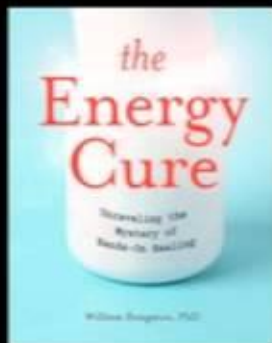


Hands On Healing
Research Ignored
By Cancer Industry

Dr. William Bengston



skeptiko.com

1
00:00:14,060 --> 00:00:11,870
on this episode of skeptic Oh Alex talks

2
00:00:16,609 --> 00:00:14,070
with dr. William bingston about his

3
00:00:19,279 --> 00:00:16,619
amazing research into hands-on healing I

4
00:00:22,099 --> 00:00:19,289
pulled my hands around the cages of the

5
00:00:25,730 --> 00:00:22,109
mice for about an hour a day and I

6
00:00:27,290 --> 00:00:25,740
expected at the time that healing if it

7
00:00:30,230 --> 00:00:27,300
were to work would be something

8
00:00:31,609 --> 00:00:30,240
analogous to radiation but instead the

9
00:00:33,560 --> 00:00:31,619
cancer started to grow and I thought it

10
00:00:35,510 --> 00:00:33,570
was failing tumors got bigger and bigger

11
00:00:38,299 --> 00:00:35,520
thought it wasn't working that may

12
00:00:39,799 --> 00:00:38,309
develop this ulceration on the tumor and

13
00:00:42,709 --> 00:00:39,809

I really thought it wasn't working and

14

00:00:45,080 --> 00:00:42,719

the ulceration grew and the tumor

15

00:00:48,170 --> 00:00:45,090

imploded and the mites were completely

16

00:00:50,810 --> 00:00:48,180

cured unprecedented medically never

17

00:00:52,970 --> 00:00:50,820

happened before for any reason let's

18

00:00:55,430 --> 00:00:52,980

finish the story right bill I mean so

19

00:00:58,040 --> 00:00:55,440

the world changes you received the Nobel

20

00:01:00,380 --> 00:00:58,050

Prize for medicine cancer treatments

21

00:01:03,470 --> 00:01:00,390

around the world are revolutionized and

22

00:01:06,170 --> 00:01:03,480

this is the most highly researched area

23

00:01:08,960 --> 00:01:06,180

of medicine right now right I got all

24

00:01:11,539 --> 00:01:08,970

that right except for the entire

25

00:01:14,000 --> 00:01:11,549

scenario yeah this is not can it take

26

00:01:15,649 --> 00:01:14,010

off as you as you suggest this isn't

27

00:01:17,270 --> 00:01:15,659

something that you know therefore we

28

00:01:19,789 --> 00:01:17,280

we've cured a bunch of mice therefore

29

00:01:31,880 --> 00:01:19,799

the cancer industry falters cancer

30

00:01:35,730 --> 00:01:34,140

welcome to skeptic aware we explore

31

00:01:38,310 --> 00:01:35,740

controversial science with leading

32

00:01:40,350 --> 00:01:38,320

researchers thinkers and their critics

33

00:01:42,180 --> 00:01:40,360

I'm your host Alex Karras and on this

34

00:01:44,280 --> 00:01:42,190

episode of skeptic oh we're going to

35

00:01:47,070 --> 00:01:44,290

look at some amazing research in the

36

00:01:48,870 --> 00:01:47,080

area of hands-on healing but I have to

37

00:01:51,810 --> 00:01:48,880

tell you what really attracted me to the

38

00:01:54,720 --> 00:01:51,820

work of dr. William Bengston is not so

39

00:01:57,120 --> 00:01:54,730

much the healing aspect of it but what

40

00:01:59,280 --> 00:01:57,130

his research means for science in

41

00:02:02,130 --> 00:01:59,290

general as I've said many times on this

42

00:02:04,500 --> 00:02:02,140

show the biggest hurdle to cross when we

43

00:02:06,150 --> 00:02:04,510

look at controversial science when we

44

00:02:08,310 --> 00:02:06,160

look at science that challenges the

45

00:02:11,460 --> 00:02:08,320

rather narrow worldview we've been

46

00:02:14,100 --> 00:02:11,470

painted in the biggest hurdle is how can

47

00:02:16,410 --> 00:02:14,110

this be how can this possibly be true

48

00:02:19,380 --> 00:02:16,420

and that to me is the question that kept

49

00:02:22,470 --> 00:02:19,390

popping into my mind as I delved into

50

00:02:24,900 --> 00:02:22,480

the work of dr. William Bengston how can

51
00:02:27,110 --> 00:02:24,910
this possibly be true here's my

52
00:02:30,390 --> 00:02:27,120
interview with dr. William Bengston

53
00:02:32,730 --> 00:02:30,400
today we welcome dr. William Bengston -

54
00:02:34,920 --> 00:02:32,740
skeptic Oh bill is a professor of

55
00:02:36,810 --> 00:02:34,930
sociology at st. Joseph's College in New

56
00:02:39,479 --> 00:02:36,820
York where he specializes in research

57
00:02:42,990 --> 00:02:39,489
methods and statistics and is the author

58
00:02:46,229 --> 00:02:43,000
of the energy cure unraveling the

59
00:02:47,790 --> 00:02:46,239
mystery of hands on healing and here's

60
00:02:50,729 --> 00:02:47,800
the real interesting part

61
00:02:53,250 --> 00:02:50,739
dr. Bankston is an amazing healer

62
00:02:55,590 --> 00:02:53,260
himself for the past 30 years has

63
00:02:58,320 --> 00:02:55,600

compiled a series of carefully

64

00:03:00,900 --> 00:02:58,330

controlled scientific experiments the

65

00:03:03,720 --> 00:03:00,910

challenge not only our ideas about

66

00:03:06,930 --> 00:03:03,730

healing and medicine but about energy

67

00:03:09,030 --> 00:03:06,940

about belief about science in general

68

00:03:10,680 --> 00:03:09,040

and how we practice it and a whole bunch

69

00:03:13,530 --> 00:03:10,690

of other stuff that I hope we can get to

70

00:03:15,810 --> 00:03:13,540

Bill welcome to skeptic oh thanks so

71

00:03:19,280 --> 00:03:15,820

much for joining me thanks for having me

72

00:03:23,960 --> 00:03:19,290

on Alex so bill your work is really

73

00:03:26,970 --> 00:03:23,970

quite amazing it's its paradigm busting

74

00:03:29,940 --> 00:03:26,980

mainly because you're such a stickler

75

00:03:33,360 --> 00:03:29,950

for running good experiments and trying

76

00:03:35,880 --> 00:03:33,370

to produce good reliable results and

77

00:03:39,330 --> 00:03:35,890

data yeah that's that's my passion

78

00:03:41,520 --> 00:03:39,340

so so let's get to work right and see

79

00:03:43,110 --> 00:03:41,530

what happens and let nature take its

80

00:03:44,850 --> 00:03:43,120

course and

81

00:03:47,640 --> 00:03:44,860

whatever I run an experiment I'm always

82

00:03:49,979 --> 00:03:47,650

amazed at the data never comes out the

83

00:03:52,530 --> 00:03:49,989

way I expected which pretty much means

84

00:03:55,140 --> 00:03:52,540

we don't really get this stuff yet and

85

00:03:59,009 --> 00:03:55,150

so if we can design some really tight

86

00:04:00,990 --> 00:03:59,019

experiments then nature will hopefully

87

00:04:03,990 --> 00:04:01,000

give up some of her secrets she's a

88

00:04:06,600 --> 00:04:04,000

sneaky one interesting hey tell us a

89

00:04:08,369 --> 00:04:06,610

little bit about your background your

90

00:04:11,430 --> 00:04:08,379

educational background particularly in

91

00:04:14,460 --> 00:04:11,440

sociology and that how that served you

92

00:04:16,620 --> 00:04:14,470

or maybe hasn't served you as you've

93

00:04:18,930 --> 00:04:16,630

tried to wrap your arms around this

94

00:04:21,629 --> 00:04:18,940

healing experience that you have

95

00:04:24,270 --> 00:04:21,639

well I'm traditionally trained in

96

00:04:28,020 --> 00:04:24,280

sociology which means you generally have

97

00:04:30,090 --> 00:04:28,030

a specialization or two and then it's

98

00:04:33,000 --> 00:04:30,100

pretty much assumed that you'll become

99

00:04:35,580 --> 00:04:33,010

technically proficient in designing

100

00:04:38,100 --> 00:04:35,590

studies and data analysis and things

101
00:04:41,250 --> 00:04:38,110
along those lines and I actually went a

102
00:04:44,100 --> 00:04:41,260
little bit farther down those lines I am

103
00:04:45,900 --> 00:04:44,110
kind of into interested in advanced

104
00:04:48,629 --> 00:04:45,910
statistical modeling and things along

105
00:04:53,250 --> 00:04:48,639
those lines I don't know that the

106
00:04:55,670 --> 00:04:53,260
sociology training other than focusing

107
00:04:58,050 --> 00:04:55,680
me and becoming very very rigorous

108
00:05:02,040 --> 00:04:58,060
really helped in healing I didn't I

109
00:05:05,460 --> 00:05:02,050
didn't see that as a career path it did

110
00:05:08,070 --> 00:05:05,470
help in terms of interpretation of some

111
00:05:14,180 --> 00:05:08,080
data though I have to speculate on that

112
00:05:16,650 --> 00:05:14,190
ice in my experiments I found that some

113
00:05:18,719 --> 00:05:16,660

anomalous results even within the

114

00:05:21,690 --> 00:05:18,729

context of the anomalies that I normally

115

00:05:23,610 --> 00:05:21,700

get from healing that sometimes the

116

00:05:26,100 --> 00:05:23,620

experimental and control groups become

117

00:05:28,710 --> 00:05:26,110

bound together and I've started to think

118

00:05:31,020 --> 00:05:28,720

about this in terms of maybe this has to

119

00:05:33,839 --> 00:05:31,030

do from a sociological standpoint of

120

00:05:36,450 --> 00:05:33,849

group boundaries sociologists are

121

00:05:38,159 --> 00:05:36,460

interested in groups and how they form

122

00:05:41,640 --> 00:05:38,169

and what they do and the consequences of

123

00:05:44,640 --> 00:05:41,650

it and in my experimental studies much

124

00:05:46,440 --> 00:05:44,650

to my surprise I discovered group

125

00:05:49,680 --> 00:05:46,450

boundaries that I didn't see coming so

126

00:05:51,750 --> 00:05:49,690

that sometimes there's I guess in the

127

00:05:54,719 --> 00:05:51,760

popular terminology that becomes almost

128

00:05:57,300 --> 00:05:54,729

like an entanglement among members of an

129

00:05:59,820 --> 00:05:57,310

experiment and the anomalies per

130

00:06:01,170 --> 00:05:59,830

even more anomalies you know that's

131

00:06:02,850 --> 00:06:01,180

that's interesting and that's a whole

132

00:06:05,550 --> 00:06:02,860

area we could get into it I think you

133

00:06:07,110 --> 00:06:05,560

know entanglement and also this idea of

134

00:06:09,090 --> 00:06:07,120

groups and it has to do with

135

00:06:11,370 --> 00:06:09,100

experimentally what that means in terms

136

00:06:14,970 --> 00:06:11,380

of what is a control group and how the

137

00:06:17,400 --> 00:06:14,980

placebo you even say might drift over

138

00:06:19,470 --> 00:06:17,410

into the into the group but what what

139

00:06:22,050 --> 00:06:19,480

also struck me and what I was getting at

140

00:06:23,220 --> 00:06:22,060

is you know here's a guy when you when

141

00:06:24,780 --> 00:06:23,230

you hear you're sure and I want you to

142

00:06:26,610 --> 00:06:24,790

tell folks a little bit about your story

143

00:06:28,530 --> 00:06:26,620

of how you got into healing you know I

144

00:06:30,390 --> 00:06:28,540

don't think many people would go great

145

00:06:32,520 --> 00:06:30,400

well let's run an experiment and let's

146

00:06:35,370 --> 00:06:32,530

run it this way you know the first thing

147

00:06:38,370 --> 00:06:35,380

because you have to be blown away at

148

00:06:40,170 --> 00:06:38,380

just what happens when you encounter

149

00:06:42,600 --> 00:06:40,180

this healing and yet your first thought

150

00:06:44,280 --> 00:06:42,610

was where's the data how do I produce

151
00:06:46,470 --> 00:06:44,290
the data how do I run an experiment so

152
00:06:48,780 --> 00:06:46,480
maybe let me run the tape backwards in

153
00:06:52,320 --> 00:06:48,790
start and tell folks a little bit about

154
00:06:54,300 --> 00:06:52,330
how you first encountered the healing

155
00:06:56,129 --> 00:06:54,310
phenomena and I guess you encountered it

156
00:06:58,860 --> 00:06:56,139
with with someone else not in yourself

157
00:07:01,469 --> 00:06:58,870
and then you got interested in it yeah I

158
00:07:04,050 --> 00:07:01,479
ran into a guy who was a who claimed

159
00:07:08,159 --> 00:07:04,060
that he had become spontaneously psychic

160
00:07:10,740 --> 00:07:08,169
and I was skeptical I always begin from

161
00:07:12,719 --> 00:07:10,750
a skeptical point of view and so I gave

162
00:07:16,860 --> 00:07:12,729
him a couple of things very informally

163
00:07:18,870 --> 00:07:16,870

to do readings on and such and i l

164

00:07:21,450 --> 00:07:18,880

couldn't trip him up it was it was very

165

00:07:24,540 --> 00:07:21,460

annoying so he would do reading some

166

00:07:26,790 --> 00:07:24,550

personal items wallets and rings and

167

00:07:30,300 --> 00:07:26,800

things like that and until too many

168

00:07:32,510 --> 00:07:30,310

detail things and and as you say I then

169

00:07:35,100 --> 00:07:32,520

default to what how am i deluding myself

170

00:07:37,050 --> 00:07:35,110

how can I make this effect go away so I

171

00:07:40,110 --> 00:07:37,060

designed for example a double-blind

172

00:07:43,770 --> 00:07:40,120

study in the hospital whereby patients

173

00:07:45,630 --> 00:07:43,780

coming in would sign a blank index card

174

00:07:47,460 --> 00:07:45,640

if they were silly enough to do that and

175

00:07:49,380 --> 00:07:47,470

that would be put into an opaque

176

00:07:51,630 --> 00:07:49,390

envelope which we would be put into

177

00:07:53,279 --> 00:07:51,640

another opaque envelope and then I would

178

00:07:55,170 --> 00:07:53,289

pick up the opaque envelopes and I

179

00:07:58,770 --> 00:07:55,180

wouldn't have any idea even if it was a

180

00:08:02,550 --> 00:07:58,780

male or a female I get I gave these to

181

00:08:04,290 --> 00:08:02,560

this this newly minted psychic and he

182

00:08:06,360 --> 00:08:04,300

would physical reading on them and then

183

00:08:09,260 --> 00:08:06,370

I probably broke a whole lot of laws and

184

00:08:10,330 --> 00:08:09,270

had somebody on the inside look at the

185

00:08:12,340 --> 00:08:10,340

the

186

00:08:14,290 --> 00:08:12,350

medical records to see if he was

187

00:08:16,510 --> 00:08:14,300

accurate bill what kind of reading would

188

00:08:18,250 --> 00:08:16,520

he give him what would he say if he has

189

00:08:20,320 --> 00:08:18,260

an envelope inside an envelope with an

190

00:08:22,240 --> 00:08:20,330

index card and just someone's name

191

00:08:24,219 --> 00:08:22,250

scribbled on it what kind of information

192

00:08:25,689 --> 00:08:24,229

could he give you oh he would give

193

00:08:27,879 --> 00:08:25,699

detailed information he would say you

194

00:08:30,490 --> 00:08:27,889

got a gallbladder problems something

195

00:08:32,230 --> 00:08:30,500

along those lines so he'd say the lungs

196

00:08:35,829 --> 00:08:32,240

are filled with fluid he would say

197

00:08:38,170 --> 00:08:35,839

there's pain in this area things along

198

00:08:43,600 --> 00:08:38,180

those lines there's a tumor that that is

199

00:08:45,220 --> 00:08:43,610

located here and and it was actually

200

00:08:47,800 --> 00:08:45,230

pretty startling when I went back and

201
00:08:50,200 --> 00:08:47,810
got the confirmation of this I actually

202
00:08:52,329 --> 00:08:50,210
thought I had him in a mistake but the

203
00:08:55,150 --> 00:08:52,339
hospital it made a mistake so the person

204
00:08:56,710 --> 00:08:55,160
that he had diagnosed was accurate the

205
00:08:58,660 --> 00:08:56,720
hospital had made a misdiagnosis they

206
00:09:00,010 --> 00:08:58,670
came back a month later and found out

207
00:09:03,670 --> 00:09:00,020
that you know his original idea was

208
00:09:05,290 --> 00:09:03,680
right okay yeah it was pretty nutty but

209
00:09:08,530 --> 00:09:05,300
I couldn't make the effect go away which

210
00:09:11,200 --> 00:09:08,540
was pretty annoying and and so I started

211
00:09:13,870 --> 00:09:11,210
to pay attention to this guy and and he

212
00:09:16,750 --> 00:09:13,880
was doing these physical readings this

213
00:09:18,940 --> 00:09:16,760

naturally morphed into the people he was

214

00:09:21,550 --> 00:09:18,950

doing physical readings on were claiming

215

00:09:25,240 --> 00:09:21,560

that the conditions were being helped on

216

00:09:28,090 --> 00:09:25,250

their end and both he and I thought that

217

00:09:31,329 --> 00:09:28,100

was nuts so let's say someone has a

218

00:09:32,590 --> 00:09:31,339

migraine headache and he does a reading

219

00:09:34,210 --> 00:09:32,600

on a person who has a migraine headache

220

00:09:35,560 --> 00:09:34,220

now he doesn't know that about migraine

221

00:09:36,940 --> 00:09:35,570

headache he's holding something of

222

00:09:38,890 --> 00:09:36,950

theirs and he would get that ache and

223

00:09:40,990 --> 00:09:38,900

and the people would say you know what

224

00:09:44,290 --> 00:09:41,000

such-and-such our my headache left and

225

00:09:45,850 --> 00:09:44,300

it was too coincidental it was at a

226

00:09:47,560 --> 00:09:45,860

particular hour he'd get it it would

227

00:09:48,640 --> 00:09:47,570

leave them and so we're both scratching

228

00:09:50,680 --> 00:09:48,650

our head going you know what could it

229

00:09:52,210 --> 00:09:50,690

mean you know one of the amazing things

230

00:09:55,690 --> 00:09:52,220

about this whole account this whole

231

00:09:59,170 --> 00:09:55,700

story of you and Bennett is that it's so

232

00:10:01,360 --> 00:09:59,180

counter anti New Age ish you know here

233

00:10:05,740 --> 00:10:01,370

are two guys who are saying what the

234

00:10:08,170 --> 00:10:05,750

heck's going on healing you're not gonna

235

00:10:10,210 --> 00:10:08,180

define guidance here you're not being

236

00:10:13,030 --> 00:10:10,220

you're not even looking in that

237

00:10:15,610 --> 00:10:13,040

direction and yet you're the data again

238

00:10:18,250 --> 00:10:15,620

as you say is just pulling you there so

239

00:10:21,760 --> 00:10:18,260

what's the next step for you and trying

240

00:10:23,800 --> 00:10:21,770

to make this technique operational and

241

00:10:26,559 --> 00:10:23,810

how did you get pulled into it

242

00:10:29,499 --> 00:10:26,569

well I could pull into it by having

243

00:10:32,650 --> 00:10:29,509

myself fixed which was my next layer of

244

00:10:35,889 --> 00:10:32,660

annoyance I had had a chronically bad

245

00:10:37,360 --> 00:10:35,899

back for a bunch of years and and I had

246

00:10:39,480 --> 00:10:37,370

previously been a competitive swimmer

247

00:10:43,210 --> 00:10:39,490

and had to give up competitive swimming

248

00:10:46,299 --> 00:10:43,220

because of the bad back and as this guy

249

00:10:47,920 --> 00:10:46,309

Bennett is is he and I are going through

250

00:10:50,379 --> 00:10:47,930

and we're doing these readings and such

251

00:10:52,780 --> 00:10:50,389

and and gathering all these silly

252

00:10:55,150 --> 00:10:52,790

anecdotes something [h__h] occurred to me

253

00:10:57,519 --> 00:10:55,160

you know you big dope you're in pain all

254

00:10:59,259 --> 00:10:57,529

the time ask the guy to try to help so I

255

00:11:00,850 --> 00:10:59,269

thought well maybe if I give him

256

00:11:04,269 --> 00:11:00,860

something he'll do a reading on me and

257

00:11:05,889 --> 00:11:04,279

maybe he can have my back he picked up

258

00:11:09,629 --> 00:11:05,899

the pain just as I thought of that I

259

00:11:11,889 --> 00:11:09,639

didn't actually give him an object and I

260

00:11:13,660 --> 00:11:11,899

said put your hands on my back and he

261

00:11:15,639 --> 00:11:13,670

said then and do what I said I don't

262

00:11:18,100 --> 00:11:15,649

know fix it and and so he put his hands

263

00:11:21,069 --> 00:11:18,110

on my back and quite astonishingly he

264

00:11:24,040 --> 00:11:21,079

did fix it I was the first person he

265

00:11:27,759 --> 00:11:24,050

ever deliberately healed with hands on

266

00:11:29,410 --> 00:11:27,769

and so we went from this and so what do

267

00:11:32,559 --> 00:11:29,420

we do with this and we started to watch

268

00:11:35,049 --> 00:11:32,569

people put hands on other people and see

269

00:11:37,749 --> 00:11:35,059

what happens and sometimes pain was

270

00:11:40,960 --> 00:11:37,759

alleviated sometimes fast sometimes not

271

00:11:42,160 --> 00:11:40,970

so fast and in in watching this on a

272

00:11:44,980 --> 00:11:42,170

couple hundred people

273

00:11:48,790 --> 00:11:44,990

it started to patterns started to emerge

274

00:11:51,519 --> 00:11:48,800

that for example malignant growths

275

00:11:54,579 --> 00:11:51,529

responded very very quickly benign

276

00:11:56,650 --> 00:11:54,589

growths didn't so if he put his hands

277

00:11:59,230 --> 00:11:56,660

for example on a wart nothing will

278

00:12:02,439 --> 00:11:59,240

happen nothing at all if he put his

279

00:12:04,780 --> 00:12:02,449

hands on it on a lump that turned out

280

00:12:06,579 --> 00:12:04,790

through medical diagnosis to be

281

00:12:09,189 --> 00:12:06,589

malignant the thing would respond very

282

00:12:11,919 --> 00:12:09,199

very quickly and dramatically and so it

283

00:12:14,049 --> 00:12:11,929

turned out that some things he could do

284

00:12:15,460 --> 00:12:14,059

and some things he couldn't do and among

285

00:12:17,949 --> 00:12:15,470

the things he was particularly good at

286

00:12:19,929 --> 00:12:17,959

were malignant tumors and Bill let me

287

00:12:21,850 --> 00:12:19,939

interject here because from a little bit

288

00:12:26,199 --> 00:12:21,860

I know of your work you're very careful

289

00:12:29,169 --> 00:12:26,209

about drawing too many conclusions from

290

00:12:31,269 --> 00:12:29,179

what that means or what's behind that

291

00:12:33,400 --> 00:12:31,279

you're more or less just seeing the

292

00:12:34,900 --> 00:12:33,410

patterns that exist and the personal

293

00:12:36,999 --> 00:12:34,910

experience made for example your healing

294

00:12:37,670 --> 00:12:37,009

I mean you go on and you're a pretty

295

00:12:39,980 --> 00:12:37,680

darn

296

00:12:41,450 --> 00:12:39,990

sedative tennis player and I hear ping

297

00:12:43,280 --> 00:12:41,460

pong player and all the rest so I mean

298

00:12:45,710 --> 00:12:43,290

your back is obviously healed you got

299

00:12:48,590 --> 00:12:45,720

the proof there but to tell us a little

300

00:12:51,170 --> 00:12:48,600

bit about you the experiments that

301
00:12:52,490 --> 00:12:51,180
you've run clinically and people need to

302
00:12:54,980 --> 00:12:52,500
know these are experiments you've run

303
00:12:57,199 --> 00:12:54,990
clinically in university labs I mean

304
00:12:58,910 --> 00:12:57,209
this isn't just a guy in as a kitchen

305
00:12:59,240 --> 00:12:58,920
you know I think people come in and do

306
00:13:00,829 --> 00:12:59,250
stuff

307
00:13:03,139 --> 00:13:00,839
I mean you've run some really pretty

308
00:13:04,130 --> 00:13:03,149
rigorous experiments tell us about some

309
00:13:06,170 --> 00:13:04,140
of those I think people will just be

310
00:13:09,350 --> 00:13:06,180
amazed and and what you found in some of

311
00:13:10,940 --> 00:13:09,360
those and I guess obviously what what

312
00:13:12,680 --> 00:13:10,950
you were getting to you know what drove

313
00:13:16,780 --> 00:13:12,690

you to design the experiment the way

314

00:13:21,170 --> 00:13:16,790

that you did well starting from these

315

00:13:23,630 --> 00:13:21,180

clinical observations and they were kind

316

00:13:26,810 --> 00:13:23,640

of case-by-case relatively haphazard

317

00:13:28,820 --> 00:13:26,820

observations at for example malignant

318

00:13:30,560 --> 00:13:28,830

growths respond quickly and benign

319

00:13:32,470 --> 00:13:30,570

growths don't respond so quickly or

320

00:13:35,360 --> 00:13:32,480

sometimes not at all

321

00:13:36,650 --> 00:13:35,370

I thought to myself how do we how we're

322

00:13:40,750 --> 00:13:36,660

going to get a handle on this how are we

323

00:13:43,579 --> 00:13:40,760

going to go from spontaneous clinical

324

00:13:45,470 --> 00:13:43,589

haphazard kind of experience to very

325

00:13:47,449 --> 00:13:45,480

controlled condition something along the

326

00:13:50,120 --> 00:13:47,459

lines of when I study I designed the

327

00:13:50,900 --> 00:13:50,130

double-blind study of of doing readings

328

00:13:52,970 --> 00:13:50,910

in a hospital

329

00:13:54,500 --> 00:13:52,980

what's the difference between hanging

330

00:13:56,150 --> 00:13:54,510

out in the living room and doing

331

00:13:59,510 --> 00:13:56,160

something under control conditions and

332

00:14:02,300 --> 00:13:59,520

sometimes there there have been in the

333

00:14:05,540 --> 00:14:02,310

past some problems trying to make this

334

00:14:08,060 --> 00:14:05,550

transition so the freedom that people

335

00:14:09,440 --> 00:14:08,070

have in the normal world when they bring

336

00:14:11,930 --> 00:14:09,450

it into the lab sometimes it gets

337

00:14:14,449 --> 00:14:11,940

stymied and I wanted to find out if that

338

00:14:18,010 --> 00:14:14,459

would be the case so I wanted an

339

00:14:22,310 --> 00:14:18,020

absolute airtight no question about it

340

00:14:25,069 --> 00:14:22,320

test that if it worked you didn't have a

341

00:14:26,900 --> 00:14:25,079

viable counter hypothesis so we're not

342

00:14:29,650 --> 00:14:26,910

talking about as something that was

343

00:14:32,150 --> 00:14:29,660

interesting but rather a slam dunk and

344

00:14:36,139 --> 00:14:32,160

since this guy seemed to be particularly

345

00:14:37,610 --> 00:14:36,149

good on malignant growths I thought well

346

00:14:39,110 --> 00:14:37,620

let's see if we can get a study with

347

00:14:41,720 --> 00:14:39,120

malignant growths under controlled

348

00:14:44,750 --> 00:14:41,730

laboratory conditions and so a friend of

349

00:14:49,250 --> 00:14:44,760

mine Dave Presley was associated with

350

00:14:51,079 --> 00:14:49,260

City University of New York in an

351

00:14:52,970 --> 00:14:51,089

academic professorship

352

00:14:55,489 --> 00:14:52,980

and he called it a bunch of favors there

353

00:14:57,410 --> 00:14:55,499

and he called it a bunch of favors with

354

00:14:59,960 --> 00:14:57,420

the biology department and said where

355

00:15:02,869 --> 00:14:59,970

can we get really an air-tight no

356

00:15:04,910 --> 00:15:02,879

question about it really tight

357

00:15:07,009 --> 00:15:04,920

experimental model and they were working

358

00:15:09,829 --> 00:15:07,019

for 20 years on a particular mammary

359

00:15:12,670 --> 00:15:09,839

cancer in laboratory mice and the

360

00:15:14,720 --> 00:15:12,680

laboratory cancer is in the in the mice

361

00:15:16,429 --> 00:15:14,730

they know exactly what's going to happen

362

00:15:18,949 --> 00:15:16,439

there were literally thousands of

363

00:15:20,660 --> 00:15:18,959

published studies on these mice and they

364

00:15:23,389 --> 00:15:20,670

get injected with a particular form of

365

00:15:25,460 --> 00:15:23,399

cancer there particularly bred they're

366

00:15:26,840 --> 00:15:25,470

actually pretty inbred and after they're

367

00:15:28,069 --> 00:15:26,850

injected you know exactly what's going

368

00:15:29,869 --> 00:15:28,079

to happen the tumor is going to grow

369

00:15:31,309 --> 00:15:29,879

it's going to be non-metastatic it's

370

00:15:33,410 --> 00:15:31,319

going to kill the mouse in a certain

371

00:15:36,860 --> 00:15:33,420

number of days and at the time we

372

00:15:40,220 --> 00:15:36,870

started this the record living Mouse was

373

00:15:41,840 --> 00:15:40,230

27 days no mouse and literally thousands

374

00:15:43,910 --> 00:15:41,850

of experiments had lived longer than

375

00:15:46,429 --> 00:15:43,920

twenty seven days after injection with

376

00:15:48,230 --> 00:15:46,439

this particular mammary cancer and you

377

00:15:49,790 --> 00:15:48,240

know exactly how many mice would die on

378

00:15:51,999 --> 00:15:49,800

what particular day after injection

379

00:15:55,489 --> 00:15:52,009

because it's again very well documented

380

00:15:58,519 --> 00:15:55,499

found in labs all over the world so we

381

00:16:01,730 --> 00:15:58,529

said this is perfect the mice presumably

382

00:16:04,879 --> 00:16:01,740

don't believe much maybe this has

383

00:16:07,639 --> 00:16:04,889

nothing to his belief we didn't believe

384

00:16:08,660 --> 00:16:07,649

much we were just observing maybe it's

385

00:16:10,910 --> 00:16:08,670

doesn't make any difference for the

386

00:16:12,199 --> 00:16:10,920

healer or the Healey bleeps let's find

387

00:16:15,799 --> 00:16:12,209

out if there's a real underlying

388

00:16:18,319 --> 00:16:15,809

biological mechanism going on so it

389

00:16:20,629 --> 00:16:18,329

turned out that this original guy Ben

390

00:16:22,340 --> 00:16:20,639

was not particularly interested in doing

391

00:16:25,340 --> 00:16:22,350

experiments I had dragged him from labs

392

00:16:27,410 --> 00:16:25,350

to labs and I think I'd pushed too many

393

00:16:29,989 --> 00:16:27,420

buttons and he kind of backed out and

394

00:16:32,480 --> 00:16:29,999

then I was left with we have

395

00:16:37,100 --> 00:16:32,490

experimental mice and we have no healer

396

00:16:40,340 --> 00:16:37,110

that was a dilemma it was actually

397

00:16:41,869 --> 00:16:40,350

bordering on panic and since I had spent

398

00:16:44,150 --> 00:16:41,879

the most time with this guy

399

00:16:45,710 --> 00:16:44,160

Krenzel II suggested will you do it and

400

00:16:47,059 --> 00:16:45,720

I thought me I'm not a healer you know

401
00:16:48,980 --> 00:16:47,069
you introduced me as somebody who has

402
00:16:50,090 --> 00:16:48,990
healing ability I've actually never

403
00:16:52,249 --> 00:16:50,100
thought of myself as someone with

404
00:16:54,590 --> 00:16:52,259
healing ability it's just this stuff

405
00:16:56,360 --> 00:16:54,600
happens when you do this stuff it's not

406
00:16:58,220 --> 00:16:56,370
I don't I don't think it's not my

407
00:16:59,660 --> 00:16:58,230
identity in any way shape or form so

408
00:17:01,639 --> 00:16:59,670
I'll just kind of hang around and you

409
00:17:03,919 --> 00:17:01,649
can produce healing if you need to so I

410
00:17:04,850 --> 00:17:03,929
put my hands around the cages of the

411
00:17:07,549 --> 00:17:04,860
mice for

412
00:17:10,669 --> 00:17:07,559
about an hour a day and I expected at

413
00:17:12,799 --> 00:17:10,679

the time that healing if it were to work

414

00:17:15,819 --> 00:17:12,809

would be something analogous to

415

00:17:19,610 --> 00:17:15,829

radiation so if you take mice and you

416

00:17:22,370 --> 00:17:19,620

radiate them you can kill the radiated

417

00:17:24,740 --> 00:17:22,380

cells and I thought well if we get these

418

00:17:27,650 --> 00:17:24,750

mice close enough to their injection

419

00:17:30,190 --> 00:17:27,660

time and we zap them as it were with

420

00:17:32,419 --> 00:17:30,200

healing then then maybe something like

421

00:17:33,830 --> 00:17:32,429

radiation occurs and we're killing the

422

00:17:35,840 --> 00:17:33,840

cancer or you know something along those

423

00:17:38,360 --> 00:17:35,850

lines but instead the cancer started to

424

00:17:40,700 --> 00:17:38,370

grow and I thought it was failing and so

425

00:17:42,049 --> 00:17:40,710

the tumors grew and I said well didn't

426
00:17:45,409 --> 00:17:42,059
work you know we gave a shot didn't work

427
00:17:47,299 --> 00:17:45,419
and so it goes and and I said let's call

428
00:17:49,730 --> 00:17:47,309
it off why I put the mice through this

429
00:17:50,240 --> 00:17:49,740
and I got talked into well go a little

430
00:17:54,289 --> 00:17:50,250
longer

431
00:17:56,690 --> 00:17:54,299
growing and I kept thinking well this

432
00:17:59,630 --> 00:17:56,700
doesn't work and I kept reading anyway

433
00:18:01,480 --> 00:17:59,640
tumors got bigger and bigger thought it

434
00:18:03,799 --> 00:18:01,490
wasn't working that may develop this

435
00:18:05,510 --> 00:18:03,809
ulceration on the tumor and I really

436
00:18:08,299 --> 00:18:05,520
thought it wasn't working and the

437
00:18:11,350 --> 00:18:08,309
ulceration grew and the tumor imploded

438
00:18:13,610 --> 00:18:11,360

and the mice were completely cured

439

00:18:16,370 --> 00:18:13,620

unprecedented medically in this

440

00:18:18,350 --> 00:18:16,380

particular biological experiment with

441

00:18:21,409 --> 00:18:18,360

these particular mice right now never

442

00:18:23,600 --> 00:18:21,419

happened before for any reason so the

443

00:18:26,150 --> 00:18:23,610

world's longest living Mouse up to me

444

00:18:28,940 --> 00:18:26,160

was 27 days and it went through this

445

00:18:32,180 --> 00:18:28,950

process of growth than ulceration and

446

00:18:34,340 --> 00:18:32,190

implosion and the mice were cured i used

447

00:18:36,409 --> 00:18:34,350

to say they remitted but i buy all this

448

00:18:38,960 --> 00:18:36,419

time that's the wrong word because

449

00:18:42,200 --> 00:18:38,970

remitted means a reduction in symptoms

450

00:18:45,140 --> 00:18:42,210

or a temporary disappearance these mice

451
00:18:46,789 --> 00:18:45,150
are cured for life so we watch them and

452
00:18:48,500 --> 00:18:46,799
we relieve them for two years and they

453
00:18:50,659 --> 00:18:48,510
live out their normal lifespan hanging

454
00:18:53,030 --> 00:18:50,669
out being completely happy and it goes

455
00:18:54,590 --> 00:18:53,040
even further than that we've rejected

456
00:18:55,600 --> 00:18:54,600
them with the cancer the cancer won't

457
00:18:58,549 --> 00:18:55,610
take anymore

458
00:19:00,590 --> 00:18:58,559
so mice that are cured are cured for

459
00:19:03,799 --> 00:19:00,600
life you know one of the things when you

460
00:19:06,409 --> 00:19:03,809
hear that story in the unbelievability

461
00:19:08,750 --> 00:19:06,419
of it it takes you in so many different

462
00:19:11,150 --> 00:19:08,760
ways I mean what let's finish the story

463
00:19:13,880 --> 00:19:11,160

right though I mean so the world changes

464

00:19:16,220 --> 00:19:13,890

you receive the Nobel Prize for medicine

465

00:19:18,680 --> 00:19:16,230

cancer treatments around the world are

466

00:19:22,790 --> 00:19:18,690

revolutionized and this is the most

467

00:19:26,150 --> 00:19:22,800

highly researched area of Medicine right

468

00:19:28,400 --> 00:19:26,160

now right I got all that right except

469

00:19:30,620 --> 00:19:28,410

for the entire scenario yeah this is not

470

00:19:33,200 --> 00:19:30,630

that can it take off as you as you

471

00:19:33,680 --> 00:19:33,210

suggest it that that would be my guess

472

00:19:35,450 --> 00:19:33,690

yeah

473

00:19:37,250 --> 00:19:35,460

so this is this isn't something that you

474

00:19:38,990 --> 00:19:37,260

know therefore we we've cured a bunch of

475

00:19:41,240 --> 00:19:39,000

mice therefore the cancer industry

476

00:19:43,370 --> 00:19:41,250

falters tenth we got to find out what's

477

00:19:46,670 --> 00:19:43,380

going on and that's where it gets even

478

00:19:49,340 --> 00:19:46,680

more challenging what do you think is

479

00:19:51,470 --> 00:19:49,350

going on well I've replicated this

480

00:19:55,640 --> 00:19:51,480

experiment now about a dozen times

481

00:19:58,250 --> 00:19:55,650

and I use sometimes not always but I use

482

00:20:01,600 --> 00:19:58,260

sometimes other people who have no

483

00:20:03,740 --> 00:20:01,610

experience in healing and who are all

484

00:20:05,630 --> 00:20:03,750

skeptics in the real sense of the word

485

00:20:07,550 --> 00:20:05,640

tell us a little bit about your process

486

00:20:09,950 --> 00:20:07,560

in terms of screening these folks I

487

00:20:13,010 --> 00:20:09,960

think it's really funny but but also

488

00:20:14,930 --> 00:20:13,020

interesting what I was able to cure a

489

00:20:17,750 --> 00:20:14,940

bunch of mice I thought to myself well

490

00:20:19,940 --> 00:20:17,760

obviously this is pretty curious and the

491

00:20:23,510 --> 00:20:19,950

first thing we need to do is see if

492

00:20:25,510 --> 00:20:23,520

this replicates we did do some flaw in

493

00:20:28,070 --> 00:20:25,520

the procedure was it a fluke what and

494

00:20:30,890 --> 00:20:28,080

and there was in my mind also a

495

00:20:33,080 --> 00:20:30,900

lingering fear what if what if I can do

496

00:20:34,640 --> 00:20:33,090

it and other people can't I mean that

497

00:20:39,410 --> 00:20:34,650

would be curious but it wouldn't be very

498

00:20:41,600 --> 00:20:39,420

useful so what I did is I decided to get

499

00:20:43,400 --> 00:20:41,610

some people who had no experience in

500

00:20:45,560 --> 00:20:43,410

this train them in the healing

501
00:20:47,450 --> 00:20:45,570
techniques that uh that Ben and I had

502
00:20:51,200 --> 00:20:47,460
worked out and see what happens when

503
00:20:55,220 --> 00:20:51,210
they do it and I went to a number of

504
00:20:57,620 --> 00:20:55,230
students um and said I'd like to do a

505
00:20:59,960 --> 00:20:57,630
healing experiment if they responded to

506
00:21:01,700 --> 00:20:59,970
me gee that's that's wonderful I like

507
00:21:04,160 --> 00:21:01,710
the stuff or I know about this stuff and

508
00:21:07,610 --> 00:21:04,170
all that I said well thank you for your

509
00:21:10,370 --> 00:21:07,620
interest and I left I didn't want them I

510
00:21:12,800 --> 00:21:10,380
didn't want someone who knew I didn't

511
00:21:15,680 --> 00:21:12,810
want someone who was already into he I

512
00:21:17,690 --> 00:21:15,690
wanted a really a blank slate and I

513
00:21:20,600 --> 00:21:17,700

wanted someone who my actual criteria

514

00:21:22,850 --> 00:21:20,610

was they either had to laugh in my face

515

00:21:25,300 --> 00:21:22,860

when I asked him what I when I told him

516

00:21:29,570 --> 00:21:25,310

what I want him to do or they had to

517

00:21:30,860 --> 00:21:29,580

express extreme skepticism something

518

00:21:32,930 --> 00:21:30,870

along lines that no really what do you

519

00:21:35,299 --> 00:21:32,940

want me to do and I'd say I'm gonna

520

00:21:37,489 --> 00:21:35,309

teaching for about six weeks on how to

521

00:21:38,989 --> 00:21:37,499

do some healing techniques and then

522

00:21:39,739 --> 00:21:38,999

you're going to get cancerous mice and

523

00:21:41,629 --> 00:21:39,749

you're going to put your hands around

524

00:21:43,039 --> 00:21:41,639

the cage for an hour a day and we're

525

00:21:45,379 --> 00:21:43,049

going to see what happens and they'd go

526
00:21:46,729 --> 00:21:45,389
no really what do you want me to do one

527
00:21:49,789 --> 00:21:46,739
of the things that's so great about this

528
00:21:51,830 --> 00:21:49,799
is that you're coming at it from such a

529
00:21:53,779 --> 00:21:51,840
different perspective than we normally

530
00:21:56,690 --> 00:21:53,789
hear again kind of contrasting it with

531
00:22:00,320 --> 00:21:56,700
so much of the new-age --is-- kind of

532
00:22:01,879 --> 00:22:00,330
ideas about healing and that's that you

533
00:22:03,349 --> 00:22:01,889
know you're not even what you said a

534
00:22:05,359 --> 00:22:03,359
minute ago bill you know you're not even

535
00:22:07,129 --> 00:22:05,369
invested in the term healer you know you

536
00:22:08,629 --> 00:22:07,139
feel a little uncomfortable like I I'm

537
00:22:10,009 --> 00:22:08,639
not a healer you know this thing just

538
00:22:11,629 --> 00:22:10,019

kind of happened I send this experiment

539

00:22:14,629 --> 00:22:11,639

had to do it you took the same approach

540

00:22:16,430 --> 00:22:14,639

in turning this into some kind of

541

00:22:18,560 --> 00:22:16,440

methodology a technique that you could

542

00:22:20,869 --> 00:22:18,570

train other people with just again

543

00:22:22,909 --> 00:22:20,879

following the data and in the process of

544

00:22:25,969 --> 00:22:22,919

doing that I think you really give us a

545

00:22:28,879 --> 00:22:25,979

whole fresh look on assumptions that

546

00:22:31,669 --> 00:22:28,889

we've had about alternative medicine and

547

00:22:34,190 --> 00:22:31,679

healing in particular any thoughts on on

548

00:22:37,460 --> 00:22:34,200

some of that on some of the the new age'

549

00:22:40,669 --> 00:22:37,470

SH beliefs that you're kind of stomping

550

00:22:42,229 --> 00:22:40,679

on here well to be honest I don't know

551

00:22:45,859 --> 00:22:42,239

that much about healing

552

00:22:48,529 --> 00:22:45,869

I don't know comparative healing systems

553

00:22:50,060 --> 00:22:48,539

and I've never studied healing and you

554

00:22:52,489 --> 00:22:50,070

know bill because it's out there the

555

00:22:54,529 --> 00:22:52,499

idea of a positive mental attitude the

556

00:22:56,899 --> 00:22:54,539

idea of visualizing those little white

557

00:22:58,999 --> 00:22:56,909

cells and red cells and having this

558

00:23:01,909 --> 00:22:59,009

little war you know all these ideas

559

00:23:03,680 --> 00:23:01,919

about about belief and even if we want

560

00:23:05,629 --> 00:23:03,690

to pull it over into the spiritual realm

561

00:23:07,999 --> 00:23:05,639

hey at your local hospital there there's

562

00:23:10,369 --> 00:23:08,009

the prayer circle group right down the

563

00:23:12,859 --> 00:23:10,379

hall that's you know trying to marshal

564

00:23:14,930 --> 00:23:12,869

all this spiritual energy behind it so

565

00:23:17,960 --> 00:23:14,940

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

566

00:23:19,399 --> 00:23:17,970

these other ideas that your research

567

00:23:22,999 --> 00:23:19,409

really kind of flies in the face of a

568

00:23:25,509 --> 00:23:23,009

lot of that yeah it may come really just

569

00:23:28,009 --> 00:23:25,519

from my personal orientation and and

570

00:23:30,560 --> 00:23:28,019

generically belief scares me

571

00:23:34,070 --> 00:23:30,570

belief scares me and believers scare me

572

00:23:36,200 --> 00:23:34,080

and by that I mean that sounds extreme

573

00:23:39,710 --> 00:23:36,210

but it actually is the case that that

574

00:23:42,019 --> 00:23:39,720

believers scare me because they they

575

00:23:44,960 --> 00:23:42,029

believe and and they have the delusion

576

00:23:46,520 --> 00:23:44,970

that they had the truth and I don't care

577

00:23:49,490 --> 00:23:46,530

what it is that they think they

578

00:23:51,590 --> 00:23:49,500

or think they had the truth about I they

579

00:23:54,680 --> 00:23:51,600

just scare me because I don't know

580

00:23:58,279 --> 00:23:54,690

anybody who has any truth and so you

581

00:24:03,049 --> 00:23:58,289

have been believers a tendency to act in

582

00:24:05,600 --> 00:24:03,059

defense of those beliefs and so I for

583

00:24:08,840 --> 00:24:05,610

example had spoken to skeptical

584

00:24:10,430 --> 00:24:08,850

organizations so I've been invited by

585

00:24:13,580 --> 00:24:10,440

you know the such-and-such skeptic

586

00:24:15,740 --> 00:24:13,590

Society and and I usually begin to talk

587

00:24:17,680 --> 00:24:15,750

to a skeptic society by saying I'm

588

00:24:21,350 --> 00:24:17,690

probably the only skeptic in the room

589

00:24:22,970 --> 00:24:21,360

that gets Amal Haram fee and they fold

590

00:24:25,250 --> 00:24:22,980

their arms and legs and contort their

591

00:24:26,840 --> 00:24:25,260

faces and things as nowhere the skeptic

592

00:24:29,360 --> 00:24:26,850

Society say you're not really skeptics

593

00:24:31,700 --> 00:24:29,370

you're believers you already believe

594

00:24:32,320 --> 00:24:31,710

that the things I haven't yet said are

595

00:24:36,289 --> 00:24:32,330

wrong

596

00:24:38,180 --> 00:24:36,299

how do those talks go well they her up

597

00:24:40,549 --> 00:24:38,190

hunger her onsen and Rompin and again

598

00:24:42,470 --> 00:24:40,559

they go into pretzel mode and contort

599

00:24:43,669 --> 00:24:42,480

themselves and and it's a very

600

00:24:46,640 --> 00:24:43,679

interesting this is an interesting

601
00:24:49,010 --> 00:24:46,650
social psychological phenomenon because

602
00:24:51,740 --> 00:24:49,020
I simply present my data and and so you

603
00:24:53,330 --> 00:24:51,750
know I have mice I have many experiments

604
00:24:55,730 --> 00:24:53,340
I have many experiments and all sorts of

605
00:24:57,409 --> 00:24:55,740
things many dozens and dozens of

606
00:24:59,149 --> 00:24:57,419
experiments and a variety of things in

607
00:25:01,370 --> 00:24:59,159
healing and and the experiments and

608
00:25:03,500 --> 00:25:01,380
experiments so the issue is have I done

609
00:25:05,210 --> 00:25:03,510
something wrong in which case I'm

610
00:25:06,919 --> 00:25:05,220
absolutely interested in what I did

611
00:25:08,270 --> 00:25:06,929
wrong if I haven't done anything wrong

612
00:25:10,669 --> 00:25:08,280
and these are the results and it's a

613
00:25:12,620 --> 00:25:10,679

reliable phenomenon what's your beef and

614

00:25:14,180 --> 00:25:12,630

so they're they're contouring and they

615

00:25:14,510 --> 00:25:14,190

can't they can't find a flaw in what I

616

00:25:17,029 --> 00:25:14,520

did

617

00:25:18,830 --> 00:25:17,039

and sometimes their oncologists in the

618

00:25:20,720 --> 00:25:18,840

audience and sometimes there's there's

619

00:25:22,370 --> 00:25:20,730

positions of various stripe and

620

00:25:24,860 --> 00:25:22,380

sometimes there's biologists and

621

00:25:26,330 --> 00:25:24,870

sometimes and nobody can find a flaw and

622

00:25:28,310 --> 00:25:26,340

I'm saying hey if you can find a flaw

623

00:25:29,779 --> 00:25:28,320

you know I would say thank you you know

624

00:25:31,940 --> 00:25:29,789

if I screwed up I didn't know I screwed

625

00:25:34,850 --> 00:25:31,950

up but if I did show me how and I'll

626

00:25:36,350 --> 00:25:34,860

make it better and so I present the

627

00:25:38,419 --> 00:25:36,360

stuff and they can't find a hole in the

628

00:25:40,820 --> 00:25:38,429

stuff that I do and then the interesting

629

00:25:43,130 --> 00:25:40,830

social psychological phenomenon is since

630

00:25:45,919 --> 00:25:43,140

this is a skeptic society it's really

631

00:25:48,049 --> 00:25:45,929

not it's a for society but it since it's

632

00:25:49,669 --> 00:25:48,059

a skeptic society they have a certain

633

00:25:53,600 --> 00:25:49,679

amount of social pressure they're not

634

00:25:54,980 --> 00:25:53,610

allowed to go Wow right they're not

635

00:25:56,720 --> 00:25:54,990

allowed to convert because they have to

636

00:25:59,160 --> 00:25:56,730

defend their beliefs because they're not

637

00:26:01,230 --> 00:25:59,170

skeptical they're believers and

638

00:26:03,270 --> 00:26:01,240

what happens at the end is I'm cleaning

639

00:26:05,550 --> 00:26:03,280

up or doing this or that and the whole

640

00:26:08,220 --> 00:26:05,560

will start to thin out and such and and

641

00:26:10,950 --> 00:26:08,230

one by one they look around and to see

642

00:26:13,890 --> 00:26:10,960

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

643

00:26:16,910 --> 00:26:13,900

they go that was great and then they run

644

00:26:19,590 --> 00:26:16,920

off because they can't be seaton

645

00:26:22,170 --> 00:26:19,600

speaking to the crazy guy well you'd

646

00:26:25,170 --> 00:26:22,180

probably have the same reaction if you

647

00:26:27,360 --> 00:26:25,180

went down to the local church group as

648

00:26:29,340 --> 00:26:27,370

well you'd have this thing the same

649

00:26:31,440 --> 00:26:29,350

thing people looking around and wanting

650

00:26:34,010 --> 00:26:31,450

to know if it's okay to even entertain

651
00:26:37,050 --> 00:26:34,020
these thoughts and then most of them

652
00:26:39,390 --> 00:26:37,060
deciding that it's not and a few brave

653
00:26:42,600 --> 00:26:39,400
souls walking up and set in telling you

654
00:26:45,600 --> 00:26:42,610
their their story of how how it relates

655
00:26:48,180 --> 00:26:45,610
to them yeah but there are there are

656
00:26:50,520 --> 00:26:48,190
many more in my my experience or many

657
00:26:52,830 --> 00:26:50,530
more believers and skeptics and they

658
00:26:54,810 --> 00:26:52,840
just believe different things so the New

659
00:26:57,320 --> 00:26:54,820
Age folks are believers that's what I've

660
00:26:59,370 --> 00:26:57,330
run into again I'm not I don't mean to

661
00:27:01,170 --> 00:26:59,380
generalize to everybody but my

662
00:27:03,690 --> 00:27:01,180
experience is there's a lot of believers

663
00:27:05,850 --> 00:27:03,700

among New Age folks and there's a lot of

664

00:27:07,950 --> 00:27:05,860

believers among allegedly skeptical

665

00:27:10,680 --> 00:27:07,960

societies and they simply believe

666

00:27:13,230 --> 00:27:10,690

different things and my question becomes

667

00:27:17,040 --> 00:27:13,240

well if you're simply defending your

668

00:27:19,680 --> 00:27:17,050

belief what's the point for openers but

669

00:27:21,570 --> 00:27:19,690

secondly I think an interesting question

670

00:27:23,550 --> 00:27:21,580

would be what would it take for anyone

671

00:27:25,740 --> 00:27:23,560

on any side of any fence to convert

672

00:27:28,080 --> 00:27:25,750

right you want to talk about coal

673

00:27:30,300 --> 00:27:28,090

psychology and sociology I mean you've

674

00:27:33,450 --> 00:27:30,310

just jumped right into this soup there

675

00:27:34,470 --> 00:27:33,460

yeah so if you are a non-believer in

676

00:27:35,880 --> 00:27:34,480

this stuff what would it take to

677

00:27:37,590 --> 00:27:35,890

convince you otherwise if you're a

678

00:27:40,170 --> 00:27:37,600

believer won't it take you to to flip

679

00:27:41,790 --> 00:27:40,180

again to non-belief you know and this

680

00:27:43,350 --> 00:27:41,800

could be it doesn't have to be for

681

00:27:45,480 --> 00:27:43,360

healing this could be for absolutely

682

00:27:46,980 --> 00:27:45,490

anything so I mean right now it's

683

00:27:49,470 --> 00:27:46,990

politically correct to believe in global

684

00:27:53,310 --> 00:27:49,480

warming hey more to the point in terms

685

00:27:56,310 --> 00:27:53,320

of SSC it's it's politically correct in

686

00:27:59,010 --> 00:27:56,320

the United States to believe in biotic

687

00:28:00,210 --> 00:27:59,020

oil and peak oil yeah and I mean this is

688

00:28:02,940 --> 00:28:00,220

one of the first articles I remember

689

00:28:05,430 --> 00:28:02,950

reading in the SSC the Society for

690

00:28:07,440 --> 00:28:05,440

scientific exploration journal it was

691

00:28:09,660 --> 00:28:07,450

years ago and it opened my eyes to you

692

00:28:12,420 --> 00:28:09,670

know there's over 200 peer-reviewed

693

00:28:14,640 --> 00:28:12,430

scientific we published articles

694

00:28:17,550 --> 00:28:14,650

in the Russia in Russia in the former

695

00:28:19,950 --> 00:28:17,560

Soviet Union on a biotic oil the idea

696

00:28:21,570 --> 00:28:19,960

that oil is created naturally and they

697

00:28:23,220 --> 00:28:21,580

go with that assumption they drill down

698

00:28:25,080 --> 00:28:23,230

a lot further than there could ever be

699

00:28:26,460 --> 00:28:25,090

any dinosaurs and they they're producing

700

00:28:29,070 --> 00:28:26,470

more oil than anyone else in the world

701
00:28:30,420 --> 00:28:29,080
yeah it's interesting can I be open you

702
00:28:32,850 --> 00:28:30,430
know we're probably wrong about almost

703
00:28:35,130 --> 00:28:32,860
everything we believe but the real point

704
00:28:38,340 --> 00:28:35,140
of all that is just you know these ideas

705
00:28:40,950 --> 00:28:38,350
that run counter to these cherished

706
00:28:44,490 --> 00:28:40,960
beliefs that we either have personally

707
00:28:46,920 --> 00:28:44,500
or these societal beliefs that are kind

708
00:28:50,370 --> 00:28:46,930
of ingrained in the machinery of the way

709
00:28:53,130 --> 00:28:50,380
things work are very very hard to

710
00:28:54,390 --> 00:28:53,140
overcome so I mean I guess I have to

711
00:28:58,500 --> 00:28:54,400
push a little bit against that whole

712
00:29:00,540 --> 00:28:58,510
anomalistic psychology crap that I I see

713
00:29:02,880 --> 00:29:00,550

out there is that you know gee why do

714

00:29:03,960 --> 00:29:02,890

people believe weird things and stuff

715

00:29:06,210 --> 00:29:03,970

like that I mean that has gone

716

00:29:08,640 --> 00:29:06,220

absolutely nowhere or it's been

717

00:29:12,150 --> 00:29:08,650

counterproductive to really trying to

718

00:29:15,510 --> 00:29:12,160

understand in a deeper way what's really

719

00:29:18,660 --> 00:29:15,520

going on so right I don't know but why

720

00:29:21,540 --> 00:29:18,670

is this the Society for scientific

721

00:29:23,820 --> 00:29:21,550

exploration an organization that you are

722

00:29:26,460 --> 00:29:23,830

the president of currently and is a very

723

00:29:28,860 --> 00:29:26,470

serious scientific organization I mean

724

00:29:31,020 --> 00:29:28,870

the mere fact that it's necessary and

725

00:29:34,200 --> 00:29:31,030

the mere fact that it covers such a

726

00:29:35,580 --> 00:29:34,210

broad range of topics and that was my

727

00:29:37,830 --> 00:29:35,590

whole reason for getting off on the

728

00:29:40,260 --> 00:29:37,840

biotic oil thing you know I mean it

729

00:29:42,060 --> 00:29:40,270

covers a whole range of topics the fact

730

00:29:44,520 --> 00:29:42,070

that it's even necessary is is a little

731

00:29:46,380 --> 00:29:44,530

bit depressing a little bit frustrating

732

00:29:46,980 --> 00:29:46,390

alright I would I would completely agree

733

00:29:53,430 --> 00:29:46,990

the

734

00:29:56,280 --> 00:29:53,440

look at it Society for scientific

735

00:29:59,640 --> 00:29:56,290

exploration or scientific exploration

736

00:30:02,270 --> 00:29:59,650

org is as you point out a group of

737

00:30:05,190 --> 00:30:02,280

people who are serious about research uh

738

00:30:07,740 --> 00:30:05,200

they're not going to they don't sit

739

00:30:09,830 --> 00:30:07,750

together and just talk about things in

740

00:30:13,280 --> 00:30:09,840

the abstract you got to show me the data

741

00:30:17,100 --> 00:30:13,290

and they come from all sorts of fields

742

00:30:20,160 --> 00:30:17,110

so the the actual society was founded by

743

00:30:22,320 --> 00:30:20,170

a combination of folks like the head of

744

00:30:23,940 --> 00:30:22,330

astrophysics at Stanford the Dean of

745

00:30:26,940 --> 00:30:23,950

engineering and Princeton the head of

746

00:30:28,950 --> 00:30:26,950

astronomy at University of Virginia

747

00:30:32,389 --> 00:30:28,960

and folks like that who came together

748

00:30:35,700 --> 00:30:32,399

and said there's too much scientific

749

00:30:37,289 --> 00:30:35,710

straightjacket activity going on you're

750

00:30:38,730 --> 00:30:37,299

allowed to look at certain things you're

751
00:30:41,009 --> 00:30:38,740
not allowed to look at other things and

752
00:30:44,549 --> 00:30:41,019
it turns out that a whole lot of

753
00:30:48,060 --> 00:30:44,559
scientists have almost like a closet

754
00:30:49,740 --> 00:30:48,070
life so on in the public in the

755
00:30:52,799 --> 00:30:49,750
peer-reviewed journals in their

756
00:30:54,419 --> 00:30:52,809
conventional day job you're only allowed

757
00:30:56,549 --> 00:30:54,429
to talk about certain things and there

758
00:30:59,009 --> 00:30:56,559
is a Canon and you're supposed to buy

759
00:31:00,990 --> 00:30:59,019
into it and you got to toe the party

760
00:31:02,190 --> 00:31:01,000
line and if you want to get grants you

761
00:31:03,330 --> 00:31:02,200
better be getting them for the things

762
00:31:06,419 --> 00:31:03,340
you're allowed to get grants for

763
00:31:08,700 --> 00:31:06,429

etcetera etc and these very very brave

764

00:31:11,279 --> 00:31:08,710

individuals who had already been

765

00:31:14,369 --> 00:31:11,289

extraordinarily successful in their day

766

00:31:16,080 --> 00:31:14,379

job careers recognized that there were

767

00:31:18,269 --> 00:31:16,090

other people like them who also had

768

00:31:21,690 --> 00:31:18,279

interest in things that you weren't

769

00:31:24,139 --> 00:31:21,700

supposed to talk about and so they

770

00:31:27,450 --> 00:31:24,149

talked about healing they talked about

771

00:31:29,549 --> 00:31:27,460

UFOs they talked about all sorts of

772

00:31:33,210 --> 00:31:29,559

stuff and said well let's let's get

773

00:31:34,830 --> 00:31:33,220

together and see if we can database have

774

00:31:39,570 --> 00:31:34,840

a discussion about things which are off

775

00:31:41,279 --> 00:31:39,580

limits and so in order to do this they

776

00:31:44,519 --> 00:31:41,289

created this Society for scientific

777

00:31:48,149 --> 00:31:44,529

exploration which is primarily academics

778

00:31:50,850 --> 00:31:48,159

but but folks who are not academics can

779

00:31:53,100 --> 00:31:50,860

also join as associate members and we

780

00:31:56,220 --> 00:31:53,110

have things like a peer-reviewed journal

781

00:31:58,080 --> 00:31:56,230

a journal scientific exploration we have

782

00:32:00,480 --> 00:31:58,090

annual conferences we just had one in

783

00:32:05,460 --> 00:32:00,490

Boulder in June about to have one in

784

00:32:07,619 --> 00:32:05,470

Ireland in October and we get together

785

00:32:08,879 --> 00:32:07,629

and these are data based presentations

786

00:32:12,450 --> 00:32:08,889

on stuff you're not supposed to talk

787

00:32:16,980 --> 00:32:12,460

about and we have a little you know

788

00:32:18,810 --> 00:32:16,990

inside dictum there that says if you're

789

00:32:21,869 --> 00:32:18,820

an academic and you want to look at this

790

00:32:23,700 --> 00:32:21,879

stuff and you want to take a chance on

791

00:32:26,669 --> 00:32:23,710

some of this stuff and want to actually

792

00:32:30,539 --> 00:32:26,679

do research and gather data first get

793

00:32:33,210 --> 00:32:30,549

tenure you're right okay so I actually

794

00:32:36,480 --> 00:32:33,220

had a couple of years ago I was given a

795

00:32:39,060 --> 00:32:36,490

talk and some newly minted PhD from

796

00:32:39,610 --> 00:32:39,070

Australia came up to me and said well

797

00:32:41,110 --> 00:32:39,620

your stuff

798

00:32:42,400 --> 00:32:41,120

the most amazing thing I've ever seen I

799

00:32:44,620 --> 00:32:42,410

want to work with you I want to study

800

00:32:47,560 --> 00:32:44,630

this I want to and I said get away from

801
00:32:49,060 --> 00:32:47,570
me get tenure so what did me get away

802
00:32:50,799 --> 00:32:49,070
from me I want to devote my life to this

803
00:32:54,220 --> 00:32:50,809
I said get away from me I said I'm not

804
00:32:56,530 --> 00:32:54,230
gonna wreck your career comeback and so

805
00:32:59,200 --> 00:32:56,540
he kept pushing him away pushing away I

806
00:33:00,730 --> 00:32:59,210
said first get tenure and he said you

807
00:33:03,370 --> 00:33:00,740
don't understand how important this is

808
00:33:05,410 --> 00:33:03,380
and I said I really do and that's why

809
00:33:07,270 --> 00:33:05,420
I'm telling you yeah I'm kind of you

810
00:33:09,400 --> 00:33:07,280
know I've been in it for a while and I

811
00:33:11,710 --> 00:33:09,410
said but you got to get away from me

812
00:33:13,690 --> 00:33:11,720
because you you I mean you got your PhD

813
00:33:16,690 --> 00:33:13,700

you know 20 minutes ago and I'm not

814

00:33:18,400 --> 00:33:16,700

going to screw your career so he got

815

00:33:20,980 --> 00:33:18,410

really mad because I wouldn't miss and

816

00:33:24,160 --> 00:33:20,990

that didn't about a year later I got a

817

00:33:26,320 --> 00:33:24,170

an email from him and he said I get it

818

00:33:28,270 --> 00:33:26,330

now thank you and he said I'll see it

819

00:33:31,660 --> 00:33:28,280

I'll see you in a few years that's

820

00:33:34,650 --> 00:33:31,670

that's both sad and and interesting at

821

00:33:36,880 --> 00:33:34,660

the same time so dr. banks and that's

822

00:33:39,880 --> 00:33:36,890

fantastic and I really encourage people

823

00:33:42,250 --> 00:33:39,890

to explore the sse more and as you

824

00:33:45,010 --> 00:33:42,260

mentioned there's in addition to the

825

00:33:47,669 --> 00:33:45,020

quarterly more scholarly publication

826

00:33:50,410 --> 00:33:47,679

there's also an online magazine

827

00:33:52,030 --> 00:33:50,420

formatted kind of publication that they

828

00:33:53,830 --> 00:33:52,040

do that's really accessible and really

829

00:33:56,230 --> 00:33:53,840

great so please check that out but let's

830

00:33:58,120 --> 00:33:56,240

get back that's called edge science and

831

00:34:01,240 --> 00:33:58,130

that comes out quarterly and it's it's

832

00:34:04,600 --> 00:34:01,250

kind of a it is it's a magazine you know

833

00:34:07,060 --> 00:34:04,610

written more in English about some of

834

00:34:09,790 --> 00:34:07,070

these interesting topics great but but I

835

00:34:11,680 --> 00:34:09,800

do want to bring people back to some of

836

00:34:13,060 --> 00:34:11,690

the other experiments you've done

837

00:34:14,740 --> 00:34:13,070

because I think they're just going to be

838

00:34:17,950 --> 00:34:14,750

fascinating and I hope they're gonna

839

00:34:20,379 --> 00:34:17,960

inspire people to really dig into this

840

00:34:21,850 --> 00:34:20,389

and challenge some of their beliefs that

841

00:34:25,290 --> 00:34:21,860

they might have a couple of them I want

842

00:34:27,280 --> 00:34:25,300

you to touch on the MRI envelope

843

00:34:30,100 --> 00:34:27,290

experiment I think you know what I mean

844

00:34:32,169 --> 00:34:30,110

yeah this is interesting

845

00:34:36,159 --> 00:34:32,179

among the the interesting questions to

846

00:34:40,629 --> 00:34:36,169

me in is is what are the conditions

847

00:34:43,510 --> 00:34:40,639

under which healing occurs what makes it

848

00:34:45,669 --> 00:34:43,520

stronger what makes it weaker what

849

00:34:48,730 --> 00:34:45,679

happens to the healer what happens to

850

00:34:50,320 --> 00:34:48,740

the Healey things along those lines and

851

00:34:52,889 --> 00:34:50,330

turns out we don't know a whole lot

852

00:34:55,200 --> 00:34:52,899

about this stuff what are the this day

853

00:34:57,620 --> 00:34:55,210

of consciousness matter do there's a

854

00:35:00,450 --> 00:34:57,630

particular sense of awareness matter

855

00:35:01,740 --> 00:35:00,460

ever could be even be something you you

856

00:35:04,440 --> 00:35:01,750

were talking about earlier this belief

857

00:35:05,579 --> 00:35:04,450

matter you know it turns out that as far

858

00:35:07,950 --> 00:35:05,589

as I can tell belief doesn't matter at

859

00:35:10,920 --> 00:35:07,960

all except maybe I think to slightly

860

00:35:13,289 --> 00:35:10,930

[h__h] healing I'm not sure about that

861

00:35:15,240 --> 00:35:13,299

but but I don't think there's a net gain

862

00:35:18,420 --> 00:35:15,250

I don't know how much there is a loss

863

00:35:20,730 --> 00:35:18,430

for belief I think a neutral stance is

864

00:35:23,519 --> 00:35:20,740

the preferable stance to maximize

865

00:35:26,730 --> 00:35:23,529

healing but what we were interested in

866

00:35:28,319 --> 00:35:26,740

is well what happens I mean first of all

867

00:35:31,319 --> 00:35:28,329

it's a difficult problem to figure out

868

00:35:34,710 --> 00:35:31,329

what's the right question to ask and we

869

00:35:37,349 --> 00:35:34,720

we have a brain bias so we tend to like

870

00:35:39,210 --> 00:35:37,359

to look at brains and think well maybe

871

00:35:41,309 --> 00:35:39,220

there's a car lit in the brain something

872

00:35:43,440 --> 00:35:41,319

along those lines so I've done a number

873

00:35:45,240 --> 00:35:43,450

of experiments along these lines with

874

00:35:47,490 --> 00:35:45,250

and just following along with the brain

875

00:35:50,370 --> 00:35:47,500

bias so I published in the journal

876

00:35:55,980 --> 00:35:50,380

assignment big exploration I think in

877

00:35:59,309 --> 00:35:55,990

2010 a phase-locking of two brains at a

878

00:36:03,150 --> 00:35:59,319

distance and what that really means is

879

00:36:06,829 --> 00:36:03,160

we have synchronized EEG s and we're

880

00:36:09,059 --> 00:36:06,839

sampling in nineteen leads on each head

881

00:36:11,549 --> 00:36:09,069

every five hundredths of a second we

882

00:36:14,099 --> 00:36:11,559

have this enormous database and it turns

883

00:36:16,200 --> 00:36:14,109

out that you can easily easily but you

884

00:36:20,220 --> 00:36:16,210

can you can get two brains at a distance

885

00:36:22,019 --> 00:36:20,230

to go into a synchrony now now let me

886

00:36:23,849 --> 00:36:22,029

just interject here that that if you

887

00:36:25,680 --> 00:36:23,859

weren't quote-unquote I know you don't

888

00:36:28,589 --> 00:36:25,690

like this term if you weren't a healer

889

00:36:31,260 --> 00:36:28,599

we'd call this a telepathy experiment

890

00:36:33,180 --> 00:36:31,270

but your your work really kind of

891

00:36:35,160 --> 00:36:33,190

challenges even our idea of what

892

00:36:37,349 --> 00:36:35,170

telepathy means I mean if we really

893

00:36:40,170 --> 00:36:37,359

understand what that word means so yeah

894

00:36:42,329 --> 00:36:40,180

tell explain to folks again I'm sorry to

895

00:36:45,510 --> 00:36:42,339

interrupt you so finish explaining what

896

00:36:47,849 --> 00:36:45,520

the experiment did so you would have a

897

00:36:50,279 --> 00:36:47,859

person one in one room and person two in

898

00:36:52,440 --> 00:36:50,289

another room and person two in the other

899

00:36:54,029 --> 00:36:52,450

room just be hanging out hooked up to

900

00:36:58,799 --> 00:36:54,039

all the wires and the machines and

901
00:37:01,589 --> 00:36:58,809
person one would really do the

902
00:37:03,930 --> 00:37:01,599
techniques that I do when we do the mice

903
00:37:05,549 --> 00:37:03,940
experiments and then simply casually

904
00:37:06,420 --> 00:37:05,559
think about the other person in the

905
00:37:08,670 --> 00:37:06,430
other room

906
00:37:10,589 --> 00:37:08,680
and it turns out at the moment that you

907
00:37:12,650 --> 00:37:10,599
casually think about the other person in

908
00:37:14,519 --> 00:37:12,660
the other room you get this

909
00:37:17,010 --> 00:37:14,529
synchronization of the two brains at a

910
00:37:17,910 --> 00:37:17,020
distance now that's interesting it may

911
00:37:20,069 --> 00:37:17,920
or may not have anything to do with

912
00:37:22,440 --> 00:37:20,079
heeling bill explain what you mean

913
00:37:25,620 --> 00:37:22,450

specifically in terms of synchronization

914

00:37:27,890 --> 00:37:25,630

how did you measure that we measured it

915

00:37:31,140 --> 00:37:27,900

with an EEG which is taking a

916

00:37:36,529 --> 00:37:31,150

measurement of particular cycles per

917

00:37:39,029 --> 00:37:36,539

second that a brain is resonating and

918

00:37:40,319 --> 00:37:39,039

and what happens is when you start the

919

00:37:43,740 --> 00:37:40,329

healing techniques you get a very

920

00:37:46,289 --> 00:37:43,750

distinct pattern a very distinct

921

00:37:48,329 --> 00:37:46,299

frequency and then you get a second

922

00:37:50,190 --> 00:37:48,339

harmonic to that frequency going on at

923

00:37:52,230 --> 00:37:50,200

the same time and we get a third

924

00:37:53,490 --> 00:37:52,240

harmonic and we haven't measured test

925

00:37:55,680 --> 00:37:53,500

that because we don't have the equipment

926
00:38:00,089 --> 00:37:55,690
so we have at least three harmonics in a

927
00:38:01,920 --> 00:38:00,099
very distinct frequency a triple

928
00:38:03,690 --> 00:38:01,930
harmonic in the brain which is exactly

929
00:38:06,210 --> 00:38:03,700
matched the recipients brain in the

930
00:38:07,799 --> 00:38:06,220
other room and so statistically this is

931
00:38:10,500 --> 00:38:07,809
off the charts right I mean you have you

932
00:38:13,490 --> 00:38:10,510
have a stream of EEG readings of data

933
00:38:16,049 --> 00:38:13,500
and then you apply your visualization

934
00:38:19,019 --> 00:38:16,059
technique and there becomes this

935
00:38:21,029 --> 00:38:19,029
harmonic in your these actually three

936
00:38:23,789 --> 00:38:21,039
harmonics that you measured in your

937
00:38:26,690 --> 00:38:23,799
brain and the Healers brain and then

938
00:38:29,279 --> 00:38:26,700

you're able to transfer that to another

939

00:38:31,740 --> 00:38:29,289

individual the receiver who obviously

940

00:38:33,510 --> 00:38:31,750

has doesn't have this pattern then all

941

00:38:35,069 --> 00:38:33,520

of a sudden has this pattern I mean the

942

00:38:38,130 --> 00:38:35,079

statistics of you were to do that would

943

00:38:39,839 --> 00:38:38,140

just be just off the charts right well

944

00:38:41,460 --> 00:38:39,849

we can't really do statistics because we

945

00:38:43,769 --> 00:38:41,470

no one's ever seen this pattern before

946

00:38:45,180 --> 00:38:43,779

you could measure that EEG you could

947

00:38:47,579 --> 00:38:45,190

break it down and do a statistical

948

00:38:49,680 --> 00:38:47,589

analysis of you know what is the chances

949

00:38:51,269 --> 00:38:49,690

that this pattern is merely by chance or

950

00:38:53,700 --> 00:38:51,279

something in there there just isn't I

951
00:38:55,980 --> 00:38:53,710
guess it just isn't even worth talking

952
00:38:57,359 --> 00:38:55,990
about because it's not even worth

953
00:39:00,660 --> 00:38:57,369
considering that there would be like a

954
00:39:02,609 --> 00:39:00,670
chance harmonic transfer like that well

955
00:39:06,930 --> 00:39:02,619
we actually did consider the question

956
00:39:10,109 --> 00:39:06,940
and so our EEG head guy who is Jay

957
00:39:12,839 --> 00:39:10,119
Gulman uh and and and certainly among

958
00:39:17,789 --> 00:39:12,849
the foremost EEG guys probably in the

959
00:39:20,370 --> 00:39:17,799
world uh he could testify it just from

960
00:39:23,219 --> 00:39:20,380
his experience that in awareness

961
00:39:26,479 --> 00:39:23,229
at least 500,000 EEG readings literally

962
00:39:28,829 --> 00:39:26,489
500,000 no one's ever seen this harmonic

963
00:39:30,989 --> 00:39:28,839

so they've never seen it in a single

964

00:39:33,690 --> 00:39:30,999

brain at let alone a phase-locking of

965

00:39:36,719 --> 00:39:33,700

that to another brain so the pattern

966

00:39:38,789 --> 00:39:36,729

itself is different at least in his

967

00:39:41,370 --> 00:39:38,799

experience of about a half a million EEG

968

00:39:45,539 --> 00:39:41,380

s and the fact that it phase locks with

969

00:39:47,249 --> 00:39:45,549

another is is is really interesting part

970

00:39:49,549 --> 00:39:47,259

of it what makes this so challenging

971

00:39:51,989 --> 00:39:49,559

bill is your work is just so

972

00:39:53,609 --> 00:39:51,999

revolutionary like you just said I mean

973

00:39:56,969 --> 00:39:53,619

you really wrap your arms around it the

974

00:39:59,579 --> 00:39:56,979

first phase lock in the healer again

975

00:40:02,700 --> 00:39:59,589

I'll use that word is off the charts

976
00:40:05,069 --> 00:40:02,710
unbelievable unexplainable of 10 years

977
00:40:06,739 --> 00:40:05,079
worth of research there and then the

978
00:40:09,509 --> 00:40:06,749
fact that you're able to transfer that

979
00:40:12,180 --> 00:40:09,519
quote-unquote telepathically is another

980
00:40:15,089 --> 00:40:12,190
whole area I mean how do you begin to

981
00:40:18,539 --> 00:40:15,099
even wrap your arms around this it's

982
00:40:20,400 --> 00:40:18,549
pretty interesting and and you try to to

983
00:40:22,859 --> 00:40:20,410
find out for example I have been able to

984
00:40:26,099 --> 00:40:22,869
pull this off yet but I want to find out

985
00:40:29,190 --> 00:40:26,109
if the phase locking between two people

986
00:40:32,789 --> 00:40:29,200
varies by whether or not that person has

987
00:40:36,029 --> 00:40:32,799
a need so if we hooked up a bunch of

988
00:40:38,489 --> 00:40:36,039

people in the other room as it were and

989

00:40:40,499 --> 00:40:38,499

some of them had a need meaning a

990

00:40:42,299 --> 00:40:40,509

physical need and some of them didn't

991

00:40:46,319 --> 00:40:42,309

have a physical need you know that was

992

00:40:50,339 --> 00:40:46,329

at least obvious would there be a

993

00:40:53,279 --> 00:40:50,349

difference in the connection I want to

994

00:40:55,769 --> 00:40:53,289

find out whether the connection varies

995

00:40:58,170 --> 00:40:55,779

based on whether the the two people that

996

00:41:00,359 --> 00:40:58,180

were trying to link have a previous

997

00:41:03,120 --> 00:41:00,369

connection they have some sort of an

998

00:41:05,430 --> 00:41:03,130

emotional attachment so would complete

999

00:41:08,279 --> 00:41:05,440

strangers be different than people who

1000

00:41:10,469 --> 00:41:08,289

have a previous relationship would need

1001
00:41:14,579 --> 00:41:10,479
matter versus those that don't need I

1002
00:41:16,380 --> 00:41:14,589
have a suspicion I can't I can't nail

1003
00:41:20,430 --> 00:41:16,390
this yet but I have a suspicion that

1004
00:41:24,809 --> 00:41:20,440
healing is really coming from the Healey

1005
00:41:27,509 --> 00:41:24,819
and that it is a and more of an

1006
00:41:30,749 --> 00:41:27,519
autonomic response to need than anything

1007
00:41:32,729 --> 00:41:30,759
else so the state of mind of the healer

1008
00:41:33,760 --> 00:41:32,739
I don't think is all that interesting or

1009
00:41:35,830 --> 00:41:33,770
important

1010
00:41:39,790 --> 00:41:35,840
except that as you just said you

1011
00:41:42,610 --> 00:41:39,800
produced an EEG that is completely

1012
00:41:45,310 --> 00:41:42,620
beyond explanation from your EEG expert

1013
00:41:47,350 --> 00:41:45,320

so I don't know that's pretty pretty

1014

00:41:49,510 --> 00:41:47,360

interesting too you know but does that

1015

00:41:51,850 --> 00:41:49,520

come I mean what we need to do is follow

1016

00:41:53,490 --> 00:41:51,860

that up and find out if that becomes if

1017

00:41:56,260 --> 00:41:53,500

the signature itself becomes

1018

00:42:01,330 --> 00:41:56,270

idiosyncratic to the person expressing a

1019

00:42:03,880 --> 00:42:01,340

need uh-huh so what a different

1020

00:42:06,220 --> 00:42:03,890

let's say we will hook up mice and you

1021

00:42:08,880 --> 00:42:06,230

actually can do EG readings on mice but

1022

00:42:11,770 --> 00:42:08,890

let's say we've hooked up mice and and a

1023

00:42:15,520 --> 00:42:11,780

mouse with a particular stage of cancer

1024

00:42:17,200 --> 00:42:15,530

being treated would that would the

1025

00:42:20,320 --> 00:42:17,210

readings be different at a different

1026

00:42:22,000 --> 00:42:20,330

state of cancer so as they go into

1027

00:42:26,080 --> 00:42:22,010

remission for example or they're finally

1028

00:42:28,630 --> 00:42:26,090

cured or or or would these things re the

1029

00:42:31,710 --> 00:42:28,640

expression that's found so when you look

1030

00:42:34,240 --> 00:42:31,720

at an EEG output it's reasonably static

1031

00:42:36,520 --> 00:42:34,250

we've frozen it you know I mean it

1032

00:42:38,980 --> 00:42:36,530

actually goes over time but it's not

1033

00:42:41,050 --> 00:42:38,990

over a long period of time and and so I

1034

00:42:43,450 --> 00:42:41,060

think one of our problems is we have a

1035

00:42:46,690 --> 00:42:43,460

tendency to take an extraordinarily

1036

00:42:49,720 --> 00:42:46,700

complex and dynamic nature and try to

1037

00:42:52,360 --> 00:42:49,730

reduce it to static images and maybe if

1038

00:42:55,480 --> 00:42:52,370

we find the face lock we found the phase

1039

00:42:58,360 --> 00:42:55,490

lock different at different stages of

1040

00:43:00,280 --> 00:42:58,370

the need of the Healey hey Bill one

1041

00:43:01,630 --> 00:43:00,290

other really interesting experiment real

1042

00:43:03,520 --> 00:43:01,640

quick I'd like you to tell people about

1043

00:43:06,010 --> 00:43:03,530

because again it's just gonna send folks

1044

00:43:09,580 --> 00:43:06,020

off in a whole different mind thought

1045

00:43:12,460 --> 00:43:09,590

direction MRI you're hooked up to an MRI

1046

00:43:15,550 --> 00:43:12,470

one of your arms is left out of the MRI

1047

00:43:18,400 --> 00:43:15,560

and envelopes are placed in that arm

1048

00:43:20,800 --> 00:43:18,410

describe that a mind-blowing experiment

1049

00:43:23,200 --> 00:43:20,810

yeah in this one we've done a couple

1050

00:43:27,760 --> 00:43:23,210

things we've the one you're referring to

1051

00:43:31,270 --> 00:43:27,770

I was the the subject as it were it was

1052

00:43:32,890 --> 00:43:31,280

also the designer but so I was lying in

1053

00:43:37,330 --> 00:43:32,900

MRI I spent a whole bunch of hours in an

1054

00:43:39,220 --> 00:43:37,340

MRI you know the party of MRIs but so

1055

00:43:42,190 --> 00:43:39,230

I'm lying in an MRI and in closed MRI

1056

00:43:46,980 --> 00:43:42,200

and I can just barely get my left hand

1057

00:43:49,740 --> 00:43:46,990

outside the enclosed area and

1058

00:43:52,140 --> 00:43:49,750

what happens is that into my hand are

1059

00:43:54,120 --> 00:43:52,150

dropped envelopes which I can feel

1060

00:43:57,780 --> 00:43:54,130

tackle II you feel when an envelope

1061

00:44:00,030 --> 00:43:57,790

touches your hand so double blind people

1062

00:44:02,310 --> 00:44:00,040

are dropping envelopes into my hand some

1063

00:44:03,900 --> 00:44:02,320

of the envelopes are sham envelopes they

1064

00:44:06,180 --> 00:44:03,910

have nothing in them at all other than

1065

00:44:07,890 --> 00:44:06,190

it's an envelope and some of the

1066

00:44:10,970 --> 00:44:07,900

envelopes have pictures and hair samples

1067

00:44:14,730 --> 00:44:10,980

of cancerous animals 600 miles away

1068

00:44:16,770 --> 00:44:14,740

which we got from a veterinarian and it

1069

00:44:18,840 --> 00:44:16,780

turns out that to a hundred percent

1070

00:44:22,620 --> 00:44:18,850

accuracy my brain can tell a difference

1071

00:44:25,280 --> 00:44:22,630

and that there is a distinct outcome

1072

00:44:27,690 --> 00:44:25,290

when you drop an envelope into a

1073

00:44:30,000 --> 00:44:27,700

envelope into your hand you get a

1074

00:44:32,310 --> 00:44:30,010

particular technical response but if you

1075

00:44:33,900 --> 00:44:32,320

drop one that has a cancerous need that

1076

00:44:36,810 --> 00:44:33,910

has a picture and a hair sample of a

1077

00:44:38,880 --> 00:44:36,820

cancerous animal the brain responds very

1078

00:44:41,340 --> 00:44:38,890

differently and it responds very

1079

00:44:43,590 --> 00:44:41,350

differently hundreds at a time and so

1080

00:44:48,540 --> 00:44:43,600

the brain can tell whether the the

1081

00:44:51,020 --> 00:44:48,550

envelope is live or not as it were and

1082

00:44:53,580 --> 00:44:51,030

this is very very different than

1083

00:44:55,320 --> 00:44:53,590

conscious awareness and this goes to my

1084

00:44:56,970 --> 00:44:55,330

statement that I think that healing

1085

00:45:00,480 --> 00:44:56,980

might be an autonomic response to need

1086

00:45:02,670 --> 00:45:00,490

that I'm not aware of anything other

1087

00:45:04,830 --> 00:45:02,680

than I'm in a noisy ugly environment and

1088

00:45:06,300 --> 00:45:04,840

that somebody's putting something in my

1089

00:45:07,470 --> 00:45:06,310

hand and taking it out of my hand and

1090

00:45:08,970 --> 00:45:07,480

putting something on my hand and taking

1091

00:45:10,320 --> 00:45:08,980

that on my hand I can't tell the

1092

00:45:12,180 --> 00:45:10,330

difference consciously I'm not aware of

1093

00:45:14,430 --> 00:45:12,190

anything I'm not I'm not a psychic I'm

1094

00:45:16,590 --> 00:45:14,440

not sensitive I'm nothing like that I'm

1095

00:45:19,740 --> 00:45:16,600

just lying in a tube but my brain is

1096

00:45:23,670 --> 00:45:19,750

responding and it knows and so if it

1097

00:45:25,260 --> 00:45:23,680

need is expressed the brain does gonna

1098

00:45:26,970 --> 00:45:25,270

say turns on but I don't know what turns

1099

00:45:29,070 --> 00:45:26,980

on means the brain responds very

1100

00:45:32,210 --> 00:45:29,080

differently than if it's just a touch to

1101

00:45:36,090 --> 00:45:32,220

the brain and so here again I get to

1102

00:45:38,550 --> 00:45:36,100

consciously healing doesn't require a

1103

00:45:41,849 --> 00:45:38,560

conscious anything it doesn't require a

1104

00:45:43,920 --> 00:45:41,859

belief it doesn't require the particular

1105

00:45:47,609 --> 00:45:43,930

state of mind and off to be flopping on

1106

00:45:49,740 --> 00:45:47,619

the floor I don't have to be spiritual I

1107

00:45:52,320 --> 00:45:49,750

want to be anything interesting very

1108

00:45:55,200 --> 00:45:52,330

interesting hypothesis I have to jump on

1109

00:45:57,660 --> 00:45:55,210

that word spiritual I think it's it's

1110

00:46:00,280 --> 00:45:57,670

just fascinating topic and it's

1111

00:46:02,320 --> 00:46:00,290

something we've tried to approach

1112

00:46:03,910 --> 00:46:02,330

in this show a lot because let me take

1113

00:46:05,410 --> 00:46:03,920

this in a slightly different direction

1114

00:46:07,060 --> 00:46:05,420

and try and make a connection very

1115

00:46:09,070 --> 00:46:07,070

interested to hear your opinion on this

1116

00:46:11,200 --> 00:46:09,080

we've looked at the near-death

1117

00:46:14,050 --> 00:46:11,210

experience research quite a bit on this

1118

00:46:16,330 --> 00:46:14,060

show because it challenges this idea

1119

00:46:19,210 --> 00:46:16,340

this kind of ridiculous materialistic

1120

00:46:21,100 --> 00:46:19,220

idea that mind equals brain and it

1121

00:46:24,430 --> 00:46:21,110

challenges directly because these people

1122

00:46:28,270 --> 00:46:24,440

in an NDE situation don't have a brain

1123

00:46:29,950 --> 00:46:28,280

anymore and yet we know from the many

1124

00:46:31,750 --> 00:46:29,960

experiments that have done and the many

1125

00:46:35,440 --> 00:46:31,760

clinical papers that have been published

1126

00:46:36,670 --> 00:46:35,450

they do still have a mind they do still

1127

00:46:39,760 --> 00:46:36,680

have an experience they have a

1128

00:46:42,630 --> 00:46:39,770

consciousness that extends beyond that

1129

00:46:45,340 --> 00:46:42,640

and that immediately puts you

1130

00:46:47,680 --> 00:46:45,350

full-frontal with the spiritual be

1131

00:46:49,240 --> 00:46:47,690

because that's part of the report too is

1132

00:46:51,190 --> 00:46:49,250

that these people have this spiritual

1133

00:46:52,420 --> 00:46:51,200

experience and then that you have to

1134

00:46:55,150 --> 00:46:52,430

correlate with other people have had

1135

00:46:58,810 --> 00:46:55,160

spiritually transformative experiences

1136

00:47:00,520 --> 00:46:58,820

so it kind of leads to it in your case

1137

00:47:02,590 --> 00:47:00,530

if we're really going to be honest it

1138

00:47:05,350 --> 00:47:02,600

leads you in the other direction almost

1139

00:47:07,990 --> 00:47:05,360

because what you're saying essentially

1140

00:47:10,510 --> 00:47:08,000

is that that the spiritual doesn't come

1141

00:47:13,420 --> 00:47:10,520

into it at all and this area that has

1142

00:47:16,150 --> 00:47:13,430

often been associated with spirituality

1143

00:47:19,030 --> 00:47:16,160

and this extended consciousness thing

1144

00:47:20,650 --> 00:47:19,040

you're saying I don't see any link not

1145

00:47:24,820 --> 00:47:20,660

that I'm looking for it but it isn't

1146

00:47:27,280 --> 00:47:24,830

presenting itself this idea of spiritual

1147

00:47:30,430 --> 00:47:27,290

connection well do you have any thoughts

1148

00:47:33,940 --> 00:47:30,440

on either what this consciousness

1149

00:47:37,110 --> 00:47:33,950

extending beyond bodily death might mean

1150

00:47:39,730 --> 00:47:37,120

or how that's connected to this or how

1151
00:47:42,010 --> 00:47:39,740
spirituality in general is connected to

1152
00:47:46,660 --> 00:47:42,020
your work first of all I think the

1153
00:47:51,280 --> 00:47:46,670
near-death experience research is just

1154
00:47:52,510 --> 00:47:51,290
fascinating it's beautiful I mean do you

1155
00:47:53,740 --> 00:47:52,520
look at some of the stuff coming out of

1156
00:47:57,040 --> 00:47:53,750
the University of Virginia for example

1157
00:47:58,930 --> 00:47:57,050
and Bruce Grayson and those guys it's

1158
00:48:01,810 --> 00:47:58,940
beautiful stuff I mean it makes you you

1159
00:48:03,520 --> 00:48:01,820
got to sit up and take notice something

1160
00:48:06,430 --> 00:48:03,530
serious is going on there I actually

1161
00:48:08,620 --> 00:48:06,440
have a paper coming out I don't know

1162
00:48:10,840 --> 00:48:08,630
maybe this month what I did among other

1163
00:48:13,030 --> 00:48:10,850

thing is I examined the logs of my

1164

00:48:14,000 --> 00:48:13,040

student volunteers and faculty

1165

00:48:15,650 --> 00:48:14,010

volunteers

1166

00:48:18,170 --> 00:48:15,660

it's harder to get to do the logs

1167

00:48:19,970 --> 00:48:18,180

faculty are pretty useless but students

1168

00:48:22,850 --> 00:48:19,980

at least some of them can be a little

1169

00:48:25,610 --> 00:48:22,860

more compliant and so when I've asked

1170

00:48:29,300 --> 00:48:25,620

people for example to treat cages of

1171

00:48:32,000 --> 00:48:29,310

mice under various conditions I am also

1172

00:48:35,720 --> 00:48:32,010

asking them to keep a log of their

1173

00:48:38,720 --> 00:48:35,730

thoughts experiences feelings and and so

1174

00:48:41,510 --> 00:48:38,730

on and and so it it was there that I

1175

00:48:45,980 --> 00:48:41,520

really learned the extent of the lack of

1176
00:48:48,920 --> 00:48:45,990
belief of many people for example some

1177
00:48:51,110 --> 00:48:48,930
of the students talked amongst

1178
00:48:52,940 --> 00:48:51,120
themselves and said they really thought

1179
00:48:54,410 --> 00:48:52,950
I was doing studying gullibility and

1180
00:48:56,120 --> 00:48:54,420
that gives you an idea of how little

1181
00:48:58,280 --> 00:48:56,130
they actually believed in healing so

1182
00:48:59,810 --> 00:48:58,290
they thought I was can i trick someone

1183
00:49:01,100 --> 00:48:59,820
to putting their hands around a cage and

1184
00:49:02,810 --> 00:49:01,110
thinking something will happen right

1185
00:49:04,730 --> 00:49:02,820
right so you've asked just so I can I

1186
00:49:07,040 --> 00:49:04,740
can understand it as I explained to

1187
00:49:08,660 --> 00:49:07,050
other folks you said okay you know

1188
00:49:10,250 --> 00:49:08,670

here's the protocol we're gonna follow

1189

00:49:14,060 --> 00:49:10,260

and you have to do this experiment and

1190

00:49:15,650 --> 00:49:14,070

oh by the way keep this log of just your

1191

00:49:17,930 --> 00:49:15,660

kind of personal journal of what you

1192

00:49:20,000 --> 00:49:17,940

went through and lo and behold you look

1193

00:49:22,040 --> 00:49:20,010

at the personal journal and they say you

1194

00:49:24,250 --> 00:49:22,050

know I I know he's asking me to do this

1195

00:49:26,810 --> 00:49:24,260

but I think this is really an

1196

00:49:28,640 --> 00:49:26,820

experimental experiment on whether I'm

1197

00:49:32,120 --> 00:49:28,650

gullible enough to follow these

1198

00:49:34,070 --> 00:49:32,130

ridiculous procedures they thought I was

1199

00:49:35,780 --> 00:49:34,080

just screw with the heads which

1200

00:49:39,260 --> 00:49:35,790

apparently I was but not the way I

1201

00:49:41,330 --> 00:49:39,270

intended and so so they really didn't

1202

00:49:44,090 --> 00:49:41,340

believe it stuff but but also some of

1203

00:49:45,350 --> 00:49:44,100

them after they settled in and first

1204

00:49:47,840 --> 00:49:45,360

time you put your hands around a cage

1205

00:49:49,970 --> 00:49:47,850

you've cancerous mice you're gonna feel

1206

00:49:52,640 --> 00:49:49,980

a little awkward you know say the least

1207

00:49:54,140 --> 00:49:52,650

and and after a while you get used to it

1208

00:49:55,370 --> 00:49:54,150

and you're you're coming into the lab

1209

00:49:59,720 --> 00:49:55,380

and you're doing whatever it is you're

1210

00:50:02,090 --> 00:49:59,730

doing and sometimes you're just alone

1211

00:50:04,790 --> 00:50:02,100

with the mice sometimes you're with

1212

00:50:08,960 --> 00:50:04,800

other people and sometimes sometimes

1213

00:50:11,330 --> 00:50:08,970

something happens and I say sometimes so

1214

00:50:16,940 --> 00:50:11,340

in the logs and talking to the people

1215

00:50:19,730 --> 00:50:16,950

what I have is a variety of subjective

1216

00:50:23,180 --> 00:50:19,740

experiences that the people have gone

1217

00:50:25,870 --> 00:50:23,190

through and some of them feel nothing

1218

00:50:27,120 --> 00:50:25,880

think this is this is complete nonsense

1219

00:50:31,140 --> 00:50:27,130

they

1220

00:50:33,660 --> 00:50:31,150

their life depending on it and others

1221

00:50:35,850 --> 00:50:33,670

feel the connection and something

1222

00:50:40,020 --> 00:50:35,860

happens at some times and sometimes it

1223

00:50:44,610 --> 00:50:40,030

happens at quiet moments and it is they

1224

00:50:48,210 --> 00:50:44,620

feel something other in a connection

1225

00:50:51,210 --> 00:50:48,220

with their mice so the first statement

1226
00:50:53,550 --> 00:50:51,220
would be the people in the experiments

1227
00:50:58,740 --> 00:50:53,560
have the range of experience that run

1228
00:51:02,700 --> 00:50:58,750
from nothing to what is that something's

1229
00:51:06,470 --> 00:51:02,710
going on and it turns out the difference

1230
00:51:10,560 --> 00:51:06,480
among them is not related at all to the

1231
00:51:13,050 --> 00:51:10,570
success or failure rate of healing so

1232
00:51:13,440 --> 00:51:13,060
the people who are feeling nothing at

1233
00:51:16,890 --> 00:51:13,450
all

1234
00:51:20,340 --> 00:51:16,900
heal the same as the people who are

1235
00:51:24,180 --> 00:51:20,350
feeling something and it occurred to me

1236
00:51:28,590 --> 00:51:24,190
after a while that perhaps we have the

1237
00:51:31,350 --> 00:51:28,600
causal direction backwards back to your

1238
00:51:33,690 --> 00:51:31,360

point of the need of the need yeah so

1239

00:51:36,030 --> 00:51:33,700

people who have been have hurt people

1240

00:51:39,480 --> 00:51:36,040

and I now have meant you know a bunch of

1241

00:51:40,380 --> 00:51:39,490

healers and such and and they they some

1242

00:51:43,020 --> 00:51:40,390

of them go through

1243

00:51:45,960 --> 00:51:43,030

I don't know healing rituals and some of

1244

00:51:48,030 --> 00:51:45,970

them go through they they they're like

1245

00:51:50,490 --> 00:51:48,040

clearing their minds and they're they're

1246

00:51:52,410 --> 00:51:50,500

doing all these kinds of things and and

1247

00:51:56,490 --> 00:51:52,420

so they're trying to get what you could

1248

00:51:59,400 --> 00:51:56,500

loosely call into a spiritual frame of

1249

00:52:02,250 --> 00:51:59,410

mind you know I did that's very day but

1250

00:52:04,980 --> 00:52:02,260

they're they're trying to become

1251
00:52:07,620 --> 00:52:04,990
spiritual and they think that if they

1252
00:52:09,750 --> 00:52:07,630
become spiritual or experienced

1253
00:52:12,420 --> 00:52:09,760
spiritual things that that will enhance

1254
00:52:15,540 --> 00:52:12,430
healing that healing is an outgrowth of

1255
00:52:18,780 --> 00:52:15,550
a particular spiritual state of mind and

1256
00:52:21,870 --> 00:52:18,790
I suspect that this is backwards that

1257
00:52:25,110 --> 00:52:21,880
the causal sequence is backwards that I

1258
00:52:27,450 --> 00:52:25,120
think that the sense of connection which

1259
00:52:30,300 --> 00:52:27,460
I'll take is generically similar to

1260
00:52:34,500 --> 00:52:30,310
spirituality the sense of connection is

1261
00:52:39,390 --> 00:52:34,510
a consequence of healing not the cause

1262
00:52:41,460 --> 00:52:39,400
and those people who are more sensitive

1263
00:52:44,520 --> 00:52:41,470

to that experience

1264

00:52:47,280 --> 00:52:44,530

we'll feel it and those people who are

1265

00:52:49,710 --> 00:52:47,290

not sensitive to that experience will

1266

00:52:51,690 --> 00:52:49,720

not feel it and that doesn't seem to

1267

00:52:56,190 --> 00:52:51,700

matter in terms of the efficacy of

1268

00:52:58,170 --> 00:52:56,200

healing it seems to matter as simply if

1269

00:53:00,810 --> 00:52:58,180

you're open to having that experience

1270

00:53:03,930 --> 00:53:00,820

but I think healing occurs nonetheless

1271

00:53:06,630 --> 00:53:03,940

and is not related directly it's not a

1272

00:53:08,940 --> 00:53:06,640

consequence of that feeling so you don't

1273

00:53:10,770 --> 00:53:08,950

I wouldn't recommend get into a

1274

00:53:13,500 --> 00:53:10,780

spiritual state of mind and try to heal

1275

00:53:14,790 --> 00:53:13,510

I would say just heal I mean just

1276

00:53:16,920 --> 00:53:14,800

healing for crying out loud it's a

1277

00:53:20,340 --> 00:53:16,930

natural thing and the sense of

1278

00:53:24,030 --> 00:53:20,350

spirituality is is a sensation you have

1279

00:53:25,230 --> 00:53:24,040

in your conscious mind I don't know that

1280

00:53:27,450 --> 00:53:25,240

the conscious mind is particularly

1281

00:53:29,940 --> 00:53:27,460

relevant any of this stuff but then

1282

00:53:33,000 --> 00:53:29,950

you're using conscious there in a very

1283

00:53:35,910 --> 00:53:33,010

narrow way that that we understand it

1284

00:53:37,590 --> 00:53:35,920

right because the whole work that you're

1285

00:53:38,810 --> 00:53:37,600

talking about challenges our

1286

00:53:41,580 --> 00:53:38,820

understanding of consciousness

1287

00:53:44,370 --> 00:53:41,590

especially when we when we look at how

1288

00:53:45,420 --> 00:53:44,380

that's embedded in a scientific as that

1289

00:53:47,100 --> 00:53:45,430

wisdom that doesn't even acknowledge

1290

00:53:49,410 --> 00:53:47,110

that there is such a thing as

1291

00:53:51,960 --> 00:53:49,420

consciousness so I mean it's it's hard

1292

00:53:54,900 --> 00:53:51,970

to rely on these things down one thing I

1293

00:53:56,940 --> 00:53:54,910

wanted to touch on it because it did

1294

00:53:59,270 --> 00:53:56,950

cross my mind and I'm sure a lot of

1295

00:54:03,450 --> 00:53:59,280

people are thinking about this you can

1296

00:54:06,200 --> 00:54:03,460

at point sound like this cruel you know

1297

00:54:08,460 --> 00:54:06,210

the ultimate cruel animal killer

1298

00:54:11,520 --> 00:54:08,470

experimenter who's you know injecting

1299

00:54:13,440 --> 00:54:11,530

all these mice with cancer and you had

1300

00:54:14,910 --> 00:54:13,450

just a beautiful little tidbit in an

1301
00:54:18,630 --> 00:54:14,920
interview I heard where you said you

1302
00:54:21,780 --> 00:54:18,640
know you're much more morally outraged

1303
00:54:25,740 --> 00:54:21,790
at the idea as long as well as the

1304
00:54:29,550 --> 00:54:25,750
efficacy of killing cancer cells in a

1305
00:54:32,280 --> 00:54:29,560
petri dish then you are with the

1306
00:54:36,210 --> 00:54:32,290
necessity of performing these

1307
00:54:41,240 --> 00:54:36,220
experiments on these mice I mean a

1308
00:54:44,790 --> 00:54:41,250
couple of interesting things one is I am

1309
00:54:48,030 --> 00:54:44,800
very uncomfortable with doing animal

1310
00:54:52,050 --> 00:54:48,040
research just because I'm uncomfortable

1311
00:54:54,930 --> 00:54:52,060
I don't know how else to do it so the

1312
00:54:57,569 --> 00:54:54,940
kinds of things that I have done

1313
00:54:59,520 --> 00:54:57,579

there is no alternative to doing it the

1314

00:55:01,410 --> 00:54:59,530

way I'd do it at least as far as I'm

1315

00:55:02,640 --> 00:55:01,420

aware right now hey and let's interject

1316

00:55:04,410 --> 00:55:02,650

something there because it's a really

1317

00:55:07,770 --> 00:55:04,420

good point that you make you know you do

1318

00:55:09,540 --> 00:55:07,780

this same experiment with people and you

1319

00:55:10,910 --> 00:55:09,550

just try and heal people and you run

1320

00:55:13,170 --> 00:55:10,920

into all sorts of problems

1321

00:55:15,329 --> 00:55:13,180

experimentally and the main one is that

1322

00:55:18,809 --> 00:55:15,339

they come to you once and they never

1323

00:55:20,970 --> 00:55:18,819

come back they don't yet so you would

1324

00:55:23,400 --> 00:55:20,980

not be able to produce results that

1325

00:55:24,870 --> 00:55:23,410

would have any chance not that your

1326
00:55:25,829 --> 00:55:24,880
results in general have any chance of

1327
00:55:27,599 --> 00:55:25,839
changing the medical establishment

1328
00:55:30,990 --> 00:55:27,609
because history would suggest that they

1329
00:55:33,839 --> 00:55:31,000
don't but you wouldn't even be on the

1330
00:55:35,700 --> 00:55:33,849
radar if you weren't doing this in a

1331
00:55:38,760 --> 00:55:35,710
very controlled way that you can do with

1332
00:55:41,700 --> 00:55:38,770
a thousand mice in a cage right no you

1333
00:55:44,160 --> 00:55:41,710
have people and I mean you really can't

1334
00:55:46,800 --> 00:55:44,170
make any conclusions from from doing

1335
00:55:50,309 --> 00:55:46,810
people that are that are worth too much

1336
00:55:53,400 --> 00:55:50,319
right in my opinion so let's say you had

1337
00:55:55,559 --> 00:55:53,410
10 people who who came to you and you

1338
00:55:58,440 --> 00:55:55,569

did these healing techniques on 10

1339

00:56:02,309 --> 00:55:58,450

people and they all got better all right

1340

00:56:04,620 --> 00:56:02,319

you don't know what did it so you don't

1341

00:56:06,270 --> 00:56:04,630

know whether it was their diet you don't

1342

00:56:07,890 --> 00:56:06,280

know whether it was they got more sleep

1343

00:56:08,579 --> 00:56:07,900

they got less sleep they got you know

1344

00:56:11,520 --> 00:56:08,589

who knows

1345

00:56:13,890 --> 00:56:11,530

so people are ugly in the sense that

1346

00:56:16,770 --> 00:56:13,900

they don't produce clean data and it

1347

00:56:19,559 --> 00:56:16,780

gets worse that as you point out they

1348

00:56:21,720 --> 00:56:19,569

don't come back so the odds of getting

1349

00:56:24,809 --> 00:56:21,730

10 people to follow all the ways are

1350

00:56:26,280 --> 00:56:24,819

extremely remote in the case of the mice

1351

00:56:28,920 --> 00:56:26,290

and the reason that it's such a

1352

00:56:30,390 --> 00:56:28,930

beautiful model is you have thousands

1353

00:56:31,950 --> 00:56:30,400

and thousands of experiments you know

1354

00:56:33,630 --> 00:56:31,960

exactly what's going to happen you know

1355

00:56:36,000 --> 00:56:33,640

the conditions which will produce what

1356

00:56:39,440 --> 00:56:36,010

effects you know all those things and

1357

00:56:43,380 --> 00:56:39,450

you can make reasonably hard conclusions

1358

00:56:45,240 --> 00:56:43,390

so without the mice you'd have a bunch

1359

00:56:48,359 --> 00:56:45,250

of people that you hear stories about

1360

00:56:50,790 --> 00:56:48,369

and the people had a condition and then

1361

00:56:52,410 --> 00:56:50,800

someone said hocus-pocus and wave their

1362

00:56:54,240 --> 00:56:52,420

arms and then the condition left well

1363

00:56:57,569 --> 00:56:54,250

are you gonna tie the two together I

1364

00:57:02,940 --> 00:56:57,579

don't know maybe it was the vitamin C

1365

00:57:04,440 --> 00:57:02,950

they took who knows so a skeptic doesn't

1366

00:57:07,800 --> 00:57:04,450

have a way to come to a firm conclusion

1367

00:57:11,550 --> 00:57:07,810

there so bill back to the

1368

00:57:14,100 --> 00:57:11,560

moral problems of killing those cancer

1369

00:57:15,330 --> 00:57:14,110

cells in a petri dish I think that's a

1370

00:57:18,270 --> 00:57:15,340

really interesting point

1371

00:57:21,180 --> 00:57:18,280

well it sounds facetious but I think

1372

00:57:23,010 --> 00:57:21,190

that in in my crazy way of looking at

1373

00:57:26,340 --> 00:57:23,020

the world I think that healing should

1374

00:57:28,890 --> 00:57:26,350

heal if you have cancer cells in a petri

1375

00:57:31,860 --> 00:57:28,900

dish or a well plate or whatever your

1376

00:57:34,610 --> 00:57:31,870

storage facility is and a healer comes

1377

00:57:38,790 --> 00:57:34,620

along and does whatever their healing

1378

00:57:40,740 --> 00:57:38,800

thing is then presumably the outcome is

1379

00:57:43,980 --> 00:57:40,750

to the benefit of that which their

1380

00:57:46,730 --> 00:57:43,990

healing cancer in a test tube we'll call

1381

00:57:48,870 --> 00:57:46,740

it has no need other than to reproduce

1382

00:57:51,960 --> 00:57:48,880

that's what struck me about that

1383

00:57:56,040 --> 00:57:51,970

statement is it immediately shifted my

1384

00:57:58,170 --> 00:57:56,050

my awareness from these mice who are

1385

00:57:59,520 --> 00:57:58,180

dying which is really kind of like you

1386

00:58:02,940 --> 00:57:59,530

said a terrible horrible thing to think

1387

00:58:04,980 --> 00:58:02,950

about - why did I focus on that as

1388

00:58:07,350 --> 00:58:04,990

opposed to these cells why did I

1389

00:58:09,920 --> 00:58:07,360

immediately you know jump right in the

1390

00:58:13,890 --> 00:58:09,930

middle of this assumed hierarchical

1391

00:58:16,620 --> 00:58:13,900

importance of life you know and I think

1392

00:58:18,690 --> 00:58:16,630

you draw to that and I think taking it

1393

00:58:21,870 --> 00:58:18,700

in a totally different direction what

1394

00:58:24,000 --> 00:58:21,880

are the implications for that in terms

1395

00:58:26,220 --> 00:58:24,010

of how we do this kind of medical

1396

00:58:31,650 --> 00:58:26,230

research because as your research

1397

00:58:33,930 --> 00:58:31,660

suggests maybe cancer cells in a test

1398

00:58:37,680 --> 00:58:33,940

tube or in a petri dish have a different

1399

00:58:41,360 --> 00:58:37,690

need than the cells in a mouse and

1400

00:58:43,950 --> 00:58:41,370

therefore you know what kind of crazy

1401
00:58:46,980 --> 00:58:43,960
experimental effect are we introducing

1402
00:58:49,710 --> 00:58:46,990
that's kind of mucking up all our data

1403
00:58:51,930 --> 00:58:49,720
when we look at the test tube yeah I

1404
00:58:53,160 --> 00:58:51,940
actually wrote an editorial about this

1405
00:58:56,010 --> 00:58:53,170
for the Journal of alternative and

1406
00:58:58,680 --> 00:58:56,020
complementary medicine they asked me to

1407
00:59:01,560 --> 00:58:58,690
write an editorial and and the real

1408
00:59:03,240 --> 00:59:01,570
short version was there was a group of

1409
00:59:06,120 --> 00:59:03,250
Joe ray practitioners Joe raised a

1410
00:59:08,160 --> 00:59:06,130
particular method of healing I don't

1411
00:59:10,020 --> 00:59:08,170
know how to do it but but it alleges to

1412
00:59:14,370 --> 00:59:10,030
produce healing effects and they got a

1413
00:59:17,430 --> 00:59:14,380

bunch of Joe ray healers who intended

1414

00:59:19,350 --> 00:59:17,440

healing at a bunch of cancer cells they

1415

00:59:21,630 --> 00:59:19,360

had six different kinds of cancer a

1416

00:59:24,750 --> 00:59:21,640

couple of human couple of

1417

00:59:26,819 --> 00:59:24,760

a mouse and they were intending to these

1418

00:59:29,759 --> 00:59:26,829

we'll just call him pet petri dishes

1419

00:59:31,529 --> 00:59:29,769

they were intending to these healing and

1420

00:59:34,410 --> 00:59:31,539

and what they found was they had a

1421

00:59:37,799 --> 00:59:34,420

significant increase in the death rate

1422

00:59:42,269 --> 00:59:37,809

of these cells and I got alarmed

1423

00:59:43,650 --> 00:59:42,279

I got alarmed and I thought whoa

1424

00:59:45,839 --> 00:59:43,660

well I mean this this this could be

1425

00:59:47,849 --> 00:59:45,849

reasonably profound about what this says

1426
00:59:50,009 --> 00:59:47,859
about healing and certainly what it says

1427
00:59:52,319 --> 00:59:50,019
about intent because if these people

1428
00:59:55,049 --> 00:59:52,329
were intending healing yet they had an

1429
00:59:57,359 --> 00:59:55,059
increase in cell death does that mean

1430
00:59:59,279 --> 00:59:57,369
that intention doesn't matter is it

1431
01:00:03,779 --> 00:59:59,289
possible that you intend healing yet

1432
01:00:05,759 --> 01:00:03,789
killing results and so if this was

1433
01:00:08,370 --> 01:00:05,769
likened or you could see the direct

1434
01:00:11,009 --> 01:00:08,380
analogy to something like radiation

1435
01:00:13,200 --> 01:00:11,019
so here the healer is going is that zap

1436
01:00:16,200 --> 01:00:13,210
and and the cells are dying in a

1437
01:00:18,299 --> 01:00:16,210
particular rate an increased rate of

1438
01:00:20,730 --> 01:00:18,309

death and and so I found that

1439

01:00:24,630 --> 01:00:20,740

particularly interesting that maybe

1440

01:00:28,650 --> 01:00:24,640

these killers are not healing maybe this

1441

01:00:31,079 --> 01:00:28,660

is more of a psychokinetic effect that

1442

01:00:33,569 --> 01:00:31,089

they had an intention what they consider

1443

01:00:35,549 --> 01:00:33,579

healing was really to kill cells mm-hmm

1444

01:00:38,789 --> 01:00:35,559

and I don't consider that healing at all

1445

01:00:41,940 --> 01:00:38,799

mm-hmm yeah be careful what your what

1446

01:00:44,130 --> 01:00:41,950

your intentions really are yeah so maybe

1447

01:00:50,190 --> 01:00:44,140

a psychokinetic effect going see if we

1448

01:00:52,829 --> 01:00:50,200

can change or kill cells or do a lot and

1449

01:00:54,240 --> 01:00:52,839

maybe it works but the way it was

1450

01:00:56,309 --> 01:00:54,250

described in the paper

1451

01:00:58,319 --> 01:00:56,319

the healers intended healing and I

1452

01:01:01,019 --> 01:00:58,329

thought this does make sense he legit

1453

01:01:04,410 --> 01:01:01,029

heal and of course the idea of intending

1454

01:01:07,109 --> 01:01:04,420

harm and intending killing is something

1455

01:01:08,700 --> 01:01:07,119

that our government has investigated for

1456

01:01:10,890 --> 01:01:08,710

quite some time I mean the the movie

1457

01:01:12,420 --> 01:01:10,900

yeah men that stare at goats and Jon

1458

01:01:14,579 --> 01:01:12,430

Ronson is somebody we've had on the show

1459

01:01:16,200 --> 01:01:14,589

even though he's kind of of a skeptical

1460

01:01:17,940 --> 01:01:16,210

bent if you talk to the really the

1461

01:01:20,190 --> 01:01:17,950

people who really were involved in those

1462

01:01:23,150 --> 01:01:20,200

projects they said yeah we were trying

1463

01:01:25,650 --> 01:01:23,160

to do that we were trying to focus that

1464

01:01:27,269 --> 01:01:25,660

ability well it doesn't sound like they

1465

01:01:29,430 --> 01:01:27,279

had nearly the the deeper understanding

1466

01:01:31,140 --> 01:01:29,440

of it than you did but then we'll never

1467

01:01:33,779 --> 01:01:31,150

know because we will never see that

1468

01:01:35,190 --> 01:01:33,789

research but yeah it does bring up some

1469

01:01:38,609 --> 01:01:35,200

thorny issues in terms

1470

01:01:40,859 --> 01:01:38,619

of intention and psychokinesis yeah if

1471

01:01:44,220 --> 01:01:40,869

you could intention in psychokinesis

1472

01:01:45,900 --> 01:01:44,230

screw up cells and increase cell death

1473

01:01:48,180 --> 01:01:45,910

and do all those kinds of things you

1474

01:01:50,520 --> 01:01:48,190

know wonderful some of the evidence and

1475

01:01:52,410 --> 01:01:50,530

I but I would just conceptually consider

1476

01:01:54,589 --> 01:01:52,420

that to be different than healing so you

1477

01:01:55,980 --> 01:01:54,599

get for example the wonderful

1478

01:01:58,500 --> 01:01:55,990

experiments done at Princeton

1479

01:02:03,170 --> 01:01:58,510

engineering and in the parallel for

1480

01:02:05,310 --> 01:02:03,180

about 30 years can can a consciousness

1481

01:02:07,740 --> 01:02:05,320

deliberately affect the outcome of a

1482

01:02:10,770 --> 01:02:07,750

random number generator well they have

1483

01:02:13,290 --> 01:02:10,780

30 years of data that I think yes the

1484

01:02:15,450 --> 01:02:13,300

answer is yes the consciousness can

1485

01:02:17,160 --> 01:02:15,460

affect the outcome of a random number

1486

01:02:18,390 --> 01:02:17,170

generator I mean there's no question at

1487

01:02:21,780 --> 01:02:18,400

this point they have literally millions

1488

01:02:24,240 --> 01:02:21,790

of trials and you can come in there and

1489

01:02:26,130 --> 01:02:24,250

make a we'll call an electronic coin

1490

01:02:28,319 --> 01:02:26,140

flip or come out more heads than it

1491

01:02:29,609 --> 01:02:28,329

ought to or make it come out more tails

1492

01:02:32,190 --> 01:02:29,619

that are going to and when a

1493

01:02:34,530 --> 01:02:32,200

consciousness inserts itself then the

1494

01:02:37,230 --> 01:02:34,540

outcome changes when the consciousness

1495

01:02:39,510 --> 01:02:37,240

under inserts itself the outcome goes

1496

01:02:42,420 --> 01:02:39,520

back to chance and so that's a

1497

01:02:45,780 --> 01:02:42,430

psychokinetic effect i think that's

1498

01:02:49,170 --> 01:02:45,790

different than healing and so i I did

1499

01:02:50,579 --> 01:02:49,180

some experiments that I haven't

1500

01:02:51,870 --> 01:02:50,589

published yet because I need a whole

1501

01:02:56,910 --> 01:02:51,880

bunch of replications before I'll

1502

01:03:00,839 --> 01:02:56,920

publish anything but if the essentially

1503

01:03:03,870 --> 01:03:00,849

it was treating the medium in which the

1504

01:03:06,450 --> 01:03:03,880

cancer cells are grown so these are in

1505

01:03:09,569 --> 01:03:06,460

vitro treating the medium in which the

1506

01:03:12,930 --> 01:03:09,579

cancer cells are grown so you have the

1507

01:03:15,000 --> 01:03:12,940

nutrients the the medium that and you

1508

01:03:18,420 --> 01:03:15,010

put cancer cells in them and they that's

1509

01:03:21,540 --> 01:03:18,430

their food what happens if you intend

1510

01:03:23,160 --> 01:03:21,550

healing to the medium in which the

1511

01:03:25,950 --> 01:03:23,170

cancer cells are grown that's the

1512

01:03:28,319 --> 01:03:25,960

question and it turns out that we had at

1513

01:03:31,200 --> 01:03:28,329

least an increase of 600 percent growth

1514

01:03:34,170 --> 01:03:31,210

in cancer cells Wow you know kind of

1515

01:03:35,790 --> 01:03:34,180

scared the lab a little but it ate for

1516

01:03:37,890 --> 01:03:35,800

the graduate assistants you know things

1517

01:03:40,829 --> 01:03:37,900

like that and so so the cancer went

1518

01:03:42,420 --> 01:03:40,839

crazy now that's pretty interesting I'm

1519

01:03:43,950 --> 01:03:42,430

not surprised I mean I'm just a little

1520

01:03:45,569 --> 01:03:43,960

shocked by the by the strength of the

1521

01:03:46,710 --> 01:03:45,579

effect because it was until he didn't

1522

01:03:48,910 --> 01:03:46,720

have to do any statistics

1523

01:03:52,360 --> 01:03:48,920

this wasn't a subtle effect

1524

01:03:55,930 --> 01:03:52,370

so six a little more six hundred percent

1525

01:03:57,970 --> 01:03:55,940

increase in cancer cell growth that's

1526
01:03:59,320 --> 01:03:57,980
healing now what would happen I don't

1527
01:04:01,120 --> 01:03:59,330
know the answer it's Valle what would

1528
01:04:03,280 --> 01:04:01,130
happen if you took that same

1529
01:04:05,380 --> 01:04:03,290
supercharged cancer which I would

1530
01:04:08,620 --> 01:04:05,390
consider having been healed because

1531
01:04:11,290 --> 01:04:08,630
cancer does what it divides mmm-hmm

1532
01:04:13,330 --> 01:04:11,300
if you if you read the book the Emperor

1533
01:04:15,630 --> 01:04:13,340
of all maladies which is a biography of

1534
01:04:17,860 --> 01:04:15,640
cancer there's a wonderful line in there

1535
01:04:20,770 --> 01:04:17,870
saying that cancer is a more perfect

1536
01:04:24,700 --> 01:04:20,780
version of ourselves that get your

1537
01:04:26,500 --> 01:04:24,710
attention you know so cancer divides it

1538
01:04:28,420 --> 01:04:26,510

doesn't know how to stop the body so

1539

01:04:30,010 --> 01:04:28,430

it's got a short term incredible success

1540

01:04:33,040 --> 01:04:30,020

rate with a not a great long term

1541

01:04:34,890 --> 01:04:33,050

strategy and and and so you know hadn't

1542

01:04:39,010 --> 01:04:34,900

thought things through it's kind of like

1543

01:04:42,370 --> 01:04:39,020

capitalism so so you're looking for

1544

01:04:43,960 --> 01:04:42,380

quarterly profits cancer goes nuts and

1545

01:04:48,220 --> 01:04:43,970

beats out everybody else and has no off

1546

01:04:49,600 --> 01:04:48,230

switch if you heal that it should get

1547

01:04:51,280 --> 01:04:49,610

what it wants and what does it want to

1548

01:04:54,160 --> 01:04:51,290

do it wants to keep going and that's

1549

01:04:56,830 --> 01:04:54,170

that's what happened now if we took that

1550

01:04:59,980 --> 01:04:56,840

same supercharged cancer and injected it

1551
01:05:03,280 --> 01:04:59,990
into a mouse what would happen I don't

1552
01:05:06,220 --> 01:05:03,290
know I got to do this but my suspicion

1553
01:05:08,160 --> 01:05:06,230
is it would then collapse because you'd

1554
01:05:12,160 --> 01:05:08,170
have a lot of energy in the system and

1555
01:05:14,710 --> 01:05:12,170
the cancer I suspect is a group of cells

1556
01:05:17,500 --> 01:05:14,720
not in communication with its neighbors

1557
01:05:19,390 --> 01:05:17,510
and if what the organism needs is to

1558
01:05:21,850 --> 01:05:19,400
communicate with the cancer you're

1559
01:05:25,270 --> 01:05:21,860
killing your healing so healing in that

1560
01:05:28,480 --> 01:05:25,280
in that conceptual model is saying to

1561
01:05:31,120 --> 01:05:28,490
cancer come play with us well it's an

1562
01:05:32,860 --> 01:05:31,130
amazing body of work than and I love

1563
01:05:35,260 --> 01:05:32,870

that phrase come play with us because I

1564

01:05:36,910 --> 01:05:35,270

think the whole body of work invites us

1565

01:05:39,190 --> 01:05:36,920

come play with us I mean that's that's

1566

01:05:42,010 --> 01:05:39,200

what it's saying come figure me out come

1567

01:05:45,190 --> 01:05:42,020

understand what this means give folks a

1568

01:05:47,590 --> 01:05:45,200

sense for the scope of this bill because

1569

01:05:51,370 --> 01:05:47,600

you have so many great stories but you

1570

01:05:52,810 --> 01:05:51,380

have this fantastic book the energy cure

1571

01:05:54,640 --> 01:05:52,820

unraveling the mystery of hands on

1572

01:05:56,920 --> 01:05:54,650

healing but you also have numerous

1573

01:05:58,930 --> 01:05:56,930

numerous peer-reviewed paper give us a

1574

01:06:01,900 --> 01:05:58,940

sense for the scope of what you've

1575

01:06:02,680 --> 01:06:01,910

published out there oh I've got stuff on

1576

01:06:05,710 --> 01:06:02,690

say

1577

01:06:10,000 --> 01:06:05,720

locking brains on cancer emitting in my

1578

01:06:13,599 --> 01:06:10,010

son EEG stuff on functional MRI stuff on

1579

01:06:15,819 --> 01:06:13,609

I think I have a pretty novel idea of

1580

01:06:17,260 --> 01:06:15,829

how placebos work with an actual linkage

1581

01:06:19,480 --> 01:06:17,270

for treating normal and control groups

1582

01:06:22,030 --> 01:06:19,490

you know that kind of stuff so that I

1583

01:06:23,440 --> 01:06:22,040

mean my interests run pretty wide they

1584

01:06:24,790 --> 01:06:23,450

run pretty wide one of the things I'm

1585

01:06:27,609 --> 01:06:24,800

interested in that you mentioned the

1586

01:06:31,450 --> 01:06:27,619

energy cure as the book I also have a

1587

01:06:33,490 --> 01:06:31,460

companion CD set which I'm interested in

1588

01:06:36,010 --> 01:06:33,500

about the question of can healing be

1589

01:06:38,440 --> 01:06:36,020

taught and I published a paper a couple

1590

01:06:41,050 --> 01:06:38,450

of years ago on the question can healing

1591

01:06:43,809 --> 01:06:41,060

be taught and I've gotten a lot of flack

1592

01:06:45,520 --> 01:06:43,819

for that people yelling in my face and

1593

01:06:47,770 --> 01:06:45,530

stuff you like saying you're an idiot of

1594

01:06:49,210 --> 01:06:47,780

course it can be taught and I said well

1595

01:06:50,740 --> 01:06:49,220

if you have any evidence and of course

1596

01:06:54,280 --> 01:06:50,750

they say we don't need evidence and I

1597

01:06:56,050 --> 01:06:54,290

said well I'm scared of you that it it

1598

01:06:57,790 --> 01:06:56,060

turns out although most healers

1599

01:06:58,569 --> 01:06:57,800

virtually every healer has been taught

1600

01:07:02,170 --> 01:06:58,579

by someone

1601
01:07:03,520 --> 01:07:02,180
no one has pre post tests let me just

1602
01:07:06,700 --> 01:07:03,530
interject something here I mean it's

1603
01:07:10,089 --> 01:07:06,710
this is not like some money scam thing

1604
01:07:13,930 --> 01:07:10,099
this thing is 40 bucks on Amazon right

1605
01:07:16,030 --> 01:07:13,940
so it's not like you're really trying to

1606
01:07:19,420 --> 01:07:16,040
engage as many people as you can

1607
01:07:21,430 --> 01:07:19,430
obviously in this in this work and kind

1608
01:07:23,890 --> 01:07:21,440
of create this social experiment as well

1609
01:07:26,950 --> 01:07:23,900
right yeah it's interesting to me Kent

1610
01:07:28,690 --> 01:07:26,960
can someone not can someone listen to

1611
01:07:30,640 --> 01:07:28,700
this stuff learn the techniques and then

1612
01:07:33,130 --> 01:07:30,650
do it themselves I have a group in a

1613
01:07:36,370 --> 01:07:33,140

hospital I don't want to mention in in

1614

01:07:39,520 --> 01:07:36,380

in Delaware actually that are trying

1615

01:07:41,349 --> 01:07:39,530

this so they're in a particular division

1616

01:07:44,559 --> 01:07:41,359

of the hospital and they're there have a

1617

01:07:47,050 --> 01:07:44,569

group of people listening to the CDs and

1618

01:07:48,640 --> 01:07:47,060

then trying some healing sperms they're

1619

01:07:50,470 --> 01:07:48,650

starting simple with things on plants

1620

01:07:53,620 --> 01:07:50,480

and such but they're hoping to get to a

1621

01:07:56,740 --> 01:07:53,630

full-fledged experimental design with

1622

01:07:59,620 --> 01:07:56,750

with animals I have someone else about

1623

01:08:01,390 --> 01:07:59,630

to do an experiment at a at a medical

1624

01:08:03,160 --> 01:08:01,400

school I don't want to mention because I

1625

01:08:05,650 --> 01:08:03,170

don't know how aboveboard it is there

1626

01:08:09,250 --> 01:08:05,660

how much is hidden but a medical school

1627

01:08:11,559 --> 01:08:09,260

is about to try a replication of the my

1628

01:08:14,589 --> 01:08:11,569

stuff using the healing techniques

1629

01:08:16,510 --> 01:08:14,599

so whether healing can be taught and and

1630

01:08:17,710 --> 01:08:16,520

what is the pre post is

1631

01:08:19,690 --> 01:08:17,720

pretty interesting question I mean

1632

01:08:20,769 --> 01:08:19,700

that's among my publications to assert

1633

01:08:22,539 --> 01:08:20,779

answers your other questions

1634

01:08:25,150 --> 01:08:22,549

well well bill it's it's just an amazing

1635

01:08:27,099 --> 01:08:25,160

body of work we've only we've taken a

1636

01:08:28,720 --> 01:08:27,109

hour and 15 minutes here but we've

1637

01:08:30,789 --> 01:08:28,730

really really just scratched the surface

1638

01:08:33,910 --> 01:08:30,799

and as we've talked about there's so

1639

01:08:35,230 --> 01:08:33,920

many research possibilities out there we

1640

01:08:37,900 --> 01:08:35,240

just have to encourage everyone go out

1641

01:08:40,539 --> 01:08:37,910

get that tenure and then call Bill up in

1642

01:08:42,039 --> 01:08:40,549

the house yeah get a tenure up get

1643

01:08:43,090 --> 01:08:42,049

yourself tenure in a lab but I'll feed

1644

01:08:44,980 --> 01:08:43,100

you hundreds of research questions

1645

01:08:46,450 --> 01:08:44,990

because I don't have enough time to do

1646

01:08:48,640 --> 01:08:46,460

everything that needs to be done and

1647

01:08:50,530 --> 01:08:48,650

it's it's it's also interesting and

1648

01:08:52,900 --> 01:08:50,540

every time we do an experiment it never

1649

01:08:54,730 --> 01:08:52,910

comes out the way he expected to which

1650

01:08:57,280 --> 01:08:54,740

is the fun well it's been terrific

1651
01:08:58,950 --> 01:08:57,290
having you on thanks again so much for

1652
01:09:01,059 --> 01:08:58,960
joining me today thank you very much

1653
01:09:03,309 --> 01:09:01,069
thanks again to Bill Bengston for

1654
01:09:05,260 --> 01:09:03,319
joining me today on skeptic Oh a couple

1655
01:09:07,930 --> 01:09:05,270
of discussion questions arty up here

1656
01:09:11,079 --> 01:09:07,940
first is the how can it be questioned

1657
01:09:14,230 --> 01:09:11,089
how can such utter leer evolutionary

1658
01:09:16,990 --> 01:09:14,240
paradigm busting research fly underneath

1659
01:09:19,329 --> 01:09:17,000
the radar it seems to me that the Cancer

1660
01:09:22,000 --> 01:09:19,339
Research community or should I say the

1661
01:09:24,880 --> 01:09:22,010
cancer research industry needs to either

1662
01:09:27,550 --> 01:09:24,890
provide overwhelming evidence that the

1663
01:09:29,860 --> 01:09:27,560

peer-reviewed published research papers

1664

01:09:32,349 --> 01:09:29,870

of doctor Bankston aren't worth of paper

1665

01:09:35,170 --> 01:09:32,359

they're written on or roll up their

1666

01:09:37,990 --> 01:09:35,180

sleeves and get busy and figure out what

1667

01:09:40,510 --> 01:09:38,000

the heck he's doing here the second

1668

01:09:42,610 --> 01:09:40,520

question i tee up would really take us

1669

01:09:45,640 --> 01:09:42,620

in a completely different direction and

1670

01:09:49,000 --> 01:09:45,650

that is what is dr. Bankston telling us

1671

01:09:51,130 --> 01:09:49,010

about belief he's really going against

1672

01:09:53,530 --> 01:09:51,140

everything that we've been conditioned

1673

01:09:56,200 --> 01:09:53,540

to understand in terms of how belief

1674

01:09:58,960 --> 01:09:56,210

works how prayer works how the placebo

1675

01:10:01,630 --> 01:09:58,970

effect works he's got some interesting

1676

01:10:03,760 --> 01:10:01,640

theories on where that might lead us but

1677

01:10:06,040 --> 01:10:03,770

I'd like to hear your thoughts on what

1678

01:10:08,800 --> 01:10:06,050

you think his research tells us about

1679

01:10:11,200 --> 01:10:08,810

belief so if you'd like to connect with

1680

01:10:12,870 --> 01:10:11,210

me and/or the rest of the skeptical

1681

01:10:16,230 --> 01:10:12,880

community and discuss these questions

1682

01:10:21,340 --> 01:10:16,240

place to do it is the skeptic Oh website

1683

01:10:24,100 --> 01:10:21,350

@sk EPT lko calm you can connect to our

1684

01:10:25,810 --> 01:10:24,110

forum and link up with us there you can

1685

01:10:28,510 --> 01:10:25,820

leave comments directly on the website

1686

01:10:29,770 --> 01:10:28,520

or you can shoot off an email or a

1687

01:10:32,379 --> 01:10:29,780

Facebook note

1688

01:10:34,510 --> 01:10:32,389

me and will try and connect that way I

1689

01:10:36,970 --> 01:10:34,520

have many interesting skeptical shows

1690

01:10:39,879 --> 01:10:36,980

coming up the topics keep pouring in and

1691

01:10:42,100 --> 01:10:39,889

as always I just kind of go with my gut

1692

01:10:43,990 --> 01:10:42,110

in terms of following areas that I'm

1693

01:10:45,760 --> 01:10:44,000

interested in pursuing and it hopefully

1694

01:10:48,760 --> 01:10:45,770

it'll all come together into something

1695

01:10:51,580 --> 01:10:48,770

that makes sense and moves this dialogue

1696

01:10:54,010 --> 01:10:51,590

forward and as always I encourage you to

1697

01:10:55,930 --> 01:10:54,020

get involved in that process if you have

1698

01:10:58,479 --> 01:10:55,940

a topic that you're passionate about

1699

01:11:00,970 --> 01:10:58,489

that you think fits within the skeptical

1700

01:11:03,220 --> 01:11:00,980

framework send me an email and tell me

1701

01:11:05,319 --> 01:11:03,230

what you'd like to do to get that topic

1702

01:11:07,959 --> 01:11:05,329

covered I don't just need you to suggest

1703

01:11:10,180 --> 01:11:07,969

to guests I need you to roll up your

1704

01:11:12,490 --> 01:11:10,190

sleeves and get involved and figure out

1705

01:11:14,529 --> 01:11:12,500

how we make that happen and if you're

1706

01:11:16,899 --> 01:11:14,539

interested in getting involved in that

1707

01:11:18,660 --> 01:11:16,909

way and helping produce a show I'm

1708

01:11:20,950 --> 01:11:18,670

interested in helping you do that

1709

01:11:23,709 --> 01:11:20,960

skeptic Oh is designed to be a

1710

01:11:25,629 --> 01:11:23,719

collective community effort and I want

1711

01:11:28,180 --> 01:11:25,639

to encourage that as much as I can

1712

01:11:31,089 --> 01:11:28,190

well that's gonna do it for today for