests that I have on the show and then

137
00:06:31,080 --> 00:06:25,570
having a threaded debate discussion

138
00:06:32,700 --> 00:06:31,090

along some well-defined ideas and in

139

00:06:36,070 --> 00:06:32,710

this case and I shared a little bit

140

00:06:37,870 --> 00:06:36,080

about this with you but it's this

141

00:06:40,540 --> 00:06:37,880

kind of idea that I've been kicking

142

00:06:42,610 --> 00:06:40,550

around for a while it's become kind of

143

00:06:45,190 --> 00:06:42,620

the skeptical process and that's this

144

00:06:48,610 --> 00:06:45,200

idea that we follow the data we use

145

00:06:51,220 --> 00:06:48,620

science we use sound logic your case

146

00:06:53,550 --> 00:06:51,230

philosophy the way that you constructed

147

00:06:56,740 --> 00:06:53,560

of course is extremely rigorous

148

00:06:59,830 --> 00:06:56,750

extremely logical intellectual so follow

149

00:07:01,690 --> 00:06:59,840

the data and then kind of the one that

150

00:07:03,490 --> 00:07:01,700

throws a lot of people for a loop and

151

00:07:05,890 --> 00:07:03,500

we'll have some fun talking about this

152

00:07:07,810 --> 00:07:05,900

but it's become part of my process and

153

00:07:10,330 --> 00:07:07,820

that's look for the conspiracy there's

154

00:07:13,030 --> 00:07:10,340

always people out there that are trying

155

00:07:17,020 --> 00:07:13,040

to throw us off the trail and to me that

156

00:07:20,590 --> 00:07:17,030

is the conspiracy and then finally find

157

00:07:22,630 --> 00:07:20,600

the deep spirituality we have had you

158

00:07:25,810 --> 00:07:22,640

and I in the past have had some

159

00:07:29,170 --> 00:07:25,820

wonderful discussions about where all

160

00:07:31,900 --> 00:07:29,180

this stuff leads ultimately and I think

161

00:07:35,550 --> 00:07:31,910

in the broadest sense it leads to

162

00:07:38,230 --> 00:07:35,560

something approaching what we would call

163

00:07:40,390 --> 00:07:38,240

spirituality somewhat of a defining of

164

00:07:44,170 --> 00:07:40,400

who we are why we're here what is the

165

00:07:46,390 --> 00:07:44,180

meaning behind all this so I appreciate

166

00:07:49,750 --> 00:07:46,400

you playing along with me a little bit

167

00:07:51,340 --> 00:07:49,760

as we go on this journey and this is

168

00:07:55,300 --> 00:07:51,350

what I thought we would we would talk

169

00:07:58,480 --> 00:07:55,310

about so you know where I thought we

170

00:08:02,440 --> 00:07:58,490

would begin with this and it's something

171

00:08:05,830 --> 00:08:02,450

that I think so many times when you and

172

00:08:08,730 --> 00:08:05,840

I talk we maybe rush over this in a way

173

00:08:11,290 --> 00:08:08,740

that leaves a lot of people just kind of

174

00:08:14,950 --> 00:08:11,300

out in the cold from the very beginning

175

00:08:17,050 --> 00:08:14,960

and that's this idea of what is

176

00:08:19,600 --> 00:08:17,060

consciousness and I want to be very

177

00:08:21,700 --> 00:08:19,610

careful I want to see if we can define

178

00:08:23,920 --> 00:08:21,710

consciousness as like you know doing

179

00:08:25,990 --> 00:08:23,930

something with your blindfolded and one

180

00:08:29,380 --> 00:08:26,000

arm tied behind your back so without

181

00:08:31,690 --> 00:08:29,390

using the term materialism or idealism

182

00:08:34,740 --> 00:08:31,700

pants like isn't any of those but

183

00:08:38,380 --> 00:08:34,750

without being too simple-minded about it

184

00:08:39,880 --> 00:08:38,390

what are we talking about when we talk

185

00:08:43,900 --> 00:08:39,890

about consciousness what is

186

00:08:46,210 --> 00:08:43,910

consciousness to the average person

187

00:08:48,340 --> 00:08:46,220

who's intellectually oriented but maybe

188

00:08:49,480 --> 00:08:48,350

is a little bit fuzzy about what the

189

00:08:54,790 --> 00:08:49,490

debate is

190

00:08:58,630 --> 00:08:54,800

all this consciousness is that which

191

00:09:02,530 --> 00:08:58,640

experiences is the ground of experience

192

00:09:05,079 --> 00:09:02,540

is that whose excitations are the

193

00:09:07,930 --> 00:09:05,089

experiences of daily life if we weren't

194

00:09:09,420 --> 00:09:07,940

conscious we would experience nothing

195

00:09:12,190 --> 00:09:09,430

there would be nothing to talk about

196

00:09:14,470 --> 00:09:12,200

there would be no emotions there would

197

00:09:16,300 --> 00:09:14,480

be no perceptions there would be no blue

198

00:09:18,639 --> 00:09:16,310

and reds there would be no regret

199

00:09:20,260 --> 00:09:18,649

disappointment happiness the warmth of

200

00:09:24,090 --> 00:09:20,270

love none of that would exist

201
00:09:26,680 --> 00:09:24,100
because all of these are experiences or

202
00:09:31,660 --> 00:09:26,690
excitations of consciousness so to say

203
00:09:34,210 --> 00:09:31,670
so as far as we can know for sure

204
00:09:37,240 --> 00:09:34,220
consciousness is all there is it is the

205
00:09:40,660 --> 00:09:37,250
compass of life you know the way I

206
00:09:43,840 --> 00:09:40,670
sometimes put it and I this is I put it

207
00:09:45,880 --> 00:09:43,850
in the book that I wrote is that it's an

208
00:09:49,420 --> 00:09:45,890
oversimplification but nonetheless it's

209
00:09:51,010 --> 00:09:49,430
the voice inside your head it's the

210
00:09:53,110 --> 00:09:51,020
voice inside your head that listens

211
00:09:54,970 --> 00:09:53,120
because the problem with consciousness

212
00:09:58,930 --> 00:09:54,980
as we talked about it of course is that

213
00:10:01,540 --> 00:09:58,940

if consciousness is everything like you

214

00:10:03,460 --> 00:10:01,550

said then if it is fundamental like

215

00:10:04,870 --> 00:10:03,470

you're alluding to but all of a sudden

216

00:10:07,870 --> 00:10:04,880

we're throwing people off a little bit

217

00:10:10,720 --> 00:10:07,880

then we could never really get it so you

218

00:10:15,400 --> 00:10:10,730

know a simple test I always say is say

219

00:10:18,519 --> 00:10:15,410

hello silently in your head and what

220

00:10:20,889 --> 00:10:18,529

heard that hello is consciousness

221

00:10:24,250 --> 00:10:20,899

consciousness is always there always

222

00:10:26,230 --> 00:10:24,260

present for the voice inside your head

223

00:10:28,600 --> 00:10:26,240

and everything that's going on now you

224

00:10:31,329 --> 00:10:28,610

can tear that apart philosophically and

225

00:10:33,940 --> 00:10:31,339

in a number of ways but I I always felt

226

00:10:37,569 --> 00:10:33,950

like that little simple experiment that

227

00:10:40,389 --> 00:10:37,579

anyone can do can at least get us to

228

00:10:43,090 --> 00:10:40,399

that first step of realizing there is

229

00:10:47,319 --> 00:10:43,100

something more there's something to talk

230

00:10:49,569 --> 00:10:47,329

about here because of course the real

231

00:10:52,480 --> 00:10:49,579

challenge in all this is what does

232

00:10:56,560 --> 00:10:52,490

science have to say about what

233

00:10:58,810 --> 00:10:56,570

consciousness is and I have for you a

234

00:11:00,730 --> 00:10:58,820

clip it's gonna be so fun to play I

235

00:11:01,749 --> 00:11:00,740

really can't wait I'm so excited to play

236

00:11:03,939 --> 00:11:01,759

you this clip

237

00:11:09,819 --> 00:11:03,949

well I want to play this clip from you

238

00:11:11,829 --> 00:11:09,829

from some very very esteemed mainstream

239

00:11:15,819 --> 00:11:11,839

scientists and I want to make it clear

240

00:11:17,979 --> 00:11:15,829

that this is a clip from these people

241

00:11:21,840 --> 00:11:17,989

will be recognized by you know people in

242

00:11:23,949 --> 00:11:21,850

my community as skeptics or as you know

243

00:11:25,179 --> 00:11:23,959

materialists but I think we have to

244

00:11:26,799 --> 00:11:25,189

acknowledge as you were talking about

245

00:11:28,419 --> 00:11:26,809

you know at the very beginning in terms

246

00:11:30,999 --> 00:11:28,429

of where you're going and in terms of

247

00:11:33,159 --> 00:11:31,009

mainstream acceptance these people are

248

00:11:34,780 --> 00:11:33,169

just generally regarded as scientists as

249

00:11:36,609 --> 00:11:34,790

the mainstream scientists so we're

250

00:11:38,799 --> 00:11:36,619

talking about Richard Dawkins Lawrence

251
00:11:41,019 --> 00:11:38,809
Krauss Neil deGrasse Tyson I mean Neil

252
00:11:44,349 --> 00:11:41,029
deGrasse Tyson whether we like it or not

253
00:11:47,769 --> 00:11:44,359
is the face of science for many many

254
00:11:51,340 --> 00:11:47,779
many Americans so let's see what

255
00:11:54,099 --> 00:11:51,350
mainstream science has to say about

256
00:11:56,139 --> 00:11:54,109
consciousness here we go I'm gonna play

257
00:11:59,650 --> 00:11:56,149
this clip you can see it there I'm gonna

258
00:12:01,809 --> 00:11:59,660
play it don't you but you can say

259
00:12:03,519 --> 00:12:01,819
something about the question which you

260
00:12:06,939 --> 00:12:03,529
really would wish to know the answer to

261
00:12:10,029 --> 00:12:06,949
and I mean for me it would be what what

262
00:12:17,319 --> 00:12:10,039
consciousness because that's that's

263
00:12:20,739 --> 00:12:17,329

totally baffling not that you asked but

264

00:12:24,340 --> 00:12:20,749

what I think on this is consciousness

265

00:12:27,369 --> 00:12:24,350

has kind of baffled us for a while okay

266

00:12:30,220 --> 00:12:27,379

and evidence that we haven't a clue

267

00:12:33,519 --> 00:12:30,230

about what consciousness is is drawn

268

00:12:35,829 --> 00:12:33,529

from the from the fact of how many books

269

00:12:37,689 --> 00:12:35,839

are published on the topic right we're

270

00:12:41,499 --> 00:12:37,699

not really continuing to publish books

271

00:12:43,150 --> 00:12:41,509

not really on like Newtonian physics

272

00:12:45,879 --> 00:12:43,160

it's done all right

273

00:12:47,799 --> 00:12:45,889

so so the fact that people keep

274

00:12:49,359 --> 00:12:47,809

publishing books on consciousness is the

275

00:12:50,619 --> 00:12:49,369

evidence we don't know anything about it

276

00:12:52,599 --> 00:12:50,629

because if we knew all about it

277

00:12:55,110 --> 00:12:52,609

you wouldn't have to keep publishing so

278

00:13:03,420 --> 00:12:55,120

so what I wonder

279

00:13:05,310 --> 00:13:03,430

what I wonder Richard is whether there

280

00:13:07,290 --> 00:13:05,320

really is no such thing as consciousness

281

00:13:08,940 --> 00:13:07,300

at all and that there's some other

282

00:13:11,100 --> 00:13:08,950

understanding of the functioning of the

283

00:13:16,420 --> 00:13:11,110

human brain that renders that question

284

00:13:26,530 --> 00:13:16,430

obsolete to that I gotta say like oh wow

285

00:13:42,070 --> 00:13:39,850

okay what is so funny about that of

286

00:13:46,060 --> 00:13:42,080

course that last voice was Bill Nye the

287

00:13:53,440 --> 00:13:46,070

Science Guy what he was a Spanish that

288

00:13:55,990 --> 00:13:53,450

bill was astonished I mean the idea that

289

00:13:59,110 --> 00:13:56,000

maybe consciousness is not there it's

290

00:14:02,470 --> 00:13:59,120

probably the weirdest stupidest idea

291

00:14:04,720 --> 00:14:02,480

ever conceived by human thought I mean

292

00:14:07,480 --> 00:14:04,730

where does thought take place it takes

293

00:14:11,200 --> 00:14:07,490

place in consciousness so here we have

294

00:14:13,600 --> 00:14:11,210

consciousness speculating about the

295

00:14:16,630 --> 00:14:13,610

possibility that consciousness does not

296

00:14:19,170 --> 00:14:16,640

exist and it may not be there I mean the

297

00:14:21,430 --> 00:14:19,180

very thought is that in your face

298

00:14:22,930 --> 00:14:21,440

contradiction and the fact that

299

00:14:24,880 --> 00:14:22,940

something like this is not only

300

00:14:28,480 --> 00:14:24,890

seriously entertained but even

301
00:14:31,690 --> 00:14:28,490
verbalized by a person with the public

302
00:14:37,600 --> 00:14:31,700
exposure of the gentleman we just saw is

303
00:14:41,710 --> 00:14:37,610
is a worrying sign of cultural thickness

304
00:14:43,420 --> 00:14:41,720
a very serious one you know the other

305
00:14:46,240 --> 00:14:43,430
thing that got me and I hope you just

306
00:14:49,090 --> 00:14:46,250
comment on because you are a philosopher

307
00:14:51,780 --> 00:14:49,100
and an expert in logic and you've your

308
00:14:54,340 --> 00:14:51,790
books you do a wonderful job of

309
00:14:57,850 --> 00:14:54,350
deconstructing this silliness down to a

310
00:15:13,300 --> 00:14:57,860
level that is extremely comprehensive

311
00:15:14,620 --> 00:15:13,310
and well-thought-out physics and he's

312
00:15:16,090 --> 00:15:14,630
saying no to any of this I mean I think

313
00:15:17,860 --> 00:15:16,100

first of all books

314

00:15:19,600 --> 00:15:17,870

you mean papers don't you need

315

00:15:21,400 --> 00:15:19,610

peer-reviewed published papers and

316

00:15:24,670 --> 00:15:21,410

aren't they doing a lot of work I'm

317

00:15:31,060 --> 00:15:24,680

gravity and you know issues in physics

318

00:15:34,180 --> 00:15:31,070

that are central preposterous just again

319

00:15:37,240 --> 00:15:34,190

it's just really really funny but to his

320

00:15:39,550 --> 00:15:37,250

credit he did say the laws in Newtonian

321

00:15:42,190 --> 00:15:39,560

laws so classic own

322

00:15:44,019 --> 00:15:42,200

dony physics but but given that given

323

00:15:47,290 --> 00:15:44,029

that I mean this is I guess kind of

324

00:15:50,019 --> 00:15:47,300

interesting in that we build on these

325

00:15:51,870 --> 00:15:50,029

laws right so no one has said that the

326

00:15:53,890 --> 00:15:51,880

laws of Newtonian physics are

327

00:15:56,410 --> 00:15:53,900

quote-unquote wrong they're just

328

00:15:59,050 --> 00:15:56,420

incomplete they just describe a certain

329

00:16:01,660 --> 00:15:59,060

aspect of what we observe and the same

330

00:16:05,079 --> 00:16:01,670

could be said for this insistence that

331

00:16:06,250 --> 00:16:05,089

consciousness is physical biological a

332

00:16:09,790 --> 00:16:06,260

brain-based

333

00:16:12,910 --> 00:16:09,800

all those things are not wrong per se

334

00:16:14,620 --> 00:16:12,920

they're just incomplete in terms of our

335

00:16:16,440 --> 00:16:14,630

understanding of consciousness if

336

00:16:19,630 --> 00:16:16,450

consciousness is as we'll talk about

337

00:16:21,220 --> 00:16:19,640

somehow fundamental then everything gets

338

00:16:23,380 --> 00:16:21,230

turned on its head but that doesn't mean

339

00:16:25,870 --> 00:16:23,390

that there aren't some neural correlates

340

00:16:28,240 --> 00:16:25,880

to consciousness and ground function so

341

00:16:32,050 --> 00:16:28,250

that's where I think it's it's just it

342

00:16:35,500 --> 00:16:32,060

just shows a deep misunderstanding I

343

00:16:36,970 --> 00:16:35,510

guess would be generous or of of what

344

00:16:38,890 --> 00:16:36,980

they're really talking about when he

345

00:16:41,200 --> 00:16:38,900

talks about conscious I think I think

346

00:16:43,600 --> 00:16:41,210

what motivates even the question because

347

00:16:45,730 --> 00:16:43,610

you see how they how they formulated the

348

00:16:49,090 --> 00:16:45,740

question how Richard Dawkins formulated

349

00:16:52,570 --> 00:16:49,100

the question he said what is

350

00:16:55,480 --> 00:16:52,580

consciousness and what they're trying to

351

00:16:58,120 --> 00:16:55,490

get at is a reduction what you're trying

352

00:17:01,210 --> 00:16:58,130

to answer the form of the answer they

353

00:17:04,030 --> 00:17:01,220

are looking for is consciousness is just

354

00:17:06,610 --> 00:17:04,040

this doesn't that operate in this that

355

00:17:07,870 --> 00:17:06,620

way under this and that condition in

356

00:17:09,910 --> 00:17:07,880

other words they're trying to explain

357

00:17:12,120 --> 00:17:09,920

consciousness in terms of something else

358

00:17:14,829 --> 00:17:12,130

in terms of something that isn't

359

00:17:17,699 --> 00:17:14,839

consciousness that would be the answer

360

00:17:21,220 --> 00:17:17,709

to the question what is consciousness

361

00:17:24,400 --> 00:17:21,230

and and that is indeed a baffling

362

00:17:27,400 --> 00:17:24,410

question because you see who is trying

363

00:17:29,740 --> 00:17:27,410

to answer it is consciousness that is

364

00:17:32,680 --> 00:17:29,750

trying to answer so you get a self

365

00:17:35,530 --> 00:17:32,690

reference there that makes the question

366

00:17:37,480 --> 00:17:35,540

indeed very baffling if you are framing

367

00:17:39,340 --> 00:17:37,490

it that way if you're trying to reduce

368

00:17:42,220 --> 00:17:39,350

consciousness and that's why it goes

369

00:17:44,919 --> 00:17:42,230

wrong nobody well very few people have

370

00:17:47,140 --> 00:17:44,929

stopped to think that maybe we shouldn't

371

00:17:49,840 --> 00:17:47,150

formulate the question that way maybe

372

00:17:52,450 --> 00:17:49,850

what we have to ask is how can we

373

00:17:55,210 --> 00:17:52,460

explain everything else in turn

374

00:17:58,000 --> 00:17:55,220

of consciousness which is the given of

375

00:18:00,820 --> 00:17:58,010

reality it's the the basis of knowledge

376

00:18:03,790 --> 00:18:00,830

it's that within which we know and

377

00:18:08,820 --> 00:18:03,800

inquire you know and I'd almost suggest

378

00:18:12,370 --> 00:18:08,830

that that's step two step one is to

379

00:18:16,150 --> 00:18:12,380

properly frame the borderline between

380

00:18:18,490 --> 00:18:16,160

science and philosophy which is again

381

00:18:22,680 --> 00:18:18,500

something you just wonderfully do and

382

00:18:25,030 --> 00:18:22,690

will give people a sense for how you

383

00:18:27,970 --> 00:18:25,040

process this stuff in your book so let

384

00:18:32,230 --> 00:18:27,980

me share a quote and if you would be so

385

00:18:34,690 --> 00:18:32,240

kind as to read this for us a quote from

386

00:18:36,280 --> 00:18:34,700

one of your books do you want to take a

387

00:18:38,800 --> 00:18:36,290

minute and look better and see if it's

388

00:18:40,930 --> 00:18:38,810

okay to read that yep capturing

389

00:18:43,900 --> 00:18:40,940

observable patterns and regularities of

390

00:18:46,150 --> 00:18:43,910

of elements of reality relative to each

391

00:18:48,430 --> 00:18:46,160

other is an empirical and scientific

392

00:18:50,700 --> 00:18:48,440

question with pondering the fundamental

393

00:18:54,700 --> 00:18:50,710

nature of these elements is not it is

394

00:18:57,540 --> 00:18:54,710

philosophical question this is not mine

395

00:19:02,950 --> 00:18:57,550

and this this this is a realization that

396

00:19:05,170 --> 00:19:02,960

I mean Russell said something like that

397

00:19:06,760 --> 00:19:05,180

over a hundred years ago that this is

398

00:19:11,770 --> 00:19:06,770

well known it's not something that that

399

00:19:13,660 --> 00:19:11,780

I came up with is quintessentially yours

400

00:19:16,600 --> 00:19:13,670

I don't care if somebody said it a

401
00:19:19,800 --> 00:19:16,610
hundred years ago you have five books

402
00:19:22,540 --> 00:19:19,810
that's so eloquently deconstruct it and

403
00:19:25,180 --> 00:19:22,550
reintroduce it to the discussion that is

404
00:19:28,240 --> 00:19:25,190
ongoing that these nitwits like we just

405
00:19:30,700 --> 00:19:28,250
saw are fumbling over that I think it is

406
00:19:33,400 --> 00:19:30,710
completely yours I don't care who else

407
00:19:36,520 --> 00:19:33,410
but please tell us tell us about that

408
00:19:37,350 --> 00:19:36,530
divide between what why science can't

409
00:19:43,330 --> 00:19:37,360
reach that

410
00:19:44,860 --> 00:19:43,340
well the scientific method is largely an

411
00:19:47,050 --> 00:19:44,870
empirical method it's based on

412
00:19:49,360 --> 00:19:47,060
observation and when will you observe

413
00:19:52,440 --> 00:19:49,370

nature what we are observing is the

414

00:19:54,790 --> 00:19:52,450

behavior of nature when we see a

415

00:19:57,400 --> 00:19:54,800

billiard ball hit another that's the

416

00:20:01,240 --> 00:19:57,410

behavior of matter and what science then

417

00:20:03,490 --> 00:20:01,250

does it analyzes these observations and

418

00:20:06,050 --> 00:20:03,500

tries to extract the patterns and

419

00:20:08,390 --> 00:20:06,060

regularities of the behavior of physical

420

00:20:10,220 --> 00:20:08,400

nature as it presents itself on the

421

00:20:13,280 --> 00:20:10,230

screen of perception conscious

422

00:20:16,490 --> 00:20:13,290

perception so at the end we end up with

423

00:20:18,170 --> 00:20:16,500

predictive models of nature's behavior

424

00:20:19,760 --> 00:20:18,180

we know that we if we put things

425

00:20:22,100 --> 00:20:19,770

together this and that way we will get

426

00:20:23,960 --> 00:20:22,110

this and that effect and these

427

00:20:26,600 --> 00:20:23,970

predictive models are at the heart of

428

00:20:28,610 --> 00:20:26,610

technology where we use these models to

429

00:20:30,470 --> 00:20:28,620

develop technology because we know how

430

00:20:35,150 --> 00:20:30,480

nature behaves and then we can put that

431

00:20:37,430 --> 00:20:35,160

behavior to use to our advantage and and

432

00:20:41,030 --> 00:20:37,440

because of the success of Technology

433

00:20:43,040 --> 00:20:41,040

science has acquired enormous cachet in

434

00:20:45,290 --> 00:20:43,050

our culture as they in a blur of the

435

00:20:48,050 --> 00:20:45,300

technologies that extend and improve our

436

00:20:51,650 --> 00:20:48,060

lives and this is all fair enough but

437

00:20:55,670 --> 00:20:51,660

science says nothing about the intrinsic

438

00:20:58,280 --> 00:20:55,680

nature of the physical it only analyzes

439

00:21:00,050 --> 00:20:58,290

behavior in differential terms in terms

440

00:21:02,390 --> 00:21:00,060

of patterns of differences bare

441

00:21:05,000 --> 00:21:02,400

differences for instance what is in a

442

00:21:07,220 --> 00:21:05,010

positive electric charge it is that

443

00:21:09,680 --> 00:21:07,230

which is not a negative electric charge

444

00:21:10,610 --> 00:21:09,690

because behaves in a symmetrical

445

00:21:12,830 --> 00:21:10,620

opposite way

446

00:21:15,560 --> 00:21:12,840

that's all science does but what is a

447

00:21:17,900 --> 00:21:15,570

charge intrinsically what is the nature

448

00:21:20,150 --> 00:21:17,910

of a charge science has nothing to say

449

00:21:22,880 --> 00:21:20,160

about it it's fundamentally outside the

450

00:21:26,240 --> 00:21:22,890

scope of the scientific method the

451
00:21:28,370 --> 00:21:26,250
intrinsic nature of being of existence

452
00:21:31,640 --> 00:21:28,380
is a question of ontology a question of

453
00:21:34,250 --> 00:21:31,650
philosophy which has a broader less

454
00:21:36,500 --> 00:21:34,260
precise but a broader method that's not

455
00:21:39,050 --> 00:21:36,510
based only on perceptual observation

456
00:21:40,790 --> 00:21:39,060
it's based on logic also based on

457
00:21:44,570 --> 00:21:40,800
empirical consistency it's based on

458
00:21:45,980 --> 00:21:44,580
certain values like parsimony and you

459
00:21:48,710 --> 00:21:45,990
try to make sense of things with the

460
00:21:50,560 --> 00:21:48,720
least number of postulates then it

461
00:21:53,360 --> 00:21:50,570
requires a certain way of thinking and a

462
00:21:56,150 --> 00:21:53,370
basic level of acquaintance with the

463
00:21:59,630 --> 00:21:56,160

literature that lots of scientists don't

464

00:22:01,520 --> 00:21:59,640

have some do have but lots of them

465

00:22:04,070 --> 00:22:01,530

especially the very vocal ones on a

466

00:22:06,200 --> 00:22:04,080

media a lot of them don't have they that

467

00:22:09,500 --> 00:22:06,210

they don't even they are not even aware

468

00:22:11,240 --> 00:22:09,510

of this fundamental distinction so they

469

00:22:13,580 --> 00:22:11,250

ended they end up thinking that science

470

00:22:15,410 --> 00:22:13,590

itself is a philosophy why it has

471

00:22:17,930 --> 00:22:15,420

nothing to say about the intrinsic

472

00:22:19,080 --> 00:22:17,940

nature of things and then they spill out

473

00:22:22,040 --> 00:22:19,090

no

474

00:22:24,870 --> 00:22:22,050

sense [h__h] if you forgive my English

475

00:22:28,410 --> 00:22:24,880

some of these gentlemen we just saw on

476

00:22:30,660 --> 00:22:28,420

that video are guilty of this of being

477

00:22:33,150 --> 00:22:30,670

very ignorant of the issues of

478

00:22:35,610 --> 00:22:33,160

philosophy and then doing sill dough so

479

00:22:37,560 --> 00:22:35,620

the philosophy you know what I think is

480

00:22:41,400 --> 00:22:37,570

particularly relevant in this case is

481

00:22:42,990 --> 00:22:41,410

that we have a growing body and it's

482

00:22:46,250 --> 00:22:43,000

been growing for the last hundred years

483

00:22:48,660 --> 00:22:46,260

ever since our quantum physics really

484

00:22:49,950 --> 00:22:48,670

ran up against the problem of

485

00:22:53,510 --> 00:22:49,960

consciousness the question of

486

00:22:56,040 --> 00:22:53,520

consciousness and that's that the idea

487

00:22:59,250 --> 00:22:56,050

that consciousness is somehow

488

00:23:01,710 --> 00:22:59,260

fundamental that everything is arising

489

00:23:05,880 --> 00:23:01,720

out of consciousness rather than

490

00:23:08,400 --> 00:23:05,890

everything can be reduced to what how

491

00:23:11,510 --> 00:23:08,410

consciousness is being produced given

492

00:23:14,400 --> 00:23:11,520

that that's a valid reasonable

493

00:23:18,290 --> 00:23:14,410

alternative philosophical philosophical

494

00:23:21,720 --> 00:23:18,300

outlook it makes it particularly

495

00:23:23,790 --> 00:23:21,730

troublesome to not understand those

496

00:23:26,610 --> 00:23:23,800

differences you know if it was just some

497

00:23:27,960 --> 00:23:26,620

wacky philosophical idea that would be

498

00:23:30,510 --> 00:23:27,970

one thing but the idea that

499

00:23:36,350 --> 00:23:30,520

consciousness is fundamental and we

500

00:23:38,790 --> 00:23:36,360

therefore can't get there from here is

501
00:23:42,090 --> 00:23:38,800
if you get what I mean is it

502
00:23:43,470 --> 00:23:42,100
particularly troubling I I I'm totally

503
00:23:46,740 --> 00:23:43,480
with you

504
00:23:49,230 --> 00:23:46,750
science historically has grown around

505
00:23:51,180 --> 00:23:49,240
this has been developed around this idea

506
00:23:53,400 --> 00:23:51,190
of separation between subject and object

507
00:23:55,650 --> 00:23:53,410
and the materialism enforces that

508
00:23:57,510 --> 00:23:55,660
separation very dramatically because the

509
00:23:59,760 --> 00:23:57,520
subject is something generated by your

510
00:24:01,340 --> 00:23:59,770
nervous system inside your skull and the

511
00:24:03,720 --> 00:24:01,350
objects are out there and they have

512
00:24:07,800 --> 00:24:03,730
there's a major ontological distinction

513
00:24:10,890 --> 00:24:07,810

between these two things that allows

514

00:24:14,160 --> 00:24:10,900

science to feel or at least scientists

515

00:24:16,740 --> 00:24:14,170

to feel grounded in in this separation

516

00:24:18,870 --> 00:24:16,750

in order to be neutral observers of

517

00:24:22,970 --> 00:24:18,880

nature and the moment you say well but

518

00:24:25,920 --> 00:24:22,980

everything is mind then there is no

519

00:24:28,050 --> 00:24:25,930

insulator between the mind of the

520

00:24:30,810 --> 00:24:28,060

observer and what is observed because

521

00:24:32,680 --> 00:24:30,820

it's all mind anyway and it becomes

522

00:24:36,460 --> 00:24:32,690

difficult for many

523

00:24:39,460 --> 00:24:36,470

scientists to make sense of their role

524

00:24:41,710 --> 00:24:39,470

as observers if it is all mind anyway

525

00:24:45,160 --> 00:24:41,720

and it's very counterintuitive to them

526

00:24:47,830 --> 00:24:45,170

ultimately there is no problem behind it

527

00:24:49,450 --> 00:24:47,840

at all this notion that consciousness is

528

00:24:51,340 --> 00:24:49,460

fundamental that the world out there is

529

00:24:54,340 --> 00:24:51,350

also fundamentally in consciousness

530

00:24:56,500 --> 00:24:54,350

there is not contradict the neutrality

531

00:24:58,630 --> 00:24:56,510

of the observer under certain conditions

532

00:25:01,630 --> 00:24:58,640

and other conditions it does because we

533

00:25:04,480 --> 00:25:01,640

know that experimentally but because

534

00:25:06,700 --> 00:25:04,490

they are not fluent with the issues at

535

00:25:08,980 --> 00:25:06,710

hand they misinterpret misunderstand it

536

00:25:12,070 --> 00:25:08,990

feel threatened by it and reject it

537

00:25:15,280 --> 00:25:12,080

ultimately so that really does I think

538

00:25:17,410 --> 00:25:15,290

maybe get to the heart of this dilemma

539

00:25:19,420 --> 00:25:17,420

and this challenge that we're facing of

540

00:25:21,580 --> 00:25:19,430

the original question you know what is

541

00:25:23,260 --> 00:25:21,590

consciousness and I think when people

542

00:25:26,020 --> 00:25:23,270

fly into this thing and they're going

543

00:25:28,810 --> 00:25:26,030

like well what's the debate maybe now

544

00:25:31,660 --> 00:25:28,820

they have a grounding for how difficult

545

00:25:34,270 --> 00:25:31,670

it is for science to come off of a

546

00:25:38,020 --> 00:25:34,280

position that when it's really exposed

547

00:25:40,800 --> 00:25:38,030

is it just doesn't add up

548

00:25:43,150 --> 00:25:40,810

it's very exposed in terms of being

549

00:25:46,330 --> 00:25:43,160

intellectually sound philosophically

550

00:25:48,280 --> 00:25:46,340

sound the idea it just isn't doesn't

551
00:25:50,800 --> 00:25:48,290
hold water very well as we explored so

552
00:25:51,880 --> 00:25:50,810
many times on this show now let me kind

553
00:25:54,510 --> 00:25:51,890
of switch gears for a minute here

554
00:25:58,930 --> 00:25:54,520
because one of the things that I did in

555
00:26:01,330 --> 00:25:58,940
preparation for this show was go to my

556
00:26:05,320 --> 00:26:01,340
very excellent and I mean that in all

557
00:26:07,330 --> 00:26:05,330
sincerity skeptic oh community folks at

558
00:26:09,550 --> 00:26:07,340
the skeptical forum I put up a post and

559
00:26:11,440 --> 00:26:09,560
I said hey I need your help

560
00:26:13,420 --> 00:26:11,450
I have this interview with Bernardo and

561
00:26:16,330 --> 00:26:13,430
I got a fantastic response I have to

562
00:26:19,540 --> 00:26:16,340
tell everyone your answers and responses

563
00:26:22,360 --> 00:26:19,550

were terrific so many of them have been

564

00:26:25,120 --> 00:26:22,370

incorporated into these ideas I hope you

565

00:26:28,050 --> 00:26:25,130

hear them as this interview flows I

566

00:26:31,330 --> 00:26:28,060

couldn't use them all but there is one

567

00:26:34,390 --> 00:26:31,340

post that I wanted to pull out because I

568

00:26:37,330 --> 00:26:34,400

thought it really got to some of the

569

00:26:39,670 --> 00:26:37,340

deeper inside baseball kind of stuff

570

00:26:41,440 --> 00:26:39,680

that we like to talk about you and I

571

00:26:43,390 --> 00:26:41,450

like to talk about and I thought it

572

00:26:46,659 --> 00:26:43,400

could kind of propel us into that deeper

573

00:26:50,529 --> 00:26:46,669

discussion of the conspiracy

574

00:26:54,549 --> 00:26:50,539

deep spirituality angle of it so deep

575

00:26:58,119 --> 00:26:54,559

Eden South wrote while it for a question

576

00:27:00,129 --> 00:26:58,129

for Bernardo while I do love full-blown

577

00:27:03,279 --> 00:27:00,139

idealism I think we know what he means

578

00:27:07,389 --> 00:27:03,289

it does fail to get to grips with the

579

00:27:11,259 --> 00:27:07,399

whole range of unusual human experience

580

00:27:16,419 --> 00:27:11,269

ie experience its spirits aliens in the

581

00:27:17,830 --> 00:27:16,429

east reincarnation etc let's talk about

582

00:27:22,450 --> 00:27:17,840

that for a minute

583

00:27:25,659 --> 00:27:22,460

because I do know where he's coming from

584

00:27:29,590 --> 00:27:25,669

it's one thing to say that consciousness

585

00:27:33,310 --> 00:27:29,600

is fundamental it's another thing to say

586

00:27:35,680 --> 00:27:33,320

ok what does that mean for these

587

00:27:39,789 --> 00:27:35,690

extended consciousness realms that we

588

00:27:44,619 --> 00:27:39,799

keep bumping into and how do though how

589

00:27:47,139 --> 00:27:44,629

does that ontological shift allow us to

590

00:27:50,619 --> 00:27:47,149

better explain what we seem to be

591

00:27:52,989 --> 00:27:50,629

observing there I will answer this

592

00:27:54,190 --> 00:27:52,999

directly but can you give me like 10

593

00:27:56,499 --> 00:27:54,200

seconds just to make an observation

594

00:28:00,840 --> 00:27:56,509

before I sink my teeth into the question

595

00:28:03,669 --> 00:28:00,850

I think you know before we even get to

596

00:28:06,190 --> 00:28:03,679

extraordinary experiences and and and

597

00:28:09,119 --> 00:28:06,200

the paranormal there is a challenge here

598

00:28:12,009 --> 00:28:09,129

to explain to normal the ordinary

599

00:28:14,830 --> 00:28:12,019

because the ordinary in the normal are

600

00:28:17,619 --> 00:28:14,840

not explained under mainstream physical

601
00:28:21,669 --> 00:28:17,629
is more mainstream materialism there is

602
00:28:24,609 --> 00:28:21,679
no explanation for why we feel the

603
00:28:27,129 --> 00:28:24,619
qualities of experience why we see red

604
00:28:29,139 --> 00:28:27,139
why we feel warmth why we feel

605
00:28:34,180 --> 00:28:29,149
disappointment there is nothing about

606
00:28:36,279 --> 00:28:34,190
mass momentum a charged spin in terms of

607
00:28:38,529 --> 00:28:36,289
which we could deduce phenomenal

608
00:28:40,210 --> 00:28:38,539
properties what we experience in

609
00:28:43,180 --> 00:28:40,220
consciousness so there is an enormous

610
00:28:46,779 --> 00:28:43,190
gap for explaining the normal that's why

611
00:28:49,269 --> 00:28:46,789
I focus on the normal since the

612
00:28:52,690 --> 00:28:49,279
paranormal is the next step we haven't

613
00:28:55,029 --> 00:28:52,700

explained even a normal yet I totally

614

00:28:56,349 --> 00:28:55,039

I'm totally with you up to the last part

615

00:28:58,389 --> 00:28:56,359

that you said I'd might take issue with

616

00:29:00,550 --> 00:28:58,399

that but I take it one step further and

617

00:29:02,740 --> 00:29:00,560

and point out something like memory

618

00:29:04,660 --> 00:29:02,750

because you know we really don't

619

00:29:06,880 --> 00:29:04,670

understand memory right we don't

620

00:29:09,580 --> 00:29:06,890

understand what's going on and memory is

621

00:29:14,890 --> 00:29:09,590

a tricky one because it's one that all

622

00:29:17,320 --> 00:29:14,900

the neurology folks all the mind equals

623

00:29:19,270 --> 00:29:17,330

brain materialistic sciences that no no

624

00:29:20,680 --> 00:29:19,280

we we really have a handle on memory we

625

00:29:25,480 --> 00:29:20,690

just need to drill down a little bit

626

00:29:26,830 --> 00:29:25,490

further so if you can speak to memory

627

00:29:29,440 --> 00:29:26,840

being another one so yeah we don't

628

00:29:30,550 --> 00:29:29,450

understand how we experience read or how

629

00:29:32,500 --> 00:29:30,560

we experience love

630

00:29:33,790 --> 00:29:32,510

but even this thing that memory they

631

00:29:36,010 --> 00:29:33,800

think they have nailed but they don't

632

00:29:38,860 --> 00:29:36,020

understand if you look at the literature

633

00:29:42,190 --> 00:29:38,870

coming out claiming to explain memory

634

00:29:43,960 --> 00:29:42,200

it's all self contradictory some explain

635

00:29:46,900 --> 00:29:43,970

memory in terms of you know large

636

00:29:49,420 --> 00:29:46,910

networks of neurons others explain

637

00:29:52,600 --> 00:29:49,430

memory try to explain memory in terms of

638

00:29:54,310 --> 00:29:52,610

intra neuron processes things are all

639

00:29:55,660 --> 00:29:54,320

over the place I can mention one

640

00:29:57,610 --> 00:29:55,670

concrete example there was a study

641

00:30:00,300 --> 00:29:57,620

published a couple of years ago claiming

642

00:30:04,750 --> 00:30:00,310

to have found the key to memory based on

643

00:30:06,640 --> 00:30:04,760

experiments with mice they expose the

644

00:30:08,710 --> 00:30:06,650

mice to a certain experience in one

645

00:30:11,770 --> 00:30:08,720

environment they moved the my store not

646

00:30:15,490 --> 00:30:11,780

in the mouse and other environment and

647

00:30:16,390 --> 00:30:15,500

then the mouse with it would trigger

648

00:30:18,220 --> 00:30:16,400

they would trigger that memory

649

00:30:20,890 --> 00:30:18,230

artificially and the mouse would behave

650

00:30:22,740 --> 00:30:20,900

as if it was as if it were in the first

651
00:30:26,320 --> 00:30:22,750
environment and then oh we figured out

652
00:30:28,090 --> 00:30:26,330
how to how memories are created and if

653
00:30:31,900 --> 00:30:28,100
you go through the details what they did

654
00:30:35,590 --> 00:30:31,910
was they grew some cellular switches in

655
00:30:38,530 --> 00:30:35,600
the brain of the mice that they could

656
00:30:40,840 --> 00:30:38,540
then identify which neurons fired up

657
00:30:43,570 --> 00:30:40,850
when the mouse was exposed to a first

658
00:30:45,250 --> 00:30:43,580
experience in environment a so they had

659
00:30:47,920 --> 00:30:45,260
the map of all the neurons that

660
00:30:50,050 --> 00:30:47,930
activated at that moment in environment

661
00:30:52,030 --> 00:30:50,060
a and they moved the mouse to

662
00:30:54,070 --> 00:30:52,040
environment B and with a specific

663
00:30:56,650 --> 00:30:54,080

technique using light they could

664

00:30:58,750 --> 00:30:56,660

artificially reactivate the same neurons

665

00:31:01,240 --> 00:30:58,760

as the mouse was an environment B and

666

00:31:05,230 --> 00:31:01,250

guess what the mouse behaved as if it

667

00:31:08,380 --> 00:31:05,240

were in environment a now who recorded

668

00:31:11,260 --> 00:31:08,390

and recalled the memory the scientists

669

00:31:13,600 --> 00:31:11,270

through this cellular techniques as

670

00:31:14,440 --> 00:31:13,610

through exposing the neurons to light

671

00:31:16,030 --> 00:31:14,450

creating

672

00:31:17,800 --> 00:31:16,040

cellular switches in the neurons and

673

00:31:19,360 --> 00:31:17,810

recording which neurons were activated

674

00:31:21,190 --> 00:31:19,370

in the first situation and then

675

00:31:23,260 --> 00:31:21,200

reactivating them artificially in the

676

00:31:25,360 --> 00:31:23,270

second situation that doesn't show at

677

00:31:28,060 --> 00:31:25,370

all how memory works to show how memory

678

00:31:30,070 --> 00:31:28,070

works we would have to figure out where

679

00:31:33,130 --> 00:31:30,080

the mouse stores the pattern of

680

00:31:36,010 --> 00:31:33,140

activated neurons without these

681

00:31:38,950 --> 00:31:36,020

artificial cellular switches and an

682

00:31:41,560 --> 00:31:38,960

exposure to light the scientists created

683

00:31:43,270 --> 00:31:41,570

so what you see being claimed in the

684

00:31:47,290 --> 00:31:43,280

science press about we having understood

685

00:31:50,950 --> 00:31:47,300

memory it's it's extremely exaggerated

686

00:31:54,420 --> 00:31:50,960

we we don't understand memory and let's

687

00:31:57,220 --> 00:31:54,430

give four people maybe a counter

688

00:32:00,220 --> 00:31:57,230

potential explanation for how that might

689

00:32:02,200 --> 00:32:00,230

work and it could also relate to if

690

00:32:04,540 --> 00:32:02,210

anyone is familiar with epigenetics

691

00:32:09,720 --> 00:32:04,550

which in the similar way kind of blows

692

00:32:11,680 --> 00:32:09,730

all this craziness about brain based

693

00:32:15,130 --> 00:32:11,690

consciousness and consciousness being

694

00:32:16,810 --> 00:32:15,140

100% brain based our modern

695

00:32:19,620 --> 00:32:16,820

understanding of epigenetics

696

00:32:22,080 --> 00:32:19,630

blows that away but in your mice example

697

00:32:25,900 --> 00:32:22,090

you know we could take something like

698

00:32:27,670 --> 00:32:25,910

sheldricks morpho genetic fields more

699

00:32:31,690 --> 00:32:27,680

for genetic fields if you wanted to and

700

00:32:33,790 --> 00:32:31,700

say there's or any other understanding

701
00:32:36,430 --> 00:32:33,800
we have of consciousness in the cloud

702
00:32:39,360 --> 00:32:36,440
right and then that some certain

703
00:32:43,450 --> 00:32:39,370
patterns some certain arrangement of

704
00:32:47,170 --> 00:32:43,460
physical neurons is then able to relax s

705
00:32:49,300 --> 00:32:47,180
that would be a potential beginning of

706
00:32:51,310 --> 00:32:49,310
an explanation am i getting kind of

707
00:32:53,410 --> 00:32:51,320
where you're coming from there but

708
00:32:55,660 --> 00:32:53,420
perhaps i don't really have a firm

709
00:32:57,220 --> 00:32:55,670
opinion on this doesn't matter there

710
00:32:59,350 --> 00:32:57,230
just is some other ways that we could

711
00:33:01,090 --> 00:32:59,360
get there absolutely absolutely and you

712
00:33:09,310 --> 00:33:01,100
may have to do with the nature of time

713
00:33:11,560 --> 00:33:09,320

itself but to to guess here what memory

714

00:33:13,200 --> 00:33:11,570

might be out just just be speculating I

715

00:33:16,810 --> 00:33:13,210

don't really have an intelligent answer

716

00:33:19,930 --> 00:33:16,820

to that question fair enough and I think

717

00:33:21,760 --> 00:33:19,940

it's important to say that that may be

718

00:33:25,080 --> 00:33:21,770

one of the reasons you don't is because

719

00:33:28,660 --> 00:33:25,090

once we jump into that consciousness is

720

00:33:32,830 --> 00:33:28,670

fundamental mindset everything work

721

00:33:34,690 --> 00:33:32,840

say back about material about explaining

722

00:33:37,060 --> 00:33:34,700

this winds up being this kind of back

723

00:33:39,490 --> 00:33:37,070

door materialism as I call it where we

724

00:33:42,220 --> 00:33:39,500

wind up coming back to using some kind

725

00:33:43,330 --> 00:33:42,230

of mechanical materialist explanation

726

00:33:45,370 --> 00:33:43,340

for things that we wanted to get away

727

00:33:47,560 --> 00:33:45,380

from the first place but we don't have

728

00:33:50,590 --> 00:33:47,570

the language to really make that leap

729

00:33:52,210 --> 00:33:50,600

and we're confined by our language and

730

00:33:54,400 --> 00:33:52,220

our shared experience to explain what's

731

00:33:56,920 --> 00:33:54,410

going on so I really like that you

732

00:33:58,930 --> 00:33:56,930

pulled up in terms of not jumping to a

733

00:34:01,480 --> 00:33:58,940

definitive answer and hopefully people

734

00:34:04,270 --> 00:34:01,490

will get a sense for two things one how

735

00:34:06,460 --> 00:34:04,280

difficult it is and how hamstrung

736

00:34:08,590 --> 00:34:06,470

scientists are that's why they wind up

737

00:34:11,310 --> 00:34:08,600

saying all these silly things because

738

00:34:14,830 --> 00:34:11,320

it's hard to say anything that can't be

739

00:34:17,590 --> 00:34:14,840

contradicted once you make this paradigm

740

00:34:19,750 --> 00:34:17,600

this ontological shift do you have any

741

00:34:21,399 --> 00:34:19,760

thoughts on that I wanted to make a

742

00:34:24,639 --> 00:34:21,409

comment on something you said because I

743

00:34:26,980 --> 00:34:24,649

think it you were very correct once we

744

00:34:31,419 --> 00:34:26,990

are sort of addicted to a certain

745

00:34:33,730 --> 00:34:31,429

pattern of thinking that that sort of

746

00:34:35,620 --> 00:34:33,740

grows out of materialist assumptions

747

00:34:38,409 --> 00:34:35,630

it's very difficult to kick the habit

748

00:34:41,260 --> 00:34:38,419

even if you conceptually convince

749

00:34:43,270 --> 00:34:41,270

yourself that hey materialism just

750

00:34:45,100 --> 00:34:43,280

doesn't cut the mustard now maybe

751
00:34:47,320 --> 00:34:45,110
idealism this consciousness as

752
00:34:49,330 --> 00:34:47,330
fundamental thing maybe that's the best

753
00:34:51,430 --> 00:34:49,340
Avenue to make sense of nature even if

754
00:34:54,310 --> 00:34:51,440
you're conceptually convinced of that we

755
00:34:56,530 --> 00:34:54,320
end up falling back into old patterns of

756
00:34:58,210 --> 00:34:56,540
thinking that have been inculcated in us

757
00:35:01,390 --> 00:34:58,220
through education through the media's

758
00:35:03,670 --> 00:35:01,400
and you know everywhere it's a habit

759
00:35:07,120 --> 00:35:03,680
it's very difficult to to kick you have

760
00:35:09,670 --> 00:35:07,130
to be very alert to your own patterns of

761
00:35:13,090 --> 00:35:09,680
thought to to to see when you're falling

762
00:35:20,860 --> 00:35:13,100
into the trap again okay so I have to

763
00:35:26,710 --> 00:35:20,870

bring you back though because I do think

764

00:35:30,910 --> 00:35:26,720

the fringes offer us some clues some

765

00:35:34,120 --> 00:35:30,920

insights in terms of testing our ideas

766

00:35:35,200 --> 00:35:34,130

and our theories so in this case I would

767

00:35:38,080 --> 00:35:35,210

take issue with you

768

00:35:41,730 --> 00:35:38,090

I think the extraordinary experiences

769

00:35:45,089 --> 00:35:41,740

the paranormal experiences

770

00:35:48,930 --> 00:35:45,099

do two things one they test the theory

771

00:35:53,880 --> 00:35:48,940

at its edges but it also challenges our

772

00:35:57,319 --> 00:35:53,890

idea of what normal is I mean if there

773

00:36:00,599 --> 00:35:57,329

is an extended realm where near-death

774

00:36:03,240 --> 00:36:00,609

experiencers go and people who use

775

00:36:06,599 --> 00:36:03,250

psychedelics go and when they go there

776

00:36:08,750 --> 00:36:06,609

they see they say it was there and he

777

00:36:13,950 --> 00:36:08,760

said why did it take you so long if

778

00:36:15,950 --> 00:36:13,960

people in reincarnation scenarios either

779

00:36:18,870 --> 00:36:15,960

between lives or in past lives are

780

00:36:20,730 --> 00:36:18,880

accessing these extended consciousness

781

00:36:22,530 --> 00:36:20,740

realms which we don't understand we

782

00:36:26,220 --> 00:36:22,540

can't begin to map out we can't be map

783

00:36:28,170 --> 00:36:26,230

out our own let alone theirs then you

784

00:36:30,540 --> 00:36:28,180

know maybe there's something there that

785

00:36:32,910 --> 00:36:30,550

will add to this discussion and I also

786

00:36:34,859 --> 00:36:32,920

think the the second part of this which

787

00:36:37,890 --> 00:36:34,869

we didn't talk about is important too in

788

00:36:40,349 --> 00:36:37,900

that there are a lot of wisdom

789

00:36:42,510 --> 00:36:40,359

traditions who have told us exactly this

790

00:36:46,170 --> 00:36:42,520

and they've gone one step further and

791

00:36:50,099 --> 00:36:46,180

they've said what you need to do is kind

792

00:36:52,349 --> 00:36:50,109

of look past that don't look past don't

793

00:36:55,260 --> 00:36:52,359

look too far don't get too hung up on

794

00:36:57,270 --> 00:36:55,270

the spirits the spirits the aliens the

795

00:36:59,940 --> 00:36:57,280

extended consciousness realms which are

796

00:37:03,599 --> 00:36:59,950

out there because they're just another

797

00:37:06,950 --> 00:37:03,609

middle ground to someplace else that you

798

00:37:10,109 --> 00:37:06,960

want to get to which introduces a whole

799

00:37:13,470 --> 00:37:10,119

bunch of other questions about purpose

800

00:37:17,299 --> 00:37:13,480

direction why but there's a lot on the

801
00:37:22,789 --> 00:37:17,309
table there I'll go ahead and have at it

802
00:37:25,829 --> 00:37:22,799
well if you look at the extraordinary

803
00:37:30,450 --> 00:37:25,839
things that are mentioning the list and

804
00:37:32,579 --> 00:37:30,460
the ease spirits I think with the

805
00:37:35,120 --> 00:37:32,589
exception perhaps of aliens they all

806
00:37:38,490 --> 00:37:35,130
have one thing in common which is that

807
00:37:41,789 --> 00:37:38,500
consciousness doesn't stop upon physical

808
00:37:44,190 --> 00:37:41,799
death the death of the body and that is

809
00:37:46,440 --> 00:37:44,200
something that is inherent indeed to

810
00:37:49,140 --> 00:37:46,450
idealism if consciousness is fundamental

811
00:37:51,240 --> 00:37:49,150
if it's not just an epiphenomenon or

812
00:37:53,190 --> 00:37:51,250
something generated or constituted by

813
00:37:54,839 --> 00:37:53,200

particular arrangements of matter in the

814

00:37:55,620 --> 00:37:54,849

form of a brain and if those

815

00:37:57,240 --> 00:37:55,630

arrangements

816

00:37:58,920 --> 00:37:57,250

dissolve the consciousness dissolves as

817

00:38:01,470 --> 00:37:58,930

well if instead consciousness is

818

00:38:03,600 --> 00:38:01,480

fundamental then it cannot disappear

819

00:38:05,100 --> 00:38:03,610

because it's what there is it has

820

00:38:08,210 --> 00:38:05,110

nowhere to go it has nowhere to

821

00:38:11,160 --> 00:38:08,220

disappear into its death out of which

822

00:38:14,760 --> 00:38:11,170

everything arises so consciousness

823

00:38:18,390 --> 00:38:14,770

itself cannot disappear but then the

824

00:38:20,910 --> 00:38:18,400

question becomes but what is the form of

825

00:38:22,860 --> 00:38:20,920

that consciousness because clearly my

826

00:38:24,150 --> 00:38:22,870

own personal consciousness is not

827

00:38:26,100 --> 00:38:24,160

all-encompassing

828

00:38:27,930 --> 00:38:26,110

and not aware of what's going on on the

829

00:38:30,240 --> 00:38:27,940

other side of the galaxy I'm not aware

830

00:38:32,130 --> 00:38:30,250

even of your thoughts just across the

831

00:38:35,280 --> 00:38:32,140

globe I'm not aware of what my

832

00:38:37,560 --> 00:38:35,290

girlfriend's thinking downstairs and I

833

00:38:40,080 --> 00:38:37,570

know what the neighbors are watching on

834

00:38:41,820 --> 00:38:40,090

television so clearly my personal

835

00:38:43,380 --> 00:38:41,830

consciousness is very restricted and yet

836

00:38:46,260 --> 00:38:43,390

I'm saying that consciousness is the

837

00:38:49,170 --> 00:38:46,270

ground of all existence so I think

838

00:38:50,760 --> 00:38:49,180

what's important for people to

839

00:38:53,850 --> 00:38:50,770

understand is that idealism is not

840

00:38:57,080 --> 00:38:53,860

solipsism the claim is not that all

841

00:39:00,540 --> 00:38:57,090

nature happens as my own personal dream

842

00:39:02,310 --> 00:39:00,550

the claim is that nature itself unfolds

843

00:39:04,920 --> 00:39:02,320

in consciousness but consciousness is

844

00:39:08,000 --> 00:39:04,930

transpersonal it extends beyond my

845

00:39:10,770 --> 00:39:08,010

personal consciousness and my or yours

846

00:39:13,800 --> 00:39:10,780

personal consciousness is a dissociated

847

00:39:16,950 --> 00:39:13,810

complex of universal consciousness and

848

00:39:20,760 --> 00:39:16,960

if we could call it that way and if life

849

00:39:23,850 --> 00:39:20,770

is what these dissociated complexes of

850

00:39:26,040 --> 00:39:23,860

universal consciousness look like what

851
00:39:28,040 --> 00:39:26,050
is death death would be at the end of

852
00:39:30,630 --> 00:39:28,050
the dissociation it would be the

853
00:39:33,300 --> 00:39:30,640
reintegration of what we consider to be

854
00:39:36,960 --> 00:39:33,310
our personal consciousness into a

855
00:39:39,060 --> 00:39:36,970
broader more basic matrix of experience

856
00:39:41,850 --> 00:39:39,070
that corresponds to the universe at

857
00:39:45,690 --> 00:39:41,860
large and in that sense what I am

858
00:39:48,750 --> 00:39:45,700
positing here does support the idea that

859
00:39:51,000 --> 00:39:48,760
consciousness continues to what degree

860
00:39:53,250 --> 00:39:51,010
of dissociation it continues as it's

861
00:39:55,560 --> 00:39:53,260
still personal consciousness is it's

862
00:39:58,770 --> 00:39:55,570
individualized in some form I don't know

863
00:40:00,450 --> 00:39:58,780

perhaps if it is then there is grounds

864

00:40:04,500 --> 00:40:00,460

to talk about what people refer to as

865

00:40:06,870 --> 00:40:04,510

spirits but in one way or another it

866

00:40:09,370 --> 00:40:06,880

validates this idea that consciousness

867

00:40:12,190 --> 00:40:09,380

continues okay I think that

868

00:40:13,900 --> 00:40:12,200

might bring us to this second part of

869

00:40:16,150 --> 00:40:13,910

the process that I want yeah about the

870

00:40:18,460 --> 00:40:16,160

conspiracy thing and I want to talk

871

00:40:20,470 --> 00:40:18,470

about it I mean that word is gonna throw

872

00:40:22,270 --> 00:40:20,480

a lot of people for a loop but I want to

873

00:40:23,860 --> 00:40:22,280

talk about it in a new way that maybe

874

00:40:26,710 --> 00:40:23,870

does add something to the conversation

875

00:40:29,710 --> 00:40:26,720

because the first conspiracy

876

00:40:34,480 --> 00:40:29,720

I'd say surrounding consciousness is the

877

00:40:37,090 --> 00:40:34,490

God conspiracy because we got all on

878

00:40:39,640 --> 00:40:37,100

those scientists you know the neil

879

00:40:43,660 --> 00:40:39,650

degrasse tyson and the rest for their

880

00:40:47,500 --> 00:40:43,670

just silliness I think one of the things

881

00:40:50,260 --> 00:40:47,510

that lies behind that is they're worried

882

00:40:52,840 --> 00:40:50,270

about the god thing they're worried

883

00:40:55,660 --> 00:40:52,850

about a discussion of consciousness is

884

00:40:57,610 --> 00:40:55,670

going to lead back to a discussion about

885

00:41:01,360 --> 00:40:57,620

God and you know what they're kind of

886

00:41:04,540 --> 00:41:01,370

right because ultimately it does once we

887

00:41:07,540 --> 00:41:04,550

move past the scientific materialism

888

00:41:10,600 --> 00:41:07,550

that did defeat Catholicism and the

889

00:41:14,560 --> 00:41:10,610

church and brought the power over to the

890

00:41:16,780 --> 00:41:14,570

science gods the move away from that to

891

00:41:20,560 --> 00:41:16,790

ideal even the idealism that you're

892

00:41:25,150 --> 00:41:20,570

talking about is a move that brings up

893

00:41:28,600 --> 00:41:25,160

all these questions of God again so I

894

00:41:30,880 --> 00:41:28,610

have some specific questions for you

895

00:41:33,730 --> 00:41:30,890

about what you think about the God

896

00:41:35,740 --> 00:41:33,740

question whether you agree with this

897

00:41:38,020 --> 00:41:35,750

idea of the way I usually sneak it into

898

00:41:39,960 --> 00:41:38,030

people is by calling it the hierarchy of

899

00:41:42,160 --> 00:41:39,970

consciousness if there's a hierarchy

900

00:41:45,280 --> 00:41:42,170

there's something at the top you know

901
00:41:47,830 --> 00:41:45,290
and and and then I want to understand

902
00:41:50,560 --> 00:41:47,840
how you think idealism fits into that

903
00:41:53,500 --> 00:41:50,570
but what I thought would be kind of a

904
00:41:56,560 --> 00:41:53,510
fun way to do it is through this

905
00:41:58,780 --> 00:41:56,570
interview that I did with the very

906
00:42:02,380 --> 00:41:58,790
excellent near-death experience

907
00:42:06,120 --> 00:42:02,390
researcher dr. Jeff long who recently

908
00:42:10,390 --> 00:42:06,130
wrote a book about what near-death

909
00:42:13,030 --> 00:42:10,400
experiencers have to say about God so

910
00:42:14,680 --> 00:42:13,040
I've teed up the questions but let me if

911
00:42:17,610 --> 00:42:14,690
you will go ahead and play this clip and

912
00:42:19,600 --> 00:42:17,620
then we can talk about the god

913
00:42:21,700 --> 00:42:19,610

conspiracy as it relates to

914

00:42:25,070 --> 00:42:21,710

consciousness

915

00:42:27,620 --> 00:42:25,080

in the book God in the afterlife you

916

00:42:30,920 --> 00:42:27,630

asked during your experience did you

917

00:42:34,820 --> 00:42:30,930

encounter any specific information or

918

00:42:39,680 --> 00:42:34,830

awareness that God or a Supreme Being

919

00:42:43,430 --> 00:42:39,690

either does or does not exist and then

920

00:42:45,710 --> 00:42:43,440

you said you broke it down and said what

921

00:42:48,140 --> 00:42:45,720

did they believe before their experience

922

00:42:50,810 --> 00:42:48,150

and what did they believe currently as

923

00:42:52,580 --> 00:42:50,820

they're answering the survey and the

924

00:42:55,460 --> 00:42:52,590

choices you gave them where God

925

00:42:59,540 --> 00:42:55,470

definitely exists God probably exists I

926
00:43:02,750 --> 00:42:59,550
was uncertain if God exists God probably

927
00:43:05,510 --> 00:43:02,760
doesn't exist or God definitely doesn't

928
00:43:07,520 --> 00:43:05,520
exist what did you find out I was

929
00:43:11,240 --> 00:43:07,530
astounded when I crunched the numbers on

930
00:43:13,070 --> 00:43:11,250
that I was amazed at especially among

931
00:43:16,250 --> 00:43:13,080
people that encountered God the

932
00:43:18,550 --> 00:43:16,260
unbelievable shift from how they would

933
00:43:20,750 --> 00:43:18,560
have responded to their thoughts about

934
00:43:23,390 --> 00:43:20,760
reality of God at the time they had

935
00:43:24,470 --> 00:43:23,400
their near-death experience to later at

936
00:43:26,330 --> 00:43:24,480
the time they were sharing their

937
00:43:29,150 --> 00:43:26,340
near-death experience an average of 20

938
00:43:30,680 --> 00:43:29,160

years later virtually everybody that had

939

00:43:33,080 --> 00:43:30,690

a near-death experience and encountered

940

00:43:36,620 --> 00:43:33,090

God shifted to believing that God

941

00:43:38,480 --> 00:43:36,630

absolutely is real and it responded to

942

00:43:40,790 --> 00:43:38,490

that survey question as such and that's

943

00:43:43,100 --> 00:43:40,800

not a surprise now is it they were

944

00:43:47,120 --> 00:43:43,110

convinced that what they saw was really

945

00:43:49,940 --> 00:43:47,130

God God as in as with whatever evidence

946

00:43:51,950 --> 00:43:49,950

they needed with what however they

947

00:43:54,170 --> 00:43:51,960

wanted to invent years to think about it

948

00:43:56,060 --> 00:43:54,180

they had plenty of time to consider is

949

00:43:59,480 --> 00:43:56,070

this really God or it's really not God

950

00:44:01,310 --> 00:43:59,490

and yet by the hundreds overwhelming

951
00:44:03,550 --> 00:44:01,320
majority of near-death experiencers that

952
00:44:06,710 --> 00:44:03,560
encounter God come away believing hey

953
00:44:09,410 --> 00:44:06,720
based on my personal experience I now

954
00:44:11,090 --> 00:44:09,420
know beyond a doubt not on faith not

955
00:44:14,090 --> 00:44:11,100
because somebody told me to believe this

956
00:44:18,800 --> 00:44:14,100
but my own personal experience than God

957
00:44:22,400 --> 00:44:18,810
is have we lost the last word there but

958
00:44:26,300 --> 00:44:22,410
you get the idea absolutely do you want

959
00:44:28,190 --> 00:44:26,310
me to comment on that yes from a strict

960
00:44:30,320 --> 00:44:28,200
philosophical perspective the word God

961
00:44:32,810 --> 00:44:30,330
is tricky because it it's not clearly

962
00:44:35,390 --> 00:44:32,820
defined I mean - do we mean the personal

963
00:44:38,450 --> 00:44:35,400

God of the Abrahamic religions is

964

00:44:41,420 --> 00:44:38,460

a sort of universal ego or is it the

965

00:44:43,430 --> 00:44:41,430

brahmana of Hinduism consciousness

966

00:44:45,200 --> 00:44:43,440

itself but not necessarily a personal

967

00:44:48,049 --> 00:44:45,210

God so it's difficult from that

968

00:44:50,779 --> 00:44:48,059

perspective yet as you which was just

969

00:44:53,839 --> 00:44:50,789

dr. long talked about when people are

970

00:44:57,289 --> 00:44:53,849

confronted with a certain experience the

971

00:45:00,200 --> 00:44:57,299

conceptual conceptual minutiae become

972

00:45:02,720 --> 00:45:00,210

unimportant they know what they mean by

973

00:45:04,970 --> 00:45:02,730

the word God at the core of it and and

974

00:45:08,180 --> 00:45:04,980

they come back and say yes God exists so

975

00:45:11,240 --> 00:45:08,190

they they are losing to some core

976

00:45:14,359 --> 00:45:11,250

characteristic to some core essence that

977

00:45:18,230 --> 00:45:14,369

is always present when somebody uses the

978

00:45:20,750 --> 00:45:18,240

word God and what could that be well in

979

00:45:22,460 --> 00:45:20,760

the West we religious people tend to

980

00:45:24,620 --> 00:45:22,470

associate the word God with you know

981

00:45:26,960 --> 00:45:24,630

omniscience how many presents and

982

00:45:29,180 --> 00:45:26,970

omnipotence what is omniscience it's

983

00:45:32,500 --> 00:45:29,190

it's basically alludes to the presence

984

00:45:36,890 --> 00:45:32,510

of consciousness omniscience is sense

985

00:45:38,779 --> 00:45:36,900

sentience everywhere and that's an at

986

00:45:42,380 --> 00:45:38,789

the direct allusion to consciousness and

987

00:45:43,910 --> 00:45:42,390

how many presence presence everywhere it

988

00:45:45,920 --> 00:45:43,920

just means that consciousness is

989

00:45:49,160 --> 00:45:45,930

everywhere and that that comes very

990

00:45:52,700 --> 00:45:49,170

close to the idealist view that at the

991

00:45:54,829 --> 00:45:52,710

root of nature at the the highest level

992

00:45:58,519 --> 00:45:54,839

of this higher hierarchy you alluded to

993

00:46:01,430 --> 00:45:58,529

what you have is consciousness that is

994

00:46:04,190 --> 00:46:01,440

present everywhere and is aware of all

995

00:46:06,920 --> 00:46:04,200

that's playing out in the universe and

996

00:46:09,079 --> 00:46:06,930

it's very easy to associate the word God

997

00:46:11,569 --> 00:46:09,089

with that in a very honest and genuine

998

00:46:13,700 --> 00:46:11,579

way fair enough

999

00:46:16,190 --> 00:46:13,710

I'm gonna pick up on that last point you

1000

00:46:20,690 --> 00:46:16,200

made though because hierarchy does

1001
00:46:21,740 --> 00:46:20,700
suggest more than that and I would throw

1002
00:46:24,859 --> 00:46:21,750
out there because I've had this

1003
00:46:29,559 --> 00:46:24,869
discussion with some really great people

1004
00:46:32,329 --> 00:46:29,569
who I I respected very much in the

1005
00:46:34,339 --> 00:46:32,339
parapsychology community and in the

1006
00:46:36,109 --> 00:46:34,349
scientific community like real science

1007
00:46:38,150 --> 00:46:36,119
people not like the other ones we saw we

1008
00:46:40,900 --> 00:46:38,160
were talking to there and they they seem

1009
00:46:43,460 --> 00:46:40,910
to stumble over this thing too because

1010
00:46:46,490 --> 00:46:43,470
they want there to be this blob of

1011
00:46:48,790 --> 00:46:46,500
consciousness they don't want there to

1012
00:46:51,250 --> 00:46:48,800
be a shape to it

1013
00:46:53,020 --> 00:46:51,260

and the shape seems to be from all

1014

00:46:54,580 --> 00:46:53,030

accounts that I can see is there is a

1015

00:46:56,100 --> 00:46:54,590

hierarchy I mean that's what these

1016

00:46:58,860 --> 00:46:56,110

people are saying they saying they're

1017

00:47:02,260 --> 00:46:58,870

experiencing that I'm at one level and

1018

00:47:05,110 --> 00:47:02,270

there's another level I could get to and

1019

00:47:07,060 --> 00:47:05,120

there's yet another level beyond that

1020

00:47:10,150 --> 00:47:07,070

and there's yet another level beyond

1021

00:47:13,240 --> 00:47:10,160

that so it's difficult for us in this

1022

00:47:16,600 --> 00:47:13,250

position to even presume that we could

1023

00:47:18,700 --> 00:47:16,610

map these extended consciousness realms

1024

00:47:20,800 --> 00:47:18,710

but it does seem to me that that's the

1025

00:47:22,300 --> 00:47:20,810

game that's the only game we have I mean

1026
00:47:24,100 --> 00:47:22,310
we can just kind of give up and say well

1027
00:47:26,260 --> 00:47:24,110
we have the shared experience we'll

1028
00:47:29,290 --> 00:47:26,270
never know it's it but if we are gonna

1029
00:47:31,600 --> 00:47:29,300
use the data that we are getting back

1030
00:47:33,700 --> 00:47:31,610
that's what the data is telling me

1031
00:47:36,010 --> 00:47:33,710
Bernardo is there is a shape to it and

1032
00:47:38,080 --> 00:47:36,020
the shape is hierarchy there's a moral

1033
00:47:40,240 --> 00:47:38,090
imperative it's driving towards some

1034
00:47:42,910 --> 00:47:40,250
things that we think are fundamentally

1035
00:47:45,970 --> 00:47:42,920
true or not fundamentally but true

1036
00:47:48,160 --> 00:47:45,980
they're just truth moral true yeah do

1037
00:47:51,850 --> 00:47:48,170
you have any thoughts on that

1038
00:47:54,130 --> 00:47:51,860

lots I think the key is to partition the

1039

00:47:57,040 --> 00:47:54,140

task in such a way that by addressing

1040

00:47:59,290 --> 00:47:57,050

one part of the task we don't invalidate

1041

00:48:01,960 --> 00:47:59,300

or delete item eyes another part of the

1042

00:48:03,880 --> 00:48:01,970

task that may not depend on the first

1043

00:48:08,350 --> 00:48:03,890

one and what I mean by that is the

1044

00:48:11,740 --> 00:48:08,360

following we can conclude I believe very

1045

00:48:13,390 --> 00:48:11,750

firmly on the basis of of the logic of

1046

00:48:15,070 --> 00:48:13,400

the situation on the basis of the

1047

00:48:18,010 --> 00:48:15,080

empirical evidence we have that is

1048

00:48:20,820 --> 00:48:18,020

undisputed on the basis of parsimony and

1049

00:48:23,800 --> 00:48:20,830

the key values of philosophical thought

1050

00:48:25,660 --> 00:48:23,810

that consciousness is fundamental and it

1051
00:48:27,730 --> 00:48:25,670
is the only fundamental thing and we can

1052
00:48:30,340 --> 00:48:27,740
conclude that irrespective of

1053
00:48:32,890 --> 00:48:30,350
discussions about hierarchy and realms

1054
00:48:37,030 --> 00:48:32,900
of consciousness and all that if we have

1055
00:48:40,060 --> 00:48:37,040
that foundation established we can in

1056
00:48:42,010 --> 00:48:40,070
parallel or afterwards address the other

1057
00:48:43,480 --> 00:48:42,020
problems and what are the other problems

1058
00:48:44,800 --> 00:48:43,490
the other problems is that if you're

1059
00:48:48,150 --> 00:48:44,810
talking about consciousness as

1060
00:48:52,060 --> 00:48:48,160
fundamental you immediately legitimize

1061
00:48:53,470 --> 00:48:52,070
first-person experience as data because

1062
00:48:55,720 --> 00:48:53,480
it's consciousness we are talking about

1063
00:48:58,450 --> 00:48:55,730

so how do we how do you explore

1064

00:49:01,750 --> 00:48:58,460

consciousness through experience that's

1065

00:49:03,910 --> 00:49:01,760

how you explore consciousness so I think

1066

00:49:05,710 --> 00:49:03,920

this talk about hierarchies of

1067

00:49:08,080 --> 00:49:05,720

consciousness is valid

1068

00:49:10,720 --> 00:49:08,090

it should not be conflated with the

1069

00:49:12,280 --> 00:49:10,730

ontological question about what is the

1070

00:49:14,920 --> 00:49:12,290

ontological primitive I think that can

1071

00:49:17,140 --> 00:49:14,930

be dealt with independent of it but it

1072

00:49:19,270 --> 00:49:17,150

is a valid question to talk about the

1073

00:49:22,300 --> 00:49:19,280

hierarchy of consciousness and what we

1074

00:49:25,540 --> 00:49:22,310

have to go with to discuss that are the

1075

00:49:27,580 --> 00:49:25,550

experiences people have and these

1076

00:49:29,740 --> 00:49:27,590

experiences could be spontaneous

1077

00:49:32,440 --> 00:49:29,750

it could be caused by physiological

1078

00:49:35,400 --> 00:49:32,450

stress like near-death experiences they

1079

00:49:38,830 --> 00:49:35,410

could be triggered by spiritual practice

1080

00:49:40,420 --> 00:49:38,840

meditation yoga prayer they could be

1081

00:49:43,210 --> 00:49:40,430

triggered by substances such as

1082

00:49:45,280 --> 00:49:43,220

psychedelics as it turns out they all

1083

00:49:48,090 --> 00:49:45,290

seem to have at the high level of

1084

00:49:51,190 --> 00:49:48,100

abstraction a similar mechanism of

1085

00:49:54,460 --> 00:49:51,200

operation they all seem to imply reduced

1086

00:49:58,780 --> 00:49:54,470

activity in key areas of the brain which

1087

00:50:03,460 --> 00:49:58,790

is suggestive too and then the question

1088

00:50:06,190 --> 00:50:03,470

is how do you organize the testimonies

1089

00:50:08,440 --> 00:50:06,200

of people in a way that you can extract

1090

00:50:10,660 --> 00:50:08,450

the common patterns because if you're

1091

00:50:12,700 --> 00:50:10,670

dealing with first-person experience of

1092

00:50:15,090 --> 00:50:12,710

realms that are not anchored in our

1093

00:50:17,560 --> 00:50:15,100

shared everyday ordinary reality

1094

00:50:21,130 --> 00:50:17,570

language breaks because language has

1095

00:50:23,590 --> 00:50:21,140

evolved around shared references I mean

1096

00:50:25,870 --> 00:50:23,600

the word rock we understand that word

1097

00:50:27,430 --> 00:50:25,880

because we have all seen a rock and we

1098

00:50:30,040 --> 00:50:27,440

know what it means because of that

1099

00:50:33,280 --> 00:50:30,050

shared experience of seeing a rock but

1100

00:50:35,650 --> 00:50:33,290

if you're talking about a hierarchy of

1101

00:50:37,930 --> 00:50:35,660

consciousness other realms that not

1102

00:50:41,410 --> 00:50:37,940

everybody has shared not everybody has

1103

00:50:44,050 --> 00:50:41,420

had that experience then words will lack

1104

00:50:46,090 --> 00:50:44,060

that common ground that shared

1105

00:50:48,670 --> 00:50:46,100

experience that grounds them in a shared

1106

00:50:51,460 --> 00:50:48,680

dictionary so to say so people start

1107

00:50:53,080 --> 00:50:51,470

talking metaphorically but when they

1108

00:50:54,400 --> 00:50:53,090

talk metaphorically they use different

1109

00:50:56,200 --> 00:50:54,410

metaphors because they have had

1110

00:50:58,060 --> 00:50:56,210

different education they've grown up in

1111

00:51:01,120 --> 00:50:58,070

different places different cultural

1112

00:51:02,830 --> 00:51:01,130

values different references throughout

1113

00:51:05,080 --> 00:51:02,840

their lives so they pick different

1114

00:51:07,600 --> 00:51:05,090

metaphors and the Challenger is how do

1115

00:51:09,520 --> 00:51:07,610

you then distill the underlying

1116

00:51:11,110 --> 00:51:09,530

commonality of what they are saying

1117

00:51:13,210 --> 00:51:11,120

that's one challenge the other challenge

1118

00:51:15,490 --> 00:51:13,220

is when people get married to their

1119

00:51:16,980 --> 00:51:15,500

metaphors as if they were literal

1120

00:51:19,690 --> 00:51:16,990

and then you get into religious

1121

00:51:21,339 --> 00:51:19,700

fundamentalism and then you have these

1122

00:51:23,440 --> 00:51:21,349

factions fighting against each other

1123

00:51:26,440 --> 00:51:23,450

when in fact the experience that

1124

00:51:28,210 --> 00:51:26,450

underlies their philosophy it is

1125

00:51:30,849 --> 00:51:28,220

identical it's the same experience them

1126
00:51:32,849 --> 00:51:30,859
on both factions or across all the

1127
00:51:34,870 --> 00:51:32,859
factions but they have been translated

1128
00:51:37,300 --> 00:51:34,880
according to different metaphors that

1129
00:51:40,180 --> 00:51:37,310
people then espouse in a literal way and

1130
00:51:42,960 --> 00:51:40,190
they lose sight of the commonality so

1131
00:51:47,500 --> 00:51:42,970
it's it's very challenging to do that

1132
00:51:50,410 --> 00:51:47,510
okay consciousness conspiracy number two

1133
00:51:52,990 --> 00:51:50,420
if you will and this is more I think of

1134
00:51:55,060 --> 00:51:53,000
what most people would identify as a

1135
00:51:56,740 --> 00:51:55,070
real conspiracy and I always have to tip

1136
00:51:59,740 --> 00:51:56,750
my hat to my friend Gordon white at Brin

1137
00:52:01,690 --> 00:51:59,750
soup for really pounding this drum so

1138
00:52:03,280 --> 00:52:01,700

many times but it's a beautiful point

1139

00:52:08,339 --> 00:52:03,290

that really escaped me for a long time

1140

00:52:12,180 --> 00:52:08,349

and that is that if we look carefully at

1141

00:52:15,790 --> 00:52:12,190

what's coming through the disclosure

1142

00:52:17,589 --> 00:52:15,800

process in terms of released documents

1143

00:52:19,410 --> 00:52:17,599

classified documents that then become

1144

00:52:24,220 --> 00:52:19,420

release coming to the public awareness

1145

00:52:27,370 --> 00:52:24,230

it's clear that the scientists who are

1146

00:52:29,950 --> 00:52:27,380

government really counts on the guys in

1147

00:52:31,930 --> 00:52:29,960

the know the guys in the deep state if

1148

00:52:34,359 --> 00:52:31,940

you will those scientists have

1149

00:52:36,849 --> 00:52:34,369

understood for the longest time that

1150

00:52:39,670 --> 00:52:36,859

consciousness is non-physical that

1151
00:52:41,680 --> 00:52:39,680
consciousness that materialism as we've

1152
00:52:44,380 --> 00:52:41,690
been talking about fails so they've been

1153
00:52:46,660 --> 00:52:44,390
doing MKULTRA they've been doing MK

1154
00:52:49,150 --> 00:52:46,670
often they've been talking to try to

1155
00:52:50,620 --> 00:52:49,160
talk to spirits try to conjure demons

1156
00:52:53,050 --> 00:52:50,630
let's see what we can do they've been

1157
00:52:54,730 --> 00:52:53,060
doing a Stargate where we do remote

1158
00:52:57,849 --> 00:52:54,740
viewing they've been doing everything

1159
00:53:01,120 --> 00:52:57,859
they could to look at this consciousness

1160
00:53:03,130 --> 00:53:01,130
phenomenon with the assumption that it's

1161
00:53:05,740 --> 00:53:03,140
certainly not physical it's certainly

1162
00:53:08,520 --> 00:53:05,750
not Neil deGrasse Tyson it's not it no

1163
00:53:11,980 --> 00:53:08,530

books kind of thing you know they are

1164

00:53:14,290 --> 00:53:11,990

completely not at odds they're just

1165

00:53:17,260 --> 00:53:14,300

using those folks as useful idiots who

1166

00:53:19,390 --> 00:53:17,270

prop up and keep keep other people

1167

00:53:22,359 --> 00:53:19,400

entertained with these other notions so

1168

00:53:27,040 --> 00:53:22,369

that's split I think is a really

1169

00:53:28,750 --> 00:53:27,050

important conspiracy to understand and

1170

00:53:30,100 --> 00:53:28,760

to push through

1171

00:53:32,830 --> 00:53:30,110

if we're really gonna understand

1172

00:53:37,930 --> 00:53:32,840

consciousness these guys these guys know

1173

00:53:39,910 --> 00:53:37,940

some stuff that we don't know so I tell

1174

00:53:42,190 --> 00:53:39,920

you what I have teed up for the next one

1175

00:53:43,960 --> 00:53:42,200

and this is going to kind of freak some

1176
00:53:49,630 --> 00:53:43,970
people out and maybe freak you out a

1177
00:53:52,780 --> 00:53:49,640
little bit but my go-to guy on a lot of

1178
00:53:56,740 --> 00:53:52,790
this stuff is grant Cameron who is a UFO

1179
00:53:59,440 --> 00:53:56,750
researcher and also kind of a deep state

1180
00:54:02,560 --> 00:53:59,450
political kind of researcher and he's

1181
00:54:06,100 --> 00:54:02,570
pulled together in this little this

1182
00:54:09,460 --> 00:54:06,110
little discussion that he had with the

1183
00:54:12,160 --> 00:54:09,470
very excellent folks at Graham Erica

1184
00:54:13,630 --> 00:54:12,170
they talked about this and grant you

1185
00:54:15,790 --> 00:54:13,640
gotta what listen real carefully folks

1186
00:54:17,410 --> 00:54:15,800
cuz grant talks about as fast as anyone

1187
00:54:19,480 --> 00:54:17,420
I've ever heard but there's a ton of

1188
00:54:22,240 --> 00:54:19,490

stuff in here I want to put it on the

1189

00:54:25,660 --> 00:54:22,250

table and then hopefully Bernardo and I

1190

00:54:27,550 --> 00:54:25,670

can talk about it here does his wife

1191

00:54:31,290 --> 00:54:27,560

suddenly wants to talk about I'd like to

1192

00:54:34,450 --> 00:54:31,300

talk about entanglement and I'm thinking

1193

00:54:37,510 --> 00:54:34,460

why would you ask us your husband is a

1194

00:54:40,750 --> 00:54:37,520

PhD in physics he's right he run the

1195

00:54:43,600 --> 00:54:40,760

parapsychology the they what they called

1196

00:54:45,580 --> 00:54:43,610

a phenomenology desk at the CIA we would

1197

00:54:48,220 --> 00:54:45,590

ask where does and what people have to

1198

00:54:50,590 --> 00:54:48,230

realize is that when the CIA calls it

1199

00:54:52,900 --> 00:54:50,600

phenomenology that is a hint as to

1200

00:54:56,740 --> 00:54:52,910

what's going on it is not UFOs it's

1201
00:54:58,870 --> 00:54:56,750
remote-viewing ghosts parapsychology the

1202
00:55:01,000 --> 00:54:58,880
telepathy it's the whole ball of wax

1203
00:55:02,620 --> 00:55:01,010
because it's all consciousness that's

1204
00:55:04,810 --> 00:55:02,630
the ground of being it's consciousness

1205
00:55:06,280 --> 00:55:04,820
and they know that and that's why when

1206
00:55:09,310 --> 00:55:06,290
the Canadian government documents said

1207
00:55:10,630 --> 00:55:09,320
in 1950 that mental phenomena may be

1208
00:55:11,860 --> 00:55:10,640
involved the top-secret Canadian

1209
00:55:13,330 --> 00:55:11,870
government doctor and said mental

1210
00:55:14,950 --> 00:55:13,340
phenomena may be involved in flying

1211
00:55:16,630 --> 00:55:14,960
saucers that's when they started the

1212
00:55:17,770 --> 00:55:16,640
MKULTRA stuff that's when they started

1213
00:55:19,390 --> 00:55:17,780

all that kissing trying to figure out

1214

00:55:22,030 --> 00:55:19,400

how to spot justice work because they

1215

00:55:23,770 --> 00:55:22,040

had a live alien in 1947 that's how the

1216

00:55:25,780 --> 00:55:23,780

Americans knew to tell the Canadians in

1217

00:55:28,150 --> 00:55:25,790

1950 the mental phenomena was involved

1218

00:55:29,890 --> 00:55:28,160

nobody was talking to aliens in 1950 the

1219

00:55:31,240 --> 00:55:29,900

Adamski and Williamson would not come

1220

00:55:33,580 --> 00:55:31,250

forward until a couple days after the

1221

00:55:34,900 --> 00:55:33,590

definition bhai drew Baum Betty and

1222

00:55:35,560 --> 00:55:34,910

Barney Hill would not become public for

1223

00:55:37,240 --> 00:55:35,570

a mid-60s

1224

00:55:39,640 --> 00:55:37,250

nobody said they're talking to aliens in

1225

00:55:41,170 --> 00:55:39,650

public at least and so therefore how did

1226

00:55:41,560 --> 00:55:41,180

they know that mental phenomena is

1227

00:55:42,910 --> 00:55:41,570

involved

1228

00:55:44,890 --> 00:55:42,920

because they had a lie villain and they

1229

00:55:46,750 --> 00:55:44,900

knew that the alien talked is telepathic

1230

00:55:48,370 --> 00:55:46,760

and gets in your head and they went wow

1231

00:55:50,410 --> 00:55:48,380

man if we could discover how this work

1232

00:55:52,240 --> 00:55:50,420

and so of course they threw every dime

1233

00:55:53,620 --> 00:55:52,250

they had at consciousness trying to

1234

00:56:00,580 --> 00:55:53,630

figure out how this thing worked because

1235

00:56:03,280 --> 00:56:00,590

if you okay he just threw the whole ball

1236

00:56:05,950 --> 00:56:03,290

of wax there I just want people to know

1237

00:56:07,660 --> 00:56:05,960

cuz I've investigated this you know and

1238

00:56:10,030 --> 00:56:07,670

we say conspiracy theory because that's

1239

00:56:12,640 --> 00:56:10,040

what we weren't taught to say no this is

1240

00:56:14,620 --> 00:56:12,650

just true I mean Wilbert Smith is the

1241

00:56:17,890 --> 00:56:14,630

Canadian at the highest level in the

1242

00:56:21,220 --> 00:56:17,900

government whose memo he didn't disclose

1243

00:56:23,380 --> 00:56:21,230

the top secret memo it was revealed in a

1244

00:56:25,900 --> 00:56:23,390

Freedom of Information Act where he said

1245

00:56:28,270 --> 00:56:25,910

here I've gone to the United States I've

1246

00:56:29,980 --> 00:56:28,280

met with these top level people Vande of

1247

00:56:32,770 --> 00:56:29,990

our Bush he names the names because it's

1248

00:56:36,520 --> 00:56:32,780

a secret memo and he said their highest

1249

00:56:38,050 --> 00:56:36,530

priority is this UFO thing and they've

1250

00:56:40,060 --> 00:56:38,060

come to understand there's a mental

1251
00:56:44,230 --> 00:56:40,070
phenomenon associated with it I mean all

1252
00:56:47,290 --> 00:56:44,240
this stuff is not conspiracy it's just

1253
00:56:50,320 --> 00:56:47,300
fact it's the way it is in terms of MK

1254
00:56:52,450 --> 00:56:50,330
ULTRA and remote viewing it is just like

1255
00:56:55,720 --> 00:56:52,460
he said just like I said a minute ago we

1256
00:56:59,290 --> 00:56:55,730
can only conclude that that was a direct

1257
00:57:00,910 --> 00:56:59,300
response to our government saying hey we

1258
00:57:02,860 --> 00:57:00,920
got to get on this consciousness thing

1259
00:57:06,810 --> 00:57:02,870
this is where things are really

1260
00:57:09,400 --> 00:57:06,820
happening so isn't it interesting that

1261
00:57:10,150 --> 00:57:09,410
here grant Cameron is saying you know

1262
00:57:11,640 --> 00:57:10,160
isn't there what do you say

1263
00:57:17,650 --> 00:57:11,650

consciousness is fundamental

1264

00:57:21,790 --> 00:57:17,660

the longest time where does this take us

1265

00:57:23,860 --> 00:57:21,800

in terms of the technology that might be

1266

00:57:27,220 --> 00:57:23,870

associated with this the deeper

1267

00:57:28,360 --> 00:57:27,230

understanding in in science you know

1268

00:57:32,050 --> 00:57:28,370

we're talking philosophy and all this

1269

00:57:34,120 --> 00:57:32,060

what might they know that we don't know

1270

00:57:35,350 --> 00:57:34,130

in terms of manipulating this at a

1271

00:57:36,070 --> 00:57:35,360

different level from a different

1272

00:57:42,300 --> 00:57:36,080

perspective

1273

00:57:45,970 --> 00:57:42,310

any thoughts on any of that my my

1274

00:57:49,690 --> 00:57:45,980

tendency would be to you know people who

1275

00:57:52,240 --> 00:57:49,700

deal with the national security they

1276
00:57:55,190 --> 00:57:52,250
tend to be very pragmatic people right I

1277
00:57:58,640 --> 00:57:55,200
think it's less a matter of the

1278
00:58:01,160 --> 00:57:58,650
knowing that idealism is true then they

1279
00:58:02,510 --> 00:58:01,170
not knowing that physicalism is true in

1280
00:58:04,250 --> 00:58:02,520
other words they don't make that bet

1281
00:58:06,319 --> 00:58:04,260
they are not married to any specific

1282
00:58:08,540 --> 00:58:06,329
philosophy any specific ontology for

1283
00:58:10,730 --> 00:58:08,550
them what matter is what works what is

1284
00:58:12,170 --> 00:58:10,740
effective and they are open to all

1285
00:58:14,780 --> 00:58:12,180
possibilities they are not going to

1286
00:58:17,470 --> 00:58:14,790
restrict themselves based on a

1287
00:58:19,940 --> 00:58:17,480
materialism mad materialistic belief

1288
00:58:21,680 --> 00:58:19,950

because the other side may not be

1289

00:58:24,500 --> 00:58:21,690

imposing on themselves that restriction

1290

00:58:27,170 --> 00:58:24,510

and and and make progress and be in and

1291

00:58:30,710 --> 00:58:27,180

be ahead and that they cannot take that

1292

00:58:34,430 --> 00:58:30,720

that risk so they have to be open

1293

00:58:37,609 --> 00:58:34,440

meaning that openness they indeed may

1294

00:58:39,560 --> 00:58:37,619

make advances that ordinary science

1295

00:58:41,839 --> 00:58:39,570

wouldn't make because in academia well

1296

00:58:44,200 --> 00:58:41,849

of course you know physicalism must be

1297

00:58:46,220 --> 00:58:44,210

true so why are we going to research

1298

00:58:47,839 --> 00:58:46,230

remote-viewing why are we going to

1299

00:58:50,210 --> 00:58:47,849

research this and death I mean we know

1300

00:58:52,339 --> 00:58:50,220

that it cannot happen so we're not going

1301
00:58:55,069 --> 00:58:52,349
to get a grant anyway so why bother and

1302
00:58:56,930 --> 00:58:55,079
and these guys are not restricted in

1303
00:58:58,910 --> 00:58:56,940
that way they have the money and they

1304
00:59:00,980 --> 00:58:58,920
cannot marry themselves to a certain

1305
00:59:02,599 --> 00:59:00,990
belief without being absolutely sure

1306
00:59:05,059 --> 00:59:02,609
that it's true and nobody can be sure

1307
00:59:07,970 --> 00:59:05,069
that materialism is true so I think it's

1308
00:59:10,309 --> 00:59:07,980
less a matter of really knowing what's

1309
00:59:14,359 --> 00:59:10,319
going on and it's more more a matter of

1310
00:59:17,750 --> 00:59:14,369
being pragmatic and and and not closing

1311
00:59:20,809 --> 00:59:17,760
doors and just exploring now if that did

1312
00:59:23,089 --> 00:59:20,819
happen for it has been happening for

1313
00:59:25,940 --> 00:59:23,099

decades if they have not been imposing

1314

00:59:28,190 --> 00:59:25,950

on themselves the limitations that no

1315

00:59:31,010 --> 00:59:28,200

mainstream academia academia does impose

1316

00:59:35,120 --> 00:59:31,020

on itself then who knows where they

1317

00:59:38,750 --> 00:59:35,130

might be yeah yeah that's that's

1318

00:59:41,300 --> 00:59:38,760

something to ponder because the other

1319

00:59:43,760 --> 00:59:41,310

side of this that you touched on there

1320

00:59:45,260 --> 00:59:43,770

and I'm gonna see if I can pull anything

1321

00:59:49,690 --> 00:59:45,270

else out of you or any other thoughts

1322

00:59:53,630 --> 00:59:49,700

that you had is might we be able to

1323

00:59:57,770 --> 00:59:53,640

engineer you're an engineer as well as a

1324

01:00:00,559 --> 00:59:57,780

philosopher as well as a thinker might

1325

01:00:04,549 --> 01:00:00,569

we be able to engineer some of these

1326

01:00:06,469 --> 01:00:04,559

aspects of consciousness that we haven't

1327

01:00:08,749 --> 01:00:06,479

looked at engineering because we've had

1328

01:00:13,160 --> 01:00:08,759

our our model wrong you know absolutely

1329

01:00:15,349 --> 01:00:13,170

categorically yes tomato some of your

1330

01:00:17,089 --> 01:00:15,359

thoughts and in terms of what what might

1331

01:00:19,099 --> 01:00:17,099

happen could happen where could that

1332

01:00:21,709 --> 01:00:19,109

work at that lead it's not just in the

1333

01:00:24,949 --> 01:00:21,719

the dorky telepathy mind-reading stuff

1334

01:00:29,329 --> 01:00:24,959

but in terms of in terms of time travel

1335

01:00:31,640 --> 01:00:29,339

in terms of a massive kind of

1336

01:00:32,539 --> 01:00:31,650

communication with other worlds other

1337

01:00:35,719 --> 01:00:32,549

realms

1338

01:00:36,979 --> 01:00:35,729

it just is almost limitless in terms of

1339

01:00:44,660 --> 01:00:36,989

where that could go

1340

01:00:47,839 --> 01:00:44,670

in its potential you lift concrete

1341

01:00:50,989 --> 01:00:47,849

applications where this could bring us

1342

01:00:53,929 --> 01:00:50,999

is two spaces that wouldn't even fit

1343

01:00:57,199 --> 01:00:53,939

this category of concrete applications

1344

01:00:59,749 --> 01:00:57,209

the realm of insights that would render

1345

01:01:01,120 --> 01:00:59,759

these applications almost like child's

1346

01:01:04,519 --> 01:01:01,130

play

1347

01:01:07,729 --> 01:01:04,529

so it I mean the space when it's opening

1348

01:01:10,429 --> 01:01:07,739

here is broader than our the implicit

1349

01:01:13,160 --> 01:01:10,439

philosophy of language allows us to to

1350

01:01:18,229 --> 01:01:13,170

see and contemplate verbally even if

1351

01:01:19,549 --> 01:01:18,239

it's inside our heads I published my

1352

01:01:23,390 --> 01:01:19,559

first article in Scientific American

1353

01:01:26,599 --> 01:01:23,400

last year was about these this

1354

01:01:29,120 --> 01:01:26,609

correlation between deep transcendent

1355

01:01:31,370 --> 01:01:29,130

insight transpersonal experience and

1356

01:01:33,709 --> 01:01:31,380

reduced brain activity and you see that

1357

01:01:35,239 --> 01:01:33,719

correlates there's a pattern correlating

1358

01:01:37,279 --> 01:01:35,249

these two things it's very widespread

1359

01:01:41,150 --> 01:01:37,289

it's not only psychedelics that have

1360

01:01:43,489 --> 01:01:41,160

been shown since 2012 I ask you to break

1361

01:01:45,559 --> 01:01:43,499

that down a little bit for folks break

1362

01:01:47,900 --> 01:01:45,569

it down in terms of specific examples

1363

01:01:49,669 --> 01:01:47,910

that okay touch and feel because this is

1364

01:01:53,029 --> 01:01:49,679

the deep spirituality part that we want

1365

01:01:55,819 --> 01:01:53,039

to talk about in a way yeah many things

1366

01:02:00,620 --> 01:01:55,829

that people associate with deep in

1367

01:02:02,209 --> 01:02:00,630

spirit deep spiritual insight come

1368

01:02:05,599 --> 01:02:02,219

together with a reduction in brain

1369

01:02:09,679 --> 01:02:05,609

activity and we have known this mostly

1370

01:02:11,900 --> 01:02:09,689

recently for instance there are some

1371

01:02:14,490 --> 01:02:11,910

breathing techniques you breathe very

1372

01:02:16,349 --> 01:02:14,500

fast some yogic techniques

1373

01:02:18,540 --> 01:02:16,359

and what that does it increases the

1374

01:02:20,550 --> 01:02:18,550

alkalinity level of your blood causes

1375

01:02:23,190 --> 01:02:20,560

constriction of blood vessels in your

1376

01:02:24,720 --> 01:02:23,200

brain metabolism reduces in your brain

1377

01:02:25,950 --> 01:02:24,730

to the point that you may pass out if

1378

01:02:27,270 --> 01:02:25,960

you breathe too fast

1379

01:02:28,740 --> 01:02:27,280

that's why when people are

1380

01:02:32,220 --> 01:02:28,750

hyperventilating they breathe in a bag

1381

01:02:34,740 --> 01:02:32,230

to reduce oxygen intake so there is a

1382

01:02:36,839 --> 01:02:34,750

reduction in brain activity associated

1383

01:02:38,550 --> 01:02:36,849

with those yogic practices that are

1384

01:02:43,589 --> 01:02:38,560

supposed to lead you to greater insight

1385

01:02:45,750 --> 01:02:43,599

or teenagers worldwide play this is very

1386

01:02:49,140 --> 01:02:45,760

dangerous a game called the choking game

1387

01:02:50,910 --> 01:02:49,150

they partly strangulate themselves to

1388

01:02:54,530 --> 01:02:50,920

the point of almost passing out and then

1389

01:02:57,330 --> 01:02:54,540

they have these transcendent experiences

1390

01:03:01,740 --> 01:02:57,340

that are considered very pleasurable or

1391

01:03:04,140 --> 01:03:01,750

very cool whatever we know for instance

1392

01:03:06,750 --> 01:03:04,150

for the past few years that's what

1393

01:03:07,230 --> 01:03:06,760

psychedelics do they don't light up your

1394

01:03:11,790 --> 01:03:07,240

brain

1395

01:03:14,130 --> 01:03:11,800

activity we have known that since 2012

1396

01:03:16,109 --> 01:03:14,140

it has been confirmed multiple times now

1397

01:03:18,270 --> 01:03:16,119

the last paper published by the

1398

01:03:20,700 --> 01:03:18,280

University of Zurich was published late

1399

01:03:22,859 --> 01:03:20,710

last year tell people about that paper

1400

01:03:25,109 --> 01:03:22,869

if you would or the paper that they had

1401

01:03:26,670 --> 01:03:25,119

not published a few years prior what

1402

01:03:30,000 --> 01:03:26,680

they did because I think it's just

1403

01:03:31,589 --> 01:03:30,010

that'll just case closed folks there are

1404

01:03:33,359 --> 01:03:31,599

there are several papers published by

1405

01:03:39,570 --> 01:03:33,369

the Imperial College the group of David

1406

01:03:41,849 --> 01:03:39,580

Nutt they basically take subjects they

1407

01:03:44,010 --> 01:03:41,859

measure their brain activity in an fMRI

1408

01:03:46,349 --> 01:03:44,020

brain scanner that's the baseline brain

1409

01:03:48,270 --> 01:03:46,359

activity they inject folks with a

1410

01:03:53,430 --> 01:03:48,280

psychedelic substance it could be

1411

01:03:54,750 --> 01:03:53,440

psilocybin or DMT or LSD and they

1412

01:03:57,240 --> 01:03:54,760

continue to measure the brain activity

1413

01:03:59,040 --> 01:03:57,250

as the substance takes effect and then

1414

01:04:01,530 --> 01:03:59,050

they ask people to report on their

1415

01:04:03,900 --> 01:04:01,540

experiences as their brain activity is

1416

01:04:06,660 --> 01:04:03,910

being monitored so they can correlate

1417

01:04:09,000 --> 01:04:06,670

the original baseline with the drug

1418

01:04:11,670 --> 01:04:09,010

taking effect with the subjective

1419

01:04:13,380 --> 01:04:11,680

reports of the subjects describing the

1420

01:04:16,670 --> 01:04:13,390

intensity and the richness of their

1421

01:04:19,380 --> 01:04:16,680

experience and what they found is that

1422

01:04:22,440 --> 01:04:19,390

the richer and more intense the

1423

01:04:25,079 --> 01:04:22,450

experience they report the lower is the

1424

01:04:27,480 --> 01:04:25,089

brain activity that's measured to the

1425

01:04:27,810 --> 01:04:27,490

point that one can predict the other you

1426

01:04:30,030 --> 01:04:27,820

can

1427

01:04:32,760 --> 01:04:30,040

predict how much lower brain activity is

1428

01:04:34,590 --> 01:04:32,770

based on how rich and intense the report

1429

01:04:38,220 --> 01:04:34,600

of the experiences and this is really

1430

01:04:41,550 --> 01:04:38,230

basic but why is that a surprise what

1431

01:04:45,030 --> 01:04:41,560

does that fMRI normally look like when

1432

01:04:48,180 --> 01:04:45,040

we're super excited super thinking all

1433

01:04:50,700 --> 01:04:48,190

that well if there have alpha being in a

1434

01:04:53,220 --> 01:04:50,710

neural imaging study a few years ago

1435

01:04:56,280 --> 01:04:53,230

done in Japan they put people having

1436

01:05:00,240 --> 01:04:56,290

dreams inside an fMRI and it turns out

1437

01:05:04,380 --> 01:05:00,250

that even simple dream experiences like

1438

01:05:06,540 --> 01:05:04,390

a dreamer watching a statue leads to

1439

01:05:09,060 --> 01:05:06,550

identifiable activations in brain

1440

01:05:10,590 --> 01:05:09,070

activity brain activity goes up when you

1441

01:05:12,240 --> 01:05:10,600

experience something to the point that

1442

01:05:14,550 --> 01:05:12,250

you can even predict what the experience

1443

01:05:16,800 --> 01:05:14,560

was and with psychedelics which are

1444

01:05:18,810 --> 01:05:16,810

incredibly intense experiences the

1445

01:05:21,390 --> 01:05:18,820

opposite seems to happen which is

1446

01:05:24,510 --> 01:05:21,400

surprising because the before all of

1447

01:05:26,100 --> 01:05:24,520

this came up came out starting 2012 we

1448

01:05:27,810 --> 01:05:26,110

thought that psychedelics would light up

1449

01:05:30,630 --> 01:05:27,820

the brain like a Christmas tree because

1450

01:05:33,150 --> 01:05:30,640

under materialism experience is brain

1451
01:05:34,920 --> 01:05:33,160
activity or at least generated by brain

1452
01:05:37,470 --> 01:05:34,930
activity so if you have a richer and

1453
01:05:40,590 --> 01:05:37,480
intense er experience you would expect

1454
01:05:42,360 --> 01:05:40,600
more an intense er brain activity turns

1455
01:05:44,640 --> 01:05:42,370
out that the opposite is what is

1456
01:05:46,200 --> 01:05:44,650
observed in a psychedelic trance and

1457
01:05:48,390 --> 01:05:46,210
it's not only psychedelics I already

1458
01:05:51,060 --> 01:05:48,400
mentioned a cup of other examples there

1459
01:05:53,430 --> 01:05:51,070
has also been a study in Brazil of a

1460
01:05:55,320 --> 01:05:53,440
spirit mediums which is a subject I know

1461
01:05:59,070 --> 01:05:55,330
you're interested in they took

1462
01:06:01,440 --> 01:05:59,080
experienced mediums who were willing to

1463
01:06:03,810 --> 01:06:01,450

do psychography in other words to write

1464

01:06:06,590 --> 01:06:03,820

down information that supposedly comes

1465

01:06:08,850 --> 01:06:06,600

from a transcendent source from another

1466

01:06:12,440 --> 01:06:08,860

spiritual world whatever it is that the

1467

01:06:14,610 --> 01:06:12,450

claim is and they realized that

1468

01:06:17,700 --> 01:06:14,620

experienced mediums when their psycho

1469

01:06:20,790 --> 01:06:17,710

graphing brain activity in areas of the

1470

01:06:24,540 --> 01:06:20,800

brain involved with writing thinking and

1471

01:06:27,810 --> 01:06:24,550

writing is reduced and then they did

1472

01:06:29,280 --> 01:06:27,820

controls they put these mediums without

1473

01:06:31,680 --> 01:06:29,290

psychograph endured they asked them just

1474

01:06:36,630 --> 01:06:31,690

to write text in the same brain scanner

1475

01:06:39,390 --> 01:06:36,640

and then the text they write scored

1476
01:06:41,190 --> 01:06:39,400
lower in a measure of complexity than

1477
01:06:43,830 --> 01:06:41,200
the text they wrote while

1478
01:06:45,360 --> 01:06:43,840
they were in a trance and it should have

1479
01:06:47,460 --> 01:06:45,370
been the opposite because in the trance

1480
01:06:50,670 --> 01:06:47,470
the areas that would activate for you to

1481
01:06:53,160 --> 01:06:50,680
write complex texts complex texts were

1482
01:06:55,230 --> 01:06:53,170
were actually deactivated why are they

1483
01:06:57,420 --> 01:06:55,240
were in a trance so again you have this

1484
01:06:59,790 --> 01:06:57,430
correlation of richer more complex

1485
01:07:02,220 --> 01:06:59,800
experience associated with reduction of

1486
01:07:05,430 --> 01:07:02,230
brain activity in key cognitive regions

1487
01:07:07,230 --> 01:07:05,440
I could go on and on the in my

1488
01:07:09,060 --> 01:07:07,240

Scientific American article I think I

1489

01:07:12,480 --> 01:07:09,070

mentioned ten different examples you

1490

01:07:15,300 --> 01:07:12,490

have brain damage correlates with

1491

01:07:19,350 --> 01:07:15,310

spiritual experience Vietnam War

1492

01:07:22,050 --> 01:07:19,360

veterans in a 2016 paper they found a

1493

01:07:24,110 --> 01:07:22,060

correlation between propensity toward

1494

01:07:26,880 --> 01:07:24,120

spiritual experience and brain damage

1495

01:07:29,160 --> 01:07:26,890

measured by also brain scans or there

1496

01:07:31,980 --> 01:07:29,170

was a 2010 study published in neuron

1497

01:07:34,680 --> 01:07:31,990

carried out in Italy people were studied

1498

01:07:36,780 --> 01:07:34,690

before and after brain surgery for the

1499

01:07:38,370 --> 01:07:36,790

removal of tumors which always causes

1500

01:07:41,250 --> 01:07:38,380

some collateral damage when they remove

1501

01:07:43,170 --> 01:07:41,260

a tumor people were evaluated for

1502

01:07:46,230 --> 01:07:43,180

propensity towards trans the

1503

01:07:48,930 --> 01:07:46,240

transpersonal experience before and

1504

01:07:50,550 --> 01:07:48,940

after surgery and after surgery that

1505

01:07:53,670 --> 01:07:50,560

increased there was more propensity

1506

01:07:55,530 --> 01:07:53,680

towards trans personal experience

1507

01:07:57,510 --> 01:07:55,540

spiritual experience so it's a very

1508

01:08:00,870 --> 01:07:57,520

consistent correlation so what I'm

1509

01:08:02,670 --> 01:08:00,880

trying to suggest here is that going

1510

01:08:06,000 --> 01:08:02,680

back to a question about technologies of

1511

01:08:11,430 --> 01:08:06,010

consciousness exploration if we had a

1512

01:08:14,400 --> 01:08:11,440

technology to dampen activity with a

1513

01:08:19,620 --> 01:08:14,410

high degree of precision and resolution

1514

01:08:24,630 --> 01:08:19,630

and chosen brain areas we could very

1515

01:08:27,450 --> 01:08:24,640

systematically explore what people could

1516

01:08:29,790 --> 01:08:27,460

experience under conditions of reduced

1517

01:08:31,290 --> 01:08:29,800

brain activity if we could do that

1518

01:08:34,080 --> 01:08:31,300

systematically in a way that doesn't

1519

01:08:36,000 --> 01:08:34,090

depend on personal spiritual skill it

1520

01:08:37,410 --> 01:08:36,010

would it could potentially open many

1521

01:08:39,600 --> 01:08:37,420

doors and you could do all kinds of

1522

01:08:42,150 --> 01:08:39,610

experiments is also about remote viewing

1523

01:08:45,270 --> 01:08:42,160

and telepathy under those conditions of

1524

01:08:47,610 --> 01:08:45,280

reduced brain activity I like the way

1525

01:08:50,220 --> 01:08:47,620

you very carefully walk through that

1526

01:08:52,110 --> 01:08:50,230

because as we've talked about before in

1527

01:08:53,880 --> 01:08:52,120

this interview it's tricky you know you

1528

01:08:54,960 --> 01:08:53,890

don't need the back door materialism

1529

01:08:57,240 --> 01:08:54,970

thing comes in

1530

01:08:59,520 --> 01:08:57,250

but your I want to make sure people got

1531

01:09:03,020 --> 01:08:59,530

at that point what how I understood that

1532

01:09:07,290 --> 01:09:03,030

is to say that if we were able to

1533

01:09:09,510 --> 01:09:07,300

systematically arrange this brain that

1534

01:09:12,210 --> 01:09:09,520

we have because we know there is this

1535

01:09:14,310 --> 01:09:12,220

very close relationship between brain

1536

01:09:17,370 --> 01:09:14,320

and consciousness even though we don't

1537

01:09:18,830 --> 01:09:17,380

know exactly what consciousness is we do

1538

01:09:21,840 --> 01:09:18,840

know that there's this relationship

1539

01:09:25,380 --> 01:09:21,850

maybe if we arrange the brain a certain

1540

01:09:26,910 --> 01:09:25,390

way we would be able to access again

1541

01:09:29,040 --> 01:09:26,920

when we say other realms of

1542

01:09:31,920 --> 01:09:29,050

consciousness it's just a placeholder

1543

01:09:34,050 --> 01:09:31,930

for something we don't understand but if

1544

01:09:36,690 --> 01:09:34,060

we observe these things happening like

1545

01:09:38,970 --> 01:09:36,700

you're saying we do because they are the

1546

01:09:40,650 --> 01:09:38,980

in the collective experience remote

1547

01:09:42,870 --> 01:09:40,660

viewing is in the collective collective

1548

01:09:45,390 --> 01:09:42,880

experience medium communication is in

1549

01:09:48,030 --> 01:09:45,400

the collective experience alien contact

1550

01:09:50,160 --> 01:09:48,040

is in the collective experience get over

1551

01:09:51,840 --> 01:09:50,170

it folks it's just a reality too many

1552

01:09:54,300 --> 01:09:51,850

people are saying it it's too consistent

1553

01:09:56,180 --> 01:09:54,310

no matter how you ask him if all these

1554

01:09:59,520 --> 01:09:56,190

things are in the collective experience

1555

01:10:02,280 --> 01:09:59,530

you're saying hey why don't we take the

1556

01:10:05,220 --> 01:10:02,290

idea that if you turn down the knob on

1557

01:10:06,780 --> 01:10:05,230

the chatter in your brain and the brain

1558

01:10:10,260 --> 01:10:06,790

activity in a certain way

1559

01:10:12,810 --> 01:10:10,270

maybe you'll tune in to these different

1560

01:10:16,320 --> 01:10:12,820

parts of consciousness and that is

1561

01:10:17,850 --> 01:10:16,330

correct and then but then we don't know

1562

01:10:20,400 --> 01:10:17,860

the other part we're talking about is

1563

01:10:21,810 --> 01:10:20,410

from a deep spiritual perspective

1564

01:10:24,210 --> 01:10:21,820

whether that even matters

1565

01:10:26,760 --> 01:10:24,220

or whether that's just another station

1566

01:10:29,640 --> 01:10:26,770

along the road of getting to something

1567

01:10:31,200 --> 01:10:29,650

that transcends yet that again that

1568

01:10:33,750 --> 01:10:31,210

would be part of the experiment right I

1569

01:10:35,070 --> 01:10:33,760

mean maybe you send people off using

1570

01:10:37,920 --> 01:10:35,080

these technologies that we are

1571

01:10:39,420 --> 01:10:37,930

fantasizing about here to to view what

1572

01:10:41,100 --> 01:10:39,430

the Russians are doing and they come

1573

01:10:43,170 --> 01:10:41,110

back with a laugh and say it doesn't

1574

01:10:45,570 --> 01:10:43,180

matter what the Russians are doing you

1575

01:10:47,670 --> 01:10:45,580

idiots you haven't figured out what's

1576

01:10:50,100 --> 01:10:47,680

going on yet maybe that's what what

1577

01:10:51,480 --> 01:10:50,110

would happen we don't know but just to

1578

01:10:53,400 --> 01:10:51,490

come back to a comment you made this

1579

01:10:55,560 --> 01:10:53,410

backdoor materialism I I think it's a

1580

01:10:58,080 --> 01:10:55,570

good point and I think we should maybe

1581

01:11:02,270 --> 01:10:58,090

explore this a bit if I have a minute or

1582

01:11:04,650 --> 01:11:02,280

so to discuss this Alex you see

1583

01:11:06,240 --> 01:11:04,660

independent of ontology and philosophy

1584

01:11:08,460 --> 01:11:06,250

independent of our interpretation of

1585

01:11:10,800 --> 01:11:08,470

what might be going on it is a fact

1586

01:11:13,350 --> 01:11:10,810

that if you interfere with brain

1587

01:11:16,020 --> 01:11:13,360

activity experience is affected just

1588

01:11:18,120 --> 01:11:16,030

drink a beer and you see that first hand

1589

01:11:20,580 --> 01:11:18,130

you put alcohol in your brain - physical

1590

01:11:22,950 --> 01:11:20,590

substance goes in there and your your

1591

01:11:25,680 --> 01:11:22,960

experience of the world will change if

1592

01:11:26,970 --> 01:11:25,690

you're shot in the head things things

1593

01:11:28,800 --> 01:11:26,980

that look very different from a

1594

01:11:30,690 --> 01:11:28,810

first-person perspective so that

1595

01:11:32,880 --> 01:11:30,700

relationship is an empirical fact the

1596

01:11:35,610 --> 01:11:32,890

question is how do we interpret that and

1597

01:11:38,310 --> 01:11:35,620

what I'm saying is that the brain is not

1598

01:11:40,650 --> 01:11:38,320

an object independent and outside of

1599

01:11:42,720 --> 01:11:40,660

consciousness which in turn generates

1600

01:11:44,670 --> 01:11:42,730

consciousness no what I'm saying is that

1601

01:11:47,400 --> 01:11:44,680

the brain is the image of a certain

1602

01:11:49,950 --> 01:11:47,410

process in consciousness and that

1603

01:11:51,570 --> 01:11:49,960

process is a dissociative process so the

1604

01:11:54,630 --> 01:11:51,580

brain is the image of a dissociation

1605

01:11:57,450 --> 01:11:54,640

normal brain activity is what you see

1606

01:11:59,940 --> 01:11:57,460

when Universal consciousness is

1607

01:12:01,680 --> 01:11:59,950

undergoing a dissociative process when

1608

01:12:03,690 --> 01:12:01,690

you put people with dissociation in a

1609

01:12:06,660 --> 01:12:03,700

brain scanner dissociative processes

1610

01:12:09,120 --> 01:12:06,670

show up in the scan that there is

1611

01:12:11,540 --> 01:12:09,130

something they look like and they can be

1612

01:12:15,660 --> 01:12:11,550

identified that's a Dutch study done in

1613

01:12:17,880 --> 01:12:15,670

2014 by Yolanda schlump and others there

1614

01:12:21,500 --> 01:12:17,890

is something dissociative processes look

1615

01:12:24,600 --> 01:12:21,510

like now my claim is that a brain is

1616

01:12:26,430 --> 01:12:24,610

that it is the image of cosmic

1617

01:12:28,140 --> 01:12:26,440

dissociation if you want it looks like

1618

01:12:30,900 --> 01:12:28,150

something and what it looks like is a

1619

01:12:33,600 --> 01:12:30,910

brain with normal brain activity so if

1620

01:12:37,140 --> 01:12:33,610

if normal brain activity is the image of

1621

01:12:40,370 --> 01:12:37,150

dissociation what is reduced brain

1622

01:12:43,380 --> 01:12:40,380

activity it's the image of reduced

1623

01:12:45,840 --> 01:12:43,390

dissociation and reduced dissociation

1624

01:12:47,820 --> 01:12:45,850

allows you to reach beyond the confines

1625

01:12:50,370 --> 01:12:47,830

of your personal self because it's

1626
01:12:53,940 --> 01:12:50,380
dissociation that defines those confines

1627
01:12:56,190 --> 01:12:53,950
it's dissociation that puts you in the

1628
01:12:58,320 --> 01:12:56,200
cage of the personal self if you reduce

1629
01:13:00,900 --> 01:12:58,330
dissociation you can peek out the window

1630
01:13:03,390 --> 01:13:00,910
you can go beyond the cage at least for

1631
01:13:05,160 --> 01:13:03,400
some time for temporarily and peek

1632
01:13:07,770 --> 01:13:05,170
around and see what's going on and

1633
01:13:10,950 --> 01:13:07,780
that's my point now that that can be

1634
01:13:13,380 --> 01:13:10,960
induced by so-called physical means it's

1635
01:13:15,480 --> 01:13:13,390
entirely coherent with idealism because

1636
01:13:17,700 --> 01:13:15,490
you see under idealism what we call

1637
01:13:21,810 --> 01:13:17,710
physical is a modality of experience

1638
01:13:24,660 --> 01:13:21,820

it's perception so a

1639

01:13:27,600 --> 01:13:24,670

- that shoots a.m. radiation in your

1640

01:13:29,490 --> 01:13:27,610

brain to disrupt the neuron firings and

1641

01:13:33,480 --> 01:13:29,500

reduce brain activity that physical

1642

01:13:35,760 --> 01:13:33,490

process is the image of a mental process

1643

01:13:37,680 --> 01:13:35,770

going on in nature that disrupts the

1644

01:13:40,470 --> 01:13:37,690

dissociative boundary that the mental

1645

01:13:42,330 --> 01:13:40,480

process disrupts another is trivial your

1646

01:13:44,100 --> 01:13:42,340

thoughts disrupt your emotions everyday

1647

01:13:46,170 --> 01:13:44,110

or the other way around your emotions

1648

01:13:48,390 --> 01:13:46,180

disrupt your thoughts that one mental

1649

01:13:50,340 --> 01:13:48,400

process can disrupt another is no

1650

01:13:52,560 --> 01:13:50,350

problem and what we call physical under

1651

01:13:55,350 --> 01:13:52,570

idealism is a kind of mental process

1652

01:13:57,360 --> 01:13:55,360

that you can use to disrupt dissociation

1653

01:14:00,510 --> 01:13:57,370

so it this is not materialism via the

1654

01:14:04,140 --> 01:14:00,520

back door actually the whole point is

1655

01:14:05,910 --> 01:14:04,150

precisely that by reducing during

1656

01:14:07,800 --> 01:14:05,920

activity you allow information to come

1657

01:14:10,140 --> 01:14:07,810

from beyond personal boundaries which

1658

01:14:14,940 --> 01:14:10,150

would be considered impossible under

1659

01:14:17,340 --> 01:14:14,950

materialism well now you see what I was

1660

01:14:19,020 --> 01:14:17,350

talking about at the beginning why I

1661

01:14:22,140 --> 01:14:19,030

love this guy

1662

01:14:25,230 --> 01:14:22,150

why dr. bernardo caster is absolutely

1663

01:14:26,340 --> 01:14:25,240

one of my favorite guests on sceptical

1664

01:14:28,110 --> 01:14:26,350

and I have to tell you I know he's one

1665

01:14:30,980 --> 01:14:28,120

of yours - one of the most shared

1666

01:14:34,350 --> 01:14:30,990

interviews always is

1667

01:14:36,270 --> 01:14:34,360

Bernardo's appearance on here so we've

1668

01:14:39,810 --> 01:14:36,280

we've put you through the wringer

1669

01:14:42,420 --> 01:14:39,820

I appreciate you playing along I brought

1670

01:14:43,920 --> 01:14:42,430

up on the screen some Barnardo's books

1671

01:14:45,660 --> 01:14:43,930

you're definitely gonna want to check

1672

01:14:50,010 --> 01:14:45,670

those out if you haven't before

1673

01:14:52,020 --> 01:14:50,020

they're so tremendously accessible and

1674

01:14:54,630 --> 01:14:52,030

at the same time intellectually

1675

01:14:57,720 --> 01:14:54,640

stimulating you have to read them - see

1676

01:14:59,850 --> 01:14:57,730

what I mean go on Amazon do the peek

1677

01:15:02,250 --> 01:14:59,860

inside thing and I think you'll see what

1678

01:15:04,620 --> 01:15:02,260

I mean - check them out and then we did

1679

01:15:06,270 --> 01:15:04,630

talk about his articles in Scientific

1680

01:15:08,400 --> 01:15:06,280

American so you can check those out -

1681

01:15:11,070 --> 01:15:08,410

what else should people be on the

1682

01:15:12,630 --> 01:15:11,080

lookout for Bernardo in terms of what's

1683

01:15:14,520 --> 01:15:12,640

coming up for you you did mention you

1684

01:15:16,560 --> 01:15:14,530

have a new book right coming maybe there

1685

01:15:19,200 --> 01:15:16,570

will be a new book coming out later this

1686

01:15:21,060 --> 01:15:19,210

year to be a collection of academic

1687

01:15:24,540 --> 01:15:21,070

papers that have published recently but

1688

01:15:27,270 --> 01:15:24,550

not only the papers also I tried to

1689

01:15:29,700 --> 01:15:27,280

weave a story around those papers to

1690

01:15:32,880 --> 01:15:29,710

construct a coherent storyline with one

1691

01:15:34,950 --> 01:15:32,890

message that sort of elaborate upon

1692

01:15:40,140 --> 01:15:34,960

throughout the book

1693

01:15:45,720 --> 01:15:40,150

it's my it's my most academic book to

1694

01:15:48,169 --> 01:15:45,730

date it aims at addressing some critic

1695

01:15:51,500 --> 01:15:48,179

critiques I received before that I

1696

01:15:54,720 --> 01:15:51,510

despite what your your viewership might

1697

01:15:57,600 --> 01:15:54,730

might think some academics have accused

1698

01:15:59,010 --> 01:15:57,610

me of not being rigorous enough to

1699

01:16:02,129 --> 01:15:59,020

address that and this year a very

1700

01:16:05,129 --> 01:16:02,139

rigorous books coming out what about

1701

01:16:07,290 --> 01:16:05,139

personal appearances I know you've done

1702

01:16:09,990 --> 01:16:07,300

the science and non-duality conference

1703

01:16:12,419 --> 01:16:10,000

in the past do you have any other places

1704

01:16:15,180 --> 01:16:12,429

where people might come and see or

1705

01:16:17,760 --> 01:16:15,190

listen to you any that on the schedule I

1706

01:16:19,470 --> 01:16:17,770

will be in New York in March I don't

1707

01:16:21,330 --> 01:16:19,480

have the details yet but as soon as I

1708

01:16:24,510 --> 01:16:21,340

have it I'll put it up on my website or

1709

01:16:26,189 --> 01:16:24,520

Facebook there will be an event mostly

1710

01:16:28,680 --> 01:16:26,199

medical event in New York but I have

1711

01:16:33,030 --> 01:16:28,690

been invited than a wife and but I will

1712

01:16:36,060 --> 01:16:33,040

be there and whenever things come up I

1713

01:16:37,740 --> 01:16:36,070

will just post it online I I don't have

1714

01:16:40,260 --> 01:16:37,750

I'm not planned out for the whole year

1715

01:16:44,220 --> 01:16:40,270

there are some tentative things after

1716

01:16:46,470 --> 01:16:44,230

the summer but I can't say it yet great

1717

01:16:49,950 --> 01:16:46,480

great but we'll look for all of that and

1718

01:16:51,899 --> 01:16:49,960

it's been so great reconnecting with you

1719

01:16:54,240 --> 01:16:51,909

talking to you is always so much fun and

1720

01:16:57,209 --> 01:16:54,250

I think we hit on some great stuff here

1721

01:16:59,280 --> 01:16:57,219

today so Bernardo thank you so much for

1722

01:17:01,530 --> 01:16:59,290

joining me on skeptic a just great Alex

1723

01:17:03,300 --> 01:17:01,540

it's always great to talk to you so

1724

01:17:05,189 --> 01:17:03,310

thanks for watching this video if it

1725

01:17:07,770 --> 01:17:05,199

wasn't really a video but just an audio

1726

01:17:09,330 --> 01:17:07,780

stored as a video well I apologize but

1727

01:17:11,310 --> 01:17:09,340

there's more videos out there as well

1728

01:17:13,140 --> 01:17:11,320

but please check out the Skeptical

1729

01:17:14,490 --> 01:17:13,150

website you can see it here we cover a

1730

01:17:17,310 --> 01:17:14,500

lot of different stuff you might be

1731

01:17:20,640 --> 01:17:17,320

interested in relating to controversial

1732

01:17:23,370 --> 01:17:20,650

science and spirituality a lot of shows

1733

01:17:26,189 --> 01:17:23,380

up there over 350 of them are so all

1734

01:17:28,510 --> 01:17:26,199

free all available for downloads so do