



$E = mc^2$

WILLIAM BROWN

QUANTUM BIOLOGY, FREQUENCY HEALING, & ALIEN ENGINEERED DNA

PRESENTED BY THE HIGHERSIDE CHATS



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THEHIGHERSIDECHATS.COM

1
00:00:05,670 --> 00:00:02,810

[Music]

2
00:00:08,160 --> 00:00:05,680

congratulations YouTube you did it you

3
00:00:10,650 --> 00:00:08,170

wore me down and you sucked me back in I

4
00:00:13,259 --> 00:00:10,660

have too many subscribers here just to

5
00:00:15,810 --> 00:00:13,269

walk away entirely especially with no

6
00:00:18,000 --> 00:00:15,820

alternative that truly stacks up and so

7
00:00:20,850 --> 00:00:18,010

many copycat channels uploading my shows

8
00:00:23,790 --> 00:00:20,860

for me anyway but we can't forget the

9
00:00:26,160 --> 00:00:23,800

th-these account here is on thin ice and

10
00:00:29,160 --> 00:00:26,170

so the YouTube version of the show has

11
00:00:31,860 --> 00:00:29,170

to be prefaced with this little PSA only

12
00:00:33,390 --> 00:00:31,870

to say that episodes that contain the

13
00:00:36,270 --> 00:00:33,400

kinds of themes that have been regularly

14

00:00:38,700 --> 00:00:36,280

banned on YouTube will not appear here

15

00:00:40,650 --> 00:00:38,710

and even with that precaution there's

16

00:00:42,930 --> 00:00:40,660

already enough in the archive to get us

17

00:00:45,120 --> 00:00:42,940

removed so remember that the higher side

18

00:00:48,090 --> 00:00:45,130

chats could be banned or put in timeout

19

00:00:50,220 --> 00:00:48,100

again at any time and I won't be able to

20

00:00:51,990 --> 00:00:50,230

tell you guys about it so if you feel

21

00:00:53,490 --> 00:00:52,000

like it's been too long since you've

22

00:00:56,610 --> 00:00:53,500

heard from me here on this digital

23

00:00:59,430 --> 00:00:56,620

dystopian draconian data-mining monster

24

00:01:00,900 --> 00:00:59,440

of a police state seeking platform your

25

00:01:03,170 --> 00:01:00,910

first step should be to check the higher

26

00:01:10,830 --> 00:01:03,180

side shots calm for the latest shows

27

00:01:15,039 --> 00:01:13,390

embrace yourself because you're about to

28

00:01:17,230 --> 00:01:15,049

dive into another free first hour

29

00:01:18,399 --> 00:01:17,240

episode of the higher side chats and we

30

00:01:19,840 --> 00:01:18,409

just want to let you know that whether

31

00:01:21,880 --> 00:01:19,850

you're looking for a companion through

32

00:01:23,410 --> 00:01:21,890

your paranoid insomnia entertaining

33

00:01:25,389 --> 00:01:23,420

yourself through one of life's mundane

34

00:01:27,100 --> 00:01:25,399

activities we're trying to ward off the

35

00:01:29,710 --> 00:01:27,110

internal scream to all those sad

36

00:01:31,480 --> 00:01:29,720

smothered Souls around the office THC is

37

00:01:33,130 --> 00:01:31,490

here and you should know that every

38

00:01:35,170 --> 00:01:33,140

episode of the higher side chats has an

39

00:01:37,539 --> 00:01:35,180

entire second hour four plus members

40

00:01:40,029 --> 00:01:37,549

sign up at the higher side chats plus

41

00:01:42,609 --> 00:01:40,039

calm and you get years of plus show

42

00:01:44,410 --> 00:01:42,619

archives lifetime forum access the

43

00:01:48,160 --> 00:01:44,420

special invite to Greg Carl was monthly

44

00:01:51,609 --> 00:01:48,170

joint sessions mp3s of THC music bonus

45

00:01:53,620 --> 00:01:51,619

episodes for videos and 10% off t-shirts

46

00:01:55,749 --> 00:01:53,630

grinders and whatever else ends up in

47

00:01:57,880 --> 00:01:55,759

the higher side store it's \$8 a month

48

00:01:59,469 --> 00:01:57,890

that you won't miss so become a plus

49

00:02:01,870 --> 00:01:59,479

member and treat yourself in these

50

00:02:03,550 --> 00:02:01,880

troubled times always action-packed and

51
00:02:41,880 --> 00:02:03,560
commercial for you which means you'll

52
00:02:45,789 --> 00:02:43,990
alright higher side Cheddar's just

53
00:02:47,979 --> 00:02:45,799
trying to stay sane in this mad world

54
00:02:50,110 --> 00:02:47,989
from sunny San Diego I'm Greg Carwood

55
00:02:52,270 --> 00:02:50,120
and we've talked to many guests about

56
00:02:54,430 --> 00:02:52,280
how the leading theories and scientific

57
00:02:56,110 --> 00:02:54,440
paradigms are so rooted in this material

58
00:02:58,270 --> 00:02:56,120
is a model that they just can't be

59
00:03:00,550 --> 00:02:58,280
accurate because we know there are

60
00:03:02,830 --> 00:03:00,560
realms fields and forces beyond just

61
00:03:05,020 --> 00:03:02,840
what we can see consciousness is not

62
00:03:06,940 --> 00:03:05,030
just an illusion of the brain ether is

63
00:03:10,180 --> 00:03:06,950

not just a fun word and magic is very

64

00:03:12,160 --> 00:03:10,190

much real well when it comes to exciting

65

00:03:14,020 --> 00:03:12,170

internally consistent models that

66

00:03:16,150 --> 00:03:14,030

incorporate such things there are many

67

00:03:18,699 --> 00:03:16,160

bright minds circling around similar

68

00:03:21,250 --> 00:03:18,709

ideas but one that's been intriguing to

69

00:03:22,900 --> 00:03:21,260

me is the hollow fractal graphic unified

70

00:03:25,090 --> 00:03:22,910

field theory of nassam

71

00:03:27,580 --> 00:03:25,100

I mean and the wide-reaching work of the

72

00:03:29,410 --> 00:03:27,590

resonance science foundation you might

73

00:03:31,360 --> 00:03:29,420

remember a provocative show we did with

74

00:03:33,220 --> 00:03:31,370

Nasim not long ago but you should also

75

00:03:35,170 --> 00:03:33,230

be aware that during these quarantine

76
00:03:37,600 --> 00:03:35,180
times they've made Anna seems unified

77
00:03:39,580 --> 00:03:37,610
science course at the resonance Academy

78
00:03:43,000 --> 00:03:39,590
completely free of charge just go to

79
00:03:45,310 --> 00:03:43,010
resonance science or to sign up and as

80
00:03:47,530 --> 00:03:45,320
any good model should the holo fractal

81
00:03:50,140 --> 00:03:47,540
paradigm elegantly blends science and

82
00:03:53,140 --> 00:03:50,150
spirituality the principle of as above

83
00:03:54,910 --> 00:03:53,150
so below and reframes many aspects of

84
00:03:57,910 --> 00:03:54,920
what we think we know in a much more

85
00:03:59,770 --> 00:03:57,920
holistic context given the current state

86
00:04:01,510 --> 00:03:59,780
of the world I figured it might be a

87
00:04:03,490 --> 00:04:01,520
good time to bring on the resonance

88
00:04:06,370 --> 00:04:03,500

science foundation's main molecular

89

00:04:08,410 --> 00:04:06,380

biologist William Brown William has

90

00:04:09,940 --> 00:04:08,420

worked in numerous laboratories across

91

00:04:11,530 --> 00:04:09,950

the country and has an extensive

92

00:04:14,290 --> 00:04:11,540

background in genetic and

93

00:04:16,180 --> 00:04:14,300

neurobiological research and theory he

94

00:04:18,490 --> 00:04:16,190

has a Bachelors of Science degree in

95

00:04:21,340 --> 00:04:18,500

cellular and molecular biology from

96

00:04:23,590 --> 00:04:21,350

Northern Arizona University and a Master

97

00:04:26,320 --> 00:04:23,600

of Science degree in applied recumbent

98

00:04:28,420 --> 00:04:26,330

DNA technology from New York University

99

00:04:30,460 --> 00:04:28,430

not only does he have some intriguing

100

00:04:32,710 --> 00:04:30,470

things to say about the fingerprints of

101
00:04:34,810 --> 00:04:32,720
genetic manipulation in our alien-human

102
00:04:37,450 --> 00:04:34,820
hybrid DNA but he also does some

103
00:04:40,180 --> 00:04:37,460
exciting work in applying holo fractal

104
00:04:41,620 --> 00:04:40,190
graphic principles to biological systems

105
00:04:43,990 --> 00:04:41,630
which is just the sort of thing I

106
00:04:46,300 --> 00:04:44,000
thought we could use so let's get into

107
00:04:48,790 --> 00:04:46,310
it solving the hard problems left by an

108
00:04:51,460 --> 00:04:48,800
incomplete scientific paradigm the alien

109
00:04:53,890 --> 00:04:51,470
DNA decoder himself William quantum

110
00:04:56,620 --> 00:04:53,900
biology Brown welcome to the higher side

111
00:04:58,900 --> 00:04:56,630
oh thank you great it's great to be on

112
00:05:01,210 --> 00:04:58,910
with you yeah man thanks for doing this

113
00:05:03,730 --> 00:05:01,220

I have found a lot of your work really

114

00:05:05,710 --> 00:05:03,740

interesting and as I kind of mentioned

115

00:05:07,900 --> 00:05:05,720

there in the intro when you have a

116

00:05:10,450 --> 00:05:07,910

dominant scientific model that's

117

00:05:12,430 --> 00:05:10,460

inaccurate many of the ideas and

118

00:05:15,940 --> 00:05:12,440

theories that come out of it are going

119

00:05:18,310 --> 00:05:15,950

to be incorrect too and we have a world

120

00:05:21,820 --> 00:05:18,320

worried about viruses and catching this

121

00:05:24,550 --> 00:05:21,830

kovat 19 thing and at a minimum we have

122

00:05:27,460 --> 00:05:24,560

to rethink the petrochemical model to

123

00:05:29,409 --> 00:05:27,470

solving disease and maybe it goes even

124

00:05:31,360 --> 00:05:29,419

deeper than that but to get the ball

125

00:05:33,130 --> 00:05:31,370

rolling here when I have a guest who's

126

00:05:35,650 --> 00:05:33,140

gone through years of study in the

127

00:05:36,550 --> 00:05:35,660

conventional system I'm also curious

128

00:05:39,310 --> 00:05:36,560

where it is

129

00:05:41,800 --> 00:05:39,320

they realized something was off what can

130

00:05:44,050 --> 00:05:41,810

you say about your aha moment when did

131

00:05:46,330 --> 00:05:44,060

you realize mainstream biology was

132

00:05:53,310 --> 00:05:46,340

leaving a lot of important stuff off the

133

00:05:57,340 --> 00:05:53,320

table yeah it really was when the more

134

00:06:00,159 --> 00:05:57,350

materialistic theories mechanistic

135

00:06:04,210 --> 00:06:00,169

theories behind biology were being

136

00:06:06,430 --> 00:06:04,220

presented so early on in my

137

00:06:09,340 --> 00:06:06,440

undergraduate career you know I'm

138

00:06:13,150 --> 00:06:09,350

beginning to get into molecular biology

139

00:06:15,430 --> 00:06:13,160

biochemistry learning how various

140

00:06:19,030 --> 00:06:15,440

enzymes and nano machines of the body

141

00:06:22,090 --> 00:06:19,040

work and the predominant model being

142

00:06:23,830 --> 00:06:22,100

presented at that time was such that you

143

00:06:25,840 --> 00:06:23,840

know you've got enzymes that catalyze

144

00:06:28,870 --> 00:06:25,850

reactions and you've got substrates that

145

00:06:31,480 --> 00:06:28,880

are what they act on to produce you know

146

00:06:35,379 --> 00:06:31,490

products and that's why gods the

147

00:06:38,400 --> 00:06:35,389

metabolism of the cell of your body and

148

00:06:41,080 --> 00:06:38,410

everything from your DNA replication and

149

00:06:43,540 --> 00:06:41,090

mitosis to make new cells and all of

150

00:06:46,230 --> 00:06:43,550

that but Jo that was based on what's

151
00:06:48,990 --> 00:06:46,240
called like the lock and key mechanism

152
00:06:53,640 --> 00:06:49,000
and it's this idea that these are like

153
00:06:55,680 --> 00:06:53,650
donut balls on a table and they instruct

154
00:06:58,080 --> 00:06:55,690
randomly and we just kind of randomly

155
00:07:00,839 --> 00:06:58,090
bouncing around and every now and then

156
00:07:04,290 --> 00:07:00,849
you get the right substrate that hits

157
00:07:06,360 --> 00:07:04,300
the right enzyme and when that happens

158
00:07:07,559 --> 00:07:06,370
the reaction takes place but that's

159
00:07:09,900 --> 00:07:07,569
completely random

160
00:07:12,910 --> 00:07:09,910
there's no orchestration to that or

161
00:07:15,580 --> 00:07:12,920
coordination to that at all

162
00:07:18,310 --> 00:07:15,590
and also the recognition of that enzyme

163
00:07:20,800 --> 00:07:18,320

by the substrate that just happens that

164

00:07:24,940 --> 00:07:20,810

the substrate hits at just the right

165

00:07:27,460 --> 00:07:24,950

angle and just the right part so it's

166

00:07:29,340 --> 00:07:27,470

like a lock-and-key and it fits but

167

00:07:32,890 --> 00:07:29,350

again that's a random orientation

168

00:07:35,200 --> 00:07:32,900

because if you know there's only one of

169

00:07:37,690 --> 00:07:35,210

a few orientations that that lock and

170

00:07:40,240 --> 00:07:37,700

key is going to fit together

171

00:07:42,730 --> 00:07:40,250

so you know that was extremely

172

00:07:45,980 --> 00:07:42,740

problematic for me because if you take

173

00:07:50,029 --> 00:07:45,990

prison side DNA replication

174

00:07:52,129 --> 00:07:50,039

the DNA polymerase enzyme that makes the

175

00:07:55,939 --> 00:07:52,139

new strand of DNA from the template

176

00:07:58,520 --> 00:07:55,949

string it synthesizes a thousand

177

00:08:03,100 --> 00:07:58,530

nucleotides a second

178

00:08:07,310 --> 00:08:03,110

with error rate of like 0.01% or smaller

179

00:08:08,540 --> 00:08:07,320

so it can put together a thousand

180

00:08:13,010 --> 00:08:08,550

nucleotides and there's four different

181

00:08:16,400 --> 00:08:13,020

nucleotides in one second how is that

182

00:08:19,460 --> 00:08:16,410

occurring via a random collision because

183

00:08:21,050 --> 00:08:19,470

even if you had with these nucleotides

184

00:08:23,480 --> 00:08:21,060

are randomly colliding with the

185

00:08:26,870 --> 00:08:23,490

polymerase enzyme it has to be the right

186

00:08:28,790 --> 00:08:26,880

nucleotide of those 104 it has to be in

187

00:08:31,820 --> 00:08:28,800

the exact right orientation for that

188

00:08:34,820 --> 00:08:31,830

lock and key mechanism to work and that

189

00:08:37,279 --> 00:08:34,830

just if you were to do the mathematics

190

00:08:40,100 --> 00:08:37,289

and you know the pump abilities the

191

00:08:42,589 --> 00:08:40,110

statistics all of that it doesn't add up

192

00:08:46,460 --> 00:08:42,599

at all it's impossible but that's

193

00:08:48,840 --> 00:08:46,470

happening via the paradigm that was

194

00:08:52,530 --> 00:08:48,850

being presented at that time

195

00:08:56,910 --> 00:08:52,540

now the problem with that paradigm is

196

00:09:00,150 --> 00:08:56,920

that it's based on physics Newtonian

197

00:09:03,660 --> 00:09:00,160

physics is basically a four hundred year

198

00:09:05,240 --> 00:09:03,670

old model of physics you know it's a

199

00:09:08,010 --> 00:09:05,250

little bit dated

200

00:09:12,180 --> 00:09:08,020

it's not even caught up yet to 19th

201

00:09:15,690 --> 00:09:12,190

century physics with like Maxwell and

202

00:09:18,360 --> 00:09:15,700

electro magnetics meant 20th century

203

00:09:21,300 --> 00:09:18,370

physics with electrodynamics and quantum

204

00:09:23,880 --> 00:09:21,310

mechanics that just doesn't even enter

205

00:09:26,910 --> 00:09:23,890

into the equation at all you know it's a

206

00:09:31,320 --> 00:09:26,920

purely deterministic kind of Newtonian

207

00:09:36,180 --> 00:09:31,330

clockwork type model it doesn't explain

208

00:09:38,190 --> 00:09:36,190

the Bayeux dynamics and all you know

209

00:09:42,180 --> 00:09:38,200

that was kind of the first ship in the

210

00:09:44,250 --> 00:09:42,190

armor but then later on when I was doing

211

00:09:47,690 --> 00:09:44,260

research and investigations into

212

00:09:51,300 --> 00:09:47,700

genetics and neurobiology neurogenetics

213

00:09:55,980 --> 00:09:51,310

you know the state of affairs with

214

00:09:59,270 --> 00:09:55,990

explaining how DNA produces an organism

215

00:10:02,700 --> 00:09:59,280

know going from genotype to phenotype

216

00:10:06,140 --> 00:10:02,710

that was completely unknown how that's

217

00:10:08,790 --> 00:10:06,150

occurring and it's still largely unknown

218

00:10:11,310 --> 00:10:08,800

how that occurs

219

00:10:16,320 --> 00:10:11,320

and then consciousness is probably the

220

00:10:20,050 --> 00:10:16,330

biggest one because there is no

221

00:10:24,540 --> 00:10:20,060

materialistic mechanistic model that can

222

00:10:27,410 --> 00:10:24,550

explain the phenomenon of consciousness

223

00:10:30,410 --> 00:10:27,420

and certainly that predominant period on

224

00:10:33,800 --> 00:10:30,420

today the neuro computational model

225

00:10:36,560 --> 00:10:33,810

doesn't come anywhere close to

226

00:10:38,720 --> 00:10:36,570

explaining the hard problem of

227

00:10:41,040 --> 00:10:38,730

consciousness

228

00:10:43,769 --> 00:10:41,050

mm-hmm-hmm yeah that is a great

229

00:10:46,079 --> 00:10:43,779

breakdown of some of the major flaws in

230

00:10:48,090 --> 00:10:46,089

our current paradigm and of course I'm

231

00:10:50,329 --> 00:10:48,100

no expert but I do try to tell people

232

00:10:53,340 --> 00:10:50,339

like if you look at the history of

233

00:10:55,710 --> 00:10:53,350

Medicine it's really not that old and

234

00:10:58,079 --> 00:10:55,720

they were doing some pretty dark and

235

00:11:00,600 --> 00:10:58,089

twisted stuff in the early stages of

236

00:11:02,460 --> 00:11:00,610

Medicine and treating things that

237

00:11:05,639 --> 00:11:02,470

probably could have used a scalpel with

238

00:11:08,069 --> 00:11:05,649

a giant sledgehammer and just all kinds

239

00:11:10,110 --> 00:11:08,079

of mechanical kinds of ways of dealing

240

00:11:11,910 --> 00:11:10,120

with the body leaving out consciousness

241

00:11:14,730 --> 00:11:11,920

leaving out the holistic system

242

00:11:16,350 --> 00:11:14,740

it's just bad philosophy applied to the

243

00:11:18,870 --> 00:11:16,360

body and we know now there's just so

244

00:11:21,120 --> 00:11:18,880

many things about the body that do not

245

00:11:24,290 --> 00:11:21,130

jive with this conventional paradigm but

246

00:11:27,690 --> 00:11:24,300

in a time of panic like we've been in

247

00:11:29,910 --> 00:11:27,700

people divert to the experts or who they

248

00:11:32,550 --> 00:11:29,920

perceive as the experts and we end up

249

00:11:35,880 --> 00:11:32,560

with this draconian clampdown system

250

00:11:38,010 --> 00:11:35,890

based off really faulty understanding of

251
00:11:40,410 --> 00:11:38,020
the body and health and wellness so it

252
00:11:42,870 --> 00:11:40,420
is pretty wild and pretty pertinent to

253
00:11:45,480 --> 00:11:42,880
these times and I guess I would ask of

254
00:11:47,310 --> 00:11:45,490
the alternatives available clearly you

255
00:11:49,889 --> 00:11:47,320
found in a seams theory to be the best

256
00:11:52,170 --> 00:11:49,899
framework to work with can you talk to

257
00:11:55,019 --> 00:11:52,180
us about what you saw in it particularly

258
00:11:57,630 --> 00:11:55,029
in your areas of expertise that got you

259
00:11:59,910 --> 00:11:57,640
onboard and working with the resonance

260
00:12:03,720 --> 00:11:59,920
science foundation as opposed to some

261
00:12:07,800 --> 00:12:03,730
other alternative there so by the time I

262
00:12:11,310 --> 00:12:07,810
was doing my PhD research which actually

263
00:12:13,639 --> 00:12:11,320

didn't complete the PhD I did about two

264

00:12:16,069 --> 00:12:13,649

years before actually I joined now same

265

00:12:19,199 --> 00:12:16,079

because I saw there was better

266

00:12:23,189 --> 00:12:19,209

opportunity working with him and his

267

00:12:23,730 --> 00:12:23,199

theory to accomplish what I was thinking

268

00:12:26,370 --> 00:12:23,740

to do

269

00:12:30,000 --> 00:12:26,380

you know synthesize a more coherent

270

00:12:34,170 --> 00:12:30,010

understanding of the physics of the

271

00:12:36,720 --> 00:12:34,180

biological system but even the PhD

272

00:12:39,740 --> 00:12:36,730

students that I was working with

273

00:12:42,560 --> 00:12:39,750

if you try to discuss mechanisms of

274

00:12:46,050 --> 00:12:42,570

electromagnetism operating in the body

275

00:12:49,050 --> 00:12:46,060

they had completely no idea what you

276
00:12:51,510 --> 00:12:49,060
were talking about you know I remember

277
00:12:55,050 --> 00:12:51,520
getting into a discussion on whether or

278
00:12:57,200 --> 00:12:55,060
not there were photons in the brain and

279
00:13:00,900 --> 00:12:57,210
whether or not there was electromagnetic

280
00:13:02,910 --> 00:13:00,910
phenomenon occurring in the brain one of

281
00:13:05,070 --> 00:13:02,920
the patients didn't said you know I said

282
00:13:07,560 --> 00:13:05,080
yeah of course there's electromagnetism

283
00:13:10,130 --> 00:13:07,570
in the brain and he said oh but are

284
00:13:13,830 --> 00:13:10,140
there photons I had to explain the

285
00:13:15,570 --> 00:13:13,840
electro magnetism is protons you know

286
00:13:17,100 --> 00:13:15,580
that's the quantization of the

287
00:13:19,650 --> 00:13:17,110
electromagnetic fields it's called a

288
00:13:24,300 --> 00:13:19,660

photon you know so you know is this that

289

00:13:27,170 --> 00:13:24,310

the problem was it still is that to get

290

00:13:29,670 --> 00:13:27,180

a you know advanced degree in biology

291

00:13:34,500 --> 00:13:29,680

where you're going to practice medicine

292

00:13:36,420 --> 00:13:34,510

or study the biological system now you

293

00:13:40,730 --> 00:13:36,430

only need one or two years of physics

294

00:13:43,350 --> 00:13:40,740

and that rarely gets you into Maxwell's

295

00:13:45,630 --> 00:13:43,360

electromagnetism and so if you start

296

00:13:48,540 --> 00:13:45,640

talking about quantum biology you know

297

00:13:49,950 --> 00:13:48,550

it just flies completely by the wayside

298

00:13:53,940 --> 00:13:49,960

you know this is completely off the

299

00:13:55,530 --> 00:13:53,950

radar and just there's no especially

300

00:13:57,210 --> 00:13:55,540

back then there's there's no context

301

00:14:00,060 --> 00:13:57,220

point you know it sounds like you're

302

00:14:02,970 --> 00:14:00,070

just talking crazy and then you know on

303

00:14:05,340 --> 00:14:02,980

the physics side physicists in terms of

304

00:14:07,110 --> 00:14:05,350

understanding quantum biology they don't

305

00:14:11,700 --> 00:14:07,120

have a thorough enough understanding of

306

00:14:14,910 --> 00:14:11,710

the intricacies of the nanomolecular

307

00:14:17,910 --> 00:14:14,920

scale biological system you know I think

308

00:14:20,040 --> 00:14:17,920

a micro scale to understand how quantum

309

00:14:22,110 --> 00:14:20,050

physics quantum mechanical phenomenon

310

00:14:26,640 --> 00:14:22,120

can be taking place there lateral

311

00:14:30,980 --> 00:14:26,650

dynamics and micro magnetism so when I

312

00:14:34,080 --> 00:14:30,990

was able to came up with not seen him

313

00:14:38,070 --> 00:14:34,090

you know Hughes Hall effect or graphic

314

00:14:44,220 --> 00:14:38,080

model of unified physics fit perfectly

315

00:14:47,280 --> 00:14:44,230

into beginning to explain these hard

316

00:14:50,040 --> 00:14:47,290

problems these big questions that don't

317

00:14:53,910 --> 00:14:50,050

have an explanation in biology

318

00:14:55,830 --> 00:14:53,920

coming from the foundational side of

319

00:14:58,770 --> 00:14:55,840

things which is physics

320

00:15:01,650 --> 00:14:58,780

you know so consciousness you know when

321

00:15:04,500 --> 00:15:01,660

you begin to integrate in hall of

322

00:15:08,970 --> 00:15:04,510

graphic principles the holographic brain

323

00:15:11,380 --> 00:15:08,980

and the holographic structure of some

324

00:15:14,860 --> 00:15:11,390

space in space-time

325

00:15:18,160 --> 00:15:14,870

it's kind of very natural and easy

326

00:15:21,280 --> 00:15:18,170

explanation flows from that of how you

327

00:15:24,160 --> 00:15:21,290

did consciousness and you can begin to

328

00:15:26,350 --> 00:15:24,170

describe actually the nature of

329

00:15:29,380 --> 00:15:26,360

consciousness in the universe

330

00:15:32,500 --> 00:15:29,390

the role it plays in the mechanisms and

331

00:15:35,650 --> 00:15:32,510

dynamics of the universe but then so

332

00:15:39,160 --> 00:15:35,660

that theoretical fundamental level

333

00:15:41,670 --> 00:15:39,170

that's what wealth of understanding but

334

00:15:44,140 --> 00:15:41,680

of course that theoretical side

335

00:15:47,860 --> 00:15:44,150

satisfies the curiosity but what about

336

00:15:50,290 --> 00:15:47,870

the applications you know and you know

337

00:15:51,700 --> 00:15:50,300

that's where it becomes relevant to

338

00:15:55,570 --> 00:15:51,710

folks who've maybe don't even have that

339

00:15:58,300 --> 00:15:55,580

curiosity you know because it can better

340

00:16:01,570 --> 00:15:58,310

inform you know taking that whole

341

00:16:04,840 --> 00:16:01,580

fractal graphic unified physics approach

342

00:16:05,830 --> 00:16:04,850

can inform your ideas of health and

343

00:16:10,290 --> 00:16:05,840

wellness of the body

344

00:16:12,400 --> 00:16:10,300

you know therapeutic approaches which is

345

00:16:14,880 --> 00:16:12,410

especially you know more relevant now

346

00:16:18,250 --> 00:16:14,890

than ever given the certain

347

00:16:23,650 --> 00:16:18,260

circumstances the global situation we're

348

00:16:27,160 --> 00:16:23,660

in so sure enough we're working on novel

349

00:16:30,070 --> 00:16:27,170

approaches to health and wellness to you

350

00:16:35,320 --> 00:16:30,080

know combating disease you know both

351

00:16:38,560 --> 00:16:35,330

ways to neutralize pathogens which don't

352

00:16:41,640 --> 00:16:38,570

follow the you know consensus model the

353

00:16:43,810 --> 00:16:41,650

conventional paradigm of using drugs

354

00:16:46,800 --> 00:16:43,820

synthesized chemicals and stuff like

355

00:16:50,140 --> 00:16:46,810

that which has its place and is

356

00:16:54,640 --> 00:16:50,150

effective and acute circumstances and in

357

00:16:57,490 --> 00:16:54,650

certain situations but taking a more but

358

00:16:59,970 --> 00:16:57,500

you could call holistic approach point

359

00:17:02,380 --> 00:16:59,980

an approach that's going more to the

360

00:17:05,670 --> 00:17:02,390

foundational level

361

00:17:08,800 --> 00:17:05,680

you know things are operating via

362

00:17:11,800 --> 00:17:08,810

information exchange of the quantum

363

00:17:16,000 --> 00:17:11,810

fields electromagnetic information

364

00:17:19,290 --> 00:17:16,010

exchange phonon exchange and so if you

365

00:17:24,660 --> 00:17:19,300

can modulate these things at that level

366

00:17:28,540 --> 00:17:24,670

you can make significant changes with

367

00:17:30,100 --> 00:17:28,550

minimal side effects hmm and so you know

368

00:17:33,580 --> 00:17:30,110

that's certainly the approach we're

369

00:17:37,150 --> 00:17:33,590

taking so both externally combat say

370

00:17:39,460 --> 00:17:37,160

pathogens but also internally boosts the

371

00:17:41,710 --> 00:17:39,470

health wellness of the biological system

372

00:17:43,870 --> 00:17:41,720

and you know that has spiritual or

373

00:17:45,220 --> 00:17:43,880

consciousness component too because you

374

00:17:49,270 --> 00:17:45,230

know your state of mind how are you

375

00:17:54,040 --> 00:17:49,280

connected in this connected universe you

376

00:17:59,350 --> 00:17:54,050

know and then of course the connectivity

377

00:18:00,910 --> 00:17:59,360

of your system as well mm-hmm yes and

378

00:18:04,620 --> 00:18:00,920

let's drill down into that a little bit

379

00:18:07,090 --> 00:18:04,630

more maybe let's talk about viruses and

380

00:18:09,280 --> 00:18:07,100

drill down into what makes us sick

381

00:18:12,430 --> 00:18:09,290

because we have this overarching

382

00:18:15,070 --> 00:18:12,440

scientific model of a cold random harsh

383

00:18:16,990 --> 00:18:15,080

universe and that attitude certainly

384

00:18:20,350 --> 00:18:17,000

informs our views on health and wellness

385

00:18:23,050 --> 00:18:20,360

too along with all the special interests

386

00:18:25,510 --> 00:18:23,060

that want to corral our thinking but we

387

00:18:27,580 --> 00:18:25,520

use militaristic language and approach

388

00:18:29,290 --> 00:18:27,590

the natural world as this thing that

389

00:18:31,180 --> 00:18:29,300

we're doing battle with and it's trying

390

00:18:34,060 --> 00:18:31,190

to kill us we're at war with the germs

391

00:18:36,250 --> 00:18:34,070

and all that but I've had several guests

392

00:18:38,710 --> 00:18:36,260

that have explained how to cure dozens

393

00:18:42,250 --> 00:18:38,720

of autoimmune conditions or even cancer

394

00:18:44,800 --> 00:18:42,260

largely with diet or fixing our mineral

395

00:18:47,200 --> 00:18:44,810

deficiencies which shows right there

396

00:18:50,160 --> 00:18:47,210

that we aren't just victims of what we

397

00:18:53,320 --> 00:18:50,170

randomly quote-unquote catch so to speak

398

00:18:55,870 --> 00:18:53,330

yeah we also have people saying that

399

00:18:58,630 --> 00:18:55,880

just as we learned not all bacteria is

400

00:19:01,570 --> 00:18:58,640

bad in fact a lot of it isn't viruses

401
00:19:03,880 --> 00:19:01,580
might also be more nuanced than the way

402
00:19:06,190 --> 00:19:03,890
the mainstream has presented them to us

403
00:19:08,290 --> 00:19:06,200
maybe not the source of disease at all

404
00:19:10,330 --> 00:19:08,300
I'm not sure but what are your thoughts

405
00:19:14,410 --> 00:19:10,340
how do some of these ideas need to be

406
00:19:17,010 --> 00:19:14,420
reframed with a holo fractal graphic or

407
00:19:19,200 --> 00:19:17,020
quantum biological

408
00:19:23,340 --> 00:19:19,210
now those are great points that you

409
00:19:25,200 --> 00:19:23,350
bring up in first on the role of viruses

410
00:19:29,010 --> 00:19:25,210
that's exactly right you know the

411
00:19:31,370 --> 00:19:29,020
conventional idea you know these are are

412
00:19:36,900 --> 00:19:31,380
not organisms these are pathogenic

413
00:19:40,330 --> 00:19:36,910

nanomachines purely is erroneous that's

414

00:19:43,180 --> 00:19:40,340

not entirely correct at all

415

00:19:46,990 --> 00:19:43,190

you know so actually you know you might

416

00:19:50,039 --> 00:19:47,000

have heard of the microbiome which

417

00:19:52,960 --> 00:19:50,049

describes the flora yes the

418

00:19:56,080 --> 00:19:52,970

microorganisms naturally present and

419

00:19:58,620 --> 00:19:56,090

body and they actually they outnumber

420

00:20:02,430 --> 00:19:58,630

your own cells by about a hundred to one

421

00:20:03,580 --> 00:20:02,440

so you have a hundred times more

422

00:20:07,299 --> 00:20:03,590

microorganisms

423

00:20:09,940 --> 00:20:07,309

that's bacteria in your body in your

424

00:20:12,570 --> 00:20:09,950

system then you do your own cells and

425

00:20:15,190 --> 00:20:12,580

that's your microbiome now you know

426

00:20:18,070 --> 00:20:15,200

obviously that's come along and we

427

00:20:20,610 --> 00:20:18,080

understand fully the you know okay these

428

00:20:25,269 --> 00:20:20,620

so-called germs these microorganisms are

429

00:20:28,539 --> 00:20:25,279

bad you know in fact if you don't have a

430

00:20:33,639 --> 00:20:28,549

healthy micro flora you're a very

431

00:20:36,279 --> 00:20:33,649

unhealthy it is essential to the health

432

00:20:38,669 --> 00:20:36,289

and well-being of your biological system

433

00:20:42,630 --> 00:20:38,679

it performs as married functions in

434

00:20:45,730 --> 00:20:42,640

addition to actually protecting you from

435

00:20:49,090 --> 00:20:45,740

microorganisms that are opportunistic

436

00:20:50,260 --> 00:20:49,100

pathogens that will disrupt the health

437

00:20:52,630 --> 00:20:50,270

and wellness of your body if they're

438

00:20:56,960 --> 00:20:52,640

able to take hold and insulates in

439

00:21:00,530 --> 00:20:56,970

fashion but you also have the viral

440

00:21:05,660 --> 00:21:00,540

now it out numbers so the number of

441

00:21:09,230 --> 00:21:05,670

viruses are they outnumber your cells a

442

00:21:12,950 --> 00:21:09,240

thousand to one so you have thousand

443

00:21:19,540 --> 00:21:12,960

times more viruses in your body and you

444

00:21:23,240 --> 00:21:19,550

do cells and obviously these are not bad

445

00:21:28,150 --> 00:21:23,250

because that my room just like the

446

00:21:29,960 --> 00:21:28,160

microbiome is part of the natural

447

00:21:33,590 --> 00:21:29,970

functioning of your body

448

00:21:36,340 --> 00:21:33,600

maintaining health and wellness in a

449

00:21:41,560 --> 00:21:36,350

great portion of these viruses

450

00:21:44,510 --> 00:21:41,570

found in the intestinal system are

451
00:21:48,230 --> 00:21:44,520
regulating the microbiome they're

452
00:21:51,800 --> 00:21:48,240
reading out potentially pathogenic or

453
00:21:56,840 --> 00:21:51,810
disease-causing microorganisms and in

454
00:21:59,030 --> 00:21:56,850
fact you could isolate those viruses

455
00:22:03,230 --> 00:21:59,040
from the intestinal tract and use it to

456
00:22:06,490 --> 00:22:03,240
treat microbial infections these are

457
00:22:09,570 --> 00:22:06,500
particularly called bacteria phages and

458
00:22:12,650 --> 00:22:09,580
they are

459
00:22:14,960 --> 00:22:12,660
orders of magnitude more safe than

460
00:22:17,460 --> 00:22:14,970
antibiotics which are chemical

461
00:22:20,550 --> 00:22:17,470
treatments this is a non chemical

462
00:22:24,420 --> 00:22:20,560
approach to antibiotics and there are a

463
00:22:27,120 --> 00:22:24,430

hundred percent selected so one of the

464

00:22:29,400 --> 00:22:27,130

problems with traditional antibiotics is

465

00:22:32,580 --> 00:22:29,410

that they take out all of your micro

466

00:22:35,280 --> 00:22:32,590

flora every micro organism

467

00:22:39,360 --> 00:22:35,290

the viruses when we target one or maybe

468

00:22:41,790 --> 00:22:39,370

two bacteria and the bad ones so you can

469

00:22:44,610 --> 00:22:41,800

target them and leave your cells

470

00:22:46,790 --> 00:22:44,620

completely untouched and your healthy

471

00:22:50,730 --> 00:22:46,800

welcomed Florence completely untouched

472

00:22:53,700 --> 00:22:50,740

now that's not even getting entered yet

473

00:22:57,200 --> 00:22:53,710

the human endogenous retroviruses which

474

00:22:59,910 --> 00:22:57,210

are indeed genome human genome and that

475

00:23:04,740 --> 00:22:59,920

will come up later if we get into the

476

00:23:07,410 --> 00:23:04,750

alien genetic yeah I'm excited for that

477

00:23:08,880 --> 00:23:07,420

and I'm curious if this is maybe it's

478

00:23:13,080 --> 00:23:08,890

different terminology but it seems

479

00:23:14,880 --> 00:23:13,090

pretty congruent with the exosome theory

480

00:23:17,940 --> 00:23:14,890

which is being tossed around a lot now

481

00:23:21,300 --> 00:23:17,950

which is the idea that when someone gets

482

00:23:22,680 --> 00:23:21,310

into a state of illness and then we take

483

00:23:25,020 --> 00:23:22,690

a blood sample look under the microscope

484

00:23:26,220 --> 00:23:25,030

we see these things we call them viruses

485

00:23:28,080 --> 00:23:26,230

and we're saying that's what's causing

486

00:23:30,060 --> 00:23:28,090

the illness because this is a thing that

487

00:23:33,240 --> 00:23:30,070

I didn't see in the healthy person but

488

00:23:36,180 --> 00:23:33,250

the exosome theory is saying that

489

00:23:38,610 --> 00:23:36,190

actually these viruses or these things

490

00:23:40,770 --> 00:23:38,620

were seen they emerge from your cell

491

00:23:43,740 --> 00:23:40,780

there there's something that your cell

492

00:23:46,680 --> 00:23:43,750

produces to try to detoxify itself there

493

00:23:48,510 --> 00:23:46,690

are excretions of a toxic cell and I

494

00:23:51,030 --> 00:23:48,520

mean you're saying endogenous this seems

495

00:23:53,580 --> 00:23:51,040

very much in line these are things that

496

00:23:57,210 --> 00:23:53,590

are part of our makeup that emerge from

497

00:24:00,840 --> 00:23:57,220

inside of us not something we've caught

498

00:24:04,440 --> 00:24:00,850

from the outside world randomly well

499

00:24:06,240 --> 00:24:04,450

there is some truth to that but for

500

00:24:08,250 --> 00:24:06,250

supporters of the exosomes

501
00:24:10,890 --> 00:24:08,260
they're not going to like what I have to

502
00:24:15,180 --> 00:24:10,900
say just because you know that's just

503
00:24:19,310 --> 00:24:15,190
not actually once occurring because you

504
00:24:24,270 --> 00:24:19,320
can isolate those virus particles and

505
00:24:28,020 --> 00:24:24,280
you can do an analysis and autopsy if

506
00:24:31,470 --> 00:24:28,030
you will on what they're made of you

507
00:24:35,730 --> 00:24:31,480
know you can look at the protein capsule

508
00:24:38,970 --> 00:24:35,740
they informs the body you can go inside

509
00:24:42,630 --> 00:24:38,980
and look at the molecules the specific

510
00:24:45,750 --> 00:24:42,640
you know nano machines then it's use it

511
00:24:49,830 --> 00:24:45,760
to operate look at its DNA or RNA

512
00:24:53,250 --> 00:24:49,840
genome and it's clearly not something

513
00:24:55,590 --> 00:24:53,260

that's coming from our own cells because

514

00:24:58,620 --> 00:24:55,600

most of these components are completely

515

00:25:03,420 --> 00:24:58,630

foreign to what's naturally present in

516

00:25:05,580 --> 00:25:03,430

the body their components say you don't

517

00:25:09,410 --> 00:25:05,590

have the bodies that they're coming from

518

00:25:15,970 --> 00:25:09,420

outside into the body you know you can

519

00:25:17,950 --> 00:25:15,980

very clearly show that so that

520

00:25:20,710 --> 00:25:17,960

promoters of eggs is up there definitely

521

00:25:22,900 --> 00:25:20,720

are going to like what I have to say

522

00:25:26,470 --> 00:25:22,910

about that you know because particularly

523

00:25:30,010 --> 00:25:26,480

the idea like okay so if say you're

524

00:25:32,530 --> 00:25:30,020

being exposed to five gene creates a

525

00:25:34,960 --> 00:25:32,540

toxic buildup in the cell and cell

526

00:25:38,550 --> 00:25:34,970

trying to detoxify itself via exosomes

527

00:25:43,720 --> 00:25:38,560

the only thing is the you can look at

528

00:25:45,550 --> 00:25:43,730

exosomes or the budding of vesicle

529

00:25:48,250 --> 00:25:45,560

compartments from the membrane of the

530

00:25:52,170 --> 00:25:48,260

cell which happens all the time of a

531

00:25:58,660 --> 00:25:52,180

neural transmission is a process of

532

00:26:01,950 --> 00:25:58,670

exosome no the releasing of a lipid

533

00:26:05,650 --> 00:26:01,960

vesicles from the synapse of the neuron

534

00:26:07,630 --> 00:26:05,660

into the intracellular space and I mean

535

00:26:11,190 --> 00:26:07,640

no you can just really easily see that

536

00:26:14,890 --> 00:26:11,200

these extracellular vesicles are

537

00:26:17,260 --> 00:26:14,900

completely different from a virus fair

538

00:26:19,840 --> 00:26:17,270

fair and maybe that's a little too in

539

00:26:22,120 --> 00:26:19,850

the weeds perhaps it just it prompted

540

00:26:24,970 --> 00:26:22,130

that from me because you said endogenous

541

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

viruses and do you have this viral and

542

00:26:29,470 --> 00:26:26,990

some aren't so bad so and obviously

543

00:26:32,110 --> 00:26:29,480

we're talking about a category viruses

544

00:26:33,640 --> 00:26:32,120

that we know there are just thousands of

545

00:26:36,280 --> 00:26:33,650

things within so I'm sure there's a lot

546

00:26:39,670 --> 00:26:36,290

of nuance in and maybe we can't even

547

00:26:41,590 --> 00:26:39,680

categorize all viruses as one thing but

548

00:26:44,110 --> 00:26:41,600

I guess there's just some that aren't so

549

00:26:46,150 --> 00:26:44,120

bad for us and are kind of housed in our

550

00:26:48,310 --> 00:26:46,160

body and that's where I'll say that

551
00:26:50,470 --> 00:26:48,320
there is some truth to that because in

552
00:26:54,430 --> 00:26:50,480
order to do have those endogenous

553
00:26:57,670 --> 00:26:54,440
retroviruses and so a model that I've

554
00:27:00,670 --> 00:26:57,680
promoted it's actually a theory that I

555
00:27:03,820 --> 00:27:00,680
developed when I first started learning

556
00:27:08,560 --> 00:27:03,830
about viruses you know at the university

557
00:27:13,690 --> 00:27:08,570
is that you do have beneficial or

558
00:27:17,430 --> 00:27:13,700
altruistic viruses and so you can have

559
00:27:21,490 --> 00:27:17,440
this kind of intrinsic or internal

560
00:27:23,680 --> 00:27:21,500
activation of viruses you know and it

561
00:27:25,880 --> 00:27:23,690
would look just like the X's on budding

562
00:27:30,180 --> 00:27:25,890
on the cell

563
00:27:33,780 --> 00:27:30,190

transmitting information via package DNA

564

00:27:36,560 --> 00:27:33,790

to adjacent cells and I think that that

565

00:27:40,080 --> 00:27:36,570

is a current and actually that's a

566

00:27:44,160 --> 00:27:40,090

beneficial process the reason why it's

567

00:27:46,440 --> 00:27:44,170

not known is that the only reason we

568

00:27:50,010 --> 00:27:46,450

even though viruses are round is when

569

00:27:53,790 --> 00:27:50,020

they cause a problem you know it's when

570

00:27:56,340 --> 00:27:53,800

you have one that is disrupting the

571

00:27:57,960 --> 00:27:56,350

health and wellness of the system that's

572

00:27:59,970 --> 00:27:57,970

when you know okay something's going on

573

00:28:02,370 --> 00:27:59,980

there's something there and you can see

574

00:28:05,010 --> 00:28:02,380

it and identify it but if it's something

575

00:28:07,470 --> 00:28:05,020

that's a normal part of the functioning

576

00:28:10,650 --> 00:28:07,480
of the body and it's actually not

577

00:28:13,170 --> 00:28:10,660
causing harm but it's helping the body

578

00:28:15,360 --> 00:28:13,180
if Michael completely our notice

579

00:28:17,850 --> 00:28:15,370
especially given the extremely small

580

00:28:22,470 --> 00:28:17,860
size of viruses know they're in the

581

00:28:25,680 --> 00:28:22,480
nanometer scale range and so that's

582

00:28:28,290 --> 00:28:25,690
actually a model I developed to explain

583

00:28:30,610 --> 00:28:28,300
the origin of our missions where they

584

00:28:37,120 --> 00:28:34,330
and they actually in the deep past in

585

00:28:40,480 --> 00:28:37,130
the early history of life they merged as

586

00:28:42,670 --> 00:28:40,490
a Jun sharing mechanism for horizontal

587

00:28:46,600 --> 00:28:42,680
gene transfer so organisms could act

588

00:28:50,320 --> 00:28:46,610

altruistically collaborated you so if

589

00:28:52,990 --> 00:28:50,330

they had a new mutation a new piece of

590

00:28:56,470 --> 00:28:53,000

gene information that was beneficial and

591

00:29:00,190 --> 00:28:56,480

helpful it could package it up and pass

592

00:29:01,799 --> 00:29:00,200

along to a neighbor and I think that

593

00:29:05,049 --> 00:29:01,809

that is I mean you know that was my

594

00:29:07,150 --> 00:29:05,059

hypothesis very early on and actually an

595

00:29:10,840 --> 00:29:07,160

instance of that has been discovered

596

00:29:14,799 --> 00:29:10,850

where these so-called viruses are

597

00:29:18,390 --> 00:29:14,809

actually being used to share useful DNA

598

00:29:21,850 --> 00:29:18,400

information with a colony of

599

00:29:26,020 --> 00:29:21,860

microorganisms own it is nuanced it is

600

00:29:29,490 --> 00:29:26,030

nuanced isn't it all and so a major

601
00:29:32,230 --> 00:29:29,500
interest of mine right now is how the

602
00:29:34,210 --> 00:29:32,240
electromagnetic fields of the body and

603
00:29:36,520 --> 00:29:34,220
the earth in the environment play a role

604
00:29:39,580 --> 00:29:36,530
in our health and wellness some say it's

605
00:29:42,580 --> 00:29:39,590
the most fundamental aspect and it

606
00:29:44,890 --> 00:29:42,590
wasn't until we started stringing

607
00:29:46,780 --> 00:29:44,900
electrical wires across every city and

608
00:29:49,419 --> 00:29:46,790
sending radio waves across the globe

609
00:29:51,730 --> 00:29:49,429
that we started seeing people get the

610
00:29:53,470 --> 00:29:51,740
flu in mass that's an argument I've

611
00:29:54,910 --> 00:29:53,480
heard that it's kind of compelling I

612
00:29:56,680 --> 00:29:54,920
just think it's interesting because even

613
00:29:59,200 --> 00:29:56,690

in the corona virus news we don't really

614

00:30:01,000 --> 00:29:59,210

hear anything about diet or upping our

615

00:30:03,580 --> 00:30:01,010

immune system and then to go a level

616

00:30:06,190 --> 00:30:03,590

deeper we never really hear about the

617

00:30:09,460 --> 00:30:06,200

health of our electromagnetic fields and

618

00:30:10,450 --> 00:30:09,470

how to take care of that but I'm curious

619

00:30:13,480 --> 00:30:10,460

what are your thoughts on the

620

00:30:16,150 --> 00:30:13,490

relationship between these unseen fields

621

00:30:20,590 --> 00:30:16,160

and the state of our general health how

622

00:30:22,390 --> 00:30:20,600

related are they oh yeah and you don't

623

00:30:23,980 --> 00:30:22,400

just touch on that a point that you've

624

00:30:26,440 --> 00:30:23,990

brought up you know it is kind of

625

00:30:29,830 --> 00:30:26,450

amazing to me that if you go into a

626

00:30:32,049 --> 00:30:29,840

hospital we'll be sick and the whole

627

00:30:34,320 --> 00:30:32,059

doctor I didn't say those stick of

628

00:30:36,820 --> 00:30:34,330

ventilators into your lungs which is

629

00:30:41,010 --> 00:30:36,830

extremely invasive and damaging

630

00:30:43,600 --> 00:30:41,020

procedure but one that gives the

631

00:30:44,590 --> 00:30:43,610

supplements that the body needs and

632

00:30:47,560 --> 00:30:44,600

micronutrients

633

00:30:51,340 --> 00:30:47,570

body needs to have a healthy functioning

634

00:30:54,370 --> 00:30:51,350

immune system I think that in a lot of

635

00:30:56,560 --> 00:30:54,380

those cases just giving zinc vitamin D

636

00:31:01,630 --> 00:30:56,570

vitamin C's you know boosting those of

637

00:31:03,880 --> 00:31:01,640

those DHA DHA you could probably pretty

638

00:31:07,540 --> 00:31:03,890

much eliminate the need for any serious

639

00:31:09,610 --> 00:31:07,550

medical intervention give a body that

640

00:31:15,000 --> 00:31:09,620

resources it needs to heal itself

641

00:31:18,610 --> 00:31:15,010

naturally but then we do have a new

642

00:31:22,000 --> 00:31:18,620

situation for the human experience which

643

00:31:25,920 --> 00:31:22,010

is the widespread and intensifying

644

00:31:29,730 --> 00:31:25,930

generation of artificially generated

645

00:31:33,630 --> 00:31:29,740

electromagnetic fields and started with

646

00:31:37,870 --> 00:31:33,640

50 to 60 Hertz electrical power lines

647

00:31:41,950 --> 00:31:37,880

milk in the early 20th century

648

00:31:43,510 --> 00:31:41,960

and there's certainly no doubt what the

649

00:31:47,620 --> 00:31:43,520

studies experiments have been performed

650

00:31:49,510 --> 00:31:47,630

to show that these external sources of

651

00:31:53,800 --> 00:31:49,520

electromagnetic radiation joint

652

00:31:56,920 --> 00:31:53,810

naturally present to absolutely interact

653

00:32:00,240 --> 00:31:56,930

with the functioning of the body and can

654

00:32:06,040 --> 00:32:00,250

disrupt it oftentimes in a negative way

655

00:32:08,290 --> 00:32:06,050

now there is really interesting analysis

656

00:32:12,600 --> 00:32:08,300

that have been performed showing the

657

00:32:15,610 --> 00:32:12,610

correlation between the emergence of

658

00:32:19,180 --> 00:32:15,620

these external sources of

659

00:32:22,030 --> 00:32:19,190

electromagnetic radiation and epidemics

660

00:32:26,140 --> 00:32:22,040

pandemics etcetera you know even with

661

00:32:29,200 --> 00:32:26,150

the current pandemic if you see a sheet

662

00:32:37,580 --> 00:32:32,630

concentration the density of infections

663

00:32:41,409 --> 00:32:37,590

it overlaps nearly exactly with

664

00:32:44,870 --> 00:32:41,419

locations where the five journey

665

00:32:47,810 --> 00:32:44,880

technology is being set up and

666

00:32:51,580 --> 00:32:47,820

implemented you always have to be

667

00:32:54,730 --> 00:32:51,590

careful though with correlations because

668

00:32:57,350 --> 00:32:54,740

despite the kind of layman's

669

00:32:59,110 --> 00:32:57,360

interpretation of a correlation a

670

00:33:03,860 --> 00:32:59,120

correlation does not mean causation

671

00:33:07,190 --> 00:33:03,870

right so you can see okay you've got

672

00:33:11,090 --> 00:33:07,200

increased instances of infection in

673

00:33:13,460 --> 00:33:11,100

locations where IP is being initiated so

674

00:33:15,409 --> 00:33:13,470

it's correlated but there's other things

675

00:33:18,590 --> 00:33:15,419

that are correlated like five days

676
00:33:23,269 --> 00:33:18,600
rolled out in the most densely populated

677
00:33:24,590 --> 00:33:23,279
areas cities and cities where you have

678
00:33:26,960 --> 00:33:24,600
the hospital rate because it's most

679
00:33:29,860 --> 00:33:26,970
densely populated area so you know in

680
00:33:33,240 --> 00:33:29,870
most correlated it's not it doesn't

681
00:33:39,140 --> 00:33:33,250
necessarily say that there's competition

682
00:33:41,580 --> 00:33:39,150
now provide research into the effects of

683
00:33:44,370 --> 00:33:41,590
artificial source went to magnetic

684
00:33:47,669 --> 00:33:44,380
radiation you know it certainly is going

685
00:33:53,370 --> 00:33:47,679
to lower the immune function of the body

686
00:33:58,440 --> 00:33:53,380
making it more susceptible to infections

687
00:34:01,740 --> 00:33:58,450
disease because the body has increased

688
00:34:06,180 --> 00:34:01,750

stress levels from the electromagnetic

689

00:34:09,750 --> 00:34:06,190

load that no isn't naturally present and

690

00:34:12,240 --> 00:34:09,760

really hasn't been present for the 100

691

00:34:15,649 --> 00:34:12,250

plus thousand years of human history you

692

00:34:20,119 --> 00:34:15,659

know it's just an extremely instant

693

00:34:23,399 --> 00:34:20,129

change in what our body has to deal with

694

00:34:25,710 --> 00:34:23,409

but then some of the proponents of

695

00:34:28,710 --> 00:34:25,720

good-x is older he's going on to kind of

696

00:34:31,560 --> 00:34:28,720

take a step to form and say well these

697

00:34:34,109 --> 00:34:31,570

pandemics and result the direct result

698

00:34:38,369 --> 00:34:34,119

of these external sources of

699

00:34:40,490 --> 00:34:38,379

electromagnetic fields but you know the

700

00:34:44,310 --> 00:34:40,500

problem with that is the human

701
00:34:49,829 --> 00:34:44,320
populations also have in wall and deep

702
00:34:53,839 --> 00:34:49,839
history of epidemics going back is for

703
00:34:57,930 --> 00:34:53,849
is we have archaeological evidence of

704
00:35:02,060 --> 00:34:57,940
you know you can dig up three

705
00:35:04,880 --> 00:35:02,070
thousand-year-old mass graves and

706
00:35:07,160 --> 00:35:04,890
locations and say Western Europe and

707
00:35:12,329 --> 00:35:07,170
isolate bubonic plague

708
00:35:14,700 --> 00:35:12,339
so these pathogens infecting human

709
00:35:18,270 --> 00:35:14,710
populations causing epidemics pandemics

710
00:35:21,240 --> 00:35:18,280
is a naturally occurring thing it's been

711
00:35:25,859 --> 00:35:21,250
with us always it'd be very difficult to

712
00:35:28,140 --> 00:35:25,869
correlate 1348 black death of Europe

713
00:35:32,160 --> 00:35:28,150

which killed 25% of the population with

714

00:35:33,570 --> 00:35:32,170

the rollout of Hygiene all right you

715

00:35:35,070 --> 00:35:33,580

know what is interesting about that

716

00:35:36,810 --> 00:35:35,080

particular case and of course this is

717

00:35:40,829 --> 00:35:36,820

all just outside the box stuff that I

718

00:35:42,359 --> 00:35:40,839

read but there is a book out there it's

719

00:35:43,589 --> 00:35:42,369

not going to come to me in this moment

720

00:35:45,089 --> 00:35:43,599

because I didn't think we would talk

721

00:35:46,800 --> 00:35:45,099

about this particular plague but

722

00:35:49,980 --> 00:35:46,810

apparently there's a coral

723

00:35:53,720 --> 00:35:49,990

a Shinto an asteroid impact or a meteor

724

00:35:57,180 --> 00:35:53,730

impact that kicked up a lot of dust and

725

00:35:59,790 --> 00:35:57,190

particulates in the air and possibly a

726

00:36:01,890 --> 00:35:59,800

change in the environment that isn't

727

00:36:04,620 --> 00:36:01,900

necessarily through human technology

728

00:36:07,020 --> 00:36:04,630

could have caused a massive illness

729

00:36:10,410 --> 00:36:07,030

because it seems to again know no

730

00:36:12,750 --> 00:36:10,420

definitive causation but people who have

731

00:36:15,180 --> 00:36:12,760

looked back in history and tried to find

732

00:36:18,240 --> 00:36:15,190

possible causes that really weren't

733

00:36:20,160 --> 00:36:18,250

being thought about at the time I have

734

00:36:22,470 --> 00:36:20,170

looked at that and thought that it could

735

00:36:24,480 --> 00:36:22,480

have played a role and I don't know but

736

00:36:27,240 --> 00:36:24,490

it is it is interesting because we know

737

00:36:29,760 --> 00:36:27,250

that a lot of viruses and bacteria come

738

00:36:31,710 --> 00:36:29,770

in on comets and asteroids and meteors

739

00:36:33,870 --> 00:36:31,720

from what I understand and when you have

740

00:36:35,910 --> 00:36:33,880

an impact like that on the ground it can

741

00:36:38,400 --> 00:36:35,920

send a bunch of heavy metals up into the

742

00:36:39,810 --> 00:36:38,410

air I don't know it's obviously beyond

743

00:36:43,560 --> 00:36:39,820

me but I thought that was an interesting

744

00:36:47,000 --> 00:36:43,570

possibility yeah that is extremely

745

00:36:53,040 --> 00:36:47,010

interesting now you know it hasn't been

746

00:36:57,060 --> 00:36:53,050

100% confirmed that you can have what

747

00:37:00,270 --> 00:36:57,070

amounts to interstellar transmission

748

00:37:03,210 --> 00:37:00,280

virus so it hasn't been 100% confirmed

749

00:37:06,510 --> 00:37:03,220

that you know virus or microbe bacteria

750

00:37:11,070 --> 00:37:06,520

microorganism has come from outer space

751

00:37:13,920 --> 00:37:11,080

but there are many scientists or at

752

00:37:16,140 --> 00:37:13,930

least a good number who and myself

753

00:37:21,440 --> 00:37:16,150

included strongly believe that this is

754

00:37:26,580 --> 00:37:21,450

occurring you can have a new virus that

755

00:37:28,550 --> 00:37:26,590

comes at Earth from outer space now you

756

00:37:31,980 --> 00:37:28,560

know if you look at some of the numbers

757

00:37:36,060 --> 00:37:31,990

on any given day there's about a hundred

758

00:37:40,080 --> 00:37:36,070

million viruses raining down per square

759

00:37:42,650 --> 00:37:40,090

meter of the Earth's surface so you know

760

00:37:46,170 --> 00:37:42,660

you could go out on the place

761

00:37:48,690 --> 00:37:46,180

unobstructed with sky set up with clay

762

00:37:50,820 --> 00:37:48,700

cocaine and a square meter and once I

763

00:37:54,790 --> 00:37:50,830

can get 100 million viruses that have

764

00:37:58,420 --> 00:37:54,800

rained down from the skies you know

765

00:38:02,109 --> 00:37:58,430

this is you know a major component of

766

00:38:05,980 --> 00:38:02,119

the theory of panspermia yes you know so

767

00:38:08,710 --> 00:38:05,990

I mean not only can it explain possibly

768

00:38:11,250 --> 00:38:08,720

the emergence of new viruses and

769

00:38:17,260 --> 00:38:11,260

especially pandemics they proved to be

770

00:38:18,910 --> 00:38:17,270

no exception lethal but actually you

771

00:38:21,400 --> 00:38:18,920

know that's the same kind of mechanism

772

00:38:28,720 --> 00:38:21,410

by which you could explain the origin of

773

00:38:30,250 --> 00:38:28,730

life on earth since we had just stumbled

774

00:38:32,500 --> 00:38:30,260

onto this and is definitely on the

775

00:38:35,109 --> 00:38:32,510

agenda let's talk about it while we're

776

00:38:39,160 --> 00:38:35,119

still in the first hour let's get into

777

00:38:42,550 --> 00:38:39,170

human DNA I understand your PhD thesis

778

00:38:44,470 --> 00:38:42,560

was on genetic manipulation of evolving

779

00:38:46,120 --> 00:38:44,480

humans and the idea that we were

780

00:38:48,730 --> 00:38:46,130

engineered in the ancient past

781

00:38:51,160 --> 00:38:48,740

possibly I've heard you say that the

782

00:38:53,320 --> 00:38:51,170

very same techniques and kind of

783

00:38:55,960 --> 00:38:53,330

artifacts of DNA editing that we use

784

00:38:58,330 --> 00:38:55,970

today can actually be seen in our

785

00:38:59,770 --> 00:38:58,340

genetic code somewhere this might relate

786

00:39:03,400 --> 00:38:59,780

to what you mentioned a few moments ago

787

00:39:07,060 --> 00:39:03,410

about retroviruses possibly leading to

788

00:39:08,740 --> 00:39:07,070

an alien hybrid DNA conclusion but how

789

00:39:11,740 --> 00:39:08,750

do you factor this kind of stuff into

790

00:39:13,990 --> 00:39:11,750

the human satori and what is the human

791

00:39:20,430 --> 00:39:14,000

story look like with this new context

792

00:39:25,570 --> 00:39:20,440

yeah and also just be completely clear

793

00:39:28,690 --> 00:39:25,580

so my thesis work was actually at that

794

00:39:32,400 --> 00:39:28,700

time I was just trying to explain via

795

00:39:36,970 --> 00:39:32,410

you know investigating the genome how

796

00:39:39,840 --> 00:39:36,980

you had a transition from an ape-like

797

00:39:42,950 --> 00:39:39,850

ancestor you know closely resembling

798

00:39:46,700 --> 00:39:42,960

c'mon babe check Lindsey

799

00:39:51,950 --> 00:39:46,710

to a human because the conventional

800

00:39:53,960 --> 00:39:51,960

evolutionary theory is that we share a

801
00:39:57,260 --> 00:39:53,970
common ancestry with the chimpanzee and

802
00:40:00,950 --> 00:39:57,270
so if you go back eight nine million

803
00:40:05,539 --> 00:40:00,960
years ago we actually came from the same

804
00:40:09,260 --> 00:40:05,549
population of apes but you know these

805
00:40:11,329 --> 00:40:09,270
populations split on one of them you

806
00:40:14,049 --> 00:40:11,339
know went on to become humans another

807
00:40:18,019 --> 00:40:14,059
one went on to become a modern-day

808
00:40:20,990 --> 00:40:18,029
chimpanzees and bonobos and you consider

809
00:40:24,079 --> 00:40:21,000
this particularly if you do an analysis

810
00:40:25,460 --> 00:40:24,089
of the genome so a comparative analysis

811
00:40:29,839 --> 00:40:25,470
of genomes between humans and

812
00:40:32,200 --> 00:40:29,849
chimpanzees because they have about

813
00:40:35,630 --> 00:40:32,210

ninety eight point nine percent

814

00:40:37,299 --> 00:40:35,640

similarity in that varies it can be you

815

00:40:40,849 --> 00:40:37,309

know give or take the higher lower

816

00:40:45,559 --> 00:40:40,859

percent similarity you know by maybe 0.5

817

00:40:48,650 --> 00:40:45,569

to 1 percent but it is is the number of

818

00:40:50,480 --> 00:40:48,660

potential variability between a human

819

00:40:52,640 --> 00:40:50,490

genome and a chimpanzee genome is no

820

00:40:55,660 --> 00:40:52,650

greater than the number of variability

821

00:40:59,420 --> 00:40:55,670

between one human individual and another

822

00:41:03,230 --> 00:40:59,430

so actually mean you can have the same

823

00:41:07,220 --> 00:41:03,240

amount of genetic diversity as I have

824

00:41:09,980 --> 00:41:07,230

with a given chimpanzee hide you know

825

00:41:15,410 --> 00:41:09,990

and what that means in plain English is

826

00:41:18,890 --> 00:41:15,420

that our genes or nearly identical with

827

00:41:21,500 --> 00:41:18,900

the chimpanzees now that's a little bit

828

00:41:24,650 --> 00:41:21,510

problematic given the conventional

829

00:41:27,829 --> 00:41:24,660

paradigm because genes or what are

830

00:41:30,380 --> 00:41:27,839

supposed to make you a unique species

831

00:41:35,089 --> 00:41:30,390

you know supposedly changes in the genes

832

00:41:37,370 --> 00:41:35,099

that lead you to become different from

833

00:41:39,410 --> 00:41:37,380

another population they haven't had the

834

00:41:42,740 --> 00:41:39,420

changes in the genes of Japan and that's

835

00:41:45,230 --> 00:41:42,750

the process of speciation so my thesis

836

00:41:47,510 --> 00:41:45,240

was well okay if the genes are identical

837

00:41:52,430 --> 00:41:47,520

how do we account for the differences

838

00:41:55,190 --> 00:41:52,440

and you know this is a pretty big bite

839

00:41:55,910 --> 00:41:55,200

to chew off because that you know part

840

00:41:58,380 --> 00:41:55,920

of that

841

00:42:01,710 --> 00:41:58,390

Fars explaining how

842

00:42:04,230 --> 00:42:01,720

genes produce an organism how'd you go

843

00:42:09,000 --> 00:42:04,240

from a genotype to phenotype which I

844

00:42:10,650 --> 00:42:09,010

have worked out to a large extent with

845

00:42:16,970 --> 00:42:10,660

you know explorations that you won't

846

00:42:21,000 --> 00:42:16,980

find in any biology lecture or textbook

847

00:42:23,730 --> 00:42:21,010

now it was in the course of doing this

848

00:42:27,359 --> 00:42:23,740

research that as I okay so it's not the

849

00:42:29,009 --> 00:42:27,369

gene coding regions well that's not that

850

00:42:33,309 --> 00:42:29,019

big a problem because the gene coding

851
00:42:37,390 --> 00:42:33,319
regions only account for 1% a genome

852
00:42:42,640 --> 00:42:37,400
so 99% of the genome are not canonical

853
00:42:46,819 --> 00:42:42,650
or conventional gene coding segments of

854
00:42:49,549 --> 00:42:46,829
DNA 99% is something else

855
00:42:54,259 --> 00:42:49,559
now that does have the historical

856
00:42:56,029 --> 00:42:54,269
misnomer of the joke DNA which today no

857
00:42:58,729 --> 00:42:56,039
molecular biologists and geneticists

858
00:43:01,880 --> 00:42:58,739
refers to is junk in a because it's

859
00:43:04,279 --> 00:43:01,890
known that it's anything but young

860
00:43:06,229 --> 00:43:04,289
contains extremely functional which

861
00:43:12,979 --> 00:43:06,239
should have been obvious in the story

862
00:43:15,529 --> 00:43:12,989
okay well so what is that other 99% well

863
00:43:19,669 --> 00:43:15,539

that is where a lot of the interesting

864

00:43:21,979 --> 00:43:19,679

stuff is located in particular you do a

865

00:43:24,309 --> 00:43:21,989

breakdown of it because you know we have

866

00:43:26,390 --> 00:43:24,319

whole genome sequences we've got the

867

00:43:28,729 --> 00:43:26,400

thousand human genome consortium

868

00:43:32,150 --> 00:43:28,739

sequence rotating from populations

869

00:43:35,479 --> 00:43:32,160

representing every major ethnographic

870

00:43:40,900 --> 00:43:35,489

group of humanity on the planet if you

871

00:43:43,360 --> 00:43:40,910

do an analysis of that it's about 50%

872

00:43:46,510 --> 00:43:43,370

retroviral DNA

873

00:43:49,210 --> 00:43:46,520

fifty percent of our genome which is

874

00:43:54,190 --> 00:43:49,220

about 1.5 billion nucleotides

875

00:43:58,690 --> 00:43:54,200

digitate is of external source

876

00:44:05,140 --> 00:43:58,700

it's retroviral DNA that was inserted

877

00:44:11,200 --> 00:44:05,150

into the genome now immediately this is

878

00:44:14,440 --> 00:44:11,210

a interesting point for me because I had

879

00:44:18,220 --> 00:44:14,450

done my Master's and applied recombinant

880

00:44:23,350 --> 00:44:18,230

DNA technology and what that is is that

881

00:44:25,480 --> 00:44:23,360

you use retroviruses to insert DNA into

882

00:44:26,670 --> 00:44:25,490

an organism to change its gene

883

00:44:31,500 --> 00:44:26,680

expression

884

00:44:35,620 --> 00:44:31,510

you know also even the gene therapy for

885

00:44:39,070 --> 00:44:35,630

humans the early practice of gene

886

00:44:42,820 --> 00:44:39,080

therapy use what's called a retro viral

887

00:44:48,970 --> 00:44:42,830

vector where use a retrovirus to insert

888

00:44:52,360 --> 00:44:48,980

a gene into the human genome so you're

889

00:44:54,880 --> 00:44:52,370

going to explain why humans are

890

00:44:58,560 --> 00:44:54,890

different from our closest genetic

891

00:45:03,520 --> 00:44:58,570

relatives chimpanzees and the answer is

892

00:45:04,210 --> 00:45:03,530

retro viral DNA insertion that's kind of

893

00:45:07,510 --> 00:45:04,220

interesting

894

00:45:11,530 --> 00:45:07,520

it absolutely is and does this retro

895

00:45:14,320 --> 00:45:11,540

virus DNA insertion happen naturally it

896

00:45:17,500 --> 00:45:14,330

seems like it could or does but is there

897

00:45:20,920 --> 00:45:17,510

something different about the the retro

898

00:45:22,540 --> 00:45:20,930

virus DNA insertion you're seen in the

899

00:45:26,350 --> 00:45:22,550

human code

900

00:45:28,750 --> 00:45:26,360

yeah yeah what so general the idea is

901
00:45:32,170 --> 00:45:28,760
that it does happen naturally because

902
00:45:36,640 --> 00:45:32,180
you know every well not only but most

903
00:45:39,160 --> 00:45:36,650
geneticists know that there are human

904
00:45:41,290 --> 00:45:39,170
endogenous retroviruses and I've got

905
00:45:43,810 --> 00:45:41,300
many of those know that it makes up the

906
00:45:46,870 --> 00:45:43,820
do percent of the genome but there's

907
00:45:50,440 --> 00:45:46,880
very few Affinia they know talking about

908
00:45:53,470 --> 00:45:50,450
you know genetic engineering in respect

909
00:45:55,480 --> 00:45:53,480
to that and because you know it's just

910
00:45:59,290 --> 00:45:55,490
what's given is the explanation is that

911
00:46:03,700 --> 00:45:59,300
well this is occurring naturally but

912
00:46:06,700 --> 00:46:03,710
there are some major problems with that

913
00:46:09,700 --> 00:46:06,710

occurring naturally first and foremost

914

00:46:15,310 --> 00:46:09,710

is that there's been no documented case

915

00:46:19,210 --> 00:46:15,320

of retro viral infection being inserted

916

00:46:23,280 --> 00:46:19,220

into the gametes the reproductive snails

917

00:46:26,110 --> 00:46:23,290

and passed on to the project so we don't

918

00:46:28,570 --> 00:46:26,120

see that happening naturally we haven't

919

00:46:30,880 --> 00:46:28,580

seen that happen naturally

920

00:46:33,030 --> 00:46:30,890

immediately that's the foundation that

921

00:46:37,330 --> 00:46:33,040

the naturalistic explanation wrestling

922

00:46:40,660 --> 00:46:37,340

and so maybe that does happen from time

923

00:46:44,310 --> 00:46:40,670

to time but there are problems with that

924

00:46:48,160 --> 00:46:44,320

is the naturalistic explanation because

925

00:46:50,920 --> 00:46:48,170

what happens when a retroviruses targets

926

00:46:54,100 --> 00:46:50,930

a particular cell you know so you can

927

00:46:58,090 --> 00:46:54,110

take the most well-known retrovirus the

928

00:47:01,720 --> 00:46:58,100

human immunodeficiency virus HIV which

929

00:47:04,210 --> 00:47:01,730

targets white blood cells so it binds to

930

00:47:07,540 --> 00:47:04,220

white blood cells inserts its genome

931

00:47:10,450 --> 00:47:07,550

into your genome in such as DNA into

932

00:47:12,520 --> 00:47:10,460

your TV and it takes up residence in

933

00:47:15,790 --> 00:47:12,530

there and what happens with white blood

934

00:47:17,830 --> 00:47:15,800

cells they die that's why you become

935

00:47:21,160 --> 00:47:17,840

immunodeficient is because the virus

936

00:47:25,450 --> 00:47:21,170

wipes out all themselves well if you

937

00:47:27,670 --> 00:47:25,460

have a retrovirus targeting the gametes

938

00:47:30,760 --> 00:47:27,680

the reproductive cells what's going to

939

00:47:33,490 --> 00:47:30,770

happen to those if the virus is

940

00:47:36,880 --> 00:47:33,500

spreading through them at a sufficient

941

00:47:39,490 --> 00:47:36,890

rate to insert the DNA into all the

942

00:47:43,000 --> 00:47:39,500

billions and billions gametes that it

943

00:47:45,850 --> 00:47:43,010

needs to you know to maintain its

944

00:47:49,870 --> 00:47:45,860

replication so cells are going to die

945

00:47:53,050 --> 00:47:49,880

hmm if an organism has a retrovirus

946

00:47:56,160 --> 00:47:53,060

taken out if the gametes it is sterile

947

00:47:59,020 --> 00:47:56,170

it's not going to pass on its DNA

948

00:48:00,400 --> 00:47:59,030

interesting so there's a little bit of a

949

00:48:04,830 --> 00:48:00,410

problem with the naturalistic

950

00:48:08,380 --> 00:48:04,840

explanation for how you get 1.5 billion

951
00:48:12,010 --> 00:48:08,390
nucleotides are made virus into the

952
00:48:14,500 --> 00:48:12,020
genome it gets passed down you know via

953
00:48:16,570 --> 00:48:14,510
inheritance so in layman's terms what

954
00:48:19,270 --> 00:48:16,580
would that mean if we're looking

955
00:48:22,900 --> 00:48:19,280
specifically at the reproductive organs

956
00:48:24,730 --> 00:48:22,910
and what you're seeing in them and we're

957
00:48:27,550 --> 00:48:24,740
putting this in the context of we were

958
00:48:28,960 --> 00:48:27,560
potentially engineered obviously we're

959
00:48:31,620 --> 00:48:28,970
able to mate

960
00:48:34,600 --> 00:48:31,630
today is that something that was

961
00:48:36,970 --> 00:48:34,610
engineered in us were we initially not

962
00:48:40,010 --> 00:48:36,980
able to do that is that am i hearing

963
00:48:42,410 --> 00:48:40,020

this right well you know

964

00:48:46,910 --> 00:48:42,420

it's just that that normal explanation

965

00:48:50,350 --> 00:48:46,920

probably is not accounting form you know

966

00:48:53,630 --> 00:48:50,360

the vast majority of where these

967

00:48:56,270 --> 00:48:53,640

retroviral sequences are coming from so

968

00:48:59,090 --> 00:48:56,280

if you do have other mechanisms like

969

00:49:01,160 --> 00:48:59,100

horizontal gene transfer and this is

970

00:49:06,200 --> 00:49:01,170

very important and actually it's what I

971

00:49:08,250 --> 00:49:06,210

was alluding to earlier on on the origin

972

00:49:11,640 --> 00:49:08,260

of ounces

973

00:49:16,890 --> 00:49:11,650

the large portion of one of ours is

974

00:49:19,859 --> 00:49:16,900

doing is exchanging DNA from neighbor to

975

00:49:22,859 --> 00:49:19,869

neighbor organism to organism what's

976

00:49:25,650 --> 00:49:22,869

called horizontal and that just refers

977

00:49:29,660 --> 00:49:25,660

to it's not DNA that's being passed on

978

00:49:34,710 --> 00:49:29,670

via reproduction the inheritance is

979

00:49:38,130 --> 00:49:34,720

jumping from one cell into another one

980

00:49:40,080 --> 00:49:38,140

body into another in a single lifetime

981

00:49:42,599 --> 00:49:40,090

and you know it can spread through an

982

00:49:46,280 --> 00:49:42,609

entire population that way and you know

983

00:49:52,120 --> 00:49:46,290

be inserted into the genome without

984

00:49:55,020 --> 00:49:52,130

causing problems with reproduction

985

00:49:57,460 --> 00:49:55,030

so this horizontal gene transfer

986

00:50:00,250 --> 00:49:57,470

mechanism is one way and it's kind of

987

00:50:03,870 --> 00:50:00,260

it's a natural type way that you can

988

00:50:12,250 --> 00:50:03,880

have retroviral gene spread through a

989

00:50:16,080 --> 00:50:12,260

population now this begins to get into

990

00:50:19,780 --> 00:50:16,090

some of the ideas of how these

991

00:50:26,340 --> 00:50:19,790

retroviral elements could be associated

992

00:50:30,570 --> 00:50:26,350

with actual directed engineering by an

993

00:50:34,320 --> 00:50:30,580

advanced extraterrestrial intelligence

994

00:50:37,720 --> 00:50:34,330

civilization because one thing that

995

00:50:42,030 --> 00:50:37,730

could potentially happen is that the

996

00:50:45,370 --> 00:50:42,040

same way that you could write a code to

997

00:50:48,280 --> 00:50:45,380

act as a virus name into the software of

998

00:50:50,650 --> 00:50:48,290

a computer and change its function you

999

00:50:52,990 --> 00:50:50,660

know obviously that's usually done for

1000

00:50:55,390 --> 00:50:53,000

the various purposes but the same way

1001
00:50:58,060 --> 00:50:55,400
you could do that you know write a code

1002
00:51:02,040 --> 00:50:58,070
send it out have a virus insert it into

1003
00:51:04,650 --> 00:51:02,050
a large number of computers you know a

1004
00:51:08,950 --> 00:51:04,660
advanced of extraterrestrial

1005
00:51:11,470 --> 00:51:08,960
civilization could see oh there's no

1006
00:51:16,420 --> 00:51:11,480
intelligent life over bahamas planet

1007
00:51:20,320 --> 00:51:16,430
Earth packaged up a program being a

1008
00:51:24,220 --> 00:51:20,330
program into a virus a retrovirus and

1009
00:51:28,030 --> 00:51:24,230
just send it out through space and you

1010
00:51:30,640 --> 00:51:28,040
know it comes raining down and once it

1011
00:51:33,010 --> 00:51:30,650
reaches their surface via this

1012
00:51:35,890 --> 00:51:33,020
horizontal gene transfer goes into the

1013
00:51:39,310 --> 00:51:35,900

human population inserts these novel

1014

00:51:42,220 --> 00:51:39,320

genes in there and directs that

1015

00:51:44,740 --> 00:51:42,230

evolutionary progression of that species

1016

00:51:46,390 --> 00:51:44,750

and yeah and then they dispense and

1017

00:51:49,000 --> 00:51:46,400

crafts out every once in a while to

1018

00:51:52,270 --> 00:51:49,010

check how it's progressing on the old

1019

00:51:53,620 --> 00:51:52,280

alien and farm here oh it's awesome man

1020

00:51:56,290 --> 00:51:53,630

because this is very much in line with

1021

00:51:58,840 --> 00:51:56,300

my thinking because I'm a big fan of the

1022

00:52:01,330 --> 00:51:58,850

genetic manipulation by aliens theory

1023

00:52:03,040 --> 00:52:01,340

but as I've gotten deeper into it I've

1024

00:52:04,840 --> 00:52:03,050

heard from others who look at it and say

1025

00:52:05,970 --> 00:52:04,850

yeah there might be something to it but

1026

00:52:08,190 --> 00:52:05,980

it's enough

1027

00:52:10,650 --> 00:52:08,200

materialism mistake to think that

1028

00:52:13,710 --> 00:52:10,660

physical beans came here and built us in

1029

00:52:16,109 --> 00:52:13,720

a Frankenstein sorta way and it's a lot

1030

00:52:19,049 --> 00:52:16,119

more likely that they sent out packets

1031

00:52:21,599 --> 00:52:19,059

of viruses or bacteria out into the

1032

00:52:24,510 --> 00:52:21,609

universe that could unpack themselves on

1033

00:52:26,160 --> 00:52:24,520

maybe any habitable planet or obviously

1034

00:52:28,410 --> 00:52:26,170

city obviously you could direct it here

1035

00:52:30,539 --> 00:52:28,420

if you knew there was life and it could

1036

00:52:32,789 --> 00:52:30,549

just kind of integrate and merge with

1037

00:52:35,880 --> 00:52:32,799

what's already here and I like that idea

1038

00:52:38,730 --> 00:52:35,890

too because it is a lot easier to send

1039

00:52:42,420 --> 00:52:38,740

out some sort of terraforming space

1040

00:52:44,400 --> 00:52:42,430

drones than it is to physically get to a

1041

00:52:47,370 --> 00:52:44,410

new place imagine setting up shop

1042

00:52:49,349 --> 00:52:47,380

physically on a new planet when all you

1043

00:52:51,500 --> 00:52:49,359

really have to do is send your virus

1044

00:52:53,910 --> 00:52:51,510

code there instead it's a lot more

1045

00:52:56,490 --> 00:52:53,920

nuanced it's it's something that a more

1046

00:52:58,470 --> 00:52:56,500

intelligent species would do rather than

1047

00:53:02,130 --> 00:52:58,480

having to physically be there to set it

1048

00:53:04,079 --> 00:53:02,140

all up and also accommodate themselves

1049

00:53:06,539 --> 00:53:04,089

and get their own resources for living

1050

00:53:08,730 --> 00:53:06,549

and in turn you know living and setting

1051
00:53:11,309 --> 00:53:08,740
up a society it takes a lot more work to

1052
00:53:13,289 --> 00:53:11,319
do that but this seems very much in line

1053
00:53:16,170 --> 00:53:13,299
with your thinking and I find it

1054
00:53:19,440 --> 00:53:16,180
exciting yeah well you know there's

1055
00:53:23,849 --> 00:53:19,450
interesting line of thoughts along that

1056
00:53:26,010 --> 00:53:23,859
kind of model if you will emit if you

1057
00:53:28,529 --> 00:53:26,020
look age you know some of the

1058
00:53:30,680 --> 00:53:28,539
projections for Sol you know this is

1059
00:53:33,480 --> 00:53:30,690
gonna be a you know high-level

1060
00:53:36,750 --> 00:53:33,490
perspective big picture kind of a view

1061
00:53:39,450 --> 00:53:36,760
if you take some of the ideas of where

1062
00:53:41,250 --> 00:53:39,460
the universe is going alternately you

1063
00:53:44,039 --> 00:53:41,260

know the evolution of the universe the

1064

00:53:48,450 --> 00:53:44,049

main idea to say well it ends in a heat

1065

00:53:51,410 --> 00:53:48,460

death and tropic eat myth now if you're

1066

00:53:53,880 --> 00:53:51,420

in advanced civilization you might

1067

00:53:56,730 --> 00:53:53,890

understand that okay so entropy is

1068

00:54:01,109 --> 00:53:56,740

increasing and eventually

1069

00:54:03,780 --> 00:54:01,119

it'll be all entropy and the universe

1070

00:54:07,079 --> 00:54:03,790

will suffer the death well one way to

1071

00:54:10,520 --> 00:54:07,089

reverse the increase in entropy is to

1072

00:54:14,250 --> 00:54:10,530

increase the intelligence of the system

1073

00:54:17,430 --> 00:54:14,260

so if you can increase intelligence and

1074

00:54:20,190 --> 00:54:17,440

consciousness in the universe you can

1075

00:54:26,010 --> 00:54:20,200

stop that progression of the entropic

1076

00:54:30,720 --> 00:54:26,020

increase even reverse it and so what

1077

00:54:35,370 --> 00:54:30,730

might be a motivation of a advanced

1078

00:54:39,120 --> 00:54:35,380

intelligent civilization

1079

00:54:42,170 --> 00:54:39,130

to send out his borrow packets into the

1080

00:54:45,980 --> 00:54:42,180

galaxy that are programmed to make

1081

00:54:50,930 --> 00:54:45,990

intelligent species really intelligence

1082

00:54:52,859 --> 00:54:50,940

well it's to increase the overall

1083

00:54:58,079 --> 00:54:52,869

intelligence and consciousness of the

1084

00:55:01,529 --> 00:54:58,089

universe itself you know so you drive

1085

00:55:05,039 --> 00:55:01,539

you help to drive the universe into a

1086

00:55:10,200 --> 00:55:05,049

state of greater coherence greater

1087

00:55:13,289 --> 00:55:10,210

systems coherence and actually lower the

1088

00:55:16,339 --> 00:55:13,299

entropic value and I mean it can

1089

00:55:18,599 --> 00:55:16,349

actually go so far as you know if the

1090

00:55:22,640 --> 00:55:18,609

intelligence and consciousness of the

1091

00:55:25,319 --> 00:55:22,650

universe increases such an extent via

1092

00:55:27,809 --> 00:55:25,329

accelerating the intelligent evolution

1093

00:55:30,900 --> 00:55:27,819

of species on other planets if it is is

1094

00:55:35,359 --> 00:55:30,910

at the point you can actually make new

1095

00:55:38,970 --> 00:55:35,369

universes that are optimally biophilic

1096

00:55:41,900 --> 00:55:38,980

so the big picture perspective on this

1097

00:55:47,190 --> 00:55:41,910

can actually get into some interesting

1098

00:55:49,410 --> 00:55:47,200

ideas mechanisms yes I can I like it man

1099

00:55:51,240 --> 00:55:49,420

this is kind of we're already at the

1100

00:55:54,480 --> 00:55:51,250

farthest edge of how I've been able to

1101

00:55:56,430 --> 00:55:54,490

process the alien-human hybrid DNA thing

1102

00:55:58,980 --> 00:55:56,440

but at one point I was very much into

1103

00:56:01,109 --> 00:55:58,990

Michael telling jurors work and the idea

1104

00:56:03,599 --> 00:56:01,119

that we were genetically tweaked to be a

1105

00:56:06,809 --> 00:56:03,609

slave species and that jives a lot with

1106

00:56:10,019 --> 00:56:06,819

my thoughts about just conspiratorial

1107

00:56:12,029 --> 00:56:10,029

mekka Nations and the way people seem to

1108

00:56:14,700 --> 00:56:12,039

process them or just be oblivious to

1109

00:56:16,970 --> 00:56:14,710

them and just follow any damn order that

1110

00:56:20,009 --> 00:56:16,980

comes across that TV screen we seem

1111

00:56:22,380 --> 00:56:20,019

pre-programmed to just say okay whatever

1112

00:56:24,650 --> 00:56:22,390

you need me to do boss and you know

1113

00:56:27,120 --> 00:56:24,660

there's the whole nurture versus nature

1114

00:56:27,690 --> 00:56:27,130

argument and it might be just baked

1115

00:56:29,519 --> 00:56:27,700

right in

1116

00:56:32,370 --> 00:56:29,529

but even if you wanted to engineer a

1117

00:56:36,259 --> 00:56:32,380

slave species again you could send out

1118

00:56:38,849 --> 00:56:36,269

this packet of viruses in advance and

1119

00:56:40,799 --> 00:56:38,859

then just show up when everybody's ready

1120

00:56:44,400 --> 00:56:40,809

to pick up their shovels and take orders

1121

00:56:46,049 --> 00:56:44,410

yeah you know even Gore still Michael

1122

00:56:48,120 --> 00:56:46,059

Condrey didn't use that really good

1123

00:56:48,810 --> 00:56:48,130

friend of mine I got to spend time with

1124

00:56:51,780 --> 00:56:48,820

him

1125

00:56:55,110 --> 00:56:51,790

down at Adams calendar presented in one

1126

00:56:59,670 --> 00:56:55,120

of his conferences just a fantastic time

1127

00:57:04,140 --> 00:56:59,680

within but if anything you probably have

1128

00:57:07,730 --> 00:57:04,150

more than one advanced extraterrestrial

1129

00:57:14,130 --> 00:57:07,740

intelligence population group out there

1130

00:57:17,820 --> 00:57:14,140

so if anything probably the directed

1131

00:57:20,070 --> 00:57:17,830

evolution of the human populations on

1132

00:57:22,410 --> 00:57:20,080

earth had probably been underway for a

1133

00:57:26,000 --> 00:57:22,420

good couple hundred thousands of years

1134

00:57:29,460 --> 00:57:26,010

and then you could have a more

1135

00:57:32,190 --> 00:57:29,470

controlling or even nefarious type

1136

00:57:35,130 --> 00:57:32,200

intelligent group civilization that

1137

00:57:37,860 --> 00:57:35,140

comes in and does some tweaking to make

1138

00:57:41,240 --> 00:57:37,870

one of the populations not like a slave

1139

00:57:45,360 --> 00:57:41,250

species if anything that's probably

1140

00:57:49,130 --> 00:57:45,370

closest to what matches with that line

1141

00:57:51,769 --> 00:57:49,140

of thinking exact riah Sitchin's work

1142

00:57:57,309 --> 00:57:51,779

infadoos could get more convoluted

1143

00:58:00,890 --> 00:57:57,319

because you undoubtedly have multiple

1144

00:58:05,329 --> 00:58:00,900

different groups different civilizations

1145

00:58:07,400 --> 00:58:05,339

that are involved a center action yeah I

1146

00:58:10,910 --> 00:58:07,410

think that's pretty fascinating it's a

1147

00:58:13,759 --> 00:58:10,920

giant alien DNA human engineering soup

1148

00:58:15,349 --> 00:58:13,769

out there and maybe it's happened many

1149

00:58:18,440 --> 00:58:15,359

times I mean the human story is quite

1150

00:58:19,819 --> 00:58:18,450

long and before we run out of time I

1151

00:58:21,769 --> 00:58:19,829

wanted to bring it back to the

1152

00:58:22,910 --> 00:58:21,779

coronavirus thing a little bit more I

1153

00:58:25,190 --> 00:58:22,920

don't want to lean too hard on

1154

00:58:26,750 --> 00:58:25,200

coronavirus centric coverage because I

1155

00:58:28,700 --> 00:58:26,760

do think people are getting fatigued by

1156

00:58:30,380 --> 00:58:28,710

it and if we talk about health and

1157

00:58:32,059 --> 00:58:30,390

wellness in general it makes for an

1158

00:58:34,339 --> 00:58:32,069

interview that still has a lot of value

1159

00:58:37,549 --> 00:58:34,349

even when this thing passes but you did

1160

00:58:39,380 --> 00:58:37,559

tell me you're approaching this kovat 19

1161

00:58:42,859 --> 00:58:39,390

thing way differently than the

1162

00:58:45,079 --> 00:58:42,869

mainstream's quest for a vaccine or the

1163

00:58:47,150 --> 00:58:45,089

use of harsh drugs with pretty scary

1164

00:58:49,359 --> 00:58:47,160

side-effects you mentioned the risk of

1165

00:58:52,099 --> 00:58:49,369

blindness in the case of

1166

00:58:55,339 --> 00:58:52,109

hydroxychloroquine well what have you

1167

00:58:57,950 --> 00:58:55,349

been seeing with light and frequency

1168

00:58:59,720 --> 00:58:57,960

based approaches to this specific

1169

00:59:02,480 --> 00:58:59,730

situation because you did describe some

1170

00:59:05,480 --> 00:59:02,490

details that were pretty interesting and

1171

00:59:11,720 --> 00:59:05,490

it seems like this might be a better way

1172

00:59:15,430 --> 00:59:11,730

to go about it yeah so very early on we

1173

00:59:18,200 --> 00:59:15,440

were investigating in approach using

1174

00:59:22,839 --> 00:59:18,210

energy therapeutics you know there's an

1175

00:59:27,740 --> 00:59:22,849

energetic approach to neutralize and

1176

00:59:29,580 --> 00:59:27,750

destroy the virus either being that we

1177

00:59:32,490 --> 00:59:29,590

could design

1178

00:59:36,360 --> 00:59:32,500

an electromagnetic system that would

1179

00:59:42,600 --> 00:59:36,370

specifically target the virus and would

1180

00:59:46,290 --> 00:59:42,610

have minimal to no side effects on human

1181

00:59:49,430 --> 00:59:46,300

hosts or humans in the environment which

1182

00:59:54,780 --> 00:59:49,440

is saw this is potentially much more

1183

00:59:58,010 --> 00:59:54,790

effective and safer means than the more

1184

01:00:01,320 --> 00:59:58,020

traditional approaches certainly more

1185

01:00:04,590 --> 01:00:01,330

helpful than quarantine an entire

1186

01:00:08,910 --> 01:00:04,600

population you know if something quickly

1187

01:00:12,120 --> 01:00:08,920

designed to avoid that problem because

1188

01:00:16,200 --> 01:00:12,130

you know that isn't going to be solved

1189

01:00:19,410 --> 01:00:16,210

with a vaccine that has been and

1190

01:00:23,520 --> 01:00:19,420

continues to be touted as the solution

1191

01:00:24,990 --> 01:00:23,530

to the quantum that people are going to

1192

01:00:27,870 --> 01:00:25,000

be allowed to come out of their homes

1193

01:00:31,050 --> 01:00:27,880

once we have neck seen but you know

1194

01:00:34,830 --> 01:00:31,060

there's definitely an agenda going on

1195

01:00:37,710 --> 01:00:34,840

with that right because one thing how

1196

01:00:40,740 --> 01:00:37,720

good is the vaccine against the common

1197

01:00:43,170 --> 01:00:40,750

cold not very good considering that

1198

01:00:45,570 --> 01:00:43,180

there isn't one right because because

1199

01:00:46,790 --> 01:00:45,580

you can't make a vaccine for the common

1200

01:00:49,550 --> 01:00:46,800

cold

1201

01:00:53,330 --> 01:00:49,560

the vaccine for influenza is like 20

1202

01:00:56,300 --> 01:00:53,340

percent effective and it also happens to

1203

01:00:59,360 --> 01:00:56,310

increase the likelihood of getting other

1204

01:01:02,359 --> 01:00:59,370

respiratory viral infections like corona

1205

01:01:05,089 --> 01:01:02,369

virus yes so

1206

01:01:06,759 --> 01:01:05,099

that thing is not going to solve this

1207

01:01:10,249 --> 01:01:06,769

problem you know with so many big

1208

01:01:12,949 --> 01:01:10,259

there's even some question about how big

1209

01:01:14,749 --> 01:01:12,959

a problem is it in how you know right I

1210

01:01:17,479 --> 01:01:14,759

mean do you really actually need

1211

01:01:19,429 --> 01:01:17,489

anything at all you know early on the

1212

01:01:22,249 --> 01:01:19,439

accounts we were seeing maybe look I

1213

01:01:24,890 --> 01:01:22,259

didn't know was very serious but I think

1214

01:01:27,380 --> 01:01:24,900

that a lot of that was overblown and

1215

01:01:31,339 --> 01:01:27,390

actually result of having not fully

1216

01:01:34,910 --> 01:01:31,349

understood the virus but one of the

1217

01:01:38,589 --> 01:01:34,920

things that you can do is what's called

1218

01:01:42,859 --> 01:01:38,599

a structural resonance energy transfer

1219

01:01:45,729 --> 01:01:42,869

SR ET and this is a pretty well known

1220

01:01:49,069 --> 01:01:45,739

phenomenon pretty well known mechanism

1221

01:01:52,039 --> 01:01:49,079

actually it's how microwaves work you

1222

01:01:55,400 --> 01:01:52,049

heat up your food great yeah you know

1223

01:02:00,469 --> 01:01:55,410

the microwaves in your kitchen or making

1224

01:02:03,650 --> 01:02:00,479

a wave link there is at a specific size

1225

01:02:08,239 --> 01:02:03,660

that interacts specifically with water

1226

01:02:12,019 --> 01:02:08,249

molecule and basically that microwave

1227

01:02:15,890 --> 01:02:12,029

photon is converted directly into a

1228

01:02:18,769 --> 01:02:15,900

phonon that's a physical mechanical

1229

01:02:22,249 --> 01:02:18,779

oscillation like a sound wave it's an

1230

01:02:25,130 --> 01:02:22,259

acoustic oscillation so basically you're

1231

01:02:29,630 --> 01:02:25,140

converting the light and the sound but

1232

01:02:32,630 --> 01:02:29,640

that vibratory motion mechanical

1233

01:02:35,689 --> 01:02:32,640

oscillation of the molecule is also what

1234

01:02:38,959 --> 01:02:35,699

we call heat you notice it is molecules

1235

01:02:42,829 --> 01:02:38,969

vibrating very quickly and so you know

1236

01:02:44,460 --> 01:02:42,839

when you directly transfer a photon into

1237

01:02:47,310 --> 01:02:44,470

a photon

1238

01:02:49,620 --> 01:02:47,320

that transfer results in heat and so you

1239

01:02:52,440 --> 01:02:49,630

can heat up your food well you can

1240

01:02:56,430 --> 01:02:52,450

adjust that wavelength so in the

1241

01:02:58,170 --> 01:02:56,440

microwave it's tuned to resonate have a

1242

01:03:02,160 --> 01:02:58,180

structural resonance energy transfer

1243

01:03:04,920 --> 01:03:02,170

with a water molecule you can change

1244

01:03:08,339 --> 01:03:04,930

that wavelength so there'd be a bigger

1245

01:03:09,870 --> 01:03:08,349

way from them so that it doesn't affect

1246

01:03:12,330 --> 01:03:09,880

water at all there's no structural

1247

01:03:15,300 --> 01:03:12,340

resonance transmission and that's good

1248

01:03:18,839 --> 01:03:15,310

because if there was it'd be extremely

1249

01:03:19,620 --> 01:03:18,849

harmful to the human body right seventy

1250

01:03:22,140 --> 01:03:19,630

percent water

1251
01:03:24,109 --> 01:03:22,150
keep your tape but you make that

1252
01:03:27,300 --> 01:03:24,119
wavelength a little bit larger and

1253
01:03:29,640 --> 01:03:27,310
actually at just the right size so that

1254
01:03:32,820 --> 01:03:29,650
it has structural resonance energy

1255
01:03:36,850 --> 01:03:32,830
transfer with something the size of a

1256
01:03:39,550 --> 01:03:36,860
virus it's about 20 to 200 nanometers

1257
01:03:42,190 --> 01:03:39,560
so there is actually kind of a range so

1258
01:03:43,240 --> 01:03:42,200
you know there's just millions of

1259
01:03:46,750 --> 01:03:43,250
millions of different kinds of viruses

1260
01:03:52,360 --> 01:03:46,760
of different kinds of sizes but you know

1261
01:03:55,720 --> 01:03:52,370
each specific virus every very on has an

1262
01:04:00,910 --> 01:03:55,730
exact dimensionality to it and also of

1263
01:04:04,960 --> 01:04:00,920

every coronavirus of the coded 19 class

1264

01:04:07,600 --> 01:04:04,970

has an exact dimension just you know the

1265

01:04:11,820 --> 01:04:07,610

diameter let's say so you just scale

1266

01:04:14,500 --> 01:04:11,830

your microwave so that it matches that

1267

01:04:15,820 --> 01:04:14,510

dimension that diameter so the

1268

01:04:18,370 --> 01:04:15,830

wavelength is comparable to that

1269

01:04:21,940 --> 01:04:18,380

diameter you have a structural resonance

1270

01:04:24,970 --> 01:04:21,950

energy transfer to the very young only

1271

01:04:26,970 --> 01:04:24,980

to the very young it's it up and you

1272

01:04:30,460 --> 01:04:26,980

have what's called photothermal mices

1273

01:04:34,120 --> 01:04:30,470

the fires quickly denatures it

1274

01:04:37,630 --> 01:04:34,130

essentially D structures the capital and

1275

01:04:40,510 --> 01:04:37,640

the membrane burst open and the virus is

1276

01:04:42,310 --> 01:04:40,520

dead you know if those things are kind

1277

01:04:45,970 --> 01:04:42,320

of aligned between what we consider

1278

01:04:48,320 --> 01:04:45,980

alive and dead its inactivated kind a

1279

01:04:51,830 --> 01:04:48,330

better term fort

1280

01:04:56,810 --> 01:04:51,840

but you could do that in terms of the

1281

01:05:00,950 --> 01:04:56,820

external environment with minimal side

1282

01:05:02,390 --> 01:05:00,960

effects to a person especially if you

1283

01:05:02,840 --> 01:05:02,400

made what's kind of called like a maze

1284

01:05:06,230 --> 01:05:02,850

allure

1285

01:05:09,680 --> 01:05:06,240

that's a microwave laser so you get a

1286

01:05:12,440 --> 01:05:09,690

collimated beam it is just like laser

1287

01:05:15,470 --> 01:05:12,450

light if you're standing to the right of

1288

01:05:17,420 --> 01:05:15,480

that light beam no lights hitting you or

1289

01:05:19,130 --> 01:05:17,430

you can do that with this microwave and

1290

01:05:22,670 --> 01:05:19,140

just kind of go into a room and just

1291

01:05:24,380 --> 01:05:22,680

completely sterilize it 100% or you know

1292

01:05:27,410 --> 01:05:24,390

if no humans are present just have an

1293

01:05:30,560 --> 01:05:27,420

omnidirectional emission and just

1294

01:05:33,680 --> 01:05:30,570

sterilize every single potential surface

1295

01:05:39,080 --> 01:05:33,690

around just to total take it out put in

1296

01:05:42,590 --> 01:05:39,090

for inside the body you can do much a

1297

01:05:47,410 --> 01:05:42,600

similar thing but you do start to get

1298

01:05:51,700 --> 01:05:47,420

into comes with absorption of the

1299

01:05:54,310 --> 01:05:51,710

microwaves by the extracellular tissue

1300

01:05:57,800 --> 01:05:54,320

the interstitial fluids of the body

1301

01:06:01,010 --> 01:05:57,810

which could have some negative impact on

1302

01:06:03,470 --> 01:06:01,020

them but also lower the efficacy of that

1303

01:06:06,880 --> 01:06:03,480

for directly treating the party but you

1304

01:06:09,890 --> 01:06:06,890

can change instead of making the

1305

01:06:15,130 --> 01:06:09,900

wavelength match the resonant frequency

1306

01:06:19,400 --> 01:06:15,140

of the virus you can also adjust the

1307

01:06:23,330 --> 01:06:19,410

timing of the pulses of the

1308

01:06:26,390 --> 01:06:23,340

electromagnetic wave so you know this is

1309

01:06:28,430 --> 01:06:26,400

frequency so you can change the

1310

01:06:31,460 --> 01:06:28,440

frequency via change the wavelength or

1311

01:06:35,390 --> 01:06:31,470

you can change the frequency by having

1312

01:06:37,750 --> 01:06:35,400

extremely short pulses and actually like

1313

01:06:41,270 --> 01:06:37,760

when I say extremely short they called

1314

01:06:44,690 --> 01:06:41,280

finto syncing pulses you know so you've

1315

01:06:46,960 --> 01:06:44,700

got millisecond microsecond you notice

1316

01:06:50,870 --> 01:06:46,970

the millionths of a second

1317

01:06:53,780 --> 01:06:50,880

and now you get into the femto seconds

1318

01:06:59,120 --> 01:06:53,790

which are billions of times a second

1319

01:07:01,590 --> 01:06:59,130

damn yeah you could set these lasers so

1320

01:07:05,040 --> 01:07:01,600

that they're having a specific

1321

01:07:08,940 --> 01:07:05,050

pulse rate frequency pay induces

1322

01:07:13,650 --> 01:07:08,950

photothermal Isis and sit to without

1323

01:07:18,450 --> 01:07:13,660

problems of absorption or having impacts

1324

01:07:23,400 --> 01:07:18,460

on the bottom so these are all things

1325

01:07:25,800 --> 01:07:23,410

that were exploring and actually gearing

1326

01:07:28,950 --> 01:07:25,810

up to develop because you know it's not

1327

01:07:32,280 --> 01:07:28,960

just about this particular pandemic

1328

01:07:35,400 --> 01:07:32,290

because there's a whole lot of weird

1329

01:07:38,370 --> 01:07:35,410

stuff going on if this and image but you

1330

01:07:41,670 --> 01:07:38,380

know as I had says though natural

1331

01:07:43,740 --> 01:07:41,680

pandemics do occur yeah people get sick

1332

01:07:46,950 --> 01:07:43,750

people get into states of disease and

1333

01:07:48,990 --> 01:07:46,960

healing technologies can apply to much

1334

01:07:51,780 --> 01:07:49,000

more than the current situation yeah

1335

01:07:54,300 --> 01:07:51,790

yeah totally and that's something about

1336

01:07:57,560 --> 01:07:54,310

this is that it's a universal

1337

01:08:00,480 --> 01:07:57,570

application not like a vaccine or drug

1338

01:08:03,660 --> 01:08:00,490

because we just adjust the wavelength

1339

01:08:07,410 --> 01:08:03,670

you just adjust the pulse rate

1340

01:08:10,760 --> 01:08:07,420

so that it matches whatever bug it's

1341

01:08:12,720 --> 01:08:10,770

causing the problem and you lice the law

1342

01:08:15,240 --> 01:08:12,730

it's starting to sound a little bit like

1343

01:08:18,749 --> 01:08:15,250

royal Raymond rife it sounds oh yeah

1344

01:08:20,939 --> 01:08:18,759

well you know he was right you know it

1345

01:08:24,749 --> 01:08:20,949

only took about a hundred years for him

1346

01:08:27,110 --> 01:08:24,759

to be vindicated because now what he was

1347

01:08:30,450 --> 01:08:27,120

doing is pretty much a part of

1348

01:08:33,439 --> 01:08:30,460

mainstream understanding it's like

1349

01:08:37,910 --> 01:08:33,449

absolutely you know using the right

1350

01:08:40,919 --> 01:08:37,920

frequency light even sound you can

1351

01:08:43,890 --> 01:08:40,929

destroy a virus the pathogen even a

1352

01:08:47,999 --> 01:08:43,900

cancer yeah it seems like so much of

1353

01:08:51,630 --> 01:08:48,009

life is based in electrical systems and

1354

01:08:53,519 --> 01:08:51,640

energy and frequency and those are the

1355

01:08:55,709 --> 01:08:53,529

components that aren't really in our

1356

01:08:57,240 --> 01:08:55,719

medical system check out the Gates

1357

01:08:59,070 --> 01:08:57,250

Foundation doesn't make money off

1358

01:09:01,459 --> 01:08:59,080

frequency based technologies and they

1359

01:09:06,599 --> 01:09:01,469

might be more inclined because they work

1360

01:09:08,669 --> 01:09:06,609

but man this has been a lot of fun and

1361

01:09:10,590 --> 01:09:08,679

just before we go as we're wrapping this

1362

01:09:12,840 --> 01:09:10,600

if I wanted to ask you about torus Tech

1363

01:09:15,450 --> 01:09:12,850

this seems to maybe be the commercial

1364

01:09:18,300 --> 01:09:15,460

side of the resonance Science Foundation

1365

01:09:20,820 --> 01:09:18,310

or at least they're in alignment where

1366

01:09:22,829 --> 01:09:20,830

you know we see proof-of-concept devices

1367

01:09:25,380 --> 01:09:22,839

are being developed based off and it

1368

01:09:27,269 --> 01:09:25,390

seems unified physics what do you find

1369

01:09:30,090 --> 01:09:27,279

most exciting about what's being

1370

01:09:31,860 --> 01:09:30,100

developed at torus Tech what do you

1371

01:09:35,189 --> 01:09:31,870

think people could look forward to

1372

01:09:38,280 --> 01:09:35,199

actually purchasing or integrating into

1373

01:09:40,740 --> 01:09:38,290

their own health repertoire or even

1374

01:09:42,840 --> 01:09:40,750

energy based kind of stuff but what is

1375

01:09:46,410 --> 01:09:42,850

torus tech working on that you find most

1376

01:09:49,709 --> 01:09:46,420

exciting yeah yeah so the resident

1377

01:09:52,650 --> 01:09:49,719

Science Foundation is the educational

1378

01:09:55,229 --> 01:09:52,660

platform you know it's where we connect

1379

01:09:57,419 --> 01:09:55,239

with the community a scientific

1380

01:10:00,870 --> 01:09:57,429

community the general population you

1381

01:10:02,220 --> 01:10:00,880

know to share the information the

1382

01:10:05,120 --> 01:10:02,230

knowledge the research that we're

1383

01:10:09,689 --> 01:10:05,130

working on and even though we have the

1384

01:10:11,860 --> 01:10:09,699

unified Science Academy which measures

1385

01:10:13,840 --> 01:10:11,870

that knows how free

1386

01:10:16,900 --> 01:10:13,850

which has you know entire courses

1387

01:10:19,660 --> 01:10:16,910

teaching call effect or graphic unified

1388

01:10:22,300 --> 01:10:19,670

physics hey I even have a course big

1389

01:10:25,600 --> 01:10:22,310

questions course which you know extends

1390

01:10:27,270 --> 01:10:25,610

that unified physics into a synthesis in

1391

01:10:31,120 --> 01:10:27,280

into the fly science know about

1392

01:10:33,520 --> 01:10:31,130

incorporating in the application and the

1393

01:10:36,070 --> 01:10:33,530

biological system and not understanding

1394

01:10:36,970 --> 01:10:36,080

them the biological system but

1395

01:10:39,910 --> 01:10:36,980

tourist-type

1396

01:10:43,540 --> 01:10:39,920

is where actually the research is being

1397

01:10:46,720 --> 01:10:43,550

performed and that research has been

1398

01:10:49,090 --> 01:10:46,730

applied in the development of specific

1399

01:10:53,110 --> 01:10:49,100

technologies based on that research so

1400

01:10:56,890 --> 01:10:53,120

it's really it's the or D wing of the

1401

01:11:00,370 --> 01:10:56,900

RSF what started as just more vet

1402

01:11:02,650 --> 01:11:00,380

educational than him but he's been in

1403

01:11:04,480 --> 01:11:02,660

the vector since he started you know

1404

01:11:08,910 --> 01:11:04,490

he's been invented suffered 30-plus

1405

01:11:12,030 --> 01:11:08,920

years for me undoubtedly the most

1406

01:11:17,050 --> 01:11:12,040

exciting thing being worked on here is

1407

01:11:19,840 --> 01:11:17,060

anti-gravitational technology so you

1408

01:11:22,120 --> 01:11:19,850

know I'm I'm a biologist molecular

1409

01:11:25,510 --> 01:11:22,130

biologists pumpkin biologists whatever

1410

01:11:29,230 --> 01:11:25,520

but what gets me probably most excited

1411

01:11:33,150 --> 01:11:29,240

is anti-gravitational science you know

1412

01:11:37,660 --> 01:11:33,160

yeah that's some extremely interesting

1413

01:11:40,900 --> 01:11:37,670

stuff and it's you know what is being

1414

01:11:46,260 --> 01:11:40,910

worked on and developed here that's the

1415

01:11:50,770 --> 01:11:46,270

primary focus is to generate our

1416

01:11:53,920 --> 01:11:50,780

technology that acts on the energetic

1417

01:11:56,200 --> 01:11:53,930

structure of space and you know this is

1418

01:11:58,260 --> 01:11:56,210

the energetic structure space is

1419

01:12:01,270 --> 01:11:58,270

sometimes also called the quantum vacuum

1420

01:12:04,480 --> 01:12:01,280

this is quantum vacuum engineering

1421

01:12:07,570 --> 01:12:04,490

there's also especially historically

1422

01:12:11,560 --> 01:12:07,580

known as the ether or the luminiferous

1423

01:12:13,930 --> 01:12:11,570

ether and actually there's a fantastic

1424

01:12:16,630 --> 01:12:13,940

lecture by the Nobel prize-winning

1425

01:12:20,189 --> 01:12:16,640

physicist will check called the

1426

01:12:22,469 --> 01:12:20,199

materiality of vacuum

1427

01:12:26,790 --> 01:12:22,479

my favorite quote from that is when he

1428

01:12:28,199 --> 01:12:26,800

says we are a theory beans because he

1429

01:12:31,580 --> 01:12:28,209

was explaining to a roomful of

1430

01:12:36,629 --> 01:12:31,590

physicists that we are made out of ether

1431

01:12:41,129 --> 01:12:36,639

we are the as is everything

1432

01:12:44,959 --> 01:12:41,139

and the ether is what is producing the

1433

01:12:47,370 --> 01:12:44,969

forces that physical forces of our world

1434

01:12:49,679 --> 01:12:47,380

the dynamics of the ether or what

1435

01:12:51,419 --> 01:12:49,689

produce strong forms the great force

1436

01:12:54,449 --> 01:12:51,429

electromagnetism and most importantly

1437

01:12:59,189 --> 01:12:54,459

well for the research we're doing here

1438

01:13:02,009 --> 01:12:59,199

gravity and so because all four of these

1439

01:13:04,350 --> 01:13:02,019

forces have a single foundation in the

1440

01:13:09,350 --> 01:13:04,360

dynamics of the energetic structure of

1441

01:13:12,029 --> 01:13:09,360

space the geometry of space you can use

1442

01:13:16,839 --> 01:13:12,039

electromagnetism to change the

1443

01:13:20,080 --> 01:13:16,849

gravitational properties of an object

1444

01:13:23,459 --> 01:13:20,090

it's actually for the uncoated stein

1445

01:13:28,560 --> 01:13:23,469

Zelda Beck effect where you can actually

1446

01:13:32,379 --> 01:13:28,570

generate gravitational waves the passing

1447

01:13:36,339 --> 01:13:32,389

polarized electromagnetic field through

1448

01:13:38,170 --> 01:13:36,349

a strong magnetic field at a particular

1449

01:13:41,620 --> 01:13:38,180

orientation

1450

01:13:45,220 --> 01:13:41,630

so already vacuum engineering has been

1451

01:13:49,260 --> 01:13:45,230

around since the 60s that I particularly

1452

01:13:53,020 --> 01:13:49,270

think where you know you can use

1453

01:13:57,160 --> 01:13:53,030

electromagnetism and magnetics to change

1454

01:14:00,310 --> 01:13:57,170

the geometry of space ie modulate the

1455

01:14:05,470 --> 01:14:00,320

gravitational properties of an object

1456

01:14:09,940 --> 01:14:05,480

and material and so that is the main

1457

01:14:12,910 --> 01:14:09,950

thrust here is to use plasma

1458

01:14:19,450 --> 01:14:12,920

hydrodynamics on strong electromagnetic

1459

01:14:23,920 --> 01:14:19,460

fields magnetism to change the structure

1460

01:14:28,290 --> 01:14:23,930

or the geometry of space to change the

1461

01:14:32,410 --> 01:14:28,300

inertial mass of an object and produce

1462

01:14:35,260 --> 01:14:32,420

what is commonly called anti-gravity

1463

01:14:38,470 --> 01:14:35,270

although it's not exactly anti-gravity

1464

01:14:42,010 --> 01:14:38,480

is gravitational control you can just

1465

01:14:46,900 --> 01:14:42,020

change how an object is interacting with

1466

01:14:49,090 --> 01:14:46,910

the gravitational field and produce one

1467

01:14:53,590 --> 01:14:49,100

looks like levitation room basically

1468

01:14:56,290 --> 01:14:53,600

reduce thrust and the same way that you

1469

01:14:58,930 --> 01:14:56,300

do that so here you're tapping the

1470

01:15:02,260 --> 01:14:58,940

energetic structure of space so you're

1471

01:15:05,320 --> 01:15:02,270

coupling with you and you're modulating

1472

01:15:07,960 --> 01:15:05,330

changing it well the sync technology

1473

01:15:10,690 --> 01:15:07,970

would use to do that you'd also tweak

1474

01:15:12,640 --> 01:15:10,700

that technology so that when you couple

1475

01:15:16,870 --> 01:15:12,650

with that energetic structure of space

1476

01:15:18,600 --> 01:15:16,880

you could draw energy from it you know

1477

01:15:21,850 --> 01:15:18,610

and so that's free energy technology

1478

01:15:24,760 --> 01:15:21,860

right so you know that's another big

1479

01:15:28,500 --> 01:15:24,770

thing we're working on here it actually

1480

01:15:32,050 --> 01:15:28,510

you know the anti grab it ik engine it

1481

01:15:33,910 --> 01:15:32,060

doubles as a free energy device yes I've

1482

01:15:37,810 --> 01:15:33,920

heard that there's a lot of people who

1483

01:15:40,650 --> 01:15:37,820

say these two things are just sides of

1484

01:15:42,910 --> 01:15:40,660

the same coin and it's really the

1485

01:15:45,700 --> 01:15:42,920

foundational understanding of our

1486

01:15:49,750 --> 01:15:45,710

environment that is holding people back

1487

01:15:52,010 --> 01:15:49,760

from having or developing these kind of

1488

01:15:55,550 --> 01:15:52,020

technologies when do you think

1489

01:15:57,800 --> 01:15:55,560

this anti-gravity craft or

1490

01:16:00,620 --> 01:15:57,810

electrogravitic craft is going to be

1491

01:16:07,010 --> 01:16:00,630

ready for at least a public

1492

01:16:10,790 --> 01:16:07,020

demonstration oh that's always difficult

1493

01:16:13,459 --> 01:16:10,800

to predict no more so as that thing

1494

01:16:18,560 --> 01:16:13,469

though started been recent times because

1495

01:16:22,000 --> 01:16:18,570

we were old quarantine in our houses for

1496

01:16:25,100 --> 01:16:22,010

six weeks you know so we had to find

1497

01:16:27,380 --> 01:16:25,110

clever ways to continue to work on it

1498

01:16:29,930 --> 01:16:27,390

you know without getting in trouble and

1499

01:16:33,680 --> 01:16:29,940

causing trouble you know but that

1500

01:16:38,110 --> 01:16:33,690

definitely put up pretty big impediment

1501

01:16:42,740 --> 01:16:38,120

on moving forward but coming from

1502

01:16:46,880 --> 01:16:42,750

tourists like certainly a demonstration

1503

01:16:50,560 --> 01:16:46,890

of this kind of technology especially in

1504

01:16:55,840 --> 01:16:50,570

terms of the free energy aspect it is

1505

01:16:58,970 --> 01:16:55,850

pretty M&E like within a year or two

1506

01:17:03,830 --> 01:16:58,980

probably by next year the ability to

1507

01:17:07,090 --> 01:17:03,840

demonstrate this will be there that's

1508

01:17:11,420 --> 01:17:07,100

amazing yeah you know I'm actually

1509

01:17:14,470 --> 01:17:11,430

performing experiments right now to

1510

01:17:18,080 --> 01:17:14,480

measure what I believe are some of the

1511

01:17:21,380 --> 01:17:18,090

free energy processes occurring with one

1512

01:17:23,630 --> 01:17:21,390

of the technologies it's not necessarily

1513

01:17:26,030 --> 01:17:23,640

accepted even by all the researchers

1514

01:17:28,910 --> 01:17:26,040

here that this is occurring but actually

1515

01:17:31,910 --> 01:17:28,920

by goal and this is there since we've

1516

01:17:34,910 --> 01:17:31,920

got back out of horn to this to actually

1517

01:17:37,940 --> 01:17:34,920

document and measured show one of our

1518

01:17:39,229 --> 01:17:37,950

technologies that is already having its

1519

01:17:41,900 --> 01:17:39,239

effect where it's coupled with the

1520

01:17:46,340 --> 01:17:41,910

quantum vacuum and there is an energy

1521

01:17:49,370 --> 01:17:46,350

transmission because of observed in the

1522

01:17:52,459 --> 01:17:49,380

course of my testing with the technology

1523

01:17:56,930 --> 01:17:52,469

you don't just to characterize it I'm

1524

01:17:59,390 --> 01:17:56,940

now doing it in a systematic way testing

1525

01:18:04,600 --> 01:17:59,400

specifically for that so you know I

1526

01:18:09,100 --> 01:18:04,610

think it won't be very long before

1527

01:18:11,320 --> 01:18:09,110

course Tech is having demonstrations you

1528

01:18:14,770 --> 01:18:11,330

know you can put in devices out on the

1529

01:18:17,080 --> 01:18:14,780

market yes I love it I love it already

1530

01:18:20,590 --> 01:18:17,090

good talk to a lot of people a lot of

1531

01:18:22,359 --> 01:18:20,600

researchers and inventors who feel that

1532

01:18:25,120 --> 01:18:22,369

they're very close to being on the cusp

1533

01:18:28,390 --> 01:18:25,130

and it just doesn't seem like I ever am

1534

01:18:31,600 --> 01:18:28,400

really seeing those fully out in the

1535

01:18:34,510 --> 01:18:31,610

open completely verifiable

1536

01:18:36,820 --> 01:18:34,520

demonstrations of either type of device

1537

01:18:38,530 --> 01:18:36,830

but I am a champion in a lot of

1538

01:18:40,359 --> 01:18:38,540

different corners I'm waiting now look

1539

01:18:43,330 --> 01:18:40,369

I'm hoping it happens but we will

1540

01:18:46,750 --> 01:18:43,340

definitely have to talk again then if

1541

01:18:50,560 --> 01:18:46,760

this comes to fruition oh yeah totally

1542

01:18:52,720 --> 01:18:50,570

uh-huh you know because I think it the

1543

01:18:55,720 --> 01:18:52,730

technology is actually there you have a

1544

01:18:57,939 --> 01:18:55,730

lot of different R&D labs you know it's

1545

01:19:02,709 --> 01:18:57,949

just that it's kind of at that phase

1546

01:19:06,010 --> 01:19:02,719

right now where it hasn't quite got to

1547

01:19:09,439 --> 01:19:06,020

the you know full application they

1548

01:19:12,290 --> 01:19:09,449

generally this is ready to go

1549

01:19:13,669 --> 01:19:12,300

there's still further developments that

1550

01:19:15,709 --> 01:19:13,679

need to take place to get there and I

1551

01:19:18,049 --> 01:19:15,719

think that's kind of actually where the

1552

01:19:20,629 --> 01:19:18,059

free energy technology community is that

1553

01:19:23,139 --> 01:19:20,639

at a whole show of something further

1554

01:19:26,419 --> 01:19:23,149

along the mother's point in my

1555

01:19:28,729 --> 01:19:26,429

perspective you know that's the cusp it

1556

01:19:30,649 --> 01:19:28,739

you know the little pause before you

1557

01:19:33,799 --> 01:19:30,659

have the big breakthrough when it's out

1558

01:19:38,179 --> 01:19:33,809

and everywhere and I you know I think

1559

01:19:39,739 --> 01:19:38,189

it's very imminent yes well I am hopeful

1560

01:19:42,620 --> 01:19:39,749

you know we need some hope in these

1561

01:19:45,020 --> 01:19:42,630

challenging times now this has been

1562

01:19:47,209 --> 01:19:45,030

really awesome we got through a bunch of

1563

01:19:49,009 --> 01:19:47,219

different topics a lot of technical

1564

01:19:52,819 --> 01:19:49,019

stuff that's a bit over my head but the

1565

01:19:55,250 --> 01:19:52,829

implications are exciting and my mind is

1566

01:19:57,589 --> 01:19:55,260

thoroughly blown is there anything more

1567

01:19:59,629 --> 01:19:57,599

to leave people with maybe tell them

1568

01:20:01,909 --> 01:19:59,639

about the free course available now or

1569

01:20:02,600 --> 01:20:01,919

where to find you on social media all

1570

01:20:06,229 --> 01:20:02,610

that good stuff

1571

01:20:09,229 --> 01:20:06,239

oh yeah yeah so I have facebook

1572

01:20:12,830 --> 01:20:09,239

Instagram page and I'm actually pretty

1573

01:20:16,100 --> 01:20:12,840

good about engaging in discourse you

1574

01:20:18,229 --> 01:20:16,110

know if there's a question I often enjoy

1575

01:20:22,759 --> 01:20:18,239

getting to have those conversations own

1576

01:20:25,219 --> 01:20:22,769

and then we have the resonance science

1577

01:20:28,669 --> 01:20:25,229

foundation course which is on unified

1578

01:20:34,669 --> 01:20:28,679

Science Academy available online for

1579

01:20:36,319 --> 01:20:34,679

free I'm not sure if the URL has been

1580

01:20:38,750 --> 01:20:36,329

completely converted yet you know

1581

01:20:42,679 --> 01:20:38,760

because it ages to be a membership

1582

01:20:44,989 --> 01:20:42,689

program now is free but it used to be to

1583

01:20:47,359 --> 01:20:44,999

just type in like the resident Science

1584

01:20:50,359 --> 01:20:47,369

Foundation I know if you google search

1585

01:20:53,239 --> 01:20:50,369

ad it will still take you to the free

1586

01:20:55,009 --> 01:20:53,249

online course right register there and

1587

01:20:57,770 --> 01:20:55,019

then you know there's a forum there

1588

01:20:59,649 --> 01:20:57,780

where I engage in conversations with

1589

01:21:03,560 --> 01:20:59,659

folks know answering questions

1590

01:21:07,509 --> 01:21:03,570

discussing things from DNA engineering

1591

01:21:10,129 --> 01:21:07,519

to free energy so we have a bit of

1592

01:21:15,139 --> 01:21:10,139

classrooms for engagement and learning

1593

01:21:16,790 --> 01:21:15,149

more about this yeah very cool I love

1594

01:21:19,250 --> 01:21:16,800

the stuff you guys are doing over there

1595

01:21:22,219 --> 01:21:19,260

and the holo fractal subreddit does a

1596

01:21:23,160 --> 01:21:22,229

great job of trying to follow you guys

1597

01:21:25,620 --> 01:21:23,170

and that's how

1598

01:21:28,020 --> 01:21:25,630

I kind of keep tabs on the cliffnotes of

1599

01:21:30,510 --> 01:21:28,030

what's going on but you got a lot of

1600

01:21:33,689 --> 01:21:30,520

advocates out there you end the seam are

1601

01:21:35,700 --> 01:21:33,699

doing great stuff so it's a real honor

1602

01:21:37,890 --> 01:21:35,710

and a pleasure to talk to you man thanks

1603

01:21:40,290 --> 01:21:37,900

again and keep pushing back against the

1604

01:21:43,410 --> 01:21:40,300

conventional paradigm I wish you luck

1605

01:21:46,500 --> 01:21:43,420

thank you guys yes break inven cavity

1606

01:21:52,359 --> 01:21:51,189

is anyone here a quantum biologist how

1607

01:21:55,540 --> 01:21:52,369

about it guys

1608

01:21:58,330 --> 01:21:55,550

William Brown an important spoke on the

1609

01:22:00,609 --> 01:21:58,340

resonance science wheel I've actually

1610

01:22:03,270 --> 01:22:00,619

had him on my list of guests that I've

1611

01:22:06,550 --> 01:22:03,280

wanted ever since we had Nasim here and

1612

01:22:09,580 --> 01:22:06,560

it was this current situation that

1613

01:22:11,709 --> 01:22:09,590

really got me to prioritize getting them

1614

01:22:13,839 --> 01:22:11,719

on because I think it's important to

1615

01:22:16,600 --> 01:22:13,849

keep bringing you guys guests who have

1616

01:22:18,790 --> 01:22:16,610

different perspectives on viruses on

1617

01:22:21,700 --> 01:22:18,800

what makes us sick and what makes us

1618

01:22:23,709 --> 01:22:21,710

better and despite the range of

1619

01:22:27,550 --> 01:22:23,719

differences some of these guests have

1620

01:22:30,040 --> 01:22:27,560

had they all are drastically different

1621

01:22:32,290 --> 01:22:30,050

from the mainstream perspective as well

1622

01:22:34,720 --> 01:22:32,300

they are all saying that a vaccine is

1623

01:22:37,180 --> 01:22:34,730

not the answer we have much better

1624

01:22:40,899 --> 01:22:37,190

solutions and they're not nearly as

1625

01:22:43,570 --> 01:22:40,909

risky as Big Pharma's offerings yet our

1626

01:22:46,629 --> 01:22:43,580

guests have had a perspective on viruses

1627

01:22:48,760 --> 01:22:46,639

that ranges from there just excretions

1628

01:22:51,339 --> 01:22:48,770

of a toxic cell they are exosomes

1629

01:22:53,140 --> 01:22:51,349

they're not the cause of illness which

1630

01:22:55,390 --> 01:22:53,150

of course is one of the more extreme

1631

01:22:57,040 --> 01:22:55,400

opinions and one that William doesn't

1632

01:23:00,220 --> 01:22:57,050

agree with and Dell big tree would be

1633

01:23:02,439 --> 01:23:00,230

another who didn't go that far but they

1634

01:23:05,109 --> 01:23:02,449

would still say our thoughts on viruses

1635

01:23:07,030 --> 01:23:05,119

should be more nuanced than the news is

1636

01:23:09,070 --> 01:23:07,040

presenting them they aren't all bad just

1637

01:23:10,810 --> 01:23:09,080

like bacteria we have a viral we

1638

01:23:13,060 --> 01:23:10,820

exchange hundreds of viruses when we

1639

01:23:16,240 --> 01:23:13,070

shake hands I mean this isn't exactly

1640

01:23:19,270 --> 01:23:16,250

saying that a virus doesn't make us sick

1641

01:23:21,250 --> 01:23:19,280

but it's definitely a calmer less

1642

01:23:24,580 --> 01:23:21,260

hysterical view right

1643

01:23:28,419 --> 01:23:24,590

I mean Williams said pandemics do happen

1644

01:23:30,640 --> 01:23:28,429

but the difference is that it's not just

1645

01:23:32,770 --> 01:23:30,650

a roll of the dice and there's nothing

1646

01:23:35,859 --> 01:23:32,780

you can do shore up your immune system

1647

01:23:37,959 --> 01:23:35,869

build your defenses focus on that it's

1648

01:23:40,470 --> 01:23:37,969

not like the way it's presented where

1649

01:23:43,419 --> 01:23:40,480

you just get shot by a stray bullet and

1650

01:23:47,140 --> 01:23:43,429

that's really enough for me because if

1651
01:23:51,010 --> 01:23:47,150
we have a holistic natural non-invasive

1652
01:23:53,260 --> 01:23:51,020
treatment such as light or frequency

1653
01:23:56,109 --> 01:23:53,270
based treatments the things that were

1654
01:23:59,290 --> 01:23:56,119
presented today then it doesn't really

1655
01:24:01,150 --> 01:23:59,300
matter if you catch the virus or not

1656
01:24:04,600 --> 01:24:01,160
we have then other people talking about

1657
01:24:08,440 --> 01:24:04,610
zinc and intravenous vitamin C we have

1658
01:24:10,270 --> 01:24:08,450
the hydroxychloroquine thing whatever

1659
01:24:11,500 --> 01:24:10,280
you make of that but we even have dr.

1660
01:24:14,560 --> 01:24:11,510
Rhonda Patrick on the Joe Rogan

1661
01:24:16,420 --> 01:24:14,570
experience talking about vitamin D she's

1662
01:24:18,940 --> 01:24:16,430
been saying that there's data to suggest

1663
01:24:20,950 --> 01:24:18,950

the severity of the virus's impact on

1664

01:24:24,070 --> 01:24:20,960

the body is directly related to the

1665

01:24:25,450 --> 01:24:24,080

vitamin D levels a person has and then

1666

01:24:27,400 --> 01:24:25,460

all of a sudden they're saying on the

1667

01:24:30,700 --> 01:24:27,410

news yeah this virus it can't seem to

1668

01:24:33,370 --> 01:24:30,710

survive long and sunlight at all better

1669

01:24:35,950 --> 01:24:33,380

clothes the outdoors right but it's been

1670

01:24:38,470 --> 01:24:35,960

talked about that this virus affects

1671

01:24:40,600 --> 01:24:38,480

minorities worse which could be seen as

1672

01:24:44,110 --> 01:24:40,610

a red flag for the argument that it was

1673

01:24:45,880 --> 01:24:44,120

engineered but from dr. Rhonda Patrick's

1674

01:24:47,920 --> 01:24:45,890

perspective it's about melanin in the

1675

01:24:49,870 --> 01:24:47,930

skin darker skin people need to be out

1676

01:24:52,480 --> 01:24:49,880

in the Sun way more for the sun's rays

1677

01:24:54,430 --> 01:24:52,490

to penetrate deeper and in our modern

1678

01:24:55,750 --> 01:24:54,440

Western culture where nobody's getting

1679

01:24:59,260 --> 01:24:55,760

enough vitamin D through sunlight

1680

01:25:01,510 --> 01:24:59,270

they're getting even less on top of all

1681

01:25:03,820 --> 01:25:01,520

the other factors that affect minority

1682

01:25:06,130 --> 01:25:03,830

communities and their immune systems and

1683

01:25:09,250 --> 01:25:06,140

their diets and even the way they're

1684

01:25:11,170 --> 01:25:09,260

treated within the medical system but I

1685

01:25:14,800 --> 01:25:11,180

thought even that perspective that

1686

01:25:17,470 --> 01:25:14,810

vitamin D is a big factor in how bad

1687

01:25:19,600 --> 01:25:17,480

this is for people was also worth

1688

01:25:22,570 --> 01:25:19,610

holding up in my head along with all the

1689

01:25:25,990 --> 01:25:22,580

others but the point was just to say

1690

01:25:28,540 --> 01:25:26,000

that when we have these simpler more

1691

01:25:31,480 --> 01:25:28,550

reliable solutions the paranoia about

1692

01:25:33,250 --> 01:25:31,490

the virus should go away whatever level

1693

01:25:34,780 --> 01:25:33,260

you're on I think I got a road that

1694

01:25:37,780 --> 01:25:34,790

leads to the promised land you know what

1695

01:25:40,240 --> 01:25:37,790

I'm saying it's similar to cancer where

1696

01:25:42,280 --> 01:25:40,250

it's actually a lot less scary when you

1697

01:25:44,020 --> 01:25:42,290

know that there are alternatives to

1698

01:25:46,510 --> 01:25:44,030

chemo that have been proven over and

1699

01:25:48,910 --> 01:25:46,520

over so it doesn't bother me that

1700

01:25:51,100 --> 01:25:48,920

William isn't into the exosome theory I

1701
01:25:52,540 --> 01:25:51,110
want him to be honest and I probably

1702
01:25:54,400 --> 01:25:52,550
shouldn't have injected another

1703
01:25:57,250 --> 01:25:54,410
guesswork into the interview as much as

1704
01:25:59,020 --> 01:25:57,260
I did I don't usually do that but we're

1705
01:26:00,100 --> 01:25:59,030
dealing with a special situation here

1706
01:26:02,950 --> 01:26:00,110
and I just want to get everyone's

1707
01:26:04,690 --> 01:26:02,960
opinion about every different angle but

1708
01:26:07,750 --> 01:26:04,700
anyway there's just a lot of different

1709
01:26:11,050 --> 01:26:07,760
ways to look at this thing that all make

1710
01:26:12,609 --> 01:26:11,060
one realize that the reaction to it the

1711
01:26:15,239 --> 01:26:12,619
political reaction the

1712
01:26:18,310 --> 01:26:15,249
economic reaction it's been grossly

1713
01:26:20,770 --> 01:26:18,320

overplayed and I just saw in the local

1714

01:26:23,199 --> 01:26:20,780

news that 40 million people have filed

1715

01:26:26,319 --> 01:26:23,209

for unemployment or in this that is so

1716

01:26:28,419 --> 01:26:26,329

many and it doesn't include the old and

1717

01:26:31,270 --> 01:26:28,429

the young people that don't work but are

1718

01:26:33,189 --> 01:26:31,280

dependent on the working it doesn't

1719

01:26:35,529 --> 01:26:33,199

include people like my buddy who lost

1720

01:26:37,779 --> 01:26:35,539

his job and said [\h__\h] it I'm not gonna

1721

01:26:39,339 --> 01:26:37,789

deal with that terrible website I'm not

1722

01:26:41,409 --> 01:26:39,349

gonna sit on my thumbs waiting for a

1723

01:26:44,080 --> 01:26:41,419

cheque to come through this broken and

1724

01:26:46,029 --> 01:26:44,090

bloated system it also doesn't include

1725

01:26:48,250 --> 01:26:46,039

my other buddy who quit his shitty job

1726
01:26:49,779 --> 01:26:48,260
in January before this happened thinking

1727
01:26:50,770 --> 01:26:49,789
he could just go find another one and

1728
01:26:53,500 --> 01:26:50,780
then BOOM

1729
01:26:55,569 --> 01:26:53,510
you can't really and it also wouldn't

1730
01:26:58,750 --> 01:26:55,579
include another friend I know who ended

1731
01:27:00,759 --> 01:26:58,760
up with a 30 percent pay cut when I

1732
01:27:03,069 --> 01:27:00,769
really think about it I know more people

1733
01:27:06,310 --> 01:27:03,079
who took a huge economic hit that aren't

1734
01:27:07,989 --> 01:27:06,320
on unemployment than ones who are and it

1735
01:27:10,689 --> 01:27:07,999
just seems clear that this is another

1736
01:27:14,560 --> 01:27:10,699
economic throttling that was

1737
01:27:16,949 --> 01:27:14,570
manufactured a gross control overreach

1738
01:27:19,330 --> 01:27:16,959

that really doesn't seem justified

1739

01:27:21,969 --> 01:27:19,340

whether you think they just jumped on a

1740

01:27:23,859 --> 01:27:21,979

convenient opportunity or made the whole

1741

01:27:26,139 --> 01:27:23,869

thing up doesn't really matter when

1742

01:27:28,629 --> 01:27:26,149

you're looking at the economic situation

1743

01:27:30,909 --> 01:27:28,639

where the mecca nations of the economic

1744

01:27:33,129 --> 01:27:30,919

think tanks that control the levers are

1745

01:27:35,649 --> 01:27:33,139

gonna get away with this kind of thing

1746

01:27:37,750 --> 01:27:35,659

again and the blame will fall on an

1747

01:27:39,669 --> 01:27:37,760

attack from the unpredictable forces of

1748

01:27:42,009 --> 01:27:39,679

nature and the ignorance and

1749

01:27:45,219 --> 01:27:42,019

incompetence of a bloated government a

1750

01:27:49,659 --> 01:27:45,229

tale as old as time but I think they get

1751

01:27:52,089 --> 01:27:49,669

what they want anyway even though I

1752

01:27:54,819 --> 01:27:52,099

think the corona content is the more

1753

01:27:57,009 --> 01:27:54,829

important and obviously most pressing

1754

01:27:59,319 --> 01:27:57,019

right now I knew with William we could

1755

01:28:02,919 --> 01:27:59,329

round it out with genetic engineering

1756

01:28:06,669 --> 01:28:02,929

talk and panspermia which are fun topics

1757

01:28:08,770 --> 01:28:06,679

that are kind of virus adjacent and kind

1758

01:28:11,439 --> 01:28:08,780

of weave us in and out for those who

1759

01:28:13,029 --> 01:28:11,449

have a little virus fatigue even though

1760

01:28:16,330 --> 01:28:13,039

most of that was in the second hour

1761

01:28:19,299 --> 01:28:16,340

either way it felt like a unique blend

1762

01:28:21,669 --> 01:28:19,309

and an appropriate show for the times I

1763

01:28:24,250 --> 01:28:21,679

hope you agree if you liked the first

1764

01:28:26,509 --> 01:28:24,260

hour please please please sign up for

1765

01:28:28,790 --> 01:28:26,519

the second I've gotten a lot of great

1766

01:28:30,649 --> 01:28:28,800

feedback from plus people lately who

1767

01:28:33,680 --> 01:28:30,659

have had more time to comb over the

1768

01:28:36,859 --> 01:28:33,690

archive I see a lot of new comments on

1769

01:28:38,270 --> 01:28:36,869

old episodes and I've got several years

1770

01:28:40,939 --> 01:28:38,280

of good stuff in there

1771

01:28:43,009 --> 01:28:40,949

why not revisit some older shows or some

1772

01:28:45,709 --> 01:28:43,019

favorite guests but with that second

1773

01:28:48,649 --> 01:28:45,719

hour this time and help relieve a little

1774

01:28:51,640 --> 01:28:48,659

stress from myself if you have the

1775

01:28:53,839 --> 01:28:51,650

ability to support the show right now I

1776

01:28:56,509 --> 01:28:53,849

hope it's something you value the higher

1777

01:28:58,459 --> 01:28:56,519

side chats calm in the second hour of

1778

01:29:01,759 --> 01:28:58,469

today's show with William Brown we got

1779

01:29:05,089 --> 01:29:01,769

into the idea of 12 strand DNA and the

1780

01:29:08,600 --> 01:29:05,099

spiritual elements of DNA engineering

1781

01:29:11,149 --> 01:29:08,610

man to not sense their own masters may

1782

01:29:12,979 --> 01:29:11,159

be right in the same old environment we

1783

01:29:15,399 --> 01:29:12,989

talked about raising animal intelligence

1784

01:29:18,560 --> 01:29:15,409

levels through a similar process

1785

01:29:21,850 --> 01:29:18,570

regenerating damaged tissue and the

1786

01:29:24,109 --> 01:29:21,860

meridian systems of both land and body

1787

01:29:27,770 --> 01:29:24,119

plus a lot of other good stuff that's

1788

01:29:29,689 --> 01:29:27,780

hard to come by in other places and man

1789

01:29:31,850 --> 01:29:29,699

there are tens of thousands of free

1790

01:29:34,069 --> 01:29:31,860

listeners if I could just convert a few

1791

01:29:35,450 --> 01:29:34,079

more it would really mean a lot but

1792

01:29:39,049 --> 01:29:35,460

don't put yourself in a tight position

1793

01:29:42,200 --> 01:29:39,059

I'll live either way but that's the show

1794

01:29:44,810 --> 01:29:42,210

check out resonance science org for more

1795

01:29:47,239 --> 01:29:44,820

of what they're cooking take care of the

1796

01:29:49,759 --> 01:29:47,249

people around you be a calming presence

1797

01:29:52,069 --> 01:29:49,769

in the chaos rather than an aggravating

1798

01:29:56,000 --> 01:29:52,079

one shore up your health and seek out

1799

01:29:57,739 --> 01:29:56,010

local healthier food sources and keep

1800

01:29:58,640 --> 01:29:57,749

listening to the higher side chats I'm

1801

01:30:01,220 --> 01:29:58,650

getting out here

1802

01:30:02,750 --> 01:30:01,230

your move panspermia directors cosmic

1803

01:30:09,470 --> 01:30:02,760

terraformers and alien evolution

1804

01:30:15,479 --> 01:30:12,930

lucid dreams are so vivid cuz you go to

1805

01:30:18,510 --> 01:30:15,489

bed at 7:00 and your brain comes alive

1806

01:30:21,149 --> 01:30:18,520

cuz your h and nine-to-five you wake up

1807

01:30:23,640 --> 01:30:21,159

with a dread and make sure your cats are

1808

01:30:25,950 --> 01:30:23,650

fed did your brain talk to a ghost who

1809

01:30:29,700 --> 01:30:25,960

moved your coffee and toast as you

1810

01:30:32,220 --> 01:30:29,710

listened to the higher side chats you

1811

01:30:35,310 --> 01:30:32,230

get to your desk and your boss says it's

1812

01:30:37,770 --> 01:30:35,320

a mess and your soul slowly goes to a

1813

01:30:42,319 --> 01:30:37,780

place where nothing grows when you think

1814

01:30:45,290 --> 01:30:42,329

he's not around you insert a SETI sound

1815

01:30:49,790 --> 01:30:45,300

the OEM says turn it down and you say

1816

01:30:52,729 --> 01:30:49,800

it's just the higher side chats oh do

1817

01:30:57,649 --> 01:30:52,739

you think you'd be invited to Bohemian

1818

01:31:01,280 --> 01:30:57,659

Grove to a Bilderberg Club oh do you

1819

01:31:07,040 --> 01:31:01,290

think you'd be invited by rust out to a

1820

01:31:09,530 --> 01:31:07,050

party on a submarine diving

1821

01:31:12,590 --> 01:31:09,540

to the center of the

1822

01:31:16,790 --> 01:31:12,600

to the Marianas Trench your teeth begin

1823

01:31:20,750 --> 01:31:16,800

to clench from the sulphureous stench the

1824

01:31:25,100 --> 01:31:20,760

mask you give in doesn't fit because

1825

01:31:30,600 --> 01:31:28,050

starting today you'll make plans to get

1826

01:31:33,360 --> 01:31:30,610

away there's no one to hold you down and

1827

01:31:36,240 --> 01:31:33,370

the what if start to drown then you wake

1828

01:31:39,090 --> 01:31:36,250

to the glare of a co fluorescent stare

1829

01:31:41,430 --> 01:31:39,100

and the light winks at you cuz its life

1830

01:31:45,300 --> 01:31:41,440

is almost through but it's holding gone

1831

01:31:47,600 --> 01:31:45,310

to quit time just like you it's time for