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HANDS ON HEALING RESEARCH IGNORED

185. WILLIAM BENGSTON

1
00:00:14,520 --> 00:00:12,330
on this episode of skeptic Oh Alex talks

2
00:00:17,040 --> 00:00:14,530
with dr. William bingston about his

3
00:00:19,710 --> 00:00:17,050
amazing research into hands-on healing I

4
00:00:22,560 --> 00:00:19,720
pulled my hands around the cages of the

5
00:00:26,159 --> 00:00:22,570
mice for about an hour a day and I

6
00:00:27,749 --> 00:00:26,169
expected at the time that healing if it

7
00:00:30,690 --> 00:00:27,759
were to work would be something

8
00:00:32,040 --> 00:00:30,700
analogous to radiation but instead the

9
00:00:34,020 --> 00:00:32,050
cancer started to grow and I thought it

10
00:00:35,970 --> 00:00:34,030
was failing tumors got bigger and bigger

11
00:00:38,790 --> 00:00:35,980
thought it wasn't working that may

12
00:00:40,260 --> 00:00:38,800
develop this ulceration on the tumor and

13
00:00:43,170 --> 00:00:40,270

I really thought it wasn't working and

14

00:00:45,450 --> 00:00:43,180

the ulceration grew and the tumor

15

00:00:48,600 --> 00:00:45,460

imploded and the mites were completely

16

00:00:51,270 --> 00:00:48,610

cured unprecedented medically never

17

00:00:53,430 --> 00:00:51,280

happened before for any reason let's

18

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

finish the story right bill I mean so

19

00:00:58,500 --> 00:00:55,840

the world changes you receive the Nobel

20

00:01:00,810 --> 00:00:58,510

Prize for medicine cancer treatments

21

00:01:03,930 --> 00:01:00,820

around the world are revolutionized and

22

00:01:06,630 --> 00:01:03,940

this is the most highly researched area

23

00:01:09,420 --> 00:01:06,640

of medicine right now right I got all

24

00:01:11,850 --> 00:01:09,430

that right except for the entire

25

00:01:14,069 --> 00:01:11,860

scenario yes this is not that can it

26

00:01:15,719 --> 00:01:14,079

take off as you as you suggest this

27

00:01:17,730 --> 00:01:15,729

isn't something that you know therefore

28

00:01:20,789 --> 00:01:17,740

we we've cured a bunch of mice therefore

29

00:01:32,350 --> 00:01:20,799

the cancer industry falses cancer stay

30

00:01:36,170 --> 00:01:34,580

welcome to skeptic oh where we explore

31

00:01:38,870 --> 00:01:36,180

controversial science with leading

32

00:01:40,789 --> 00:01:38,880

researchers thinkers and their critics

33

00:01:42,590 --> 00:01:40,799

I'm your host Aleksic Harrison on this

34

00:01:44,719 --> 00:01:42,600

episode of skeptic oh we're going to

35

00:01:47,539 --> 00:01:44,729

look at some amazing research in the

36

00:01:49,340 --> 00:01:47,549

area of hands-on healing but I have to

37

00:01:52,249 --> 00:01:49,350

tell you what really attracted me to the

38

00:01:55,160 --> 00:01:52,259

work of dr. William Bengston is not so

39

00:01:57,560 --> 00:01:55,170

much the healing aspect of it but what

40

00:01:59,719 --> 00:01:57,570

his research means for science in

41

00:02:02,600 --> 00:01:59,729

general as I've said many times on this

42

00:02:04,940 --> 00:02:02,610

show the biggest hurdle to cross when we

43

00:02:06,590 --> 00:02:04,950

look at controversial science when we

44

00:02:08,779 --> 00:02:06,600

look at science that challenges the

45

00:02:11,930 --> 00:02:08,789

rather narrow worldview we've been

46

00:02:14,570 --> 00:02:11,940

painted in the biggest hurdle is how can

47

00:02:16,850 --> 00:02:14,580

this be how can this possibly be true

48

00:02:19,850 --> 00:02:16,860

and that to me is the question that kept

49

00:02:22,910 --> 00:02:19,860

popping into my mind as I delved into

50

00:02:25,370 --> 00:02:22,920

the work of dr. William Bengston how can

51
00:02:27,550 --> 00:02:25,380
this possibly be true here's my

52
00:02:30,860 --> 00:02:27,560
interview with dr. William Bengston

53
00:02:33,110 --> 00:02:30,870
today we welcome dr. William Bankston -

54
00:02:35,270 --> 00:02:33,120
skeptical Oh bill is a professor of

55
00:02:36,680 --> 00:02:35,280
sociology at Saint Joseph's College in

56
00:02:39,590 --> 00:02:36,690
New York where he specializes in

57
00:02:43,310 --> 00:02:39,600
research methods and statistics and is

58
00:02:45,699 --> 00:02:43,320
the author of the energy cure unraveling

59
00:02:48,250 --> 00:02:45,709
the mystery of hands on healing and

60
00:02:51,289 --> 00:02:48,260
here's the real interesting part

61
00:02:53,690 --> 00:02:51,299
dr. Bankston is an amazing healer

62
00:02:55,759 --> 00:02:53,700
himself and for the past 30 years has

63
00:02:58,789 --> 00:02:55,769

compiled a series of carefully

64

00:03:01,759 --> 00:02:58,799

controlled scientific experiments the

65

00:03:03,680 --> 00:03:01,769

challenge not only our ideas about

66

00:03:07,370 --> 00:03:03,690

healing and medicine but about energy

67

00:03:09,500 --> 00:03:07,380

about belief about science in general

68

00:03:11,150 --> 00:03:09,510

and how we practice it and a whole bunch

69

00:03:14,000 --> 00:03:11,160

of other stuff that I hope we can get to

70

00:03:16,250 --> 00:03:14,010

Bill welcome to skeptic oh thanks so

71

00:03:20,090 --> 00:03:16,260

much for joining me thanks for having me

72

00:03:24,430 --> 00:03:20,100

on Alex so bill your work is really

73

00:03:27,410 --> 00:03:24,440

quite amazing it's it's paradigm busting

74

00:03:30,379 --> 00:03:27,420

mainly because you're such a stickler

75

00:03:33,800 --> 00:03:30,389

for running good experiments and trying

76

00:03:37,340 --> 00:03:33,810

to produce good reliable results and

77

00:03:39,289 --> 00:03:37,350

data yeah that's that's my passion so so

78

00:03:41,990 --> 00:03:39,299

let's you to get get to work right and

79

00:03:43,680 --> 00:03:42,000

see what happens and let nature take its

80

00:03:45,300 --> 00:03:43,690

course and

81

00:03:48,090 --> 00:03:45,310

whenever I run an experiment I'm always

82

00:03:50,450 --> 00:03:48,100

amazed that the data never comes out the

83

00:03:52,980 --> 00:03:50,460

way I expected which pretty much means

84

00:03:55,590 --> 00:03:52,990

we don't really get this stuff yet and

85

00:03:59,460 --> 00:03:55,600

so if we can design some really tight

86

00:04:01,470 --> 00:03:59,470

experiments then nature will hopefully

87

00:04:04,440 --> 00:04:01,480

give up some of her secrets she's a

88

00:04:07,050 --> 00:04:04,450

sneaky one interesting hey tell us a

89

00:04:08,820 --> 00:04:07,060

little bit about your background your

90

00:04:11,880 --> 00:04:08,830

educational background particularly in

91

00:04:14,910 --> 00:04:11,890

sociology and that how that served you

92

00:04:17,070 --> 00:04:14,920

or maybe hasn't served you as you've

93

00:04:19,410 --> 00:04:17,080

tried to wrap your arms around this

94

00:04:22,110 --> 00:04:19,420

healing experience that you have

95

00:04:24,720 --> 00:04:22,120

well I'm traditionally trained in

96

00:04:28,470 --> 00:04:24,730

sociology which means you generally have

97

00:04:30,540 --> 00:04:28,480

a specialization or two and then it's

98

00:04:33,450 --> 00:04:30,550

pretty much assumed that you'll become

99

00:04:36,000 --> 00:04:33,460

technically proficient in designing

100

00:04:38,550 --> 00:04:36,010

studies and data analysis and things

101
00:04:41,100 --> 00:04:38,560
along those lines and I actually went a

102
00:04:44,550 --> 00:04:41,110
little bit farther down those lines I'm

103
00:04:46,380 --> 00:04:44,560
kind of into interested in advanced

104
00:04:49,080 --> 00:04:46,390
statistical modeling and things along

105
00:04:53,670 --> 00:04:49,090
those lines I don't know that the

106
00:04:57,120 --> 00:04:53,680
sociology training other than focusing

107
00:04:58,920 --> 00:04:57,130
me on becoming very very rigorous really

108
00:05:03,150 --> 00:04:58,930
helped in healing I didn't I didn't see

109
00:05:06,180 --> 00:05:03,160
that as a career path it did help in

110
00:05:10,080 --> 00:05:06,190
terms of interpretation of some data

111
00:05:15,630 --> 00:05:10,090
though I have to speculate on that in my

112
00:05:17,940 --> 00:05:15,640
experiments I found that some anomalous

113
00:05:19,620 --> 00:05:17,950

results even within the context of the

114

00:05:22,770 --> 00:05:19,630

anomalies that I normally get from

115

00:05:24,600 --> 00:05:22,780

healing that sometimes the experimental

116

00:05:27,510 --> 00:05:24,610

and control groups become bound together

117

00:05:30,090 --> 00:05:27,520

and I've started to think about this in

118

00:05:32,430 --> 00:05:30,100

terms of maybe this has to do from a

119

00:05:34,740 --> 00:05:32,440

sociological standpoint of group

120

00:05:37,230 --> 00:05:34,750

boundaries sociologists are interested

121

00:05:39,150 --> 00:05:37,240

in groups and how they form and what

122

00:05:42,450 --> 00:05:39,160

they do and the consequences of it and

123

00:05:45,600 --> 00:05:42,460

in my experimental studies much to my

124

00:05:46,920 --> 00:05:45,610

surprise I discovered group boundaries

125

00:05:50,640 --> 00:05:46,930

that I didn't see coming so that

126
00:05:52,650 --> 00:05:50,650
sometimes there's I guess in the popular

127
00:05:55,170 --> 00:05:52,660
terminology that becomes almost like an

128
00:05:57,749 --> 00:05:55,180
entanglement among members of an

129
00:06:00,299 --> 00:05:57,759
experiment and the anomalies per

130
00:06:01,679 --> 00:06:00,309
even more anomalies you know that's

131
00:06:03,299 --> 00:06:01,689
that's interesting and that's a whole

132
00:06:05,879 --> 00:06:03,309
area we could get into it I think you

133
00:06:07,559 --> 00:06:05,889
know entanglement and also this idea of

134
00:06:09,600 --> 00:06:07,569
groups and it has to do with

135
00:06:11,820 --> 00:06:09,610
experimentally what that means in terms

136
00:06:15,450 --> 00:06:11,830
of what is a control group and how the

137
00:06:17,850 --> 00:06:15,460
placebo you even say might drift over

138
00:06:19,920 --> 00:06:17,860

into the into the group but what what

139

00:06:22,529 --> 00:06:19,930

also struck me and what I was getting at

140

00:06:23,640 --> 00:06:22,539

is you know here's a guy when you when

141

00:06:25,170 --> 00:06:23,650

you hear you're sure and I want you to

142

00:06:27,089 --> 00:06:25,180

tell folks a little bit about your story

143

00:06:28,980 --> 00:06:27,099

of how you got into healing you know I

144

00:06:30,839 --> 00:06:28,990

don't think many people would go great

145

00:06:32,969 --> 00:06:30,849

well let's run an experiment and let's

146

00:06:35,939 --> 00:06:32,979

run it this way you know the first thing

147

00:06:38,850 --> 00:06:35,949

because you have to be blown away at

148

00:06:40,619 --> 00:06:38,860

just what happens when you encounter

149

00:06:43,019 --> 00:06:40,629

this healing and yet your first thought

150

00:06:44,850 --> 00:06:43,029

was where's the data how do I produce

151
00:06:46,950 --> 00:06:44,860
the data how do I run an experiment so

152
00:06:48,679 --> 00:06:46,960
maybe let me run the tape backwards in

153
00:06:52,769 --> 00:06:48,689
start and tell folks a little bit about

154
00:06:54,749 --> 00:06:52,779
how you first encountered the healing

155
00:06:56,579 --> 00:06:54,759
phenomena and I guess you encountered it

156
00:06:59,339 --> 00:06:56,589
with with someone else not in yourself

157
00:07:01,920 --> 00:06:59,349
and then you got interested in it yeah I

158
00:07:04,499 --> 00:07:01,930
ran into a guy who was a who claimed

159
00:07:08,610 --> 00:07:04,509
that he had become spontaneously psychic

160
00:07:11,189 --> 00:07:08,620
and I was skeptical I always begin from

161
00:07:13,199 --> 00:07:11,199
a skeptical point of view and so I gave

162
00:07:17,309 --> 00:07:13,209
him a couple of things very informally

163
00:07:19,320 --> 00:07:17,319

to do readings on and such and i l

164

00:07:21,899 --> 00:07:19,330

couldn't trip him up it was it was very

165

00:07:24,989 --> 00:07:21,909

annoying so he would do readings on

166

00:07:27,269 --> 00:07:24,999

personal items wallets and rings and

167

00:07:30,209 --> 00:07:27,279

things like that and until too many

168

00:07:32,670 --> 00:07:30,219

detail things and and as you say l

169

00:07:34,949 --> 00:07:32,680

identified to what how am i deluding

170

00:07:37,019 --> 00:07:34,959

myself how can I make this effect go

171

00:07:38,790 --> 00:07:37,029

away so I designed for example a

172

00:07:43,110 --> 00:07:38,800

double-blind study in the hospital

173

00:07:45,089 --> 00:07:43,120

whereby patients coming in would sign a

174

00:07:47,249 --> 00:07:45,099

blank index card if they were silly

175

00:07:49,230 --> 00:07:47,259

enough to do that and that would be put

176
00:07:51,209 --> 00:07:49,240
into an opaque envelope which we would

177
00:07:52,799 --> 00:07:51,219
be put into another opaque envelope and

178
00:07:54,299 --> 00:07:52,809
then I would pick up the opaque

179
00:07:58,170 --> 00:07:54,309
envelopes and I wouldn't have any idea

180
00:08:01,829 --> 00:07:58,180
even if it was a male or a female ID I

181
00:08:04,230 --> 00:08:01,839
gave these to this this newly minted

182
00:08:05,790 --> 00:08:04,240
psychic and he would physical reading on

183
00:08:07,829 --> 00:08:05,800
them and then I probably broke a whole

184
00:08:11,730 --> 00:08:07,839
lot of laws and had somebody on the

185
00:08:13,950 --> 00:08:11,740
inside look at the the medical records

186
00:08:15,659 --> 00:08:13,960
to see if he was accurate bill what kind

187
00:08:18,029 --> 00:08:15,669
of reading would he give him what would

188
00:08:19,830 --> 00:08:18,039

he say if he has an envelope inside an

189

00:08:22,409 --> 00:08:19,840

envelope with an index card and just

190

00:08:24,420 --> 00:08:22,419

someone's name scribbled on it what kind

191

00:08:25,890 --> 00:08:24,430

of information could he give you oh he

192

00:08:27,719 --> 00:08:25,900

would give detailed information he would

193

00:08:29,909 --> 00:08:27,729

say you got a gallbladder problem so

194

00:08:32,399 --> 00:08:29,919

something along those lines so he'd say

195

00:08:35,639 --> 00:08:32,409

the lungs are filled with fluid he would

196

00:08:37,589 --> 00:08:35,649

say there's paint in this area the

197

00:08:43,219 --> 00:08:37,599

things along those lines there's a tumor

198

00:08:45,360 --> 00:08:43,229

that is located here and and it was

199

00:08:48,060 --> 00:08:45,370

actually pretty startling when I went

200

00:08:49,500 --> 00:08:48,070

back and got the confirmation of this I

201
00:08:51,900 --> 00:08:49,510
actually thought I had him in a mistake

202
00:08:54,410 --> 00:08:51,910
but the hospital had made a mistake so

203
00:08:56,250 --> 00:08:54,420
the person that he had diagnosed was

204
00:08:57,600 --> 00:08:56,260
accurate the hospital had made a

205
00:08:59,760 --> 00:08:57,610
misdiagnosis they came back a month

206
00:09:02,970 --> 00:08:59,770
later and found out that you know his

207
00:09:04,949 --> 00:09:02,980
original ideals right okay yeah it was

208
00:09:06,360 --> 00:09:04,959
pretty nutty but I couldn't make the

209
00:09:09,780 --> 00:09:06,370
effect go away which was pretty annoying

210
00:09:12,210 --> 00:09:09,790
and and so I started to pay attention to

211
00:09:15,449 --> 00:09:12,220
this guy and as he was doing these

212
00:09:17,940 --> 00:09:15,459
physical readings this naturally morphed

213
00:09:20,579 --> 00:09:17,950

into the people he was doing physical

214

00:09:22,199 --> 00:09:20,589

readings on were claiming that the

215

00:09:25,800 --> 00:09:22,209

conditions were being helped on their

216

00:09:29,069 --> 00:09:25,810

end and both he and I thought that was

217

00:09:31,920 --> 00:09:29,079

nuts so let's say someone has a migraine

218

00:09:33,540 --> 00:09:31,930

headache and he does a reading on a

219

00:09:34,650 --> 00:09:33,550

person who has a migraine headache now

220

00:09:36,030 --> 00:09:34,660

he doesn't know their about migraine

221

00:09:37,380 --> 00:09:36,040

headache he's holding something of

222

00:09:39,389 --> 00:09:37,390

theirs and he would get that ache and

223

00:09:41,400 --> 00:09:39,399

and the people would say you know what

224

00:09:44,730 --> 00:09:41,410

such-and-such hour my headache left and

225

00:09:46,290 --> 00:09:44,740

it was too coincidental it was at a

226

00:09:48,030 --> 00:09:46,300

particular hour he'd get it it would

227

00:09:49,110 --> 00:09:48,040

leave them and so we're both scratching

228

00:09:51,120 --> 00:09:49,120

our head going you know what could it

229

00:09:52,680 --> 00:09:51,130

mean you know one of the amazing things

230

00:09:56,130 --> 00:09:52,690

about this whole account this whole

231

00:09:59,610 --> 00:09:56,140

story of you and Bennett is that it's so

232

00:10:01,800 --> 00:09:59,620

counter anti New Age ish you know here

233

00:10:04,319 --> 00:10:01,810

are two guys who are saying what the

234

00:10:06,900 --> 00:10:04,329

heck's going on healing why does

235

00:10:09,300 --> 00:10:06,910

everything you're not going to find

236

00:10:11,370 --> 00:10:09,310

guidance here you're not being you're

237

00:10:14,550 --> 00:10:11,380

not even looking in that direction and

238

00:10:16,829 --> 00:10:14,560

yet you're the data again as you say is

239

00:10:19,079 --> 00:10:16,839

just pulling you there so what's the

240

00:10:22,890 --> 00:10:19,089

next step for you and trying to make

241

00:10:25,530 --> 00:10:22,900

this technique operational and how did

242

00:10:29,400 --> 00:10:25,540

you get pulled into it well I pulled it

243

00:10:32,280 --> 00:10:29,410

by having myself fixed which was my next

244

00:10:34,170 --> 00:10:32,290

layer of annoyance I had had a

245

00:10:37,019 --> 00:10:34,180

chronically bad back for a bunch of

246

00:10:38,569 --> 00:10:37,029

years and and I had previously been a

247

00:10:41,460 --> 00:10:38,579

competitive swimmer and had to give up

248

00:10:45,990 --> 00:10:41,470

competitive swimming because of the bad

249

00:10:47,249 --> 00:10:46,000

back and as this guy Bennett is is he

250

00:10:49,009 --> 00:10:47,259

and I are going through and we're doing

251
00:10:51,439 --> 00:10:49,019
these readings and such and and

252
00:10:53,819 --> 00:10:51,449
gathering all these silly anecdotes

253
00:10:56,639 --> 00:10:53,829
suddenly it occurred to me you know you

254
00:10:58,920 --> 00:10:56,649
big dope you're in pain all the time ask

255
00:11:00,420 --> 00:10:58,930
the guy to try to help so I thought well

256
00:11:02,009 --> 00:11:00,430
maybe if I give him something he'll do a

257
00:11:05,519 --> 00:11:02,019
reading on me and maybe he can have my

258
00:11:07,800 --> 00:11:05,529
back he picked up the pain just as I

259
00:11:11,670 --> 00:11:07,810
thought of that I didn't actually give

260
00:11:13,499 --> 00:11:11,680
him an object and I said put your hands

261
00:11:15,629 --> 00:11:13,509
on my back and he said then and do what

262
00:11:17,519 --> 00:11:15,639
I said I don't know fix it and and so he

263
00:11:20,910 --> 00:11:17,529

put his hands on my back and quite

264

00:11:22,710 --> 00:11:20,920

astonishingly he did fix it I was the

265

00:11:27,569 --> 00:11:22,720

first person he ever deliberately healed

266

00:11:29,309 --> 00:11:27,579

with hands on and so we went from this

267

00:11:32,129 --> 00:11:29,319

and so what do we do with this and we

268

00:11:33,870 --> 00:11:32,139

started to watch people put hands on

269

00:11:37,139 --> 00:11:33,880

people and see what happens and

270

00:11:40,350 --> 00:11:37,149

sometimes pain was alleviated sometimes

271

00:11:42,629 --> 00:11:40,360

fast sometimes not so fast and in

272

00:11:45,120 --> 00:11:42,639

watching this on a couple hundred people

273

00:11:49,259 --> 00:11:45,130

it started to pattern started to emerge

274

00:11:51,300 --> 00:11:49,269

that for example malignant growths

275

00:11:54,600 --> 00:11:51,310

responded very very quickly

276

00:11:56,970 --> 00:11:54,610

benign growths didn't so if he put his

277

00:11:59,579 --> 00:11:56,980

hands for example on a wart nothing

278

00:12:02,730 --> 00:11:59,589

would happen nothing at all if he put

279

00:12:05,220 --> 00:12:02,740

his hands on it on a lump that turned

280

00:12:07,019 --> 00:12:05,230

out through medical diagnosis to be

281

00:12:09,629 --> 00:12:07,029

malignant the thing would respond very

282

00:12:12,389 --> 00:12:09,639

very quickly and dramatically and so it

283

00:12:14,490 --> 00:12:12,399

turned out that some things he could do

284

00:12:15,900 --> 00:12:14,500

and some things he couldn't do and among

285

00:12:18,389 --> 00:12:15,910

the things he was particularly good at

286

00:12:20,340 --> 00:12:18,399

were malignant tumors and Bill let me

287

00:12:22,290 --> 00:12:20,350

interject here because from a little bit

288

00:12:26,670 --> 00:12:22,300

I know of your work you're very careful

289

00:12:29,610 --> 00:12:26,680

about drawing too many conclusions from

290

00:12:31,740 --> 00:12:29,620

what that means or what's behind that

291

00:12:33,840 --> 00:12:31,750

you're more or less just seeing the

292

00:12:35,040 --> 00:12:33,850

patterns that exist and the personal

293

00:12:37,110 --> 00:12:35,050

experience I mean for example your

294

00:12:38,570 --> 00:12:37,120

healing I mean you go on and you're a

295

00:12:40,610 --> 00:12:38,580

pretty darn competitive

296

00:12:42,290 --> 00:12:40,620

tennis player and I hear ping pong

297

00:12:43,880 --> 00:12:42,300

player and all the rest so I mean your

298

00:12:46,310 --> 00:12:43,890

back is obviously healed you got the

299

00:12:49,310 --> 00:12:46,320

proof there but tell us a little bit

300

00:12:51,829 --> 00:12:49,320

about you the experiments that you've

301
00:12:52,940 --> 00:12:51,839
run clinically and people need to know

302
00:12:55,430 --> 00:12:52,950
these are experiments you've run

303
00:12:57,440 --> 00:12:55,440
clinically in university labs I mean

304
00:12:59,360 --> 00:12:57,450
this isn't just a guy in as a kitchen

305
00:12:59,690 --> 00:12:59,370
you know I think people come in and do

306
00:13:01,280 --> 00:12:59,700
stuff

307
00:13:03,620 --> 00:13:01,290
I mean you've run some really pretty

308
00:13:04,639 --> 00:13:03,630
rigorous experiments tell us about some

309
00:13:06,590 --> 00:13:04,649
of those I think people would just be

310
00:13:09,829 --> 00:13:06,600
amazed and and what you've found in some

311
00:13:11,389 --> 00:13:09,839
of those and I guess obviously what what

312
00:13:13,130 --> 00:13:11,399
you were getting to you know what drove

313
00:13:17,230 --> 00:13:13,140

you to design the experiment the way

314

00:13:21,620 --> 00:13:17,240

that you did well starting from these

315

00:13:24,079 --> 00:13:21,630

clinical observations and they were kind

316

00:13:27,259 --> 00:13:24,089

of case-by-case relatively haphazard

317

00:13:29,269 --> 00:13:27,269

observations that for example malignant

318

00:13:31,009 --> 00:13:29,279

growths respond quickly and benign

319

00:13:32,720 --> 00:13:31,019

growths don't respond so quickly or

320

00:13:35,690 --> 00:13:32,730

sometimes not at all

321

00:13:36,980 --> 00:13:35,700

you thought to myself how do we how

322

00:13:40,090 --> 00:13:36,990

we're going to get a handle on this how

323

00:13:43,430 --> 00:13:40,100

are we gonna go from spontaneous

324

00:13:45,560 --> 00:13:43,440

clinical haphazard kind of experience to

325

00:13:47,060 --> 00:13:45,570

very controlled conditions something

326

00:13:50,150 --> 00:13:47,070

along the lines of when I study I

327

00:13:52,400 --> 00:13:50,160

designed the double-blind study of doing

328

00:13:53,690 --> 00:13:52,410

readings in a hospital what's the

329

00:13:55,430 --> 00:13:53,700

difference between hanging out in the

330

00:13:58,000 --> 00:13:55,440

living room and doing something under

331

00:14:00,889 --> 00:13:58,010

controlled conditions and sometimes

332

00:14:03,519 --> 00:14:00,899

there there have been in the past some

333

00:14:06,470 --> 00:14:03,529

problems trying to make this transition

334

00:14:08,900 --> 00:14:06,480

so the freedom that people have in the

335

00:14:11,600 --> 00:14:08,910

normal world when they bring it into the

336

00:14:12,860 --> 00:14:11,610

lab sometimes it gets stymied and I

337

00:14:17,060 --> 00:14:12,870

wanted to find out if that would be the

338

00:14:21,290 --> 00:14:17,070

case so I wanted an absolute airtight no

339

00:14:23,660 --> 00:14:21,300

question about it test that if it worked

340

00:14:26,540 --> 00:14:23,670

you didn't have a viable counter

341

00:14:28,160 --> 00:14:26,550

hypothesis so we're not talking about as

342

00:14:31,550 --> 00:14:28,170

something that was interesting but

343

00:14:33,340 --> 00:14:31,560

rather a slam dunk and since this guy

344

00:14:36,800 --> 00:14:33,350

seemed to be particularly good on

345

00:14:38,360 --> 00:14:36,810

malignant growths I thought well let's

346

00:14:39,829 --> 00:14:38,370

see if we can get a study with malignant

347

00:14:43,100 --> 00:14:39,839

growths under controlled laboratory

348

00:14:45,530 --> 00:14:43,110

conditions and so a friend of mine Dave

349

00:14:49,900 --> 00:14:45,540

Presley was associated with City

350

00:14:51,660 --> 00:14:49,910

University of New York in an academic

351

00:14:53,430 --> 00:14:51,670

professorship and

352

00:14:55,950 --> 00:14:53,440

he called it a bunch of favours there

353

00:14:57,870 --> 00:14:55,960

and he called in a bunch of favors with

354

00:15:00,420 --> 00:14:57,880

the biology department and said where

355

00:15:02,030 --> 00:15:00,430

can we get really an airtight no

356

00:15:04,770 --> 00:15:02,040

question about it

357

00:15:06,570 --> 00:15:04,780

really tight experimental model and they

358

00:15:08,730 --> 00:15:06,580

were working for twenty years on a

359

00:15:11,580 --> 00:15:08,740

particular memory cancer in laboratory

360

00:15:14,910 --> 00:15:11,590

mice and the laboratory cancers in the

361

00:15:16,050 --> 00:15:14,920

in the mice they know exactly what's

362

00:15:17,850 --> 00:15:16,060

going to happen there were literally

363

00:15:20,280 --> 00:15:17,860

thousands of published studies on these

364

00:15:21,780 --> 00:15:20,290

mice and they get injected with a

365

00:15:24,150 --> 00:15:21,790

particular form of cancer there

366

00:15:26,400 --> 00:15:24,160

particularly bred they're actually

367

00:15:27,690 --> 00:15:26,410

pretty inbred and after they're injected

368

00:15:29,010 --> 00:15:27,700

you know exactly what's going to happen

369

00:15:30,840 --> 00:15:29,020

the tumor is going to grow it's going to

370

00:15:33,390 --> 00:15:30,850

be non-metastatic it's going to kill the

371

00:15:35,720 --> 00:15:33,400

mouse in a certain number of days and at

372

00:15:38,970 --> 00:15:35,730

the time we started this the Rickard

373

00:15:40,740 --> 00:15:38,980

living Mouse was twenty seven days no

374

00:15:42,750 --> 00:15:40,750

mouse and literally thousands of

375

00:15:44,520 --> 00:15:42,760

experiments had lived longer than twenty

376

00:15:47,010 --> 00:15:44,530

seven days after injection with this

377

00:15:48,960 --> 00:15:47,020

particular mammary cancer and you know

378

00:15:50,520 --> 00:15:48,970

exactly how many mice would die on what

379

00:15:53,610 --> 00:15:50,530

particular day after injection because

380

00:15:56,280 --> 00:15:53,620

it's again very well documented found in

381

00:15:59,970 --> 00:15:56,290

labs all over the world so we said this

382

00:16:02,580 --> 00:15:59,980

is perfect but mice presumably don't

383

00:16:05,910 --> 00:16:02,590

believe much maybe this has nothing to

384

00:16:08,340 --> 00:16:05,920

his belief we didn't believe much we

385

00:16:09,510 --> 00:16:08,350

were just observing maybe it's doesn't

386

00:16:11,640 --> 00:16:09,520

make any difference for the healer or

387

00:16:13,350 --> 00:16:11,650

the Healey bleats let's find out if

388

00:16:16,790 --> 00:16:13,360

there's a real underlying biological

389

00:16:19,770 --> 00:16:16,800

mechanism going on so it turned out that

390

00:16:21,090 --> 00:16:19,780

this original guy Ben was not

391

00:16:22,770 --> 00:16:21,100

particularly interested in doing

392

00:16:25,800 --> 00:16:22,780

experiments I had dragged him from labs

393

00:16:27,900 --> 00:16:25,810

to labs and I think I pushed too many

394

00:16:30,450 --> 00:16:27,910

buttons and he kind of backed out and

395

00:16:32,940 --> 00:16:30,460

then I was left with we have

396

00:16:37,560 --> 00:16:32,950

experimental mice and we have no healer

397

00:16:40,800 --> 00:16:37,570

that was a dilemma it was actually

398

00:16:43,260 --> 00:16:40,810

bordering on panic and since I had spent

399

00:16:44,700 --> 00:16:43,270

the most time with this guy Prince Lee

400

00:16:46,200 --> 00:16:44,710

suggested what are you doing now I

401
00:16:47,520 --> 00:16:46,210
thought me I'm not a healer you know you

402
00:16:49,380 --> 00:16:47,530
introduced me as somebody who has

403
00:16:50,520 --> 00:16:49,390
healing ability I've actually never

404
00:16:52,710 --> 00:16:50,530
thought of myself as someone with

405
00:16:55,050 --> 00:16:52,720
healing ability it's just this stuff

406
00:16:56,820 --> 00:16:55,060
happens when you do this stuff it's not

407
00:16:58,680 --> 00:16:56,830
I don't I don't think it's not my

408
00:17:00,120 --> 00:16:58,690
identity in any way shape or form so

409
00:17:02,100 --> 00:17:00,130
I'll just kind of hang around and you

410
00:17:04,380 --> 00:17:02,110
can produce healing if you need to so I

411
00:17:05,340 --> 00:17:04,390
put my hands around the cages of the

412
00:17:08,400 --> 00:17:05,350
mice for

413
00:17:12,120 --> 00:17:08,410

an hour a day and I expected at the time

414

00:17:15,270 --> 00:17:12,130

that healing if it were to work would be

415

00:17:18,029 --> 00:17:15,280

something analogous to radiation so if

416

00:17:21,720 --> 00:17:18,039

you take mice and you radiate them you

417

00:17:24,090 --> 00:17:21,730

can kill the radiated cells and I

418

00:17:25,829 --> 00:17:24,100

thought well forget these mice close

419

00:17:29,220 --> 00:17:25,839

enough to their injection time and we

420

00:17:31,470 --> 00:17:29,230

zap them as it were with healing then

421

00:17:33,360 --> 00:17:31,480

then maybe something like radiation

422

00:17:35,039 --> 00:17:33,370

occurs and we're killing the cancer or

423

00:17:36,720 --> 00:17:35,049

you know something along those lines but

424

00:17:39,330 --> 00:17:36,730

instead the cancer started to grow and I

425

00:17:41,460 --> 00:17:39,340

thought it was failing and so the tumors

426

00:17:43,200 --> 00:17:41,470

grew and I said well didn't work you

427

00:17:46,140 --> 00:17:43,210

know he gave a shock didn't work and so

428

00:17:48,930 --> 00:17:46,150

it goes and and I said let's call it off

429

00:17:50,490 --> 00:17:48,940

why I put the mice through this and I

430

00:17:52,500 --> 00:17:50,500

got talked into well go a little longer

431

00:17:54,720 --> 00:17:52,510

go a little longer so the tumors kept

432

00:17:57,149 --> 00:17:54,730

growing and I kept thinking well this

433

00:18:00,090 --> 00:17:57,159

doesn't work and I kept reading anyway

434

00:18:01,909 --> 00:18:00,100

tumors got bigger and bigger thought it

435

00:18:04,260 --> 00:18:01,919

wasn't working that may develop this

436

00:18:05,970 --> 00:18:04,270

ulceration on the tumor and I really

437

00:18:08,760 --> 00:18:05,980

thought it wasn't working and the

438

00:18:11,810 --> 00:18:08,770

ulceration grew and the tumor imploded

439

00:18:14,070 --> 00:18:11,820

and the mice were completely cured

440

00:18:16,830 --> 00:18:14,080

unprecedented medically in this

441

00:18:18,810 --> 00:18:16,840

particular biological experiment with

442

00:18:21,870 --> 00:18:18,820

these particular mice right now never

443

00:18:24,060 --> 00:18:21,880

happened before for any reason so the

444

00:18:26,610 --> 00:18:24,070

world's longest living Mouse up to me

445

00:18:29,370 --> 00:18:26,620

was 27 days and it went through this

446

00:18:32,070 --> 00:18:29,380

process of growth than ulceration and

447

00:18:34,500 --> 00:18:32,080

implosion and the mice were cured

448

00:18:35,870 --> 00:18:34,510

I used to say they remitted but I buy

449

00:18:39,149 --> 00:18:35,880

all this time that's the wrong word

450

00:18:41,360 --> 00:18:39,159

because remitted means a reduction in

451
00:18:44,940 --> 00:18:41,370
symptoms or a temporary disappearance

452
00:18:46,649 --> 00:18:44,950
these mice are cured for life so we

453
00:18:48,090 --> 00:18:46,659
watch them and we we leave them for two

454
00:18:49,680 --> 00:18:48,100
years and they live out their normal

455
00:18:52,110 --> 00:18:49,690
lifespan hanging out being completely

456
00:18:54,750 --> 00:18:52,120
happy and it goes even further than that

457
00:18:57,630 --> 00:18:54,760
we've read about the cancer the cancer

458
00:19:00,120 --> 00:18:57,640
won't take anymore so mice that are

459
00:19:02,279 --> 00:19:00,130
cured are cured for life you know one of

460
00:19:05,789 --> 00:19:02,289
the things when you hear that story in

461
00:19:07,950 --> 00:19:05,799
the unbelievability of it it takes you

462
00:19:09,810 --> 00:19:07,960
in so many different ways I mean what

463
00:19:12,330 --> 00:19:09,820

let's finish the story right though I

464

00:19:15,060 --> 00:19:12,340

mean so the world changes you receive

465

00:19:16,649 --> 00:19:15,070

the Nobel Prize for medicine cancer

466

00:19:18,890 --> 00:19:16,659

treatments around the world are

467

00:19:23,030 --> 00:19:18,900

revolutionized and this is the most

468

00:19:25,600 --> 00:19:23,040

a highly researched area of Medicine

469

00:19:28,430 --> 00:19:25,610

right now right I got all that right

470

00:19:31,070 --> 00:19:28,440

except for the entire scenario yes this

471

00:19:33,830 --> 00:19:31,080

is not I can it take off as you as you

472

00:19:35,330 --> 00:19:33,840

suggested that that would be my guess

473

00:19:37,460 --> 00:19:35,340

yeah so this is this isn't something

474

00:19:39,200 --> 00:19:37,470

that you know therefore we we've cured a

475

00:19:41,390 --> 00:19:39,210

bunch of mice there for the cancer

476

00:19:43,250 --> 00:19:41,400

industry falters tense we got to find

477

00:19:46,430 --> 00:19:43,260

out what's going on in and that's where

478

00:19:49,250 --> 00:19:46,440

it gets even more challenging what do

479

00:19:51,230 --> 00:19:49,260

you think is going on well i replicate

480

00:19:55,490 --> 00:19:51,240

addthis experiment now about a dozen

481

00:19:58,700 --> 00:19:55,500

times and I use sometimes not always but

482

00:20:02,050 --> 00:19:58,710

I use sometimes other people who have no

483

00:20:04,190 --> 00:20:02,060

experience in healing and who are all

484

00:20:06,260 --> 00:20:04,200

skeptics in the real sense of the word

485

00:20:08,000 --> 00:20:06,270

tell us a little bit about your process

486

00:20:10,400 --> 00:20:08,010

in terms of screening these folks I

487

00:20:13,460 --> 00:20:10,410

think it's really funny but but also

488

00:20:15,380 --> 00:20:13,470

interesting what I was able to cure a

489

00:20:18,200 --> 00:20:15,390

bunch of mice I thought to myself well

490

00:20:20,390 --> 00:20:18,210

obviously this is pretty curious and the

491

00:20:23,060 --> 00:20:20,400

first thing we need to do is see if

492

00:20:25,250 --> 00:20:23,070

this replicates who did what to do some

493

00:20:28,520 --> 00:20:25,260

flaw in the procedure was it a fluke

494

00:20:31,340 --> 00:20:28,530

what and and there was in my mind also a

495

00:20:33,530 --> 00:20:31,350

lingering fear what if what if I can do

496

00:20:35,210 --> 00:20:33,540

it and other people can't I mean that

497

00:20:39,860 --> 00:20:35,220

would be curious but it wouldn't be very

498

00:20:42,050 --> 00:20:39,870

useful so what I did is I decided to get

499

00:20:43,850 --> 00:20:42,060

some people who had no experience in

500

00:20:46,010 --> 00:20:43,860

this trained them in the healing

501
00:20:47,900 --> 00:20:46,020
techniques that uh that Ben and I had

502
00:20:51,860 --> 00:20:47,910
worked out and see what happens when

503
00:20:55,670 --> 00:20:51,870
they do it and I went to a number of

504
00:20:58,070 --> 00:20:55,680
students um and said I'd like to do a

505
00:21:00,410 --> 00:20:58,080
healing experiment if they responded to

506
00:21:01,880 --> 00:21:00,420
me gee that's that's wonderful I like

507
00:21:04,550 --> 00:21:01,890
the stuff for I know about this stuff

508
00:21:06,860 --> 00:21:04,560
and all that I said well thank you for

509
00:21:10,520 --> 00:21:06,870
your interest and I left and he want

510
00:21:12,950 --> 00:21:10,530
them I didn't want someone who knew I

511
00:21:16,130 --> 00:21:12,960
didn't want someone who was already into

512
00:21:18,140 --> 00:21:16,140
he I wanted a really a blank slate and I

513
00:21:21,050 --> 00:21:18,150

wanted someone who my actual criteria

514

00:21:23,300 --> 00:21:21,060

was they either had to laugh in my face

515

00:21:25,750 --> 00:21:23,310

when I asked him what I when I tell them

516

00:21:30,020 --> 00:21:25,760

what I want him to do or they had to

517

00:21:31,310 --> 00:21:30,030

express extreme skepticism something

518

00:21:32,390 --> 00:21:31,320

along lines that no really what do you

519

00:21:34,400 --> 00:21:32,400

want me to do

520

00:21:36,830 --> 00:21:34,410

and I'd say I'm going to teach you for

521

00:21:38,210 --> 00:21:36,840

about six weeks on how to do some

522

00:21:39,650 --> 00:21:38,220

healing techniques and then you're going

523

00:21:40,940 --> 00:21:39,660

to get cancerous mice and you're going

524

00:21:42,500 --> 00:21:40,950

to put your hands around the cage for an

525

00:21:44,630 --> 00:21:42,510

hour a day and we're going to see what

526
00:21:46,070 --> 00:21:44,640
happens and they'd go no really what do

527
00:21:48,470 --> 00:21:46,080
you want me to do one of the things

528
00:21:50,270 --> 00:21:48,480
that's so great about this is that

529
00:21:52,010 --> 00:21:50,280
you're coming at it from such a

530
00:21:54,230 --> 00:21:52,020
different perspective than we normally

531
00:21:57,140 --> 00:21:54,240
hear again kind of contrasting it with

532
00:22:00,770 --> 00:21:57,150
so much of the new-age --is-- kind of

533
00:22:02,330 --> 00:22:00,780
ideas about healing and that's that you

534
00:22:03,800 --> 00:22:02,340
know you're not even what you said a

535
00:22:05,810 --> 00:22:03,810
minute ago bill you know you're not even

536
00:22:07,580 --> 00:22:05,820
invested in the term healer you know you

537
00:22:09,080 --> 00:22:07,590
feel a little uncomfortable like I I'm

538
00:22:10,460 --> 00:22:09,090

not a healer you know this thing just

539

00:22:12,080 --> 00:22:10,470

kind of happened I spend this experiment

540

00:22:15,050 --> 00:22:12,090

had to do it you took the same approach

541

00:22:16,910 --> 00:22:15,060

in turning this into some kind of

542

00:22:19,010 --> 00:22:16,920

methodology a technique that you could

543

00:22:21,350 --> 00:22:19,020

train other people with just again

544

00:22:23,360 --> 00:22:21,360

following the data and in the process of

545

00:22:26,420 --> 00:22:23,370

doing that I think you really give us a

546

00:22:29,330 --> 00:22:26,430

whole fresh look on assumptions that

547

00:22:31,970 --> 00:22:29,340

we've had about alternative medicine and

548

00:22:34,670 --> 00:22:31,980

healing in particular any thoughts on

549

00:22:37,910 --> 00:22:34,680

some of that on some of the the new age'

550

00:22:40,850 --> 00:22:37,920

SH beliefs that you're kind of stomping

551

00:22:42,710 --> 00:22:40,860

on here well could be honest I don't

552

00:22:46,310 --> 00:22:42,720

know that much about healing

553

00:22:48,980 --> 00:22:46,320

I don't know comparative healing systems

554

00:22:50,510 --> 00:22:48,990

and I've never studied healing and you

555

00:22:52,970 --> 00:22:50,520

know bill because it's out there the

556

00:22:54,980 --> 00:22:52,980

idea of a positive mental attitude the

557

00:22:57,350 --> 00:22:54,990

idea of visualizing those little white

558

00:22:59,450 --> 00:22:57,360

cells and red cells and having this

559

00:23:02,390 --> 00:22:59,460

little war you know all these ideas

560

00:23:03,920 --> 00:23:02,400

about about belief and even if we want

561

00:23:06,080 --> 00:23:03,930

to pull it over into the spiritual realm

562

00:23:08,450 --> 00:23:06,090

hit your local hospital there there's

563

00:23:10,820 --> 00:23:08,460

the prayer circle group right down the

564

00:23:13,310 --> 00:23:10,830

hall that's you know trying to marshal

565

00:23:15,380 --> 00:23:13,320

all this spiritual energy behind it so

566

00:23:18,410 --> 00:23:15,390

you know out in the air there's a lot of

567

00:23:19,850 --> 00:23:18,420

these other ideas that your research

568

00:23:23,450 --> 00:23:19,860

really kind of flies in the face of a

569

00:23:25,960 --> 00:23:23,460

lot of that yeah it may come really just

570

00:23:28,970 --> 00:23:25,970

from my personal orientation and and

571

00:23:32,810 --> 00:23:28,980

generically belief scares me belief

572

00:23:34,880 --> 00:23:32,820

scares me and believers scare me and by

573

00:23:37,160 --> 00:23:34,890

that I mean that sounds extreme but it

574

00:23:41,180 --> 00:23:37,170

actually is the case that that believers

575

00:23:43,070 --> 00:23:41,190

scare me because they they believe and

576
00:23:44,860 --> 00:23:43,080
and they have the delusion that they had

577
00:23:46,090 --> 00:23:44,870
the truth

578
00:23:47,950 --> 00:23:46,100
and I don't care what it is that they

579
00:23:50,590 --> 00:23:47,960
think they know or think they have the

580
00:23:52,750 --> 00:23:50,600
truth about oh they just scare me

581
00:23:56,580 --> 00:23:52,760
because I don't know anybody who has any

582
00:23:59,530 --> 00:23:56,590
truth and so you have been believers a

583
00:24:00,130 --> 00:23:59,540
tendency to act in defense of those

584
00:24:04,390 --> 00:24:00,140
beliefs

585
00:24:08,650 --> 00:24:04,400
mm-hmm and so I for example have spoken

586
00:24:10,060 --> 00:24:08,660
to sceptical organizations so I've been

587
00:24:13,720 --> 00:24:10,070
invited by you know the such-and-such

588
00:24:15,880 --> 00:24:13,730

skeptic Society and and I usually begin

589

00:24:17,350 --> 00:24:15,890

to talk to a skeptic society by saying

590

00:24:21,520 --> 00:24:17,360

I'm probably the only skeptic in the

591

00:24:23,260 --> 00:24:21,530

room that gets a Mohar um fee and they

592

00:24:25,330 --> 00:24:23,270

fold their arms and legs and contort

593

00:24:26,680 --> 00:24:25,340

their faces and things as nowhere the

594

00:24:29,500 --> 00:24:26,690

skeptic Society so you're not really

595

00:24:31,570 --> 00:24:29,510

skeptics you're believers you already

596

00:24:32,790 --> 00:24:31,580

believe that the things I haven't yet

597

00:24:36,730 --> 00:24:32,800

said are wrong

598

00:24:38,890 --> 00:24:36,740

how do those talks go well they her up

599

00:24:41,200 --> 00:24:38,900

400 her up in a Rompin and again they go

600

00:24:43,660 --> 00:24:41,210

into pretzel mode and contort themselves

601
00:24:45,040 --> 00:24:43,670
and and it's a very interesting this is

602
00:24:47,919 --> 00:24:45,050
an interesting social psychological

603
00:24:50,830 --> 00:24:47,929
phenomenon because I simply present my

604
00:24:52,600 --> 00:24:50,840
data and and so you know I have mice I

605
00:24:55,090 --> 00:24:52,610
have many experiments I have many

606
00:24:57,070 --> 00:24:55,100
experiments and all sorts of things many

607
00:24:59,169 --> 00:24:57,080
dozens and dozens of experiments and a

608
00:25:00,730 --> 00:24:59,179
variety of things in healing and the

609
00:25:02,440 --> 00:25:00,740
experiments of experiments so the issue

610
00:25:05,140 --> 00:25:02,450
is have I done something wrong

611
00:25:06,880 --> 00:25:05,150
in which case I'm absolutely interested

612
00:25:08,350 --> 00:25:06,890
in what I did wrong if I haven't done

613
00:25:10,000 --> 00:25:08,360

anything wrong and these are the results

614

00:25:12,100 --> 00:25:10,010

and it's a reliable phenomenon what's

615

00:25:13,840 --> 00:25:12,110

your beef and so they're they're

616

00:25:16,360 --> 00:25:13,850

contouring and they can't they can't

617

00:25:18,070 --> 00:25:16,370

find a flaw in what I did and sometimes

618

00:25:20,260 --> 00:25:18,080

they're oncologists in the audience and

619

00:25:21,970 --> 00:25:20,270

sometimes there's there's physicians of

620

00:25:24,100 --> 00:25:21,980

various stripe and sometimes there's

621

00:25:26,200 --> 00:25:24,110

biologists and sometimes and nobody can

622

00:25:27,730 --> 00:25:26,210

find a flaw and I'm saying hey if you

623

00:25:29,590 --> 00:25:27,740

can find a flaw you know I would say

624

00:25:31,090 --> 00:25:29,600

thank you you know if I screwed up I

625

00:25:33,640 --> 00:25:31,100

didn't know I screwed up but if I did

626
00:25:36,070 --> 00:25:33,650
show me how and I'll make it better and

627
00:25:37,780 --> 00:25:36,080
so I present the stuff and they can't

628
00:25:39,190 --> 00:25:37,790
find a hole in the stuff that I do and

629
00:25:41,650 --> 00:25:39,200
then the interesting social

630
00:25:43,810 --> 00:25:41,660
psychological phenomenon is since this

631
00:25:46,480 --> 00:25:43,820
is a skeptic society it's really not

632
00:25:48,520 --> 00:25:46,490
it's a pure society but it since it's a

633
00:25:50,140 --> 00:25:48,530
skeptic society they have a certain

634
00:25:52,360 --> 00:25:50,150
amount of social pressure they're not

635
00:25:54,790 --> 00:25:52,370
allowed to go Wow

636
00:25:55,840 --> 00:25:54,800
right they're not allowed to convert

637
00:25:57,760 --> 00:25:55,850
because they have to defend their

638
00:25:58,870 --> 00:25:57,770

beliefs because they're not skeptical

639

00:26:01,210 --> 00:25:58,880

they're believers

640

00:26:03,039 --> 00:26:01,220

and so what happens at the end is I'm

641

00:26:05,230 --> 00:26:03,049

cleaning up or doing this or that and

642

00:26:07,450 --> 00:26:05,240

the whole will start to thin out and

643

00:26:11,080 --> 00:26:07,460

such and and one by one they look around

644

00:26:13,029 --> 00:26:11,090

and to see if it's safe and they come up

645

00:26:16,450 --> 00:26:13,039

to me and they go that was great

646

00:26:19,029 --> 00:26:16,460

and then they run off because they can't

647

00:26:21,299 --> 00:26:19,039

be seating speaking to the crazy guy

648

00:26:24,070 --> 00:26:21,309

well you'd probably have the same

649

00:26:26,560 --> 00:26:24,080

reaction if you went down to the local

650

00:26:28,930 --> 00:26:26,570

church group as well you'd have this

651
00:26:30,519 --> 00:26:28,940
thing the same thing people looking

652
00:26:32,860 --> 00:26:30,529
around and wanting to know if it's okay

653
00:26:35,950 --> 00:26:32,870
to even entertain these thoughts and

654
00:26:39,009 --> 00:26:35,960
then most of them deciding that it's not

655
00:26:41,409 --> 00:26:39,019
and a few brave souls walking up and

656
00:26:44,619 --> 00:26:41,419
said in telling you their their story of

657
00:26:47,710 --> 00:26:44,629
how how it relates to them yeah but

658
00:26:49,600 --> 00:26:47,720
there are there are many more in my my

659
00:26:51,700 --> 00:26:49,610
experience or many more believers and

660
00:26:54,009 --> 00:26:51,710
skeptics and they just believe different

661
00:26:55,600 --> 00:26:54,019
things so the New Age folks are

662
00:26:57,749 --> 00:26:55,610
believers that's what I've run into

663
00:26:59,830 --> 00:26:57,759

again I am NOT I don't mean to

664

00:27:01,629 --> 00:26:59,840

generalize to everybody but my

665

00:27:03,999 --> 00:27:01,639

experience is there's a lot of believers

666

00:27:06,279 --> 00:27:04,009

among the aged folks and there's a lot

667

00:27:08,409 --> 00:27:06,289

of believers among allegedly skeptical

668

00:27:11,139 --> 00:27:08,419

societies and they simply believe

669

00:27:13,690 --> 00:27:11,149

different things and my question becomes

670

00:27:17,499 --> 00:27:13,700

well if you're simply defending your

671

00:27:20,139 --> 00:27:17,509

belief what's the point for openers but

672

00:27:21,999 --> 00:27:20,149

secondly I think an interesting question

673

00:27:24,009 --> 00:27:22,009

would be what would it take for anyone

674

00:27:26,200 --> 00:27:24,019

on any side of any fence to convert

675

00:27:28,539 --> 00:27:26,210

right you want to talk about coal

676
00:27:30,759 --> 00:27:28,549
psychology and sociology I mean you've

677
00:27:33,879 --> 00:27:30,769
just jumped right into this soup there

678
00:27:34,899 --> 00:27:33,889
yeah so if you are a non-believer in

679
00:27:36,340 --> 00:27:34,909
this stuff what would it take to

680
00:27:38,049 --> 00:27:36,350
convince you otherwise if you're a

681
00:27:40,629 --> 00:27:38,059
believer won't it take you to to flip

682
00:27:42,220 --> 00:27:40,639
again to non-belief you know and this

683
00:27:43,810 --> 00:27:42,230
could be it doesn't have to be for

684
00:27:45,940 --> 00:27:43,820
healing this could be for absolutely

685
00:27:47,440 --> 00:27:45,950
anything so I mean right now it's

686
00:27:49,930 --> 00:27:47,450
politically correct to believe in global

687
00:27:53,769 --> 00:27:49,940
warming hey more to the point in terms

688
00:27:56,769 --> 00:27:53,779

of SSC it's it's politically correct in

689

00:27:59,470 --> 00:27:56,779

the United States to believe in biotic

690

00:28:00,639 --> 00:27:59,480

oil and peak oil yeah and I mean this is

691

00:28:03,399 --> 00:28:00,649

one of the first articles I remember

692

00:28:05,889 --> 00:28:03,409

reading in the SSC the Society for

693

00:28:07,690 --> 00:28:05,899

scientific exploration journal it was

694

00:28:10,119 --> 00:28:07,700

years ago and it opened my eyes to you

695

00:28:11,779 --> 00:28:10,129

know there's over 200 peer-reviewed

696

00:28:14,389 --> 00:28:11,789

scientific leap

697

00:28:17,149 --> 00:28:14,399

pushed articles in the Russia in Russia

698

00:28:19,219 --> 00:28:17,159

in the former Soviet Union on a biotic

699

00:28:20,930 --> 00:28:19,229

oil the idea that oil is created

700

00:28:22,879 --> 00:28:20,940

naturally and they go with that

701

00:28:24,379 --> 00:28:22,889

assumption they drilled a lot further

702

00:28:26,090 --> 00:28:24,389

than there could ever be any dinosaurs

703

00:28:27,469 --> 00:28:26,100

and they they're producing more oil than

704

00:28:29,899 --> 00:28:27,479

anyone else in the world yeah it's

705

00:28:31,190 --> 00:28:29,909

interesting can I be open you know we're

706

00:28:33,590 --> 00:28:31,200

probably wrong about almost everything

707

00:28:36,320 --> 00:28:33,600

we believe but the real point of all

708

00:28:39,229 --> 00:28:36,330

that is just you know these ideas that

709

00:28:42,669 --> 00:28:39,239

run counter to these cherished beliefs

710

00:28:45,049 --> 00:28:42,679

that we either have personally or these

711

00:28:47,359 --> 00:28:45,059

societal beliefs that are kind of

712

00:28:50,810 --> 00:28:47,369

ingrained in the machinery of the way

713

00:28:53,690 --> 00:28:50,820

things work are very very hard to

714

00:28:54,859 --> 00:28:53,700

overcome so I mean I guess I have to

715

00:28:58,969 --> 00:28:54,869

push a little bit against that whole

716

00:29:01,009 --> 00:28:58,979

anomalistic psychology crap that I I see

717

00:29:03,320 --> 00:29:01,019

out there is that you know gee why do

718

00:29:04,430 --> 00:29:03,330

people believe weird things and stuff

719

00:29:06,680 --> 00:29:04,440

like that I mean that has gone

720

00:29:09,109 --> 00:29:06,690

absolutely nowhere or it's been

721

00:29:12,619 --> 00:29:09,119

counterproductive to really trying to

722

00:29:15,229 --> 00:29:12,629

understand in a deeper way what's really

723

00:29:18,320 --> 00:29:15,239

going on so right I don't know well but

724

00:29:20,989 --> 00:29:18,330

why is this is the Society for

725

00:29:23,389 --> 00:29:20,999

scientific exploration an organization

726

00:29:25,460 --> 00:29:23,399

that you are the president of currently

727

00:29:27,830 --> 00:29:25,470

and is a very serious scientific

728

00:29:30,409 --> 00:29:27,840

organization I mean the mere fact that

729

00:29:34,159 --> 00:29:30,419

it's necessary and the mere fact that it

730

00:29:35,749 --> 00:29:34,169

covers such a broad range of topics and

731

00:29:38,119 --> 00:29:35,759

that was my whole reason for getting off

732

00:29:40,460 --> 00:29:38,129

on the biotic oil thing you know I mean

733

00:29:42,169 --> 00:29:40,470

it covers the whole range of topics the

734

00:29:44,119 --> 00:29:42,179

fact that it's even necessary is a

735

00:29:46,249 --> 00:29:44,129

little bit depressing a little bit

736

00:29:51,019 --> 00:29:46,259

frustrating alright I would I would

737

00:29:53,359 --> 00:29:51,029

completely agree the the SSC which any

738

00:29:56,060 --> 00:29:53,369

of your listeners can look at it Society

739

00:29:59,599 --> 00:29:56,070

for scientific exploration or scientific

740

00:30:01,729 --> 00:29:59,609

exploration org is as you point out a

741

00:30:04,999 --> 00:30:01,739

group of people who are serious about

742

00:30:06,999 --> 00:30:05,009

research uh they're not going to they

743

00:30:09,710 --> 00:30:07,009

don't sit together and just talk about

744

00:30:12,859 --> 00:30:09,720

things in the abstract you gotta show me

745

00:30:16,729 --> 00:30:12,869

the data and they come from all sorts of

746

00:30:19,879 --> 00:30:16,739

fields so the the actual society was

747

00:30:22,430 --> 00:30:19,889

founded by a combination of folks like

748

00:30:24,139 --> 00:30:22,440

the head of astrophysics at Stanford the

749

00:30:25,580 --> 00:30:24,149

Dean of engineering and Princeton the

750

00:30:28,340 --> 00:30:25,590

head of astronomy

751
00:30:31,070 --> 00:30:28,350
University of Virginia uh folks like

752
00:30:33,830 --> 00:30:31,080
that who came together and said there's

753
00:30:36,860 --> 00:30:33,840
too much scientific straightjacket

754
00:30:38,240 --> 00:30:36,870
activity going on you're allowed to look

755
00:30:39,740 --> 00:30:38,250
at certain things you're not allowed to

756
00:30:43,820 --> 00:30:39,750
look at other things and it turns out

757
00:30:47,539 --> 00:30:43,830
that a whole lot of scientists have

758
00:30:49,610 --> 00:30:47,549
almost like a closet life so on in in

759
00:30:52,820 --> 00:30:49,620
the public in the peer-reviewed journals

760
00:30:54,049 --> 00:30:52,830
in their conventional day job you're

761
00:30:56,210 --> 00:30:54,059
only allowed to talk about certain

762
00:30:58,820 --> 00:30:56,220
things and there is a Canon and you're

763
00:31:00,799 --> 00:30:58,830

supposed to buy into it and you got a

764

00:31:02,120 --> 00:31:00,809

tow the party line and if you want to

765

00:31:03,230 --> 00:31:02,130

get grants you better be getting them

766

00:31:06,230 --> 00:31:03,240

for the things you're allowed to get

767

00:31:08,180 --> 00:31:06,240

grants for etcetera etc and these very

768

00:31:11,330 --> 00:31:08,190

very brave individuals who had already

769

00:31:14,720 --> 00:31:11,340

been extraordinarily successful in their

770

00:31:16,549 --> 00:31:14,730

day job careers recognized that there

771

00:31:18,710 --> 00:31:16,559

were other people like them who also had

772

00:31:22,130 --> 00:31:18,720

interest in things that you weren't

773

00:31:24,610 --> 00:31:22,140

supposed to talk about and so they

774

00:31:27,919 --> 00:31:24,620

talked about healing they talked about

775

00:31:30,019 --> 00:31:27,929

UFOs they talked about all sorts of

776

00:31:33,680 --> 00:31:30,029

stuff and said well let's let's get

777

00:31:35,299 --> 00:31:33,690

together and see if we can database have

778

00:31:40,039 --> 00:31:35,309

a discussion about things which are off

779

00:31:41,720 --> 00:31:40,049

limits and so in order to do this they

780

00:31:44,960 --> 00:31:41,730

created this Society for scientific

781

00:31:48,620 --> 00:31:44,970

exploration which is primarily academics

782

00:31:51,289 --> 00:31:48,630

but but folks who are not academics can

783

00:31:53,539 --> 00:31:51,299

also join as associate members and we

784

00:31:56,659 --> 00:31:53,549

have things like a peer-reviewed journal

785

00:31:58,610 --> 00:31:56,669

a journal scientific exploration we have

786

00:32:00,950 --> 00:31:58,620

annual conferences we just had one in

787

00:32:05,899 --> 00:32:00,960

Boulder in June about to have one in

788

00:32:08,090 --> 00:32:05,909

Ireland in October and we get together

789

00:32:09,320 --> 00:32:08,100

and these are data based presentations

790

00:32:12,830 --> 00:32:09,330

on stuff you're not supposed to talk

791

00:32:17,419 --> 00:32:12,840

about and we have a little you know

792

00:32:19,279 --> 00:32:17,429

inside dictum there that says if you're

793

00:32:22,310 --> 00:32:19,289

an academic and you want to look at this

794

00:32:24,169 --> 00:32:22,320

stuff and you want to take a chance on

795

00:32:27,139 --> 00:32:24,179

some of this stuff and want to actually

796

00:32:30,980 --> 00:32:27,149

do research and gather data first get

797

00:32:33,649 --> 00:32:30,990

tenure you're right right so I actually

798

00:32:36,950 --> 00:32:33,659

had a couple of years ago I was given a

799

00:32:39,409 --> 00:32:36,960

talk and some newly minted PhD from

800

00:32:40,729 --> 00:32:39,419

Australia came up to me and said

801

00:32:42,019 --> 00:32:40,739

well your stuff is the most amazing

802

00:32:44,509 --> 00:32:42,029

thing I've ever seen I want to work with

803

00:32:47,479 --> 00:32:44,519

you I want to study this I want to and I

804

00:32:48,680 --> 00:32:47,489

said get away from me get dinner okay so

805

00:32:50,299 --> 00:32:48,690

what do we get away from me I want to

806

00:32:51,619 --> 00:32:50,309

devote my life to this I said get away

807

00:32:55,849 --> 00:32:51,629

from me I said I'm not going to wreck

808

00:32:57,229 --> 00:32:55,859

your career come back and so he kept

809

00:32:59,810 --> 00:32:57,239

pushing him away pushing away I said

810

00:33:01,609 --> 00:32:59,820

first get tenure and he said you don't

811

00:33:04,219 --> 00:33:01,619

understand how important this is and I

812

00:33:06,169 --> 00:33:04,229

said I really do that's why I'm telling

813

00:33:09,109 --> 00:33:06,179

you yeah I'm kind of you know I've been

814

00:33:11,089 --> 00:33:09,119

in it for a while and I said but you got

815

00:33:13,039 --> 00:33:11,099

to get away from me because you you I

816

00:33:14,629 --> 00:33:13,049

mean you got your PhD you know 20

817

00:33:17,839 --> 00:33:14,639

minutes ago and I'm not going to screw

818

00:33:19,489 --> 00:33:17,849

your career so he got really mad because

819

00:33:23,209 --> 00:33:19,499

I wouldn't miss and that and about a

820

00:33:26,119 --> 00:33:23,219

year later I got a an email from him and

821

00:33:27,560 --> 00:33:26,129

he said I get it now thank you and he

822

00:33:30,979 --> 00:33:27,570

said I'll see it I'll see you in a few

823

00:33:33,139 --> 00:33:30,989

years that's that's both sad and and

824

00:33:36,409 --> 00:33:33,149

interesting at the same time

825

00:33:38,719 --> 00:33:36,419

so dr. Bankston that's fantastic and I

826

00:33:41,810 --> 00:33:38,729

really encourage people to explore the

827

00:33:44,659 --> 00:33:41,820

see more and as you mentioned there's in

828

00:33:46,779 --> 00:33:44,669

addition to the quarterly more scholarly

829

00:33:50,599 --> 00:33:46,789

publication there's also an online

830

00:33:52,219 --> 00:33:50,609

magazine formatted kind of publication

831

00:33:53,599 --> 00:33:52,229

that they do that's really accessible

832

00:33:55,519 --> 00:33:53,609

and really great so please check that

833

00:33:57,169 --> 00:33:55,529

out but let's get back yeah that's

834

00:34:00,589 --> 00:33:57,179

called edge science and that comes out

835

00:34:02,180 --> 00:34:00,599

quarterly and it's it's kind of a it is

836

00:34:05,690 --> 00:34:02,190

it's a magazine you know written more in

837

00:34:08,269 --> 00:34:05,700

English about some of these interesting

838

00:34:10,669 --> 00:34:08,279

topics great but but I do want to bring

839

00:34:12,619 --> 00:34:10,679

people back to some of the other

840

00:34:14,569 --> 00:34:12,629

experiments you've done because I think

841

00:34:16,129 --> 00:34:14,579

they're just going to be fascinating and

842

00:34:19,399 --> 00:34:16,139

I hope they're going to inspire people

843

00:34:21,139 --> 00:34:19,409

to really dig into this and challenge

844

00:34:22,549 --> 00:34:21,149

some of their beliefs that they might

845

00:34:26,809 --> 00:34:22,559

have a couple of them I want you to

846

00:34:29,930 --> 00:34:26,819

touch on the MRI envelope experiment I

847

00:34:32,059 --> 00:34:29,940

think you know what I mean yeah this

848

00:34:36,019 --> 00:34:32,069

interesting among the the interesting

849

00:34:39,700 --> 00:34:36,029

questions to me in is is what are the

850

00:34:42,169 --> 00:34:39,710

conditions under which healing occurs

851

00:34:45,619 --> 00:34:42,179

what makes it stronger what makes it

852

00:34:48,259 --> 00:34:45,629

weaker what happens to the healer what

853

00:34:50,509 --> 00:34:48,269

happens to the Healy things along those

854

00:34:52,400 --> 00:34:50,519

lines and turns out we don't know a

855

00:34:54,800 --> 00:34:52,410

whole lot about this stuff

856

00:34:56,900 --> 00:34:54,810

the states of consciousness matter do

857

00:35:00,410 --> 00:34:56,910

there's a particular sense of awareness

858

00:35:02,180 --> 00:35:00,420

matter or could be even be something you

859

00:35:04,730 --> 00:35:02,190

were talking about earlier does belief

860

00:35:05,900 --> 00:35:04,740

matter you know and it turns out that as

861

00:35:08,420 --> 00:35:05,910

far as I can tell belief doesn't matter

862

00:35:11,390 --> 00:35:08,430

at all except maybe I think to slightly

863

00:35:13,760 --> 00:35:11,400

healing I'm not sure about that

864

00:35:15,710 --> 00:35:13,770

but but I don't think there's a net gain

865

00:35:18,890 --> 00:35:15,720

I don't know how much there is of a loss

866

00:35:21,170 --> 00:35:18,900

for belief I think a neutral stance is

867

00:35:23,960 --> 00:35:21,180

is the preferable stance to maximize

868

00:35:27,200 --> 00:35:23,970

healing but what we were interested in

869

00:35:28,760 --> 00:35:27,210

is well what happens I mean first of all

870

00:35:31,790 --> 00:35:28,770

it's a difficult problem to figure out

871

00:35:35,180 --> 00:35:31,800

what's the right question to ask and we

872

00:35:37,820 --> 00:35:35,190

we have a brain bias so we tend to like

873

00:35:39,230 --> 00:35:37,830

to look at brains and think well maybe

874

00:35:41,510 --> 00:35:39,240

there's a correlate in the brain

875

00:35:43,130 --> 00:35:41,520

something along those lines so I've done

876

00:35:45,320 --> 00:35:43,140

a number of experiments along these

877

00:35:47,660 --> 00:35:45,330

lines with and just following along with

878

00:35:50,750 --> 00:35:47,670

the brain bias so I published in the

879

00:35:56,390 --> 00:35:50,760

journal scientific exploration I think

880

00:35:59,750 --> 00:35:56,400

in 2010 a phase-locking of two brains at

881

00:36:03,590 --> 00:35:59,760

a distance and what that really means is

882

00:36:08,300 --> 00:36:03,600

we have synchronized DG's and we're

883

00:36:09,680 --> 00:36:08,310

sampling in 19 leads on each head every

884

00:36:12,740 --> 00:36:09,690

five hundredths of a second we have this

885

00:36:14,930 --> 00:36:12,750

enormous database and it turns out that

886

00:36:17,480 --> 00:36:14,940

you can easily easily but you can you

887

00:36:20,810 --> 00:36:17,490

can get two brains at a distance to go

888

00:36:22,910 --> 00:36:20,820

into a synchrony now now let me just

889

00:36:24,440 --> 00:36:22,920

interject here that that if you weren't

890

00:36:26,960 --> 00:36:24,450

quote-unquote and I know you don't like

891

00:36:29,450 --> 00:36:26,970

this term if you weren't a healer we'd

892

00:36:32,330 --> 00:36:29,460

call this a telepathy experiment but

893

00:36:35,150 --> 00:36:32,340

your your work really kind of challenges

894

00:36:36,110 --> 00:36:35,160

even our idea of what telepathy means I

895

00:36:39,130 --> 00:36:36,120

mean if we really understand what that

896

00:36:41,300 --> 00:36:39,140

word means so yeah tell explain to folks

897

00:36:43,430 --> 00:36:41,310

again I'm sorry to interrupt you so

898

00:36:47,000 --> 00:36:43,440

finish explaining what the experiment

899

00:36:48,770 --> 00:36:47,010

did so you would have a person one in

900

00:36:51,410 --> 00:36:48,780

one room and person two in another room

901
00:36:53,420 --> 00:36:51,420
and present to in the other room just be

902
00:36:57,430 --> 00:36:53,430
hanging out hooked up to all the wires

903
00:37:01,190 --> 00:36:57,440
and the machines and person one would

904
00:37:03,200 --> 00:37:01,200
really do the techniques that I do when

905
00:37:05,510 --> 00:37:03,210
we do the mice experiments and then

906
00:37:06,050 --> 00:37:05,520
simply casually think about the other

907
00:37:08,900 --> 00:37:06,060
person in the

908
00:37:10,670 --> 00:37:08,910
the room and it turns out at the moment

909
00:37:13,090 --> 00:37:10,680
that you casually think about the other

910
00:37:14,990 --> 00:37:13,100
person in the other room you get this

911
00:37:17,450 --> 00:37:15,000
synchronization of the two brains at a

912
00:37:18,770 --> 00:37:17,460
distance now that's interesting it may

913
00:37:21,260 --> 00:37:18,780

or may not have anything to with healing

914

00:37:23,720 --> 00:37:21,270

bill explain what you mean specifically

915

00:37:26,900 --> 00:37:23,730

in terms of synchronization how did you

916

00:37:29,710 --> 00:37:26,910

measure that we mentioned it with an EEG

917

00:37:33,200 --> 00:37:29,720

which is taking a measurement of

918

00:37:38,630 --> 00:37:33,210

particular cycles per second that a

919

00:37:40,160 --> 00:37:38,640

brain is resonating and and what happens

920

00:37:43,550 --> 00:37:40,170

is when you start the healing techniques

921

00:37:46,340 --> 00:37:43,560

you get a very distinct pattern a very

922

00:37:48,440 --> 00:37:46,350

distinct frequency and then you get a

923

00:37:50,630 --> 00:37:48,450

second harmonic to that frequency going

924

00:37:52,670 --> 00:37:50,640

on at the same time and we get a third

925

00:37:53,930 --> 00:37:52,680

harmonic and we haven't measured test

926
00:37:56,150 --> 00:37:53,940
that because we can have the equipment

927
00:38:00,530 --> 00:37:56,160
so we have at least three harmonics in a

928
00:38:02,390 --> 00:38:00,540
very distinct frequency the triple

929
00:38:04,130 --> 00:38:02,400
harmonic in the brain which is exactly

930
00:38:06,650 --> 00:38:04,140
matched to the recipients brain in the

931
00:38:08,270 --> 00:38:06,660
other room and so statistically this is

932
00:38:10,940 --> 00:38:08,280
off the charts right I mean you have you

933
00:38:14,300 --> 00:38:10,950
have a stream of EEG readings of data

934
00:38:16,360 --> 00:38:14,310
and then you apply your visualization

935
00:38:19,460 --> 00:38:16,370
technique and there becomes this

936
00:38:21,470 --> 00:38:19,470
harmonic in your these actually three

937
00:38:24,230 --> 00:38:21,480
harmonics that you measured in your

938
00:38:27,130 --> 00:38:24,240

brain and the healers brain and then

939

00:38:29,750 --> 00:38:27,140

you're able to transfer that to another

940

00:38:32,210 --> 00:38:29,760

individual the receiver who obviously

941

00:38:33,950 --> 00:38:32,220

has doesn't have this pattern then all

942

00:38:35,540 --> 00:38:33,960

of a sudden has this pattern I mean the

943

00:38:38,600 --> 00:38:35,550

statistics if you were to do that would

944

00:38:40,310 --> 00:38:38,610

just be just off the charts right well

945

00:38:42,020 --> 00:38:40,320

we can't really do statistics because we

946

00:38:44,240 --> 00:38:42,030

no one's ever seen this pattern before

947

00:38:45,650 --> 00:38:44,250

you could measure that EEG you could

948

00:38:47,990 --> 00:38:45,660

break it down and do a statistical

949

00:38:50,120 --> 00:38:48,000

analysis of you know what is the chances

950

00:38:51,710 --> 00:38:50,130

that this pattern is merely by chance or

951
00:38:53,900 --> 00:38:51,720
something in there there just isn't I

952
00:38:55,880 --> 00:38:53,910
guess it is just isn't even worth

953
00:38:57,560 --> 00:38:55,890
talking about because it's not even

954
00:39:00,110 --> 00:38:57,570
worth considering that there would be

955
00:39:02,630 --> 00:39:00,120
like a chance harmonic transfer like

956
00:39:06,710 --> 00:39:02,640
that well we actually did consider the

957
00:39:10,370 --> 00:39:06,720
question and so our eg head guy who is

958
00:39:13,220 --> 00:39:10,380
jeg uncle man uh and and and certainly

959
00:39:18,080 --> 00:39:13,230
among the foremost EEG guys probably in

960
00:39:19,730 --> 00:39:18,090
the world uh uh he could testify it just

961
00:39:22,819 --> 00:39:19,740
from his experience that

962
00:39:25,640 --> 00:39:22,829
in awareness of at least 500,000 EEG

963
00:39:28,579 --> 00:39:25,650

readings literally 500,000 no one's ever

964

00:39:30,589 --> 00:39:28,589

seen this harmonic so they've never seen

965

00:39:32,589 --> 00:39:30,599

it in a single brain let alone a

966

00:39:36,410 --> 00:39:32,599

phase-locking of that to another brain

967

00:39:38,359 --> 00:39:36,420

so the pattern itself is different at

968

00:39:41,030 --> 00:39:38,369

least in his experience of about a half

969

00:39:44,599 --> 00:39:41,040

a million EEG s and the fact that it

970

00:39:46,760 --> 00:39:44,609

phase locks with another is is is really

971

00:39:49,010 --> 00:39:46,770

interesting part of it what makes this

972

00:39:52,220 --> 00:39:49,020

so challenging bill is your work is just

973

00:39:53,599 --> 00:39:52,230

so revolutionary like you just said I

974

00:39:57,440 --> 00:39:53,609

mean you really wrap your arms around it

975

00:40:00,049 --> 00:39:57,450

the first phase lock in the healer again

976

00:40:03,140 --> 00:40:00,059

I'll use that word is off the charts

977

00:40:05,510 --> 00:40:03,150

unbelievable unexplainable 10 years

978

00:40:07,210 --> 00:40:05,520

worth of research there and then the

979

00:40:09,980 --> 00:40:07,220

fact that you're able to transfer that

980

00:40:12,620 --> 00:40:09,990

quote/unquote telepathically is another

981

00:40:15,559 --> 00:40:12,630

whole area I mean how do you begin to

982

00:40:18,290 --> 00:40:15,569

even wrap your arms around this it's

983

00:40:20,599 --> 00:40:18,300

pretty interesting and you try to me

984

00:40:22,190 --> 00:40:20,609

neither find out for example I haven't

985

00:40:25,010 --> 00:40:22,200

been able to pull this off yet

986

00:40:28,190 --> 00:40:25,020

but I want to find out if the phase

987

00:40:32,000 --> 00:40:28,200

locking between two people varies by

988

00:40:35,150 --> 00:40:32,010

whether or not that person has a need so

989

00:40:37,460 --> 00:40:35,160

if we hooked up a bunch of people in the

990

00:40:39,799 --> 00:40:37,470

other room as it were and some of them

991

00:40:41,750 --> 00:40:39,809

had a need meaning a physical need and

992

00:40:46,460 --> 00:40:41,760

some of them didn't have a physical need

993

00:40:47,750 --> 00:40:46,470

you know that was at least obvious would

994

00:40:52,339 --> 00:40:47,760

there be a difference in the connection

995

00:40:54,890 --> 00:40:52,349

I want to find out whether the

996

00:40:57,079 --> 00:40:54,900

connection varies based on whether the

997

00:41:00,140 --> 00:40:57,089

the two people that we're trying to link

998

00:41:03,020 --> 00:41:00,150

have a previous connection they have

999

00:41:05,240 --> 00:41:03,030

some sort of an emotional attachment so

1000

00:41:06,770 --> 00:41:05,250

would complete strangers be different

1001
00:41:09,920 --> 00:41:06,780
than people who have a previous

1002
00:41:12,200 --> 00:41:09,930
relationship would need matter versus

1003
00:41:15,950 --> 00:41:12,210
those that don't need I have a suspicion

1004
00:41:19,640 --> 00:41:15,960
I can't I can't nail this yet but I have

1005
00:41:23,630 --> 00:41:19,650
a suspicion that healing is really

1006
00:41:26,480 --> 00:41:23,640
coming from the Healey and that it is a

1007
00:41:30,260 --> 00:41:26,490
and more of an autonomic response to

1008
00:41:32,120 --> 00:41:30,270
need than anything else so the state of

1009
00:41:33,200 --> 00:41:32,130
mind of the healer I don't think is all

1010
00:41:35,660 --> 00:41:33,210
that interesting or

1011
00:41:40,430 --> 00:41:35,670
important except that as you just said

1012
00:41:43,100 --> 00:41:40,440
you produced an EEG that is completely

1013
00:41:45,770 --> 00:41:43,110

beyond explanation from your EEG experts

1014

00:41:47,960 --> 00:41:45,780

so I don't know that's pretty pretty

1015

00:41:49,940 --> 00:41:47,970

interesting too you know but does that

1016

00:41:52,160 --> 00:41:49,950

come I mean what we need to do is follow

1017

00:41:53,950 --> 00:41:52,170

that up and find out if that becomes if

1018

00:41:56,720 --> 00:41:53,960

the signature itself becomes

1019

00:42:01,580 --> 00:41:56,730

idiosyncratic to the person expressing a

1020

00:42:03,740 --> 00:42:01,590

need so what a different if if we were

1021

00:42:06,050 --> 00:42:03,750

let's say we will hook up mice and you

1022

00:42:08,900 --> 00:42:06,060

actually can do a eg readings on mice

1023

00:42:11,930 --> 00:42:08,910

but let's say we hooked up mice and and

1024

00:42:15,830 --> 00:42:11,940

a mouse with a particular stage of

1025

00:42:17,660 --> 00:42:15,840

cancer being treated would that would

1026

00:42:20,780 --> 00:42:17,670

the readings be different at a different

1027

00:42:22,460 --> 00:42:20,790

state of cancer so as they go into

1028

00:42:26,150 --> 00:42:22,470

remission for example or they're finally

1029

00:42:28,910 --> 00:42:26,160

cured or or or would these things vary

1030

00:42:31,190 --> 00:42:28,920

the expression that's found so when you

1031

00:42:34,670 --> 00:42:31,200

look at an EEG output it's reasonably

1032

00:42:36,980 --> 00:42:34,680

static we frozen it you know I mean it

1033

00:42:39,410 --> 00:42:36,990

actually goes over time but it's not

1034

00:42:41,510 --> 00:42:39,420

over a long period of time and and so I

1035

00:42:43,910 --> 00:42:41,520

think one of our problems is we have a

1036

00:42:47,120 --> 00:42:43,920

tendency to take an extraordinarily

1037

00:42:50,180 --> 00:42:47,130

complex and dynamic nature and try to

1038

00:42:52,820 --> 00:42:50,190

reduce it to static images and maybe if

1039

00:42:55,910 --> 00:42:52,830

we find the face lock we found the phase

1040

00:42:58,940 --> 00:42:55,920

lock different at different stages of

1041

00:43:01,010 --> 00:42:58,950

the need of the Healey I built one other

1042

00:43:02,090 --> 00:43:01,020

really interesting experiment real quick

1043

00:43:03,980 --> 00:43:02,100

I'd like you to tell people about

1044

00:43:06,470 --> 00:43:03,990

because again it's just gonna send folks

1045

00:43:07,540 --> 00:43:06,480

off in a whole different mind that

1046

00:43:11,000 --> 00:43:07,550

direction

1047

00:43:13,930 --> 00:43:11,010

MRI you're hooked up to an MRI one of

1048

00:43:16,010 --> 00:43:13,940

your arms is left out of the MRI and

1049

00:43:18,860 --> 00:43:16,020

envelopes are placed in that arm

1050

00:43:21,110 --> 00:43:18,870

describe that a mind-blowing experiment

1051

00:43:23,660 --> 00:43:21,120

yeah in this one we've done a couple

1052

00:43:28,220 --> 00:43:23,670

things we've the one you're referring to

1053

00:43:31,760 --> 00:43:28,230

I was the the subject as it were it was

1054

00:43:33,350 --> 00:43:31,770

also the designer but so I was lying in

1055

00:43:33,920 --> 00:43:33,360

MRI spent a whole bunch of hours in an

1056

00:43:43,040 --> 00:43:33,930

MRI

1057

00:43:46,200 --> 00:43:43,050

can just barely get my left hand outside

1058

00:43:49,890 --> 00:43:46,210

the the enclosed area

1059

00:43:52,590 --> 00:43:49,900

and what happens is that into my hand

1060

00:43:54,570 --> 00:43:52,600

are dropped envelopes which I can feel

1061

00:43:58,260 --> 00:43:54,580

tactically you feel when an envelope

1062

00:44:00,480 --> 00:43:58,270

touches your hand so double blind people

1063

00:44:02,760 --> 00:44:00,490

are dropping envelopes into my hand some

1064

00:44:04,380 --> 00:44:02,770

of the envelopes are sham envelopes they

1065

00:44:06,630 --> 00:44:04,390

have nothing in them at all other than

1066

00:44:08,610 --> 00:44:06,640

it's an envelope and some of the

1067

00:44:11,420 --> 00:44:08,620

envelopes have pictures and hair samples

1068

00:44:15,180 --> 00:44:11,430

of cancerous animals 600 miles away

1069

00:44:17,220 --> 00:44:15,190

which we got from a veterinarian and it

1070

00:44:19,320 --> 00:44:17,230

turns out that to a hundred percent

1071

00:44:23,070 --> 00:44:19,330

accuracy my brain can tell a difference

1072

00:44:25,730 --> 00:44:23,080

and that there is a distinct outcome

1073

00:44:28,140 --> 00:44:25,740

when you drop an envelope into a

1074

00:44:30,540 --> 00:44:28,150

envelope into your hand you get a

1075

00:44:32,790 --> 00:44:30,550

particular technical response but if you

1076

00:44:34,350 --> 00:44:32,800

drop one that has a cancerous need that

1077

00:44:37,380 --> 00:44:34,360

has a picture and a hair sample of a

1078

00:44:39,330 --> 00:44:37,390

cancerous animal the brain responds very

1079

00:44:41,820 --> 00:44:39,340

differently and it responds very

1080

00:44:44,070 --> 00:44:41,830

differently a hundred seven time and so

1081

00:44:48,990 --> 00:44:44,080

the brain can tell whether the the

1082

00:44:51,470 --> 00:44:49,000

envelope is live or not as it were and

1083

00:44:54,120 --> 00:44:51,480

this is very very different than

1084

00:44:55,800 --> 00:44:54,130

conscious awareness and this goes to my

1085

00:44:57,420 --> 00:44:55,810

statement that I think that healing

1086

00:45:00,960 --> 00:44:57,430

might be an autonomic response to need

1087

00:45:03,120 --> 00:45:00,970

that I'm not aware of anything other

1088

00:45:05,280 --> 00:45:03,130

than I'm in a noisy ugly environment and

1089

00:45:06,750 --> 00:45:05,290

that somebody's putting something in my

1090

00:45:07,830 --> 00:45:06,760

hand and taking it out of my hand and

1091

00:45:09,420 --> 00:45:07,840

putting something on my hand and taking

1092

00:45:10,710 --> 00:45:09,430

that on my head I can't tell the

1093

00:45:12,630 --> 00:45:10,720

difference consciously I'm not aware of

1094

00:45:14,880 --> 00:45:12,640

anything I'm not I'm not a psychic I'm

1095

00:45:17,040 --> 00:45:14,890

not sensitive I'm nothing like that I'm

1096

00:45:20,190 --> 00:45:17,050

just lying in a tube but my brain is

1097

00:45:24,120 --> 00:45:20,200

responding and it knows and so if it

1098

00:45:25,740 --> 00:45:24,130

need is expressed the brain does I gonna

1099

00:45:27,420 --> 00:45:25,750

say turns on but I don't know what turns

1100

00:45:29,520 --> 00:45:27,430

on means the brain responds very

1101

00:45:32,660 --> 00:45:29,530

differently then if it's just a touch to

1102

00:45:36,540 --> 00:45:32,670

the brain and so here again I get to

1103

00:45:39,000 --> 00:45:36,550

consciously healing doesn't require a

1104

00:45:42,300 --> 00:45:39,010

conscious anything it doesn't require a

1105

00:45:44,370 --> 00:45:42,310

belief it doesn't require a particular

1106

00:45:48,060 --> 00:45:44,380

state of mind and off to be flopping on

1107

00:45:50,190 --> 00:45:48,070

the floor I don't have to be spiritual I

1108

00:45:52,800 --> 00:45:50,200

want to be anything interesting very

1109

00:45:55,650 --> 00:45:52,810

interesting hypothesis I have to jump on

1110

00:45:58,140 --> 00:45:55,660

that word spiritual I think it's it's

1111

00:46:00,130 --> 00:45:58,150

just fascinating topic and it's

1112

00:46:02,770 --> 00:46:00,140

something we've tried to a pro

1113

00:46:04,360 --> 00:46:02,780

in this show a lot because let me take

1114

00:46:05,800 --> 00:46:04,370

this in a slightly different direction

1115

00:46:07,510 --> 00:46:05,810

and try and make a connection very

1116

00:46:09,520 --> 00:46:07,520

interested to hear your opinion on this

1117

00:46:11,650 --> 00:46:09,530

we've looked at the near-death

1118

00:46:14,500 --> 00:46:11,660

experience research quite a bit on this

1119

00:46:16,810 --> 00:46:14,510

show because it challenges this idea

1120

00:46:19,660 --> 00:46:16,820

this kind of ridiculous materialistic

1121

00:46:21,550 --> 00:46:19,670

idea that mind equals brain and it

1122

00:46:24,880 --> 00:46:21,560

challenges directly because these people

1123

00:46:28,720 --> 00:46:24,890

in an NDE situation don't have a brain

1124

00:46:30,400 --> 00:46:28,730

anymore and yet we know from the many

1125

00:46:32,620 --> 00:46:30,410

experiments that have done and the many

1126
00:46:35,920 --> 00:46:32,630
clinical papers that have been published

1127
00:46:37,120 --> 00:46:35,930
they do still have a mind they do still

1128
00:46:40,210 --> 00:46:37,130
have an experience they have a

1129
00:46:43,090 --> 00:46:40,220
consciousness that extends beyond that

1130
00:46:45,820 --> 00:46:43,100
and that immediately puts you

1131
00:46:48,130 --> 00:46:45,830
full frontal with the spiritual be

1132
00:46:49,720 --> 00:46:48,140
because that's part of the report too is

1133
00:46:51,640 --> 00:46:49,730
that these people have this spiritual

1134
00:46:52,930 --> 00:46:51,650
experience and then that you have to

1135
00:46:55,600 --> 00:46:52,940
correlate with other people have had

1136
00:46:59,260 --> 00:46:55,610
spiritually transformative experiences

1137
00:47:01,000 --> 00:46:59,270
so it kind of leads to it in your case

1138
00:47:03,070 --> 00:47:01,010

if we're really going to be honest it

1139

00:47:05,800 --> 00:47:03,080

leads you in the other direction almost

1140

00:47:08,440 --> 00:47:05,810

because what you're saying essentially

1141

00:47:10,960 --> 00:47:08,450

is that that the spiritual doesn't come

1142

00:47:13,870 --> 00:47:10,970

into it at all and this area that has

1143

00:47:16,600 --> 00:47:13,880

often been associated with spirituality

1144

00:47:19,510 --> 00:47:16,610

and this extended consciousness thing

1145

00:47:21,130 --> 00:47:19,520

you're saying I don't see any link not

1146

00:47:25,270 --> 00:47:21,140

that I'm looking for it but it isn't

1147

00:47:27,730 --> 00:47:25,280

presenting itself this idea of spiritual

1148

00:47:30,910 --> 00:47:27,740

connection well do you have any thoughts

1149

00:47:34,390 --> 00:47:30,920

on either what this consciousness

1150

00:47:37,560 --> 00:47:34,400

extending beyond bodily death might mean

1151
00:47:40,120 --> 00:47:37,570
or how that's connected to this or how

1152
00:47:42,460 --> 00:47:40,130
spirituality in general is connected to

1153
00:47:47,140 --> 00:47:42,470
your work first of all I think the

1154
00:47:50,500 --> 00:47:47,150
near-death experience research is just

1155
00:47:52,630 --> 00:47:50,510
fascinating it's beautiful

1156
00:47:54,130 --> 00:47:52,640
I mean do you look at some of the stuff

1157
00:47:56,490 --> 00:47:54,140
come at the University of Virginia for

1158
00:47:59,050 --> 00:47:56,500
example and Bruce Grayson and those guys

1159
00:48:01,260 --> 00:47:59,060
it's beautiful stuff I mean it makes you

1160
00:48:03,610 --> 00:48:01,270
you got to sit up and take notice

1161
00:48:06,820 --> 00:48:03,620
something serious is going on there I

1162
00:48:08,890 --> 00:48:06,830
actually have a paper coming out I don't

1163
00:48:11,290 --> 00:48:08,900

know maybe this month what I did among

1164

00:48:13,480 --> 00:48:11,300

other thing is I examine the logs of my

1165

00:48:14,170 --> 00:48:13,490

student volunteers and faculty

1166

00:48:15,880 --> 00:48:14,180

volunteers

1167

00:48:18,250 --> 00:48:15,890

faculty it's harder to get to do the

1168

00:48:20,110 --> 00:48:18,260

logs faculty you're pretty useless but

1169

00:48:22,840 --> 00:48:20,120

students at least some of them can be a

1170

00:48:25,900 --> 00:48:22,850

little more compliant and so when I've

1171

00:48:29,500 --> 00:48:25,910

asked people for example to treat cages

1172

00:48:32,470 --> 00:48:29,510

of mice under various conditions I am

1173

00:48:36,190 --> 00:48:32,480

also asking them to keep a log of their

1174

00:48:39,190 --> 00:48:36,200

thoughts experiences feelings and and so

1175

00:48:41,950 --> 00:48:39,200

on and and so it it was there that I

1176
00:48:46,420 --> 00:48:41,960
really learned the extent of the lack of

1177
00:48:49,210 --> 00:48:46,430
belief of many people for example some

1178
00:48:51,520 --> 00:48:49,220
of the students talked amongst

1179
00:48:53,350 --> 00:48:51,530
themselves and said they really thought

1180
00:48:54,910 --> 00:48:53,360
I was doing studying gullibility and

1181
00:48:56,560 --> 00:48:54,920
that gives you an idea of how little

1182
00:48:58,870 --> 00:48:56,570
they actually believed in healing so

1183
00:49:00,310 --> 00:48:58,880
they thought I was can i trick someone

1184
00:49:01,540 --> 00:49:00,320
to putting their hands around a cage and

1185
00:49:03,250 --> 00:49:01,550
thinking something will happen right

1186
00:49:05,230 --> 00:49:03,260
right so you've asked just so I can I

1187
00:49:07,510 --> 00:49:05,240
can understand it as I explained to

1188
00:49:09,100 --> 00:49:07,520

other folks you said okay you know

1189

00:49:10,690 --> 00:49:09,110

here's the protocol we're gonna follow

1190

00:49:14,500 --> 00:49:10,700

and you have to do this experiment and

1191

00:49:16,090 --> 00:49:14,510

oh by the way keep this log of just your

1192

00:49:18,400 --> 00:49:16,100

kind of personal journal of what you

1193

00:49:20,470 --> 00:49:18,410

went through and lo and behold you look

1194

00:49:22,480 --> 00:49:20,480

at the personal journal and they say you

1195

00:49:26,110 --> 00:49:22,490

know I I know he's asking me to do this

1196

00:49:28,660 --> 00:49:26,120

but I think this is really an experiment

1197

00:49:32,380 --> 00:49:28,670

on whether I'm gullible enough to follow

1198

00:49:34,510 --> 00:49:32,390

these ridiculous procedures they thought

1199

00:49:36,250 --> 00:49:34,520

I was just screw with the heads which

1200

00:49:39,730 --> 00:49:36,260

apparently I was but thankfully I

1201

00:49:41,680 --> 00:49:39,740

intended and so so they really didn't

1202

00:49:44,530 --> 00:49:41,690

believe it stuff but but also some of

1203

00:49:46,120 --> 00:49:44,540

them after they settled in and the first

1204

00:49:48,310 --> 00:49:46,130

time we put your hands around a cage of

1205

00:49:50,260 --> 00:49:48,320

cancerous mice you're gonna feel a

1206

00:49:52,720 --> 00:49:50,270

little awkward you know it's eight at

1207

00:49:54,640 --> 00:49:52,730

least and and after a while you get used

1208

00:49:55,900 --> 00:49:54,650

to it and you're coming into the lab and

1209

00:50:00,550 --> 00:49:55,910

you're doing whatever it is you're doing

1210

00:50:03,160 --> 00:50:00,560

and sometimes you're just alone with the

1211

00:50:05,800 --> 00:50:03,170

mice sometimes you're with other people

1212

00:50:09,790 --> 00:50:05,810

and sometimes sometimes something

1213

00:50:12,790 --> 00:50:09,800

happens and I say sometimes so in the

1214

00:50:17,380 --> 00:50:12,800

logs and talking to the people what I

1215

00:50:20,200 --> 00:50:17,390

have is a variety of subjective

1216

00:50:23,620 --> 00:50:20,210

experiences that the people have gone

1217

00:50:26,340 --> 00:50:23,630

through and some of them feel nothing

1218

00:50:28,120 --> 00:50:26,350

think this is this is complete nonsense

1219

00:50:29,530 --> 00:50:28,130

they couldn't

1220

00:50:33,130 --> 00:50:29,540

Bell spirituality if their life depended

1221

00:50:35,590 --> 00:50:33,140

on it and others feel the connection and

1222

00:50:37,980 --> 00:50:35,600

something happens at sometimes and

1223

00:50:44,560 --> 00:50:37,990

sometimes it happens at quiet moments

1224

00:50:48,400 --> 00:50:44,570

and it is they feel something other in a

1225

00:50:51,130 --> 00:50:48,410

connection with their mice so the first

1226
00:50:53,590 --> 00:50:51,140
statement would be the people in the

1227
00:50:58,360 --> 00:50:53,600
experiments have the range of experience

1228
00:51:01,630 --> 00:50:58,370
that run from nothing to what is that

1229
00:51:05,620 --> 00:51:01,640
something's going on and it turns out

1230
00:51:09,070 --> 00:51:05,630
the difference among them is not related

1231
00:51:12,820 --> 00:51:09,080
at all to the success or failure rate of

1232
00:51:13,900 --> 00:51:12,830
healing so the people who are feeling

1233
00:51:17,350 --> 00:51:13,910
nothing at all

1234
00:51:20,800 --> 00:51:17,360
heal the same as the people who are

1235
00:51:24,640 --> 00:51:20,810
feeling something and it occurred to me

1236
00:51:29,050 --> 00:51:24,650
after a while that perhaps we have the

1237
00:51:31,780 --> 00:51:29,060
causal direction backwards back to your

1238
00:51:34,150 --> 00:51:31,790

point of the need of the need yeah so

1239

00:51:36,490 --> 00:51:34,160

people who have been have hurt people

1240

00:51:39,910 --> 00:51:36,500

and I now have you know a bunch of

1241

00:51:40,840 --> 00:51:39,920

healers and such and and they they some

1242

00:51:43,480 --> 00:51:40,850

of them go through

1243

00:51:46,390 --> 00:51:43,490

I don't know healing rituals and some of

1244

00:51:48,490 --> 00:51:46,400

them go through they they they're like

1245

00:51:50,950 --> 00:51:48,500

clearing their minds and they're they're

1246

00:51:52,840 --> 00:51:50,960

doing all these kinds of things and and

1247

00:51:56,950 --> 00:51:52,850

so they're trying to get what you could

1248

00:51:59,830 --> 00:51:56,960

loosely call into a spiritual frame of

1249

00:52:02,710 --> 00:51:59,840

mind you know I did it for a day but

1250

00:52:05,260 --> 00:52:02,720

they're they're trying to become

1251
00:52:08,470 --> 00:52:05,270
spiritual and they think that if they

1252
00:52:10,680 --> 00:52:08,480
become spiritual or experience spiritual

1253
00:52:13,690 --> 00:52:10,690
things that that will enhance healing

1254
00:52:16,750 --> 00:52:13,700
that healing is an outgrowth of a

1255
00:52:19,450 --> 00:52:16,760
particular spiritual state of mind and I

1256
00:52:22,330 --> 00:52:19,460
suspect that this is backwards that the

1257
00:52:25,570 --> 00:52:22,340
causal sequence is backwards that I

1258
00:52:27,910 --> 00:52:25,580
think that the sense of connection which

1259
00:52:31,060 --> 00:52:27,920
I'll take is generically similar to

1260
00:52:34,960 --> 00:52:31,070
spirituality the sense of connection is

1261
00:52:39,670 --> 00:52:34,970
a consequence of healing not the cause

1262
00:52:42,170 --> 00:52:39,680
and those people who are more sensitive

1263
00:52:44,989 --> 00:52:42,180

to that experience

1264

00:52:47,749 --> 00:52:44,999

we'll feel it and those people who are

1265

00:52:50,180 --> 00:52:47,759

not sensitive to that experience will

1266

00:52:52,130 --> 00:52:50,190

not feel it and that doesn't seem to

1267

00:52:56,660 --> 00:52:52,140

matter in terms of the efficacy of

1268

00:52:58,640 --> 00:52:56,670

healing it seems to matter as simply if

1269

00:53:01,249 --> 00:52:58,650

you're open to having that experience

1270

00:53:04,400 --> 00:53:01,259

but I think healing occurs nonetheless

1271

00:53:07,099 --> 00:53:04,410

and is not related directly it's not a

1272

00:53:09,410 --> 00:53:07,109

consequence of that feeling so you don't

1273

00:53:11,210 --> 00:53:09,420

I wouldn't recommend get into a

1274

00:53:13,940 --> 00:53:11,220

spiritual state of mind and try to heal

1275

00:53:15,259 --> 00:53:13,950

I would say just heal I mean just

1276

00:53:17,359 --> 00:53:15,269

healing for crying out loud it's a

1277

00:53:20,809 --> 00:53:17,369

natural thing and the sense of

1278

00:53:24,470 --> 00:53:20,819

spirituality is is a sensation you have

1279

00:53:25,670 --> 00:53:24,480

in your conscious mind I don't know that

1280

00:53:27,920 --> 00:53:25,680

the conscious mind is particularly

1281

00:53:30,410 --> 00:53:27,930

relevant any of this stuff but then

1282

00:53:33,470 --> 00:53:30,420

you're using conscious there in a very

1283

00:53:36,380 --> 00:53:33,480

narrow way that that we understand it

1284

00:53:38,059 --> 00:53:36,390

right because the whole work that you're

1285

00:53:39,249 --> 00:53:38,069

talking about challenges our

1286

00:53:42,049 --> 00:53:39,259

understanding of consciousness

1287

00:53:44,480 --> 00:53:42,059

especially when we when we look at how

1288

00:53:45,650 --> 00:53:44,490

that's embedded in a scientific

1289

00:53:47,390 --> 00:53:45,660

establishment that doesn't even

1290

00:53:49,640 --> 00:53:47,400

acknowledge that there is such a thing

1291

00:53:51,470 --> 00:53:49,650

as consciousness so I mean it's it's

1292

00:53:53,779 --> 00:53:51,480

hard to really write these things down

1293

00:53:56,630 --> 00:53:53,789

one thing I wanted to touch on it

1294

00:53:58,339 --> 00:53:56,640

because it did cross my mind and I'm

1295

00:54:02,239 --> 00:53:58,349

sure a lot of people are thinking about

1296

00:54:05,809 --> 00:54:02,249

this you can at point sound like this

1297

00:54:08,239 --> 00:54:05,819

cruel you know the ultimate cruel animal

1298

00:54:11,479 --> 00:54:08,249

killer experimenter who's you know

1299

00:54:13,609 --> 00:54:11,489

injecting all these mice with cancer and

1300

00:54:15,259 --> 00:54:13,619

you had just a beautiful little tidbit

1301
00:54:18,380 --> 00:54:15,269
in an interview I heard where you said

1302
00:54:22,130 --> 00:54:18,390
you know you're much more morally

1303
00:54:26,120 --> 00:54:22,140
outraged at the idea as long as well as

1304
00:54:29,989 --> 00:54:26,130
the efficacy of killing cancer cells in

1305
00:54:32,720 --> 00:54:29,999
a petri dish then you are with the

1306
00:54:36,979 --> 00:54:32,730
necessity of performing these

1307
00:54:41,680 --> 00:54:36,989
experiments on these mice raised a

1308
00:54:45,229 --> 00:54:41,690
couple of interesting things one is I am

1309
00:54:48,499 --> 00:54:45,239
very uncomfortable with doing animal

1310
00:54:52,489 --> 00:54:48,509
research just because I'm uncomfortable

1311
00:54:55,400 --> 00:54:52,499
I don't know how else to do it so the

1312
00:54:58,010 --> 00:54:55,410
the kinds of things that I have done

1313
00:55:00,079 --> 00:54:58,020

there is no alternative to doing it the

1314

00:55:01,849 --> 00:55:00,089

way I do it at least as far as I'm aware

1315

00:55:03,079 --> 00:55:01,859

right now hey and let's interject

1316

00:55:04,880 --> 00:55:03,089

something there because it's a really

1317

00:55:08,210 --> 00:55:04,890

good point that you make you know you do

1318

00:55:10,010 --> 00:55:08,220

the same experiment with people and you

1319

00:55:11,510 --> 00:55:10,020

just try and heal people and you run

1320

00:55:13,789 --> 00:55:11,520

into all sorts of problems

1321

00:55:15,770 --> 00:55:13,799

experimentally and the main one is that

1322

00:55:19,039 --> 00:55:15,780

they come to you once and they never

1323

00:55:20,839 --> 00:55:19,049

come back they don't that yet so you

1324

00:55:23,870 --> 00:55:20,849

would not be able to produce results

1325

00:55:25,309 --> 00:55:23,880

that would have any chance not that your

1326

00:55:26,299 --> 00:55:25,319

results in general have any chance of

1327

00:55:28,039 --> 00:55:26,309

changing the medical establishment

1328

00:55:31,430 --> 00:55:28,049

because history would suggest that they

1329

00:55:34,279 --> 00:55:31,440

don't but you wouldn't even be on the

1330

00:55:36,140 --> 00:55:34,289

radar if you weren't doing this in a

1331

00:55:39,200 --> 00:55:36,150

very controlled way that you can do with

1332

00:55:41,809 --> 00:55:39,210

the thousand mice in a cage right no you

1333

00:55:44,329 --> 00:55:41,819

have people and I I mean you really

1334

00:55:47,240 --> 00:55:44,339

can't make any conclusions from from

1335

00:55:50,750 --> 00:55:47,250

doing people that are that are worth too

1336

00:55:53,870 --> 00:55:50,760

much in my opinion so let's say you had

1337

00:55:56,000 --> 00:55:53,880

10 people who who came to you and you

1338

00:55:59,299 --> 00:55:56,010

did these healing techniques on 10

1339

00:56:02,900 --> 00:55:59,309

people and they all got better you you

1340

00:56:05,210 --> 00:56:02,910

don't know what did it so you don't know

1341

00:56:06,950 --> 00:56:05,220

whether it was their diet you don't know

1342

00:56:08,480 --> 00:56:06,960

whether it was they got more sleep they

1343

00:56:09,049 --> 00:56:08,490

got less sleep they got you know who

1344

00:56:11,960 --> 00:56:09,059

knows

1345

00:56:14,329 --> 00:56:11,970

so people are ugly in the sense that

1346

00:56:17,210 --> 00:56:14,339

they don't produce clean data and it

1347

00:56:20,029 --> 00:56:17,220

gets worse that as you point out they

1348

00:56:21,740 --> 00:56:20,039

don't come back so the odds of getting

1349

00:56:24,980 --> 00:56:21,750

10 people to follow all the way through

1350

00:56:26,720 --> 00:56:24,990

is are extremely remote in the case of

1351
00:56:29,299 --> 00:56:26,730
the mice and the reason that it's such a

1352
00:56:30,859 --> 00:56:29,309
beautiful model is you have thousands

1353
00:56:32,420 --> 00:56:30,869
and thousands of experiments you know

1354
00:56:34,099 --> 00:56:32,430
exactly what's going to happen you know

1355
00:56:36,440 --> 00:56:34,109
the conditions which will produce what

1356
00:56:39,910 --> 00:56:36,450
effects you know all those things and

1357
00:56:43,849 --> 00:56:39,920
you can make reasonably hard conclusions

1358
00:56:45,950 --> 00:56:43,859
so without the mice you'd have a bunch

1359
00:56:48,799 --> 00:56:45,960
of people that you hear stories about

1360
00:56:51,230 --> 00:56:48,809
and the people had a condition and then

1361
00:56:52,880 --> 00:56:51,240
someone said hocus-pocus and wave their

1362
00:56:54,710 --> 00:56:52,890
arms and then the condition left Welli

1363
00:56:58,039 --> 00:56:54,720

are you going to tie the two together I

1364

00:57:03,410 --> 00:56:58,049

don't know maybe it was the vitamin C

1365

00:57:05,120 --> 00:57:03,420

they took who knows so a skeptic doesn't

1366

00:57:08,700 --> 00:57:05,130

have a way to come to a firm conclusion

1367

00:57:12,359 --> 00:57:08,710

there so bill back to the the moral

1368

00:57:14,849 --> 00:57:12,369

problems of killing those cancer cells

1369

00:57:15,780 --> 00:57:14,859

in a petri dish I think that's a really

1370

00:57:18,720 --> 00:57:15,790

interesting point

1371

00:57:21,630 --> 00:57:18,730

well it sounds facetious but I think

1372

00:57:22,079 --> 00:57:21,640

that in in my crazy way of looking at

1373

00:57:24,960 --> 00:57:22,089

the world

1374

00:57:27,780 --> 00:57:24,970

I think the healing should heal if you

1375

00:57:29,700 --> 00:57:27,790

have cancer cells in a petri dish or a

1376

00:57:32,970 --> 00:57:29,710

well plate or whatever your storage

1377

00:57:36,300 --> 00:57:32,980

facility is and a healer comes along and

1378

00:57:39,510 --> 00:57:36,310

does whatever their healing thing is

1379

00:57:41,400 --> 00:57:39,520

then presumably the the outcome is to

1380

00:57:44,640 --> 00:57:41,410

the benefit of that which their healing

1381

00:57:47,180 --> 00:57:44,650

cancer in a in a test tube we'll call it

1382

00:57:49,320 --> 00:57:47,190

has no need other than to reproduce

1383

00:57:52,410 --> 00:57:49,330

that's what struck me about that

1384

00:57:56,520 --> 00:57:52,420

statement is it immediately shifted my

1385

00:57:58,620 --> 00:57:56,530

my awareness from these mice who are

1386

00:57:59,970 --> 00:57:58,630

dying which is really kind of like you

1387

00:58:03,390 --> 00:57:59,980

said a terrible horrible thing to think

1388

00:58:05,430 --> 00:58:03,400

about - why did I focus on that as

1389

00:58:07,800 --> 00:58:05,440

opposed to these cells why did I

1390

00:58:10,370 --> 00:58:07,810

immediately you know jump right into the

1391

00:58:14,339 --> 00:58:10,380

middle of this assumed hierarchical

1392

00:58:17,099 --> 00:58:14,349

importance of life you know and I think

1393

00:58:19,140 --> 00:58:17,109

you draw to that and I think taking it

1394

00:58:22,050 --> 00:58:19,150

in a totally different direction what

1395

00:58:24,450 --> 00:58:22,060

are the implications for that in terms

1396

00:58:26,670 --> 00:58:24,460

of how we do this kind of medical

1397

00:58:32,160 --> 00:58:26,680

research because as your research

1398

00:58:34,380 --> 00:58:32,170

suggests maybe cancer cells in a test

1399

00:58:38,160 --> 00:58:34,390

tube or in a petri dish have a different

1400

00:58:41,810 --> 00:58:38,170

need than the cells in a mouse and

1401

00:58:43,980 --> 00:58:41,820

therefore you know what kind of crazy

1402

00:58:47,430 --> 00:58:43,990

experimental effect are we introducing

1403

00:58:50,160 --> 00:58:47,440

that's kind of mucking up all our data

1404

00:58:52,380 --> 00:58:50,170

when we look at the test tube yeah I

1405

00:58:53,670 --> 00:58:52,390

actually wrote an editorial about this

1406

00:58:56,460 --> 00:58:53,680

for the Journal of alternative and

1407

00:58:59,130 --> 00:58:56,470

complementary medicine they asked me to

1408

00:59:02,010 --> 00:58:59,140

write an editorial and and the real

1409

00:59:03,690 --> 00:59:02,020

short version was there was a group of

1410

00:59:06,030 --> 00:59:03,700

Joe ray practitioners Joe raised a

1411

00:59:08,010 --> 00:59:06,040

particular method of healing

1412

00:59:09,870 --> 00:59:08,020

I don't know how to do it but but it

1413

00:59:13,820 --> 00:59:09,880

alleges to produce healing effects and

1414

00:59:17,430 --> 00:59:13,830

they got a bunch of Joe ray healers who

1415

00:59:19,200 --> 00:59:17,440

intended healing had a bunch of cancer

1416

00:59:22,109 --> 00:59:19,210

cells they had six different kinds of

1417

00:59:25,200 --> 00:59:22,119

cancer a couple of human couple of

1418

00:59:27,269 --> 00:59:25,210

a mouse and they were intending to these

1419

00:59:30,059 --> 00:59:27,279

we'll just call them pet petri dishes

1420

00:59:31,980 --> 00:59:30,069

they were intending to these healing and

1421

00:59:34,859 --> 00:59:31,990

and what they found was they had a

1422

00:59:38,279 --> 00:59:34,869

significant increase in the death rate

1423

00:59:42,900 --> 00:59:38,289

of these cells and I got alarmed

1424

00:59:44,759 --> 00:59:42,910

I got alarmed and I thought whoa well I

1425

00:59:46,319 --> 00:59:44,769

mean this this this could be reasonably

1426
00:59:48,329 --> 00:59:46,329
profound about what this says about

1427
00:59:50,700 --> 00:59:48,339
healing and certainly what it says about

1428
00:59:52,769 --> 00:59:50,710
intent because if these people were

1429
00:59:55,499 --> 00:59:52,779
intending healing yet they had an

1430
00:59:57,809 --> 00:59:55,509
increase in cell death does that mean

1431
00:59:59,730 --> 00:59:57,819
that intention doesn't matter is it

1432
01:00:04,230 --> 00:59:59,740
possible that you intend healing yet

1433
01:00:06,210 --> 01:00:04,240
killing results and so if this was

1434
01:00:08,819 --> 01:00:06,220
likened or you could see the direct

1435
01:00:11,460 --> 01:00:08,829
analogy to something like radiation

1436
01:00:13,650 --> 01:00:11,470
so here the healer is going is that SAP

1437
01:00:16,559 --> 01:00:13,660
and and the cells are dying at a

1438
01:00:18,749 --> 01:00:16,569

particular rate an increased rate of

1439

01:00:21,180 --> 01:00:18,759

death and and so I found that

1440

01:00:25,079 --> 01:00:21,190

particularly interesting that maybe

1441

01:00:29,099 --> 01:00:25,089

these healers are not healing maybe this

1442

01:00:31,559 --> 01:00:29,109

is more of a psychokinetic effect that

1443

01:00:34,079 --> 01:00:31,569

they had an intention what they consider

1444

01:00:35,999 --> 01:00:34,089

healing was really to kill cells mhm and

1445

01:00:39,239 --> 01:00:36,009

I don't consider that healing at all

1446

01:00:42,210 --> 01:00:39,249

mm-hmm yeah be careful what your what

1447

01:00:44,339 --> 01:00:42,220

your intentions really are yes well

1448

01:00:48,210 --> 01:00:44,349

maybe a second kinetic effect going see

1449

01:00:53,009 --> 01:00:48,220

if we can change or kill cells or do all

1450

01:00:54,690 --> 01:00:53,019

that and maybe it works but I I the way

1451

01:00:56,729 --> 01:00:54,700

it was described in the paper

1452

01:00:59,009 --> 01:00:56,739

the healers intended healing and I

1453

01:01:01,680 --> 01:00:59,019

thought this would make sense you know

1454

01:01:05,190 --> 01:01:01,690

and of course the idea of intending harm

1455

01:01:07,559 --> 01:01:05,200

and intending killing is something that

1456

01:01:09,539 --> 01:01:07,569

our government has investigated for

1457

01:01:11,789 --> 01:01:09,549

quite some time I mean the movie yeah

1458

01:01:13,200 --> 01:01:11,799

men that stare at goats and Jon Ronson

1459

01:01:15,599 --> 01:01:13,210

is somebody we've had on the show even

1460

01:01:17,099 --> 01:01:15,609

though he's kind of a skeptical bent if

1461

01:01:18,989 --> 01:01:17,109

you talk to the really the people who

1462

01:01:21,269 --> 01:01:18,999

really were involved in those projects

1463

01:01:24,630 --> 01:01:21,279

they said yeah we were trying to do that

1464

01:01:26,279 --> 01:01:24,640

we were trying to focus that ability

1465

01:01:28,410 --> 01:01:26,289

well it doesn't sound like they had

1466

01:01:29,880 --> 01:01:28,420

nearly that the deeper understanding of

1467

01:01:31,769 --> 01:01:29,890

it than you did but then we'll never

1468

01:01:34,259 --> 01:01:31,779

know because we will never see that

1469

01:01:35,640 --> 01:01:34,269

research but yeah it does bring up some

1470

01:01:39,060 --> 01:01:35,650

thorny issues in terms

1471

01:01:41,310 --> 01:01:39,070

of intention and psychokinesis yeah if

1472

01:01:44,670 --> 01:01:41,320

you could intention in psychokinesis

1473

01:01:46,320 --> 01:01:44,680

screw up cells and increase cell death

1474

01:01:48,600 --> 01:01:46,330

and do all those kinds of things you

1475

01:01:50,970 --> 01:01:48,610

know wonderful show me the evidence and

1476

01:01:52,860 --> 01:01:50,980

I but I would just conceptually consider

1477

01:01:55,040 --> 01:01:52,870

that to be different than healing so you

1478

01:01:56,430 --> 01:01:55,050

get for example the wonderful

1479

01:01:58,950 --> 01:01:56,440

experiments done at Princeton

1480

01:02:00,740 --> 01:01:58,960

engineering and in the pear lab for

1481

01:02:04,620 --> 01:02:00,750

about 30 years

1482

01:02:06,330 --> 01:02:04,630

can can a consciousness deliberately

1483

01:02:08,880 --> 01:02:06,340

affect the outcome of a random number

1484

01:02:11,490 --> 01:02:08,890

generator well they have 30 years of

1485

01:02:14,250 --> 01:02:11,500

data that I mean de yes the answer is

1486

01:02:16,500 --> 01:02:14,260

yes the consciousness can affect the

1487

01:02:17,820 --> 01:02:16,510

outcome of a random number generator I

1488

01:02:19,650 --> 01:02:17,830

mean there's no question at this point

1489

01:02:22,920 --> 01:02:19,660

they have literally millions of trials

1490

01:02:25,110 --> 01:02:22,930

and you can come in there and make a

1491

01:02:27,270 --> 01:02:25,120

little call an electronic coin flip or

1492

01:02:29,250 --> 01:02:27,280

come out more heads than it ought to or

1493

01:02:31,050 --> 01:02:29,260

make it come out more tails that I go up

1494

01:02:34,350 --> 01:02:31,060

to and when a consciousness inserts

1495

01:02:37,140 --> 01:02:34,360

itself then the outcome changes when the

1496

01:02:39,570 --> 01:02:37,150

consciousness other inserts itself the

1497

01:02:42,660 --> 01:02:39,580

outcome goes back to chance and so

1498

01:02:45,750 --> 01:02:42,670

that's a psychokinetic effect I think

1499

01:02:49,650 --> 01:02:45,760

that's different than healing and so I I

1500

01:02:51,030 --> 01:02:49,660

did some experiments that I I haven't

1501
01:02:52,350 --> 01:02:51,040
published yet because I need a whole

1502
01:02:57,360 --> 01:02:52,360
bunch of replications before I'll

1503
01:03:01,680 --> 01:02:57,370
publish anything but if the essentially

1504
01:03:04,320 --> 01:03:01,690
it was treating the medium in which the

1505
01:03:06,720 --> 01:03:04,330
cancer cells are grown so these are in

1506
01:03:09,510 --> 01:03:06,730
vitro and treating the medium in which

1507
01:03:13,380 --> 01:03:09,520
the cancer cells are grown so you have

1508
01:03:15,450 --> 01:03:13,390
the nutrients the medium that I mean you

1509
01:03:18,870 --> 01:03:15,460
put cancer cells in them and they that's

1510
01:03:21,990 --> 01:03:18,880
their food what happens if you intend

1511
01:03:23,610 --> 01:03:22,000
healing to the medium in which the

1512
01:03:26,400 --> 01:03:23,620
cancer cells are grown that's the

1513
01:03:28,770 --> 01:03:26,410

question and it turns out that we had at

1514

01:03:30,660 --> 01:03:28,780

least an increase of 600 percent growth

1515

01:03:32,430 --> 01:03:30,670

in cancer cells Wow

1516

01:03:35,610 --> 01:03:32,440

you know kind of scared the lab a little

1517

01:03:37,800 --> 01:03:35,620

bit it ate for the graduate assistants

1518

01:03:39,750 --> 01:03:37,810

you know things like that and so the

1519

01:03:42,450 --> 01:03:39,760

cancer went crazy now that's pretty

1520

01:03:43,800 --> 01:03:42,460

interesting I'm not surprised I mean I

1521

01:03:45,630 --> 01:03:43,810

was a little shocked by the by the

1522

01:03:47,790 --> 01:03:45,640

strength of the effect cuz it was until

1523

01:03:49,410 --> 01:03:47,800

he didn't have to do any statistics this

1524

01:03:52,829 --> 01:03:49,420

wasn't a subtle effect

1525

01:03:56,400 --> 01:03:52,839

oh six a little more six hundred percent

1526

01:03:58,530 --> 01:03:56,410

increase in cancer cell growth that's

1527

01:03:59,789 --> 01:03:58,540

healing now what would happen I don't

1528

01:04:01,339 --> 01:03:59,799

know the answer incidentally what would

1529

01:04:03,750 --> 01:04:01,349

happen if you took that same

1530

01:04:05,700 --> 01:04:03,760

supercharged cancer which I would

1531

01:04:09,059 --> 01:04:05,710

consider having been healed because

1532

01:04:11,730 --> 01:04:09,069

cancer does what it divides mm-hmm

1533

01:04:13,799 --> 01:04:11,740

if you if you read the book the emperor

1534

01:04:16,069 --> 01:04:13,809

of all maladies which is a biography of

1535

01:04:18,299 --> 01:04:16,079

cancer has a wonderful line in there

1536

01:04:21,180 --> 01:04:18,309

saying that cancer is a more perfect

1537

01:04:25,140 --> 01:04:21,190

version of ourselves that get your

1538

01:04:26,940 --> 01:04:25,150

attention you know so cancer divides it

1539

01:04:28,890 --> 01:04:26,950

doesn't know how to stop dividing so

1540

01:04:30,450 --> 01:04:28,900

it's got a short term incredible success

1541

01:04:33,480 --> 01:04:30,460

rate with a not a great long term

1542

01:04:35,299 --> 01:04:33,490

strategy and and and so you know haven't

1543

01:04:39,329 --> 01:04:35,309

thought things through its kind of like

1544

01:04:42,809 --> 01:04:39,339

capitalism so so you're looking for

1545

01:04:44,430 --> 01:04:42,819

quarterly profits cancer goes nuts and

1546

01:04:48,660 --> 01:04:44,440

beats out everybody else and has no loss

1547

01:04:50,039 --> 01:04:48,670

which if you heal that it should get

1548

01:04:51,750 --> 01:04:50,049

what it wants and what does it want to

1549

01:04:54,660 --> 01:04:51,760

do it wants to keep going and that's

1550

01:04:57,299 --> 01:04:54,670

that's what happened now if we took that

1551
01:05:00,299 --> 01:04:57,309
same supercharged cancer and injected it

1552
01:05:04,079 --> 01:05:00,309
into a mouse what would happen I don't

1553
01:05:06,660 --> 01:05:04,089
know I got to do this but my suspicion

1554
01:05:08,599 --> 01:05:06,670
is it would then collapse because you'd

1555
01:05:12,599 --> 01:05:08,609
have a lot of energy in the system and

1556
01:05:15,150 --> 01:05:12,609
the cancer I suspect is a group of cells

1557
01:05:17,970 --> 01:05:15,160
not in communication with its neighbors

1558
01:05:20,010 --> 01:05:17,980
and if what the organism needs is to

1559
01:05:22,140 --> 01:05:20,020
communicate with the cancer you're not

1560
01:05:25,500 --> 01:05:22,150
killing you're healing so healing in

1561
01:05:27,329 --> 01:05:25,510
that in that conceptual model is saying

1562
01:05:31,079 --> 01:05:27,339
to cancer come play with us

1563
01:05:32,910 --> 01:05:31,089

well it's an amazing body of work then

1564

01:05:34,890 --> 01:05:32,920

and I love that phrase come play with us

1565

01:05:36,809 --> 01:05:34,900

because I think the whole body of work

1566

01:05:38,370 --> 01:05:36,819

invites us come play with us I mean

1567

01:05:41,099 --> 01:05:38,380

that's that's what it's saying come

1568

01:05:44,309 --> 01:05:41,109

figure me out come understand what this

1569

01:05:46,620 --> 01:05:44,319

means give folks a sense for the scope

1570

01:05:49,039 --> 01:05:46,630

of this bill because you have so many

1571

01:05:51,809 --> 01:05:49,049

great stories but you have this

1572

01:05:53,250 --> 01:05:51,819

fantastic book the energy cure

1573

01:05:55,109 --> 01:05:53,260

unraveling the mystery of hands on

1574

01:05:57,329 --> 01:05:55,119

healing but you also have numerous

1575

01:05:59,400 --> 01:05:57,339

numerous peer-reviewed paper give us a

1576

01:06:02,339 --> 01:05:59,410

sense for the scope of what you've

1577

01:06:03,089 --> 01:06:02,349

published out there oh I've got stuff on

1578

01:06:05,969 --> 01:06:03,099

say

1579

01:06:07,069 --> 01:06:05,979

locking a brains on cancer emitting in

1580

01:06:10,859 --> 01:06:07,079

mice on

1581

01:06:14,279 --> 01:06:10,869

EEG stuff on functional MRI stuff on I

1582

01:06:16,289 --> 01:06:14,289

think I have a pretty novel idea of how

1583

01:06:18,509 --> 01:06:16,299

placebos work with an actual linkage

1584

01:06:19,920 --> 01:06:18,519

between experiment control groups you

1585

01:06:22,499 --> 01:06:19,930

know that kind of stuff so so that I

1586

01:06:23,910 --> 01:06:22,509

mean my interest run pretty wide they

1587

01:06:25,229 --> 01:06:23,920

run pretty wide one of the things I'm

1588

01:06:28,079 --> 01:06:25,239

interested in that you mentioned the

1589

01:06:31,890 --> 01:06:28,089

energy cure as the book I also have a

1590

01:06:33,960 --> 01:06:31,900

companion CD set which I'm interested in

1591

01:06:36,599 --> 01:06:33,970

about the question of can healing be

1592

01:06:38,999 --> 01:06:36,609

taught and I published a paper a couple

1593

01:06:41,400 --> 01:06:39,009

years ago on the question can healing be

1594

01:06:44,279 --> 01:06:41,410

taught and I've gotten a lot of flack

1595

01:06:46,019 --> 01:06:44,289

for that people yelling in my face and

1596

01:06:48,239 --> 01:06:46,029

stuff you like saying you're an idiot of

1597

01:06:49,650 --> 01:06:48,249

course it can be taught and I said well

1598

01:06:51,180 --> 01:06:49,660

do you have any evidence and of course

1599

01:06:54,749 --> 01:06:51,190

they say we don't need evidence and I

1600

01:06:56,489 --> 01:06:54,759

said well I'm scared of you that it it

1601

01:06:58,259 --> 01:06:56,499

turns out although most healers

1602

01:06:59,039 --> 01:06:58,269

virtually every healer has been taught

1603

01:07:02,609 --> 01:06:59,049

by someone

1604

01:07:03,960 --> 01:07:02,619

no one has pre post tests let me just

1605

01:07:07,140 --> 01:07:03,970

interject something here I mean it's

1606

01:07:10,559 --> 01:07:07,150

this is not like some money scam thing

1607

01:07:14,459 --> 01:07:10,569

this thing is 40 bucks on Amazon right

1608

01:07:16,229 --> 01:07:14,469

so it's not like you're really trying to

1609

01:07:19,859 --> 01:07:16,239

engage as many people as you can

1610

01:07:22,019 --> 01:07:19,869

obviously in this in this work and kind

1611

01:07:24,359 --> 01:07:22,029

of create this social experiment as well

1612

01:07:27,390 --> 01:07:24,369

right yeah it's interesting to me Kent

1613

01:07:29,160 --> 01:07:27,400

can someone not can someone listen to

1614

01:07:31,079 --> 01:07:29,170

this stuff learn the techniques and then

1615

01:07:34,440 --> 01:07:31,089

do it themselves I have a group in a

1616

01:07:37,009 --> 01:07:34,450

hospital I don't want to mention in in

1617

01:07:40,229 --> 01:07:37,019

Delaware actually that are trying this

1618

01:07:41,819 --> 01:07:40,239

so they're in a particular division of

1619

01:07:45,029 --> 01:07:41,829

the hospital and they're there have a

1620

01:07:47,519 --> 01:07:45,039

group of people listening to the CDs and

1621

01:07:49,109 --> 01:07:47,529

then trying some healing sperms they're

1622

01:07:50,940 --> 01:07:49,119

starting simple with things on plants

1623

01:07:54,059 --> 01:07:50,950

and such but they're hoping to get to a

1624

01:07:57,209 --> 01:07:54,069

full-fledged experimental design with

1625

01:08:00,059 --> 01:07:57,219

with animals I have someone else about

1626

01:08:01,829 --> 01:08:00,069

to do an experiment at a at a medical

1627

01:08:03,630 --> 01:08:01,839

school I don't want to mention because I

1628

01:08:06,120 --> 01:08:03,640

don't know how aboveboard it is there

1629

01:08:09,690 --> 01:08:06,130

how much is hidden but a medical school

1630

01:08:12,299 --> 01:08:09,700

is about to try a replication of the my

1631

01:08:15,059 --> 01:08:12,309

stuff using the healing techniques

1632

01:08:16,860 --> 01:08:15,069

so whether healing can be taught and and

1633

01:08:18,810 --> 01:08:16,870

what is the pre post is

1634

01:08:20,460 --> 01:08:18,820

a pretty interesting question that's

1635

01:08:22,140 --> 01:08:20,470

among my publications to assert answers

1636

01:08:23,970 --> 01:08:22,150

your other questions well well bill it's

1637

01:08:27,210 --> 01:08:23,980

it's just an amazing body of work we've

1638

01:08:28,500 --> 01:08:27,220

only we've taken a hour and 15 minutes

1639

01:08:29,790 --> 01:08:28,510

here but we've really really just

1640

01:08:32,250 --> 01:08:29,800

scratched the surface and as we've

1641

01:08:34,800 --> 01:08:32,260

talked about there's so many research

1642

01:08:36,090 --> 01:08:34,810

possibilities out there we just have to

1643

01:08:38,610 --> 01:08:36,100

encourage everyone go out get that

1644

01:08:41,010 --> 01:08:38,620

tenure and then call Bill up in the hell

1645

01:08:42,510 --> 01:08:41,020

hell yeah I guess getting tenure up get

1646

01:08:43,800 --> 01:08:42,520

yourself tenure in a lab and I'll feed

1647

01:08:45,450 --> 01:08:43,810

you hundreds of research questions

1648

01:08:46,860 --> 01:08:45,460

because I don't have enough time to do

1649

01:08:49,440 --> 01:08:46,870

everything that needs to be done and

1650

01:08:51,360 --> 01:08:49,450

it's it's also interesting and every

1651
01:08:53,670 --> 01:08:51,370
time we do an experiment it never comes

1652
01:08:56,220 --> 01:08:53,680
out the way he expected to which is the

1653
01:08:58,110 --> 01:08:56,230
fun well it's been terrific having you

1654
01:09:00,570 --> 01:08:58,120
on thanks again so much for joining me

1655
01:09:02,340 --> 01:09:00,580
today thank you very much thanks again

1656
01:09:04,380 --> 01:09:02,350
to Bill Bengston for joining me today on

1657
01:09:07,230 --> 01:09:04,390
skeptic Oh a couple of discussion

1658
01:09:09,900 --> 01:09:07,240
questions arty up here first is the how

1659
01:09:13,020 --> 01:09:09,910
can it be questioned how can such utter

1660
01:09:15,870 --> 01:09:13,030
leer evolutionary paradigm busting

1661
01:09:17,850 --> 01:09:15,880
research fly underneath the radar it

1662
01:09:20,250 --> 01:09:17,860
seems to me that the Cancer Research

1663
01:09:22,410 --> 01:09:20,260

community or should I say the cancer

1664

01:09:25,350 --> 01:09:22,420

research industry needs to either

1665

01:09:28,020 --> 01:09:25,360

provide overwhelming evidence that the

1666

01:09:30,330 --> 01:09:28,030

peer-reviewed published research papers

1667

01:09:32,820 --> 01:09:30,340

of dr. Bankston aren't worth the paper

1668

01:09:35,640 --> 01:09:32,830

they're written on or roll up their

1669

01:09:37,290 --> 01:09:35,650

sleeves and get busy and figure out what

1670

01:09:40,230 --> 01:09:37,300

the heck he's doing here

1671

01:09:42,090 --> 01:09:40,240

the second question i tee up would

1672

01:09:44,760 --> 01:09:42,100

really take us in a completely different

1673

01:09:48,330 --> 01:09:44,770

direction and that is what is dr.

1674

01:09:50,190 --> 01:09:48,340

Bankston telling us about belief he's

1675

01:09:52,650 --> 01:09:50,200

really going against everything that

1676

01:09:55,140 --> 01:09:52,660

we've been conditioned to understand in

1677

01:09:58,620 --> 01:09:55,150

terms of how belief works how prayer

1678

01:10:00,600 --> 01:09:58,630

works how the placebo effect works he's

1679

01:10:02,790 --> 01:10:00,610

got some interesting theories on where

1680

01:10:05,070 --> 01:10:02,800

that might lead us but I'd like to hear

1681

01:10:08,430 --> 01:10:05,080

your thoughts on what you think his

1682

01:10:10,470 --> 01:10:08,440

research tells us about belief so if

1683

01:10:12,360 --> 01:10:10,480

you'd like to connect with me and/or the

1684

01:10:14,970 --> 01:10:12,370

rest of the skeptical community and

1685

01:10:19,370 --> 01:10:14,980

discuss these questions place to do it

1686

01:10:22,200 --> 01:10:19,380

is the skeptic Oh website at ske pti

1687

01:10:24,690 --> 01:10:22,210

koat.com you can connect to our forum

1688

01:10:27,180 --> 01:10:24,700

and link up with us there you can leave

1689

01:10:29,670 --> 01:10:27,190

comments directly on the website or you

1690

01:10:30,240 --> 01:10:29,680

can shoot off an email or a Facebook

1691

01:10:32,820 --> 01:10:30,250

note

1692

01:10:34,950 --> 01:10:32,830

me and will try and connect that way I

1693

01:10:37,440 --> 01:10:34,960

have many interesting skeptical shows

1694

01:10:40,320 --> 01:10:37,450

coming up the topics keep pouring in and

1695

01:10:42,540 --> 01:10:40,330

as always I just kind of go with my gut

1696

01:10:44,460 --> 01:10:42,550

in terms of following areas that I'm

1697

01:10:46,230 --> 01:10:44,470

interested in pursuing and it hopefully

1698

01:10:49,200 --> 01:10:46,240

it'll all come together into something

1699

01:10:52,050 --> 01:10:49,210

that makes sense and moves this dialogue

1700

01:10:54,480 --> 01:10:52,060

forward and as always I encourage you to

1701

01:10:56,340 --> 01:10:54,490

get involved in that process if you have

1702

01:10:58,950 --> 01:10:56,350

a topic that you're passionate about

1703

01:11:01,440 --> 01:10:58,960

that you think fits within the skeptical

1704

01:11:03,690 --> 01:11:01,450

framework send me an email and tell me

1705

01:11:05,790 --> 01:11:03,700

what you'd like to do to get that topic

1706

01:11:08,430 --> 01:11:05,800

covered I don't just need you to suggest

1707

01:11:10,470 --> 01:11:08,440

to guests I need you to roll up your

1708

01:11:12,960 --> 01:11:10,480

sleeves and get involved and figure out

1709

01:11:14,970 --> 01:11:12,970

how we make that happen and if you're

1710

01:11:17,340 --> 01:11:14,980

interested in getting involved in that

1711

01:11:19,130 --> 01:11:17,350

way and helping produce a show I'm

1712

01:11:21,570 --> 01:11:19,140

interested in helping you do that

1713

01:11:24,150 --> 01:11:21,580

skeptic Oh is designed to be a

1714

01:11:26,100 --> 01:11:24,160

collective community effort and I want

1715

01:11:28,650 --> 01:11:26,110

to encourage that as much as I can

1716

01:11:31,530 --> 01:11:28,660

well that's gonna do it for today for