

# Let's Move On! Transitioning to Pragmatic Applications of Anomalies

Bill Bengston

PA Presidential Address



**SOCIETY  
FOR  
SCIENTIFIC  
EXPLORATION**

1  
00:00:08,230 --> 00:00:06,950

[Music]

2  
00:00:10,790 --> 00:00:08,240

hi everybody

3  
00:00:11,509 --> 00:00:10,800

welcome to my presidential address here

4  
00:00:15,350 --> 00:00:11,519

at

5  
00:00:17,029 --> 00:00:15,360

this very different ssc pa conference

6  
00:00:19,590 --> 00:00:17,039

i'm not exactly sure where in the

7  
00:00:21,830 --> 00:00:19,600

program this is going to fit

8  
00:00:24,390 --> 00:00:21,840

so in case it hasn't happened i'd like

9  
00:00:26,150 --> 00:00:24,400

to just say thanks to a couple of people

10  
00:00:27,029 --> 00:00:26,160

here at the very least

11  
00:00:29,509 --> 00:00:27,039

uh

12  
00:00:31,669 --> 00:00:29,519

first not necessarily foremost but just

13  
00:00:33,670 --> 00:00:31,679

first john kruth

14

00:00:35,590 --> 00:00:33,680

who is the program chair and has put

15

00:00:37,590 --> 00:00:35,600

together a wonderful committee in

16

00:00:40,389 --> 00:00:37,600

putting this thing together

17

00:00:43,190 --> 00:00:40,399

in our first zoom conference

18

00:00:44,549 --> 00:00:43,200

the second is lauren brown at healthy

19

00:00:46,630 --> 00:00:44,559

seminars

20

00:00:48,709 --> 00:00:46,640

who has taken on the yeoman's task of

21

00:00:50,709 --> 00:00:48,719

pre-recording and doing this and doing

22

00:00:52,069 --> 00:00:50,719

that and

23

00:00:53,189 --> 00:00:52,079

this would have been seriously tough

24

00:00:55,510 --> 00:00:53,199

without him

25

00:00:57,350 --> 00:00:55,520

analisa who everybody knows in both

26

00:00:59,590 --> 00:00:57,360

societies everybody's been running

27

00:01:02,069 --> 00:00:59,600

around and being creative and trying

28

00:01:04,549 --> 00:01:02,079

something different and i hope i don't

29

00:01:06,310 --> 00:01:04,559

know where this talk is i hope all this

30

00:01:09,510 --> 00:01:06,320

is going swimmingly

31

00:01:12,390 --> 00:01:09,520

so let me move on from there and uh with

32

00:01:15,030 --> 00:01:12,400

a pun intended uh the title of my talk

33

00:01:17,030 --> 00:01:15,040

is let's move on

34

00:01:20,149 --> 00:01:17,040

but the subtitle is transitioning to

35

00:01:23,030 --> 00:01:20,159

pragmatic applications of anomalies

36

00:01:24,870 --> 00:01:23,040

and the plot the general idea about what

37

00:01:27,270 --> 00:01:24,880

i'm trying to do here

38

00:01:29,109 --> 00:01:27,280

i'm taking a larger view i'm not going

39

00:01:30,950 --> 00:01:29,119

to most of you or many of you are

40

00:01:32,310 --> 00:01:30,960

expecting me to talk about mice and

41

00:01:33,190 --> 00:01:32,320

healing and this and that the other

42

00:01:35,590 --> 00:01:33,200

thing

43

00:01:36,550 --> 00:01:35,600

and i have plenty of new data but i'm

44

00:01:39,190 --> 00:01:36,560

going to

45

00:01:41,830 --> 00:01:39,200

go a little bit higher today

46

00:01:43,670 --> 00:01:41,840

uh and kind of take an overview of where

47

00:01:46,310 --> 00:01:43,680

i'm recommending that

48

00:01:47,429 --> 00:01:46,320

at least the ssc go and i would welcome

49

00:01:49,990 --> 00:01:47,439

the pa

50

00:01:52,069 --> 00:01:50,000

going down this route also

51

00:01:54,149 --> 00:01:52,079

and so my plot

52

00:01:56,469 --> 00:01:54,159

an overview particularly for those who

53

00:01:58,389 --> 00:01:56,479

are new uh to review the meaning of a

54

00:01:59,590 --> 00:01:58,399

novelist and this will obviously happen

55

00:02:01,749 --> 00:01:59,600

very quickly

56

00:02:03,590 --> 00:02:01,759

um

57

00:02:05,350 --> 00:02:03,600

to look at the difference between basic

58

00:02:07,030 --> 00:02:05,360

and applied research and i think pretty

59

00:02:08,949 --> 00:02:07,040

obviously i'm going to be recommending

60

00:02:11,190 --> 00:02:08,959

more applied research

61

00:02:13,030 --> 00:02:11,200

going forward in the future i'm going to

62

00:02:14,470 --> 00:02:13,040

tell a quick anecdote which i think will

63

00:02:17,270 --> 00:02:14,480

be illustrative of what i'm trying to

64

00:02:18,470 --> 00:02:17,280

get across and then i'll actually i'll

65

00:02:20,550 --> 00:02:18,480

deal with a little bit of healing

66

00:02:22,070 --> 00:02:20,560

research and and try to bring it all

67

00:02:24,150 --> 00:02:22,080

together

68

00:02:26,229 --> 00:02:24,160

and and make my point with some

69

00:02:28,790 --> 00:02:26,239

specifics of healing research

70

00:02:31,190 --> 00:02:28,800

so let's start with a bird's-eye view of

71

00:02:33,750 --> 00:02:31,200

anomalous and i i apologize to anybody

72

00:02:36,150 --> 00:02:33,760

who's a wikipedia fanatic i don't use

73

00:02:39,110 --> 00:02:36,160

wikipedia so i'm using an old-fashioned

74

00:02:41,750 --> 00:02:39,120

webster's definition of anomalous

75

00:02:45,270 --> 00:02:41,760

inconsistent with or deviating from what

76

00:02:47,589 --> 00:02:45,280

is usual normal or expected

77

00:02:49,110 --> 00:02:47,599

now the sse this is our bread and butter

78

00:02:52,070 --> 00:02:49,120

we're a generalist

79

00:02:54,070 --> 00:02:52,080

anomaly researching society

80

00:02:55,350 --> 00:02:54,080

we're trying to be scholarly

81

00:02:57,030 --> 00:02:55,360

we're trying to look at things that

82

00:02:58,630 --> 00:02:57,040

don't make a lot of sense

83

00:03:01,270 --> 00:02:58,640

and we're trying to bring rigorous

84

00:03:03,910 --> 00:03:01,280

methods and hopefully fundamentally and

85

00:03:06,390 --> 00:03:03,920

finally theory to those things which

86

00:03:09,670 --> 00:03:06,400

seem to be unusual

87

00:03:11,750 --> 00:03:09,680

uh or not expected in our understanding

88

00:03:14,149 --> 00:03:11,760

of the way the world works

89

00:03:15,830 --> 00:03:14,159

so anomalous isn't an objective

90

00:03:18,070 --> 00:03:15,840

statement it's a statement in

91

00:03:20,949 --> 00:03:18,080

relationship to those people who get to

92

00:03:23,110 --> 00:03:20,959

define what's normal

93

00:03:25,589 --> 00:03:23,120

an anomaly is something that doesn't

94

00:03:27,589 --> 00:03:25,599

make sense and so in that sense loosely

95

00:03:29,589 --> 00:03:27,599

is not normal

96

00:03:31,589 --> 00:03:29,599

which implies somebody can come along

97

00:03:34,149 --> 00:03:31,599

and i make claim

98

00:03:36,470 --> 00:03:34,159

to what is normal

99

00:03:38,229 --> 00:03:36,480

now because something is not normal and

100

00:03:40,229 --> 00:03:38,239

because it's

101  
00:03:41,910 --> 00:03:40,239  
contrary to our understanding of how the

102  
00:03:43,270 --> 00:03:41,920  
world may work

103  
00:03:44,789 --> 00:03:43,280  
doesn't mean it doesn't happen it

104  
00:03:47,509 --> 00:03:44,799  
doesn't mean it can't be independently

105  
00:03:50,070 --> 00:03:47,519  
observed doesn't mean anything like that

106  
00:03:52,149 --> 00:03:50,080  
so past examples just some silly ones

107  
00:03:54,470 --> 00:03:52,159  
meteorites

108  
00:03:56,470 --> 00:03:54,480  
so people out in the field

109  
00:03:58,550 --> 00:03:56,480  
sometime back

110  
00:04:01,910 --> 00:03:58,560  
a rock comes through the air makes a big

111  
00:04:03,750 --> 00:04:01,920  
bang lands on lands on the farm and you

112  
00:04:06,390 --> 00:04:03,760  
say what in heaven's name happened here

113  
00:04:08,229 --> 00:04:06,400

i saw a rock fall from the sky now if in

114

00:04:09,990 --> 00:04:08,239

a particular time and place if you see a

115

00:04:11,990 --> 00:04:10,000

rock fall from the sky

116

00:04:13,509 --> 00:04:12,000

that's not good for your team it's not

117

00:04:15,350 --> 00:04:13,519

good for your career it's not good for

118

00:04:17,749 --> 00:04:15,360

your sanity it's not good for anything

119

00:04:19,670 --> 00:04:17,759

because rocks can't fall from the sky it

120

00:04:21,349 --> 00:04:19,680

can't be done

121

00:04:22,870 --> 00:04:21,359

how would the rocks get up there in the

122

00:04:24,710 --> 00:04:22,880

first place i mean you can see where i'm

123

00:04:26,390 --> 00:04:24,720

going with this and you come along and

124

00:04:27,590 --> 00:04:26,400

you make the claim rocks are falling out

125

00:04:29,510 --> 00:04:27,600

of the sky

126

00:04:30,790 --> 00:04:29,520

i'm going to lock you up in one way or

127

00:04:32,230 --> 00:04:30,800

another

128

00:04:34,390 --> 00:04:32,240

it doesn't mean rocks don't fall from

129

00:04:37,110 --> 00:04:34,400

the sky it means it can't they can't

130

00:04:39,270 --> 00:04:37,120

fall from the sky because we think we

131

00:04:41,830 --> 00:04:39,280

understand how the world works

132

00:04:43,749 --> 00:04:41,840

dinosaurs

133

00:04:46,070 --> 00:04:43,759

one time it was calculated the largest

134

00:04:48,469 --> 00:04:46,080

an animal on land could be forget blue

135

00:04:50,230 --> 00:04:48,479

whales but how large an animal could be

136

00:04:51,990 --> 00:04:50,240

and someone comes along instead of

137

00:04:54,310 --> 00:04:52,000

finding a meteorite someone comes along

138

00:04:56,469 --> 00:04:54,320

and finds a 12-foot femur now you can't

139

00:04:57,670 --> 00:04:56,479

have a 12-foot femur so what is this

140

00:04:59,030 --> 00:04:57,680

it's a fake

141

00:05:01,990 --> 00:04:59,040

why is it a fake because it's not

142

00:05:04,230 --> 00:05:02,000

possible that's an anomaly

143

00:05:05,830 --> 00:05:04,240

now in 2021 i'm pretty sure a lot of

144

00:05:07,110 --> 00:05:05,840

people believe there was such a thing as

145

00:05:09,590 --> 00:05:07,120

dinosaurs

146

00:05:10,950 --> 00:05:09,600

in 2021 i'm pretty sure a lot of people

147

00:05:12,950 --> 00:05:10,960

think there are things like meteorites

148

00:05:14,550 --> 00:05:12,960

so things went from i'm going to lock

149

00:05:16,710 --> 00:05:14,560

you up if you keep talking about that

150

00:05:18,070 --> 00:05:16,720

too yeah they're meteorites

151

00:05:21,670 --> 00:05:18,080

i'm going to lock you up if you keep

152

00:05:23,270 --> 00:05:21,680

talking about that oh they're dinosaurs

153

00:05:25,110 --> 00:05:23,280

flying machines

154

00:05:27,350 --> 00:05:25,120

i mean come on

155

00:05:30,230 --> 00:05:27,360

that's stupid you can't fly we can prove

156

00:05:33,790 --> 00:05:30,240

that you can't fly heavier than air

157

00:05:35,749 --> 00:05:33,800

uh a machine it doesn't make any sense

158

00:05:37,350 --> 00:05:35,759

microorganisms you know little teeny

159

00:05:39,909 --> 00:05:37,360

tiny thingies that are living and we

160

00:05:42,070 --> 00:05:39,919

can't even see them even if we squint

161

00:05:43,990 --> 00:05:42,080

give me a break

162

00:05:45,430 --> 00:05:44,000

what was once anomalous

163

00:05:48,390 --> 00:05:45,440

becomes normal

164

00:05:51,749 --> 00:05:48,400

where in the process of the sse for sure

165

00:05:53,590 --> 00:05:51,759

is in the business of looking into

166

00:05:54,790 --> 00:05:53,600

rigorously

167

00:05:56,309 --> 00:05:54,800

controlled

168

00:05:59,029 --> 00:05:56,319

scientifically

169

00:06:00,469 --> 00:05:59,039

those data which indicate a challenge to

170

00:06:02,309 --> 00:06:00,479

our understanding of the way the world

171

00:06:04,550 --> 00:06:02,319

works

172

00:06:05,670 --> 00:06:04,560

so anomalies doesn't mean something

173

00:06:08,150 --> 00:06:05,680

doesn't work

174

00:06:09,510 --> 00:06:08,160

it just means ah doesn't make a lot of

175

00:06:11,590 --> 00:06:09,520

sense

176

00:06:13,029 --> 00:06:11,600

now how you transition from an anomaly

177

00:06:15,350 --> 00:06:13,039

to a discovery

178

00:06:17,990 --> 00:06:15,360

would presuppose but past the scope of

179

00:06:20,150 --> 00:06:18,000

this talk would presuppose

180

00:06:21,990 --> 00:06:20,160

that you're ready to see the the

181

00:06:25,029 --> 00:06:22,000

evidence

182

00:06:26,150 --> 00:06:25,039

if i go back 500 years and show some an

183

00:06:27,590 --> 00:06:26,160

iphone

184

00:06:29,189 --> 00:06:27,600

i mean what wouldn't have its name is an

185

00:06:31,830 --> 00:06:29,199

iphone you know it wouldn't make any

186

00:06:33,510 --> 00:06:31,840

sense on any level to anybody it's not a

187

00:06:35,670 --> 00:06:33,520

discovery even if you're holding in your

188

00:06:37,510 --> 00:06:35,680

hand it's something that doesn't make

189

00:06:39,110 --> 00:06:37,520

any sense and obviously isn't possible

190

00:06:41,430 --> 00:06:39,120

to begin with

191

00:06:44,469 --> 00:06:41,440

so what your the transition from anomaly

192

00:06:46,070 --> 00:06:44,479

to to discovery implies the person

193

00:06:49,990 --> 00:06:46,080

taking this in

194

00:06:51,749 --> 00:06:50,000

understands it and is ready to hear it

195

00:06:52,790 --> 00:06:51,759

that's our business that's our day job

196

00:06:54,710 --> 00:06:52,800

here

197

00:06:56,629 --> 00:06:54,720

so who decides

198

00:06:58,629 --> 00:06:56,639

is it experts

199

00:07:02,469 --> 00:06:58,639

is it ordinary folk

200

00:07:05,589 --> 00:07:02,479

when does an anomaly become a discovery

201

00:07:06,790 --> 00:07:05,599

now here's a social reality

202

00:07:08,150 --> 00:07:06,800

everybody

203

00:07:12,629 --> 00:07:08,160

is becoming

204

00:07:14,870 --> 00:07:12,639

proportionally more ignorant over time

205

00:07:17,990 --> 00:07:14,880

no matter how much you learn

206

00:07:20,710 --> 00:07:18,000

between this week and next week

207

00:07:23,110 --> 00:07:20,720

more stuff will be known that you don't

208

00:07:25,110 --> 00:07:23,120

know about between this week and next

209

00:07:27,189 --> 00:07:25,120

week

210

00:07:28,790 --> 00:07:27,199

so no matter how much you learn and how

211

00:07:31,189 --> 00:07:28,800

much you study and how much you do

212

00:07:38,070 --> 00:07:31,199

whatever you do you're going to know

213

00:07:41,909 --> 00:07:40,070

what happens there well we have to start

214

00:07:43,430 --> 00:07:41,919

to specialize because we can't know that

215

00:07:44,950 --> 00:07:43,440

which is known who's the last person who

216

00:07:46,790 --> 00:07:44,960

knew everything i mean i don't know

217

00:07:49,430 --> 00:07:46,800

benjamin franklin

218

00:07:52,230 --> 00:07:49,440

he had mastered his world

219

00:07:54,390 --> 00:07:52,240

now pick anything

220

00:07:57,029 --> 00:07:54,400

you can't master your field

221

00:07:59,189 --> 00:07:57,039

go into medicine well you don't go into

222

00:08:03,110 --> 00:07:59,199

medicine you go into a specialty of

223

00:08:04,950 --> 00:08:03,120

specialty of medicine you go into a

224

00:08:06,869 --> 00:08:04,960

specialty of a specialty of a specialty

225

00:08:08,869 --> 00:08:06,879

of because you know less and less about

226

00:08:11,029 --> 00:08:08,879

medicine so if you're a card-carrying

227

00:08:13,189 --> 00:08:11,039

ophthalmologist you know less and less

228

00:08:16,790 --> 00:08:13,199

about other fields within medicine and

229

00:08:20,150 --> 00:08:18,710

now what does this mean well it means

230

00:08:22,390 --> 00:08:20,160

that you become progressively more

231

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

ignorant

232

00:08:26,230 --> 00:08:24,240

you're going to have to rely more on

233

00:08:27,990 --> 00:08:26,240

belief

234

00:08:29,589 --> 00:08:28,000

we're gonna have to turn to someone for

235

00:08:32,389 --> 00:08:29,599

belief

236

00:08:34,790 --> 00:08:32,399

because we don't know the stuff we can't

237

00:08:38,230 --> 00:08:34,800

you say wouldn't it be nice to be a good

238

00:08:40,550 --> 00:08:38,240

critical consumer of information sure

239

00:08:42,870 --> 00:08:40,560

what information it can't be all

240

00:08:45,030 --> 00:08:42,880

information that's crazy

241

00:08:48,550 --> 00:08:45,040

so we're gonna have to turn ourselves

242

00:08:51,190 --> 00:08:48,560

more and more even if we become rational

243

00:08:53,829 --> 00:08:51,200

if we become empirical we do all of that

244

00:08:55,829 --> 00:08:53,839

stuff more and more we have to rely on

245

00:08:57,670 --> 00:08:55,839

belief

246

00:09:00,150 --> 00:08:57,680

who are we going to believe so let's go

247

00:09:01,670 --> 00:09:00,160

through some things we

248

00:09:03,190 --> 00:09:01,680

ask

249

00:09:04,630 --> 00:09:03,200

now i picked the first one i'm going to

250

00:09:06,310 --> 00:09:04,640

go back and forth with a couple of

251

00:09:08,550 --> 00:09:06,320

examples here

252

00:09:10,710 --> 00:09:08,560

let's say someone is wondering is there

253

00:09:13,030 --> 00:09:10,720

such a thing as psy

254

00:09:15,750 --> 00:09:13,040

now of course it's a silly thing to even

255

00:09:18,310 --> 00:09:15,760

raise is a as a question given this

256

00:09:21,269 --> 00:09:18,320

conference we have a size society

257

00:09:23,670 --> 00:09:21,279

basically and we have an anomaly society

258

00:09:25,190 --> 00:09:23,680

and i think the vast majority in fact i

259

00:09:27,110 --> 00:09:25,200

can't think of anybody off the top who

260

00:09:29,110 --> 00:09:27,120

would say no size silly that's you know

261

00:09:30,310 --> 00:09:29,120

it doesn't make any sense but now how

262

00:09:33,910 --> 00:09:30,320

many people

263

00:09:36,310 --> 00:09:33,920

in taking this conference really know

264

00:09:39,269 --> 00:09:36,320

how much i'm asking the question of the

265

00:09:41,670 --> 00:09:39,279

data about psy do we believe it because

266

00:09:43,829 --> 00:09:41,680

we believe it or do we believe it

267

00:09:45,350 --> 00:09:43,839

because we've gone over the data do we

268

00:09:47,750 --> 00:09:45,360

believe it because there's some grand

269

00:09:49,990 --> 00:09:47,760

theoretical understanding of psy what's

270

00:09:52,550 --> 00:09:50,000

the reason that we would accept psy so

271

00:09:54,710 --> 00:09:52,560

we could ask a polling question do you

272

00:09:55,750 --> 00:09:54,720

think psy is real and the p the vast

273

00:09:57,350 --> 00:09:55,760

majority of the people at this

274

00:09:59,430 --> 00:09:57,360

conference are of course real you know

275

00:10:01,829 --> 00:09:59,440

stupid question if you go out into the

276

00:10:03,910 --> 00:10:01,839

public though how many people out in the

277

00:10:05,910 --> 00:10:03,920

public how many people are practicing

278

00:10:09,430 --> 00:10:05,920

scientists how many people have medical

279

00:10:10,550 --> 00:10:09,440

doctors have looked at the data on side

280

00:10:11,910 --> 00:10:10,560

and you'd say well they're not you know

281

00:10:14,069 --> 00:10:11,920

how are they going to know the data on

282

00:10:15,750 --> 00:10:14,079

side well you go and you ask people do

283

00:10:17,590 --> 00:10:15,760

you think psy is real and you're going

284

00:10:19,110 --> 00:10:17,600

to ask most of the people wouldn't have

285

00:10:20,949 --> 00:10:19,120

any idea they either believe it or they

286

00:10:22,470 --> 00:10:20,959

don't believe it and they probably can't

287

00:10:25,670 --> 00:10:22,480

put their finger on how they got their

288

00:10:28,710 --> 00:10:27,829

so it's psy reel

289

00:10:30,790 --> 00:10:28,720

yes

290

00:10:32,630 --> 00:10:30,800

if you're asking me my opinion

291

00:10:34,470 --> 00:10:32,640

you want to hear some data i can talk

292

00:10:35,829 --> 00:10:34,480

about data for quite a bit of time and

293

00:10:37,350 --> 00:10:35,839

i'm sure there's a bunch of people in

294

00:10:39,509 --> 00:10:37,360

the conference who know much more of the

295

00:10:42,470 --> 00:10:39,519

data that i do

296

00:10:44,069 --> 00:10:42,480

is it just data is it theory is it

297

00:10:48,150 --> 00:10:44,079

what's the reason

298

00:10:52,310 --> 00:10:50,230

let's go less

299

00:10:54,230 --> 00:10:52,320

i don't know i i i don't know if this is

300

00:10:55,670 --> 00:10:54,240

controversial not the covet vaccinations

301  
00:10:56,790 --> 00:10:55,680  
are safe

302  
00:10:58,550 --> 00:10:56,800  
now how do we know the coveted

303  
00:11:00,230 --> 00:10:58,560  
vaccinations are safe

304  
00:11:01,750 --> 00:11:00,240  
there's a percentage of people in the

305  
00:11:03,590 --> 00:11:01,760  
states anyway who believe the coveted

306  
00:11:05,590 --> 00:11:03,600  
vaccinations are safe and a percentage

307  
00:11:08,150 --> 00:11:05,600  
who don't and we put this down into blue

308  
00:11:10,150 --> 00:11:08,160  
and red states which is really crazy are

309  
00:11:13,590 --> 00:11:10,160  
the coveted vaccinations safe it's not a

310  
00:11:17,269 --> 00:11:15,430  
how many people know the data we can ask

311  
00:11:19,350 --> 00:11:17,279  
how many people believe they're safe but

312  
00:11:20,389 --> 00:11:19,360  
then i'd question where did you get your

313  
00:11:22,630 --> 00:11:20,399

beliefs

314

00:11:24,790 --> 00:11:22,640

are you believing someone

315

00:11:27,910 --> 00:11:24,800

so you got anthony fauci what's his

316

00:11:28,710 --> 00:11:27,920

title the the nation's number one expert

317

00:11:31,430 --> 00:11:28,720

on

318

00:11:32,949 --> 00:11:31,440

uh vaccines or infectious diseases

319

00:11:35,190 --> 00:11:32,959

should we believe him because he's the

320

00:11:38,710 --> 00:11:35,200

nation's number one expert well who's

321

00:11:40,949 --> 00:11:38,720

the nation's number one expert on psy

322

00:11:43,829 --> 00:11:40,959

so imagine getting on the tube now every

323

00:11:45,910 --> 00:11:43,839

night and the the number one psy expert

324

00:11:47,110 --> 00:11:45,920

in the united states is going to say psi

325

00:11:48,550 --> 00:11:47,120

is real

326

00:11:50,870 --> 00:11:48,560

isn't that the same thing as the covert

327

00:11:52,310 --> 00:11:50,880

vaccinations are safe

328

00:11:55,030 --> 00:11:52,320

because i don't know the data on whether

329

00:11:57,670 --> 00:11:55,040

the covert vaccinations are safe

330

00:11:59,269 --> 00:11:57,680

i do know that some of the data on psi

331

00:12:00,949 --> 00:11:59,279

and probably there's a bunch of people

332

00:12:02,470 --> 00:12:00,959

are the exact opposite

333

00:12:03,990 --> 00:12:02,480

they don't know the data on side but

334

00:12:06,310 --> 00:12:04,000

they think oh yeah i know the data the

335

00:12:09,110 --> 00:12:06,320

covert vaccinations are safe notice i'm

336

00:12:11,110 --> 00:12:09,120

not answering the question is i real i'm

337

00:12:15,190 --> 00:12:11,120

not asking answering the question or the

338

00:12:16,790 --> 00:12:15,200

covet vaccination safe i'm asking

339

00:12:21,110 --> 00:12:16,800

where do you get your ideas where to get

340

00:12:24,310 --> 00:12:22,790

consciousness can affect random number

341

00:12:26,069 --> 00:12:24,320

generators

342

00:12:27,670 --> 00:12:26,079

now i'm going to go out on a limb here

343

00:12:29,190 --> 00:12:27,680

and say the vast majority of the people

344

00:12:31,509 --> 00:12:29,200

at this conference think consciousness

345

00:12:32,790 --> 00:12:31,519

can affect random number generators i

346

00:12:34,550 --> 00:12:32,800

certainly do

347

00:12:37,030 --> 00:12:34,560

i'm pretty familiar with the data so

348

00:12:38,389 --> 00:12:37,040

we'll go to one one locale that probably

349

00:12:41,269 --> 00:12:38,399

is the most

350

00:12:42,470 --> 00:12:41,279

famous the pear lab

351  
00:12:44,710 --> 00:12:42,480  
29

352  
00:12:46,389 --> 00:12:44,720  
going on 30 years of data showing that

353  
00:12:48,790 --> 00:12:46,399  
consciousness can affect random number

354  
00:12:51,110 --> 00:12:48,800  
generators

355  
00:12:53,430 --> 00:12:51,120  
isn't that enough

356  
00:12:55,750 --> 00:12:53,440  
but how many people know the data

357  
00:12:57,430 --> 00:12:55,760  
and why would they think you could

358  
00:13:00,069 --> 00:12:57,440  
and the people who think you could are

359  
00:13:01,750 --> 00:13:00,079  
they familiar with the data

360  
00:13:03,670 --> 00:13:01,760  
i went to a talk a number of years ago

361  
00:13:05,829 --> 00:13:03,680  
by a pretty well-known theoretical

362  
00:13:08,310 --> 00:13:05,839  
physicist who was giving a talk about

363  
00:13:10,230 --> 00:13:08,320

doesn't make any difference

364

00:13:11,910 --> 00:13:10,240

and he's going on and on and on about

365

00:13:14,389 --> 00:13:11,920

various theories about the way the world

366

00:13:15,910 --> 00:13:14,399

works and someone goes to the microphone

367

00:13:17,910 --> 00:13:15,920

and says

368

00:13:20,230 --> 00:13:17,920

what would it mean to you

369

00:13:22,870 --> 00:13:20,240

if consciousness or intention could

370

00:13:25,030 --> 00:13:22,880

affect random number generators

371

00:13:26,710 --> 00:13:25,040

and he didn't pooh-pooh the question he

372

00:13:28,710 --> 00:13:26,720

stood there silently for quite a bit of

373

00:13:30,949 --> 00:13:28,720

time and then he said if consciousness

374

00:13:34,710 --> 00:13:30,959

can affect random number generators

375

00:13:37,110 --> 00:13:34,720

everything i know is wrong

376

00:13:38,790 --> 00:13:37,120

now that's a heck of a statement

377

00:13:41,269 --> 00:13:38,800

if consciousness can affect random

378

00:13:43,750 --> 00:13:41,279

number generators everything i know is

379

00:13:48,870 --> 00:13:46,949

and i was scurrying over to the uh mike

380

00:13:50,230 --> 00:13:48,880

to say perhaps you should take a look at

381

00:13:52,470 --> 00:13:50,240

some of the stuff coming out of

382

00:13:54,069 --> 00:13:52,480

princeton engineering i didn't make it

383

00:13:56,470 --> 00:13:54,079

he was whisked off this stage before i

384

00:13:57,670 --> 00:13:56,480

could get there but he's completely

385

00:14:00,470 --> 00:13:57,680

unaware

386

00:14:03,110 --> 00:14:00,480

of the the data at princeton but think

387

00:14:05,350 --> 00:14:03,120

of the incredible implications

388

00:14:06,949 --> 00:14:05,360

that that he just

389

00:14:08,470 --> 00:14:06,959

he alluded to

390

00:14:09,910 --> 00:14:08,480

everything i know is wrong if this can

391

00:14:11,750 --> 00:14:09,920

happen

392

00:14:13,670 --> 00:14:11,760

that's worth looking into

393

00:14:15,670 --> 00:14:13,680

it would be anomalous

394

00:14:18,550 --> 00:14:15,680

because it doesn't make any sense

395

00:14:23,189 --> 00:14:18,560

but 29 30 years of data i think it's

396

00:14:29,590 --> 00:14:26,949

the universe began with a big bang

397

00:14:31,990 --> 00:14:29,600

i mean there's even a tv show about that

398

00:14:33,670 --> 00:14:32,000

the universe began with the big bang

399

00:14:35,350 --> 00:14:33,680

well let everybody go bulk you know if

400

00:14:38,470 --> 00:14:35,360

you live in the 21st century of course

401  
00:14:40,629 --> 00:14:38,480  
it began with a big bang it's settled

402  
00:14:42,389 --> 00:14:40,639  
well there's some folks in the sse some

403  
00:14:43,829 --> 00:14:42,399  
of the founders who think maybe

404  
00:14:44,949 --> 00:14:43,839  
something's wrong i don't have time to

405  
00:14:47,670 --> 00:14:44,959  
go into it

406  
00:14:49,670 --> 00:14:47,680  
but how many people here know the data

407  
00:14:51,750 --> 00:14:49,680  
that would suggest the universe began

408  
00:14:54,310 --> 00:14:51,760  
with a big bang or is it that they

409  
00:14:57,750 --> 00:14:54,320  
believed so and so because they're the

410  
00:14:59,509 --> 00:14:57,760  
number one astrophysicist

411  
00:15:01,030 --> 00:14:59,519  
i'm the number one infectious disease

412  
00:15:09,509 --> 00:15:01,040  
person

413  
00:15:14,550 --> 00:15:11,430

consciousness is independent of the

414

00:15:17,590 --> 00:15:16,310

pretty serious implications with this

415

00:15:19,189 --> 00:15:17,600

one

416

00:15:21,269 --> 00:15:19,199

how many people believe it probably a

417

00:15:23,189 --> 00:15:21,279

lot of you

418

00:15:25,430 --> 00:15:23,199

how many people believe it out there how

419

00:15:26,870 --> 00:15:25,440

many scholars believe it how many lay

420

00:15:29,350 --> 00:15:26,880

people believe it where did they get

421

00:15:31,910 --> 00:15:29,360

their ideas from how much do people

422

00:15:36,310 --> 00:15:31,920

really know about the evidence or is

423

00:15:39,670 --> 00:15:38,310

quantum entanglement is real the the

424

00:15:42,389 --> 00:15:39,680

cool thing now is to say the word

425

00:15:47,509 --> 00:15:44,710

quantum entanglement is real spooky

426

00:15:50,230 --> 00:15:47,519

accident at a distance is real

427

00:15:51,430 --> 00:15:50,240

how many know the data

428

00:15:53,350 --> 00:15:51,440

or is it

429

00:15:54,470 --> 00:15:53,360

yeah that's i'm hopping on board that's

430

00:15:59,670 --> 00:15:54,480

the thing to say that's the thing to

431

00:16:07,110 --> 00:16:01,829

unidentified aerial phenomena are

432

00:16:11,430 --> 00:16:09,189

now that's

433

00:16:12,949 --> 00:16:11,440

for a while

434

00:16:15,430 --> 00:16:12,959

instead of a meteorite landing in the

435

00:16:17,030 --> 00:16:15,440

field a ship lands in the field and you

436

00:16:19,030 --> 00:16:17,040

go around you tell someone you just saw

437

00:16:21,110 --> 00:16:19,040

something land and it's not of this

438

00:16:22,870 --> 00:16:21,120

earth that it in it and it and it and

439

00:16:25,269 --> 00:16:22,880

you're going to be run out of town now

440

00:16:28,069 --> 00:16:25,279

the military's gone man maybe

441

00:16:30,310 --> 00:16:28,079

we give up maybe it really does

442

00:16:32,870 --> 00:16:30,320

but where do you get your is it

443

00:16:34,310 --> 00:16:32,880

did you have to see a uap

444

00:16:36,389 --> 00:16:34,320

did you have to have the personal

445

00:16:39,430 --> 00:16:36,399

experience or are you looking at the

446

00:16:41,670 --> 00:16:39,440

data from a dispassionate scholarly side

447

00:16:43,990 --> 00:16:41,680

and so just reflect on the stuff that

448

00:16:46,389 --> 00:16:44,000

you reflect on or perhaps more

449

00:16:49,350 --> 00:16:46,399

accurately the things we don't reflect

450

00:16:51,910 --> 00:16:49,360

on so humans are a main source or the

451  
00:16:54,629 --> 00:16:51,920  
main source of global warming

452  
00:16:56,550 --> 00:16:54,639  
if you don't say this now because it's

453  
00:16:58,629 --> 00:16:56,560  
settled science i don't know what

454  
00:17:00,470 --> 00:16:58,639  
settled science means but if you don't

455  
00:17:03,990 --> 00:17:00,480  
say this now you're going to be run out

456  
00:17:07,029 --> 00:17:04,000  
of town as a denier

457  
00:17:08,390 --> 00:17:07,039  
how many people know the data

458  
00:17:10,230 --> 00:17:08,400  
and how many people agree on what the

459  
00:17:13,990 --> 00:17:10,240  
data ought to be are we going back 100

460  
00:17:17,270 --> 00:17:14,000  
000 years 200 000 years 500 000 years 5

461  
00:17:19,590 --> 00:17:17,280  
million years 5 years 50 years

462  
00:17:21,829 --> 00:17:19,600  
what would be the criteria

463  
00:17:23,029 --> 00:17:21,839

but still we know

464

00:17:26,069 --> 00:17:23,039

these people

465

00:17:28,069 --> 00:17:26,079

say yes those people say no i wonder

466

00:17:30,310 --> 00:17:28,079

about these people and those people how

467

00:17:32,870 --> 00:17:30,320

many of them even know

468

00:17:35,430 --> 00:17:32,880

what the data might be now we can

469

00:17:39,270 --> 00:17:35,440

obviously keep going on but

470

00:17:42,630 --> 00:17:41,190

in basic research

471

00:17:44,710 --> 00:17:42,640

we want to know is this the way the

472

00:17:46,470 --> 00:17:44,720

world works what kind of data do we have

473

00:17:47,190 --> 00:17:46,480

what kind of scholarship can we bring to

474

00:17:50,150 --> 00:17:47,200

this

475

00:17:51,909 --> 00:17:50,160

it's wonderful and i'm suggesting here

476

00:17:53,909 --> 00:17:51,919

that we want to try to transition or

477

00:17:56,150 --> 00:17:53,919

start to transition to more applied

478

00:17:59,270 --> 00:17:56,160

research not to give up the basic for

479

00:18:01,430 --> 00:17:59,280

sure but let's see what we can apply

480

00:18:03,590 --> 00:18:01,440

and i think we can often make

481

00:18:05,830 --> 00:18:03,600

applications without much theoretical

482

00:18:08,549 --> 00:18:05,840

understanding of how the stuff works

483

00:18:10,549 --> 00:18:08,559

and some examples here pretty simple

484

00:18:12,310 --> 00:18:10,559

aspirin

485

00:18:14,070 --> 00:18:12,320

for the longest time known as any idea

486

00:18:15,750 --> 00:18:14,080

what the mechanism of action was for

487

00:18:17,510 --> 00:18:15,760

aspirin now did it matter no because

488

00:18:19,270 --> 00:18:17,520

people like to pop aspirin and they say

489

00:18:22,310 --> 00:18:19,280

good things happen

490

00:18:24,230 --> 00:18:22,320

most drugs are a theoretical

491

00:18:25,909 --> 00:18:24,240

you take a boatload of permutations and

492

00:18:28,310 --> 00:18:25,919

combinations you throw the stuff at the

493

00:18:30,310 --> 00:18:28,320

wall you see what sticks

494

00:18:32,470 --> 00:18:30,320

how does it work yeah why does it work

495

00:18:34,710 --> 00:18:32,480

yeah but does it work yes let's do it

496

00:18:36,390 --> 00:18:34,720

let's make something that does something

497

00:18:40,830 --> 00:18:36,400

and maybe we'll find out later why it

498

00:18:44,950 --> 00:18:43,990

gravity newton discovered gravity i mean

499

00:18:46,470 --> 00:18:44,960

come on

500

00:18:49,190 --> 00:18:46,480

i'm pretty sure someone before newton

501  
00:18:50,710 --> 00:18:49,200  
noticed there was gravity

502  
00:18:52,710 --> 00:18:50,720  
newton

503  
00:18:54,630 --> 00:18:52,720  
concretized it

504  
00:18:56,710 --> 00:18:54,640  
made it predictable put it in equation

505  
00:18:58,310 --> 00:18:56,720  
for crying out loud but you put 10

506  
00:18:59,590 --> 00:18:58,320  
theoretical physicists in a room and you

507  
00:19:01,510 --> 00:18:59,600  
ask what gravity is you're going to get

508  
00:19:03,350 --> 00:19:01,520  
a fight

509  
00:19:05,110 --> 00:19:03,360  
but i'm pretty sure there's gravity can

510  
00:19:06,950 --> 00:19:05,120  
we use it yes

511  
00:19:09,110 --> 00:19:06,960  
and i can go on and on and talk about

512  
00:19:11,590 --> 00:19:09,120  
the history of vacuum pumps and etc

513  
00:19:14,710 --> 00:19:11,600

cetera but you get the idea

514

00:19:16,470 --> 00:19:14,720

it we don't need to necessarily go in i

515

00:19:17,510 --> 00:19:16,480

understand the way the world works let's

516

00:19:19,270 --> 00:19:17,520

apply it

517

00:19:23,190 --> 00:19:19,280

we can have a dialogue that goes both

518

00:19:28,789 --> 00:19:26,950

sudden transition quick anecdote

519

00:19:30,630 --> 00:19:28,799

and this is from the institute for

520

00:19:31,830 --> 00:19:30,640

venture science

521

00:19:34,230 --> 00:19:31,840

fundraiser

522

00:19:36,630 --> 00:19:34,240

jerry who many of you know

523

00:19:38,470 --> 00:19:36,640

started an institute for venture science

524

00:19:40,150 --> 00:19:38,480

wonderful goals

525

00:19:42,230 --> 00:19:40,160

and he was trying to raise an endowment

526

00:19:43,909 --> 00:19:42,240

that he asked a couple of people myself

527

00:19:46,070 --> 00:19:43,919

included to go and talk at the

528

00:19:48,630 --> 00:19:46,080

university of washington to some folks

529

00:19:50,549 --> 00:19:48,640

who have many dollars you know they have

530

00:19:52,230 --> 00:19:50,559

lots of extra dollars they want to throw

531

00:19:54,710 --> 00:19:52,240

their extra funds at something

532

00:19:56,310 --> 00:19:54,720

worthwhile and can we can jerry said

533

00:19:58,950 --> 00:19:56,320

come and talk about your your healing

534

00:20:00,630 --> 00:19:58,960

research and maybe at the end of that we

535

00:20:03,830 --> 00:20:00,640

can shake some dollars out of some of

536

00:20:06,870 --> 00:20:03,840

these folks who have many dollars

537

00:20:09,909 --> 00:20:06,880

and so i went and i talked for too long

538

00:20:12,630 --> 00:20:09,919

about all sorts of data which i found

539

00:20:17,110 --> 00:20:14,310

i couldn't find any reasonable counter

540

00:20:19,669 --> 00:20:17,120

hypotheses to my data i showed this that

541

00:20:21,190 --> 00:20:19,679

and the other and and and

542

00:20:24,310 --> 00:20:21,200

and so the the people in the audience

543

00:20:26,789 --> 00:20:24,320

were supposed to be wowed

544

00:20:28,710 --> 00:20:26,799

about a hundred people

545

00:20:31,510 --> 00:20:28,720

and at the end after my talk i was

546

00:20:33,990 --> 00:20:31,520

supposed to go i was assigned a table of

547

00:20:36,070 --> 00:20:34,000

young people and i'm supposed to go to

548

00:20:38,149 --> 00:20:36,080

this round table and we'd sit and we'd

549

00:20:39,909 --> 00:20:38,159

have lunch and we'd talk about all these

550

00:20:41,990 --> 00:20:39,919

exciting discoveries and all that kind

551  
00:20:43,830 --> 00:20:42,000  
of good stuff and i had just finished a

552  
00:20:45,990 --> 00:20:43,840  
reasonably long talk or perhaps an

553  
00:20:47,830 --> 00:20:46,000  
unreasonably long talk on some of my

554  
00:20:49,669 --> 00:20:47,840  
healing research and i sat down and you

555  
00:20:51,510 --> 00:20:49,679  
know i'm patting myself in the back guy

556  
00:20:52,950 --> 00:20:51,520  
was this stuff cool or what and the

557  
00:20:55,110 --> 00:20:52,960  
younger folks

558  
00:20:57,510 --> 00:20:55,120  
and by young they were probably

559  
00:20:59,990 --> 00:20:57,520  
certainly nobody was above 35

560  
00:21:03,190 --> 00:21:00,000  
they all look 12 but they they they

561  
00:21:04,630 --> 00:21:03,200  
nobody was above 35. and sitting around

562  
00:21:05,990 --> 00:21:04,640  
and i had just gone through all of this

563  
00:21:07,750 --> 00:21:06,000

healing data and said isn't this

564

00:21:10,310 --> 00:21:07,760

incredible and yada yada look at these

565

00:21:13,430 --> 00:21:10,320

discoveries and they they said

566

00:21:15,350 --> 00:21:13,440

don't we already know this stuff

567

00:21:18,230 --> 00:21:15,360

and i said no i don't think so i think

568

00:21:19,270 --> 00:21:18,240

this is reasonably uh uh recent off the

569

00:21:20,549 --> 00:21:19,280

press

570

00:21:21,430 --> 00:21:20,559

and they said

571

00:21:23,510 --> 00:21:21,440

you know

572

00:21:25,270 --> 00:21:23,520

you're you're raising stupid questions

573

00:21:26,230 --> 00:21:25,280

like you know does healing happen and

574

00:21:28,789 --> 00:21:26,240

this and that and what are the

575

00:21:31,029 --> 00:21:28,799

parameters and such but we we don't

576  
00:21:33,430 --> 00:21:31,039  
really care we just assume that healing

577  
00:21:35,669 --> 00:21:33,440  
happens and we really and

578  
00:21:38,149 --> 00:21:35,679  
by we i mean collectively the the young

579  
00:21:42,230 --> 00:21:38,159  
folks at this table they had two goals

580  
00:21:44,950 --> 00:21:42,240  
alone and these are rich young people

581  
00:21:47,750 --> 00:21:44,960  
how do i experience this

582  
00:21:49,430 --> 00:21:47,760  
what can how do i get involved in this

583  
00:21:52,549 --> 00:21:49,440  
don't give me your abstract scholarly

584  
00:21:54,310 --> 00:21:52,559  
stuff alone show me how to do it

585  
00:21:55,909 --> 00:21:54,320  
and how do we apply it what can you do

586  
00:21:58,070 --> 00:21:55,919  
with it so

587  
00:22:00,230 --> 00:21:58,080  
it's more meaningful to me these folks

588  
00:22:01,830 --> 00:22:00,240

at the institute

589

00:22:03,590 --> 00:22:01,840

it's more meaningful to me to have

590

00:22:06,149 --> 00:22:03,600

personal experience it's more meaningful

591

00:22:10,230 --> 00:22:06,159

to me to have application

592

00:22:10,240 --> 00:22:17,190

so i asked the question

593

00:22:20,630 --> 00:22:18,710

what comes first

594

00:22:22,310 --> 00:22:20,640

what gets someone

595

00:22:27,510 --> 00:22:22,320

to think

596

00:22:30,630 --> 00:22:28,950

i'm going to convert i'm going to

597

00:22:35,430 --> 00:22:30,640

believe i'm going to change my beliefs

598

00:22:39,029 --> 00:22:37,669

and incidentally on the which came first

599

00:22:40,549 --> 00:22:39,039

it's kind of like a chicken egg problem

600

00:22:42,710 --> 00:22:40,559

don't get all hung up about it and

601  
00:22:44,390 --> 00:22:42,720  
incidentally on that i i solved this not

602  
00:22:46,310 --> 00:22:44,400  
many people know this but

603  
00:22:48,149 --> 00:22:46,320  
i solved the chicken egg problem it's it

604  
00:22:49,990 --> 00:22:48,159  
turns out to be the chicken

605  
00:22:51,909 --> 00:22:50,000  
in case anybody wanted to know

606  
00:22:53,430 --> 00:22:51,919  
so what comes first

607  
00:22:55,990 --> 00:22:53,440  
what's the reason you accept what you

608  
00:22:59,350 --> 00:22:56,000  
accept is it theory is it quality of

609  
00:23:01,909 --> 00:22:59,360  
data is it personal experience is it

610  
00:23:02,710 --> 00:23:01,919  
potential for practical application

611  
00:23:04,789 --> 00:23:02,720  
now

612  
00:23:06,950 --> 00:23:04,799  
the society of scientific exploration

613  
00:23:09,110 --> 00:23:06,960

and presumably the the pa

614

00:23:11,669 --> 00:23:09,120

are primarily interested and focused on

615

00:23:14,630 --> 00:23:11,679

the first two bullets

616

00:23:16,870 --> 00:23:14,640

most people i suspect are focused on the

617

00:23:19,510 --> 00:23:16,880

second two bullets

618

00:23:21,590 --> 00:23:19,520

and you can make a compelling case well

619

00:23:24,149 --> 00:23:21,600

shouldn't we be scholarly and be trying

620

00:23:26,070 --> 00:23:24,159

to develop a good theoretical model and

621

00:23:27,750 --> 00:23:26,080

shouldn't we be looking at the criteria

622

00:23:30,070 --> 00:23:27,760

of how good of our data and all that

623

00:23:32,549 --> 00:23:30,080

kind of stuff and the answer is yes but

624

00:23:34,630 --> 00:23:32,559

i don't think we should look at the top

625

00:23:39,430 --> 00:23:34,640

two bullets

626

00:23:41,830 --> 00:23:39,440

similarly i don't think anyone just

627

00:23:44,630 --> 00:23:41,840

focusing on the bottom two bullets

628

00:23:47,510 --> 00:23:44,640

should ignore the first two bullets

629

00:23:49,269 --> 00:23:47,520

so we're looking here at i think i hope

630

00:23:51,350 --> 00:23:49,279

some sort of a balance

631

00:23:54,070 --> 00:23:51,360

so we'll come back to this theory data

632

00:23:56,789 --> 00:23:54,080

experience and practical application

633

00:23:58,230 --> 00:23:56,799

and now i'll give a quick illustration

634

00:24:01,190 --> 00:23:58,240

from healing research try to bring this

635

00:24:05,510 --> 00:24:03,510

and i'm just here very quickly just talk

636

00:24:07,029 --> 00:24:05,520

about mice data so i have and have

637

00:24:09,830 --> 00:24:07,039

reported to these societies and

638

00:24:12,149 --> 00:24:09,840

published 18 in vivo healing experiments

639

00:24:14,230 --> 00:24:12,159

on cancerous mice i have an active

640

00:24:16,310 --> 00:24:14,240

research agenda or

641

00:24:18,549 --> 00:24:16,320

experiments 19 and 20 are currently

642

00:24:20,149 --> 00:24:18,559

going on these have been done in a

643

00:24:22,630 --> 00:24:20,159

variety of medical schools and

644

00:24:25,110 --> 00:24:22,640

university biology labs i've done a

645

00:24:27,350 --> 00:24:25,120

zillion in vitro experiments and and all

646

00:24:28,230 --> 00:24:27,360

this kind of thing and the basic model i

647

00:24:30,830 --> 00:24:28,240

have

648

00:24:33,830 --> 00:24:30,840

i take something that's already well

649

00:24:35,590 --> 00:24:33,840

understood cancer and mice this is a

650

00:24:37,430 --> 00:24:35,600

cancerous mouse

651

00:24:39,990 --> 00:24:37,440

i apply some healing

652

00:24:42,070 --> 00:24:40,000

to a cancerous mouse

653

00:24:44,390 --> 00:24:42,080

and interesting things which we would

654

00:24:46,630 --> 00:24:44,400

call anomalies occur

655

00:24:48,390 --> 00:24:46,640

what's supposed to happen is a hundred

656

00:24:50,789 --> 00:24:48,400

percent of the mice die

657

00:24:54,549 --> 00:24:50,799

what happens is that the vast majority

658

00:24:59,590 --> 00:24:56,870

now that's reasonably interesting

659

00:25:01,510 --> 00:24:59,600

from a scholarly point of view

660

00:25:03,029 --> 00:25:01,520

reasonably interesting from a data point

661

00:25:05,590 --> 00:25:03,039

of view

662

00:25:06,789 --> 00:25:05,600

and i can come up with a good

663

00:25:08,630 --> 00:25:06,799

sequence

664

00:25:11,029 --> 00:25:08,640

of data-based

665

00:25:13,029 --> 00:25:11,039

discoveries

666

00:25:15,190 --> 00:25:13,039

so here we are at the ssc and here we

667

00:25:17,269 --> 00:25:15,200

are at the pa and we like data well i

668

00:25:18,870 --> 00:25:17,279

got a lot of data

669

00:25:21,029 --> 00:25:18,880

cures abound

670

00:25:23,590 --> 00:25:21,039

distance is irrelevant there is a dose

671

00:25:25,510 --> 00:25:23,600

response and you go on and on down all

672

00:25:27,350 --> 00:25:25,520

the way down there's a whole lot of

673

00:25:30,149 --> 00:25:27,360

stuff that i could say

674

00:25:31,669 --> 00:25:30,159

i can pretty reasonably well

675

00:25:34,149 --> 00:25:31,679

defend

676  
00:25:37,430 --> 00:25:34,159  
and show data that all of these bullet

677  
00:25:39,510 --> 00:25:37,440  
points are in fact defensible

678  
00:25:41,590 --> 00:25:39,520  
but it's just data

679  
00:25:43,029 --> 00:25:41,600  
if you don't know the data

680  
00:25:44,549 --> 00:25:43,039  
and i come along and i ask you what do

681  
00:25:46,310 --> 00:25:44,559  
you think about healing you go i don't

682  
00:25:48,230 --> 00:25:46,320  
know i believe it what do you i don't

683  
00:25:50,230 --> 00:25:48,240  
know i i

684  
00:25:51,909 --> 00:25:50,240  
i want to show me

685  
00:25:53,750 --> 00:25:51,919  
and what does that really mean give me

686  
00:25:56,549 --> 00:25:53,760  
an experience

687  
00:25:57,990 --> 00:25:56,559  
make it something useful

688  
00:26:00,070 --> 00:25:58,000

again i'm not suggesting we throw out

689

00:26:04,870 --> 00:26:00,080

the scholarly i'm saying we're

690

00:26:08,070 --> 00:26:06,470

so these are the kinds of things i

691

00:26:09,590 --> 00:26:08,080

demonstrated at the institute for

692

00:26:11,350 --> 00:26:09,600

venture science and these are the kinds

693

00:26:14,390 --> 00:26:11,360

of things that the

694

00:26:16,070 --> 00:26:14,400

younger folks the next generation

695

00:26:18,070 --> 00:26:16,080

said

696

00:26:24,549 --> 00:26:18,080

do we already know this what can we do

697

00:26:30,630 --> 00:26:28,310

if we go data i got lots if we go theory

698

00:26:33,510 --> 00:26:30,640

i don't have anything that's good

699

00:26:39,269 --> 00:26:33,520

i'm empty-handed how do these cancer

700

00:26:43,830 --> 00:26:41,350

and how do i do it so that it really

701  
00:26:45,590 --> 00:26:43,840  
explains what's going on and it predicts

702  
00:26:46,710 --> 00:26:45,600  
what the next experimental outcome will

703  
00:26:48,789 --> 00:26:46,720  
be

704  
00:26:50,830 --> 00:26:48,799  
and the answer is i don't know

705  
00:26:53,750 --> 00:26:50,840  
i just i just don't

706  
00:26:54,950 --> 00:26:53,760  
know so i've got good data i have no

707  
00:26:56,950 --> 00:26:54,960  
theory

708  
00:26:59,269 --> 00:26:56,960  
that's any good and since i have no

709  
00:27:01,190 --> 00:26:59,279  
theory that's any good i'm right to be

710  
00:27:05,190 --> 00:27:01,200  
called an anomaly because i don't

711  
00:27:09,750 --> 00:27:05,200  
understand it it works it's reliable

712  
00:27:16,789 --> 00:27:13,590  
so can we make it personal experience

713  
00:27:18,710 --> 00:27:16,799

we got data we don't have theory

714

00:27:21,190 --> 00:27:18,720

personal experience many student and

715

00:27:22,789 --> 00:27:21,200

faculty volunteers have acted as healers

716

00:27:28,149 --> 00:27:22,799

it appears

717

00:27:33,669 --> 00:27:30,389

are the people who accept healing

718

00:27:35,750 --> 00:27:33,679

accepting healing because of the data

719

00:27:38,630 --> 00:27:35,760

are they accepting healing because of

720

00:27:40,950 --> 00:27:38,640

the theory and there's no good theory

721

00:27:43,350 --> 00:27:40,960

is it because they've been healed

722

00:27:45,430 --> 00:27:43,360

it's because they heard a story once

723

00:27:47,590 --> 00:27:45,440

it's because the number one

724

00:27:49,830 --> 00:27:47,600

not infectious disease specialist but

725

00:27:51,750 --> 00:27:49,840

the number one healing specialist said

726  
00:27:53,669 --> 00:27:51,760  
yes there's something healing and they

727  
00:27:57,110 --> 00:27:53,679  
said it in a booming voice and it was

728  
00:27:58,870 --> 00:27:57,120  
authoritative and therefore it must be

729  
00:28:01,750 --> 00:27:58,880  
or is it an abstract thing to most

730  
00:28:05,110 --> 00:28:03,669  
and now in the bottom two bullets here i

731  
00:28:06,950 --> 00:28:05,120  
want to transition to practical

732  
00:28:13,190 --> 00:28:06,960  
applications and talk about a couple of

733  
00:28:16,310 --> 00:28:14,789  
can we make this

734  
00:28:18,630 --> 00:28:16,320  
practical

735  
00:28:22,070 --> 00:28:18,640  
so it's interesting healing happens they

736  
00:28:23,669 --> 00:28:22,080  
got enough experiments 20 is enough

737  
00:28:26,630 --> 00:28:23,679  
let's be like saying i got random number

738  
00:28:28,870 --> 00:28:26,640

generators how many years do you have 30

739

00:28:31,029 --> 00:28:28,880

30 years is enough

740

00:28:33,830 --> 00:28:31,039

in 30

741

00:28:35,590 --> 00:28:33,840

years a zillion experiments okay

742

00:28:37,590 --> 00:28:35,600

random number generators can be affected

743

00:28:39,430 --> 00:28:37,600

by conscious intent

744

00:28:41,830 --> 00:28:39,440

i got enough data over more than 30

745

00:28:44,230 --> 00:28:41,840

years yeah healing happens

746

00:28:45,510 --> 00:28:44,240

and i got some interesting correlates

747

00:28:46,870 --> 00:28:45,520

now

748

00:28:48,070 --> 00:28:46,880

can we make it

749

00:28:49,909 --> 00:28:48,080

practical

750

00:28:52,630 --> 00:28:49,919

i'm saying up front i don't understand

751  
00:28:54,389 --> 00:28:52,640  
the stuff can i make it practical

752  
00:28:56,789 --> 00:28:54,399  
so i've been going down an experimental

753  
00:28:58,230 --> 00:28:56,799  
method for scaling now using

754  
00:29:00,230 --> 00:28:58,240  
and these are only two of the models

755  
00:29:02,389 --> 00:29:00,240  
i've used recordings

756  
00:29:05,190 --> 00:29:02,399  
and water and i want to go over that

757  
00:29:07,510 --> 00:29:05,200  
just very quickly to illustrate even if

758  
00:29:10,149 --> 00:29:07,520  
we don't understand something

759  
00:29:14,310 --> 00:29:10,159  
perhaps we can turn it to something

760  
00:29:15,750 --> 00:29:14,320  
that's a real viable application

761  
00:29:19,430 --> 00:29:15,760  
and maybe

762  
00:29:23,990 --> 00:29:21,750  
so this is recordings this is a picture

763  
00:29:26,310 --> 00:29:24,000

from dean raiden's uh

764

00:29:29,430 --> 00:29:26,320

faraday cage at ions actually it's his

765

00:29:31,669 --> 00:29:29,440

former place the the the faraday cage

766

00:29:34,230 --> 00:29:31,679

used to be and the the general idea is

767

00:29:36,630 --> 00:29:34,240

we take this big wonkin cage and we go

768

00:29:38,389 --> 00:29:36,640

inside the cage and three people

769

00:29:41,909 --> 00:29:38,399

are practicing a particular healing

770

00:29:44,470 --> 00:29:41,919

technique that i developed and we ran a

771

00:29:46,310 --> 00:29:44,480

whole bunch of recorders

772

00:29:48,789 --> 00:29:46,320

so we had a boatload of recorders the

773

00:29:50,870 --> 00:29:48,799

details are published elsewhere but we

774

00:29:53,350 --> 00:29:50,880

had a boatload of recordings running as

775

00:29:56,070 --> 00:29:53,360

we had healing intention going on and

776

00:29:59,350 --> 00:29:56,080

the question really simple is can we

777

00:30:02,710 --> 00:29:59,360

take that recording and reproduce

778

00:30:07,590 --> 00:30:05,669

without the healers

779

00:30:10,549 --> 00:30:07,600

so we get a recording

780

00:30:13,269 --> 00:30:10,559

of healing intention

781

00:30:15,350 --> 00:30:13,279

and we play this to cancer cells if you

782

00:30:17,110 --> 00:30:15,360

can see my pointer these are cancer

783

00:30:19,909 --> 00:30:17,120

cells in an incubator

784

00:30:22,070 --> 00:30:19,919

these are speakers this is a amplifier

785

00:30:25,430 --> 00:30:22,080

and we play the recording we made in

786

00:30:28,070 --> 00:30:25,440

dean's faraday cage to cancer cells in

787

00:30:33,190 --> 00:30:31,269

no body no healers involved

788

00:30:35,510 --> 00:30:33,200

healers were involved in the recording

789

00:30:38,310 --> 00:30:35,520

now we're applying it

790

00:30:40,470 --> 00:30:38,320

and we get some pretty interesting stuff

791

00:30:42,470 --> 00:30:40,480

we get robust results

792

00:30:44,950 --> 00:30:42,480

reliable results

793

00:30:46,470 --> 00:30:44,960

serious biological results

794

00:30:48,389 --> 00:30:46,480

which turn into

795

00:30:52,630 --> 00:30:48,399

a pretty interesting paper

796

00:30:55,430 --> 00:30:52,640

basic research paper it's not an applied

797

00:30:57,590 --> 00:30:55,440

paper it's a basic research paper in a

798

00:30:58,710 --> 00:30:57,600

biology journal for crying out loud i

799

00:31:00,950 --> 00:30:58,720

said well

800

00:31:03,990 --> 00:31:00,960

it happened let's let's let's publish it

801  
00:31:05,350 --> 00:31:04,000

we publish it

802  
00:31:08,549 --> 00:31:05,360

now the question is can we turn this

803  
00:31:13,990 --> 00:31:12,230

some conclusions from this article

804  
00:31:17,509 --> 00:31:14,000

or really only the first three we didn't

805  
00:31:22,710 --> 00:31:21,029

but the first one reproducible biologic

806  
00:31:25,190 --> 00:31:22,720

changes have been induced by healing

807  
00:31:27,190 --> 00:31:25,200

intention

808  
00:31:31,269 --> 00:31:27,200

we did this seven times

809  
00:31:32,630 --> 00:31:31,279

and we get 68 out of 167 cancer genes

810  
00:31:34,870 --> 00:31:32,640

examined

811  
00:31:36,950 --> 00:31:34,880

would significantly change

812  
00:31:40,070 --> 00:31:36,960

that's not too subtle

813  
00:31:42,789 --> 00:31:40,080

so 68 genes change we replicated 68

814

00:31:45,110 --> 00:31:42,799

genes changed we've replicated 68 genes

815

00:31:49,830 --> 00:31:45,120

change there's a clue going on here it's

816

00:31:54,549 --> 00:31:52,230

number two we go to an applied

817

00:31:56,789 --> 00:31:54,559

well if this is if healing can be

818

00:31:58,710 --> 00:31:56,799

captured and released if we can store it

819

00:31:59,830 --> 00:31:58,720

if we can bottle it if we can put it in

820

00:32:01,830 --> 00:31:59,840

a battery

821

00:32:07,029 --> 00:32:01,840

maybe we can make this more widely

822

00:32:12,630 --> 00:32:10,710

three goes back to a basic question

823

00:32:14,950 --> 00:32:12,640

basic research hands-on healing is

824

00:32:16,789 --> 00:32:14,960

stronger than the recording

825

00:32:19,190 --> 00:32:16,799

well that's interesting

826

00:32:21,990 --> 00:32:19,200

we don't know why want to look into why

827

00:32:23,750 --> 00:32:22,000

right now we don't know why

828

00:32:25,430 --> 00:32:23,760

but now number four we could go to an

829

00:32:27,509 --> 00:32:25,440

application

830

00:32:30,549 --> 00:32:27,519

turns out healing activity produces a

831

00:32:32,230 --> 00:32:30,559

conditioned space

832

00:32:33,909 --> 00:32:32,240

and once we play the recording in an

833

00:32:36,149 --> 00:32:33,919

incubator

834

00:32:38,789 --> 00:32:36,159

we can get the biologic changes without

835

00:32:41,269 --> 00:32:38,799

the recording

836

00:32:43,590 --> 00:32:41,279

for some unknown length of time we can

837

00:32:46,149 --> 00:32:43,600

put in other words cancer cells into the

838

00:32:48,389 --> 00:32:46,159

incubator not play the recording they'll

839

00:32:49,909 --> 00:32:48,399

still change we've only tested it up to

840

00:32:52,230 --> 00:32:49,919

three days

841

00:32:54,149 --> 00:32:52,240

reasonably interesting so here in our

842

00:32:56,230 --> 00:32:54,159

conclusions we got a couple of basic

843

00:32:59,110 --> 00:32:56,240

conclusions we got a couple applied

844

00:33:01,669 --> 00:32:59,120

conclusions we got that so

845

00:33:03,990 --> 00:33:01,679

can we up this to

846

00:33:06,630 --> 00:33:04,000

mice

847

00:33:09,750 --> 00:33:06,640

this is a brown university we got cages

848

00:33:10,549 --> 00:33:09,760

of mice we got the same speakers we play

849

00:33:12,470 --> 00:33:10,559

the

850

00:33:15,190 --> 00:33:12,480

recording to cancerous mice and what

851  
00:33:16,710 --> 00:33:15,200  
happens we get what we would call in the

852  
00:33:18,549 --> 00:33:16,720  
sse

853  
00:33:21,110 --> 00:33:18,559  
anomalies

854  
00:33:22,870 --> 00:33:21,120  
the tumors start to ulcerate weird stuff

855  
00:33:25,509 --> 00:33:22,880  
starts to happen

856  
00:33:27,750 --> 00:33:25,519  
biological changes occur

857  
00:33:29,590 --> 00:33:27,760  
we got we don't care about the details

858  
00:33:32,230 --> 00:33:29,600  
but we can see changes in the blood we

859  
00:33:35,350 --> 00:33:32,240  
can see changes in the in the organs we

860  
00:33:37,190 --> 00:33:35,360  
can see changes and these effects appear

861  
00:33:40,230 --> 00:33:37,200  
to be reliable

862  
00:33:42,710 --> 00:33:40,240  
this turns also into a fundamental paper

863  
00:33:47,430 --> 00:33:42,720

in a biology journal

864

00:33:53,269 --> 00:33:50,389

we've also taken doing recordings out of

865

00:33:55,590 --> 00:33:53,279

the fancy faraday cages with the fancy

866

00:33:57,430 --> 00:33:55,600

equipment and done more simple versions

867

00:33:58,470 --> 00:33:57,440

and it turns out that this stuff works

868

00:34:00,710 --> 00:33:58,480

too

869

00:34:02,630 --> 00:34:00,720

we're not sure yet if it works as well i

870

00:34:04,630 --> 00:34:02,640

kind of suspect that if we go into a

871

00:34:07,509 --> 00:34:04,640

recording studio the effect size won't

872

00:34:10,310 --> 00:34:07,519

be as great but these are basic research

873

00:34:12,470 --> 00:34:10,320

questions that can continue but notice

874

00:34:14,230 --> 00:34:12,480

and these studies are ongoing even as we

875

00:34:16,950 --> 00:34:14,240

speak

876

00:34:19,510 --> 00:34:16,960

notice the last bullet

877

00:34:21,589 --> 00:34:19,520

this is globally scalable

878

00:34:23,750 --> 00:34:21,599

if we can develop a way to record

879

00:34:25,669 --> 00:34:23,760

healing and tension

880

00:34:29,669 --> 00:34:25,679

even if we don't understand what it is

881

00:34:31,430 --> 00:34:29,679

really we're recording and i'd love to

882

00:34:33,750 --> 00:34:31,440

we can turn this into a globally

883

00:34:36,550 --> 00:34:33,760

scalable application

884

00:34:38,869 --> 00:34:36,560

wouldn't that get people's attention

885

00:34:42,710 --> 00:34:38,879

wouldn't that be interesting if we can

886

00:34:43,990 --> 00:34:42,720

upload a healing effect into

887

00:34:45,990 --> 00:34:44,000

the cloud

888

00:34:47,430 --> 00:34:46,000

and have it downloadable

889

00:34:50,069 --> 00:34:47,440

globally

890

00:34:51,909 --> 00:34:50,079

that would be interesting

891

00:34:53,990 --> 00:34:51,919

can we take a different model and make

892

00:34:54,790 --> 00:34:54,000

it so what i'm trying to get at is we

893

00:34:56,149 --> 00:34:54,800

have

894

00:34:58,790 --> 00:34:56,159

basic

895

00:35:01,750 --> 00:34:58,800

scientific questions we also have

896

00:35:06,950 --> 00:35:01,760

serious application possibilities

897

00:35:11,589 --> 00:35:09,430

we've done this with water

898

00:35:15,030 --> 00:35:11,599

at uconn med school some years ago i

899

00:35:17,349 --> 00:35:15,040

showed that water can store healing

900

00:35:19,910 --> 00:35:17,359

we can put healing intention into water

901  
00:35:24,069 --> 00:35:19,920  
it remembers it can be fed to mice that

902  
00:35:26,870 --> 00:35:24,079  
we've never met and those mice get fixed

903  
00:35:29,589 --> 00:35:26,880  
that's interesting but not necessarily

904  
00:35:30,870 --> 00:35:29,599  
scalable it's interesting but not

905  
00:35:33,190 --> 00:35:30,880  
necessarily

906  
00:35:35,270 --> 00:35:33,200  
globally applicable

907  
00:35:36,790 --> 00:35:35,280  
so the question came up how do we scale

908  
00:35:40,150 --> 00:35:36,800  
it well

909  
00:35:41,910 --> 00:35:40,160  
playing around this is the short version

910  
00:35:43,430 --> 00:35:41,920  
we followed a homeopathic model of

911  
00:35:45,670 --> 00:35:43,440  
dilution and succussion this isn't

912  
00:35:48,710 --> 00:35:45,680  
homeopathy this is just dilution and

913  
00:35:51,670 --> 00:35:48,720

succussion but dilution and succussion

914

00:35:54,150 --> 00:35:51,680

is a way is a method that we can we can

915

00:35:56,230 --> 00:35:54,160

scale we can up the production of all

916

00:35:57,750 --> 00:35:56,240

this stuff

917

00:36:00,310 --> 00:35:57,760

so we

918

00:36:01,829 --> 00:36:00,320

settled on a promising formulation of

919

00:36:04,390 --> 00:36:01,839

treating water

920

00:36:06,150 --> 00:36:04,400

and we've done three clinical studies i

921

00:36:08,230 --> 00:36:06,160

haven't reported on this yet

922

00:36:10,310 --> 00:36:08,240

using about a hundred volunteers in each

923

00:36:13,990 --> 00:36:10,320

study we've done two in the states we've

924

00:36:16,550 --> 00:36:14,000

done one in europe and we have water

925

00:36:18,870 --> 00:36:16,560

that's been treated

926

00:36:22,150 --> 00:36:18,880

that in turn has been diluted and

927

00:36:25,750 --> 00:36:22,160

succeded to a certain formulation

928

00:36:28,230 --> 00:36:25,760

and now it's given to clinically people

929

00:36:31,670 --> 00:36:28,240

so we've had about 300 people take two

930

00:36:36,950 --> 00:36:31,680

drops four times a day sublingually for

931

00:36:42,310 --> 00:36:39,510

crazy findings and i'm just

932

00:36:43,670 --> 00:36:42,320

brushing on them very quickly here 98 of

933

00:36:45,349 --> 00:36:43,680

the people taking this reported

934

00:36:51,190 --> 00:36:45,359

improvements

935

00:36:53,349 --> 00:36:51,200

we've had a variety of conditions report

936

00:36:55,270 --> 00:36:53,359

i'm just leaving it loose as changes and

937

00:36:57,510 --> 00:36:55,280

some of the changes are pretty dramatic

938

00:37:00,230 --> 00:36:57,520

including and not limited to

939

00:37:02,150 --> 00:37:00,240

arthritis cancer depression anxiety pain

940

00:37:04,630 --> 00:37:02,160

parkinson's the stuff is reasonably

941

00:37:07,589 --> 00:37:05,349

and

942

00:37:09,190 --> 00:37:07,599

among the interesting findings we have

943

00:37:11,589 --> 00:37:09,200

is that when we put it through this

944

00:37:14,310 --> 00:37:11,599

production process there seems to be

945

00:37:16,710 --> 00:37:14,320

some additive effect

946

00:37:20,790 --> 00:37:16,720

i'll talk about this sometime later down

947

00:37:25,990 --> 00:37:22,870

so think of possibilities we've got a

948

00:37:28,790 --> 00:37:26,000

whole slew of basic research questions

949

00:37:31,030 --> 00:37:28,800

but it if they're done pursued without

950

00:37:32,710 --> 00:37:31,040

the possibility of clinical application

951  
00:37:35,030 --> 00:37:32,720  
i think we're missing the boat we've

952  
00:37:37,750 --> 00:37:35,040  
spent way too much time

953  
00:37:39,750 --> 00:37:37,760  
responding to critics who say they'll

954  
00:37:41,270 --> 00:37:39,760  
walk around and go well i don't believe

955  
00:37:43,589 --> 00:37:41,280  
in psy because you know it's not

956  
00:37:45,430 --> 00:37:43,599  
possible it's like i don't believe that

957  
00:37:47,190 --> 00:37:45,440  
rocks can fall out of the sky because

958  
00:37:50,870 --> 00:37:47,200  
you know it's not possible i don't

959  
00:37:52,870 --> 00:37:50,880  
believe it because i don't believe

960  
00:37:54,470 --> 00:37:52,880  
nobody's going to know the data ever

961  
00:37:56,150 --> 00:37:54,480  
really

962  
00:37:57,990 --> 00:37:56,160  
let's make some applications too let's

963  
00:37:59,030 --> 00:37:58,000

go down both roads

964

00:38:00,710 --> 00:37:59,040

let's not

965

00:38:05,030 --> 00:38:00,720

pay attention to the dopey people who

966

00:38:08,950 --> 00:38:07,109

so think of these as possibilities for

967

00:38:12,310 --> 00:38:08,960

future research

968

00:38:14,069 --> 00:38:12,320

both basic and applied

969

00:38:14,870 --> 00:38:14,079

what happens if we condition the space

970

00:38:17,030 --> 00:38:14,880

of

971

00:38:18,790 --> 00:38:17,040

medical clinics

972

00:38:21,990 --> 00:38:18,800

what happens if we supply clients with

973

00:38:25,829 --> 00:38:23,829

can these recordings that we're making

974

00:38:29,670 --> 00:38:25,839

with or without drops enhance clinical

975

00:38:33,990 --> 00:38:31,589

these are interesting questions

976  
00:38:36,630 --> 00:38:34,000  
which would solve or not solve it would

977  
00:38:39,430 --> 00:38:36,640  
feed the curiosity of the basic

978  
00:38:41,270 --> 00:38:39,440  
researcher as well as

979  
00:38:43,270 --> 00:38:41,280  
open up the possibilities to the folks

980  
00:38:44,710 --> 00:38:43,280  
who are never going to know all of the

981  
00:38:46,870 --> 00:38:44,720  
data

982  
00:38:49,670 --> 00:38:46,880  
if you're sick do you care about the

983  
00:38:51,829 --> 00:38:49,680  
data do you want to just get better

984  
00:38:53,270 --> 00:38:51,839  
if you're a researcher

985  
00:38:55,190 --> 00:38:53,280  
do you care about making people better

986  
00:38:57,670 --> 00:38:55,200  
you just want to understand it we have a

987  
00:38:59,270 --> 00:38:57,680  
tendency to go to our private silos i'm

988  
00:39:02,950 --> 00:38:59,280

trying to get dialogue to go back and

989

00:39:09,270 --> 00:39:06,230

so what matters the most

990

00:39:13,510 --> 00:39:11,750

is it theory

991

00:39:15,910 --> 00:39:13,520

is it data

992

00:39:19,270 --> 00:39:15,920

is a personal experience

993

00:39:20,790 --> 00:39:19,280

is it practical application

994

00:39:23,990 --> 00:39:20,800

which of these

995

00:39:25,910 --> 00:39:24,000

gets people to change their mind

996

00:39:28,390 --> 00:39:25,920

and i suspect

997

00:39:30,630 --> 00:39:28,400

that we would get some mileage

998

00:39:33,109 --> 00:39:30,640

out of looking at i can't do it today

999

00:39:36,390 --> 00:39:33,119

but i'm looking at theories of religious

1000

00:39:42,950 --> 00:39:38,390

particularly religious conversion which

1001  
00:39:45,270 --> 00:39:42,960  
are focused on radical religions sex

1002  
00:39:47,430 --> 00:39:45,280  
what gets someone

1003  
00:39:49,190 --> 00:39:47,440  
to join a sect

1004  
00:39:51,510 --> 00:39:49,200  
might be parallel

1005  
00:39:53,589 --> 00:39:51,520  
to what gets someone to join an

1006  
00:39:55,109 --> 00:39:53,599  
anomalous belief or a belief in an

1007  
00:39:58,310 --> 00:39:55,119  
anomaly

1008  
00:40:03,270 --> 00:39:58,320  
radical

1009  
00:40:06,710 --> 00:40:03,280  
and this kind of

1010  
00:40:08,950 --> 00:40:06,720  
religious conversion belief

1011  
00:40:11,910 --> 00:40:08,960  
has been looked at quite a bit and is

1012  
00:40:15,270 --> 00:40:11,920  
worth i think pursuing

1013  
00:40:18,309 --> 00:40:15,280

and i get i think there's overlaps to

1014

00:40:20,069 --> 00:40:18,319

what gets someone to accept an anomaly

1015

00:40:22,309 --> 00:40:20,079

so if we had a list of things that the

1016

00:40:23,829 --> 00:40:22,319

people in this conference believe

1017

00:40:25,190 --> 00:40:23,839

and the list of things people in this

1018

00:40:27,030 --> 00:40:25,200

conference don't believe and they're all

1019

00:40:29,109 --> 00:40:27,040

anomalies

1020

00:40:31,109 --> 00:40:29,119

there's probably a bunch of buttons that

1021

00:40:34,550 --> 00:40:31,119

i could push that would get people in

1022

00:40:36,630 --> 00:40:34,560

this conference to go no too far

1023

00:40:38,470 --> 00:40:36,640

i'll buy this i won't buy that but is it

1024

00:40:40,470 --> 00:40:38,480

because of the quality of the data it's

1025

00:40:42,630 --> 00:40:40,480

because one has a better theory because

1026  
00:40:44,550 --> 00:40:42,640  
you've experienced it because you can

1027  
00:40:46,470 --> 00:40:44,560  
show me something practical

1028  
00:40:48,870 --> 00:40:46,480  
it's not simple

1029  
00:40:51,030 --> 00:40:48,880  
we have in the sse

1030  
00:40:53,430 --> 00:40:51,040  
and likely the pa focused on the first

1031  
00:40:55,349 --> 00:40:53,440  
two bullets

1032  
00:40:57,270 --> 00:40:55,359  
most people are focused on the second

1033  
00:41:02,950 --> 00:40:57,280  
two bullets on the third and fourth

1034  
00:41:08,390 --> 00:41:06,069  
i'm suggesting we broaden our

1035  
00:41:09,829 --> 00:41:08,400  
horizons and we stop paying attention to

1036  
00:41:14,870 --> 00:41:09,839  
the stupid people who just say oh this

1037  
00:41:19,510 --> 00:41:16,710  
so i'll stop for now and answer

1038  
00:41:20,630 --> 00:41:19,520

questions i thank you to a variety of

1039

00:41:22,550 --> 00:41:20,640

institutions

1040

00:41:25,109 --> 00:41:22,560

thank you to very generous funding by

1041

00:41:27,190 --> 00:41:25,119

the emerald gate charitable trust

1042

00:41:28,230 --> 00:41:27,200

and i say thank you

1043

00:41:29,589 --> 00:41:28,240

and