



**DUMBEST EXPLANATION
YET FOR
NEAR DEATH EXPERIENCE**

DR. JIMO BORJIGIN

skeptiko.com

1
00:00:10,879 --> 00:00:08,720
on this episode of skeptic Oh Alex

2
00:00:13,220 --> 00:00:10,889
discusses new research linking brain

3
00:00:15,289 --> 00:00:13,230
burst and dying rats to near-death

4
00:00:17,570 --> 00:00:15,299
experience and looks back on his

5
00:00:20,570 --> 00:00:17,580
interviews with dr. Lachman Chava and

6
00:00:22,099 --> 00:00:20,580
science writer Jeff wise it's

7
00:00:23,480 --> 00:00:22,109
interesting that you referenced the

8
00:00:25,609 --> 00:00:23,490
near-death experience literature I've

9
00:00:27,920 --> 00:00:25,619
had a chance to interview some of the

10
00:00:30,140 --> 00:00:27,930
world's leading near-death experience

11
00:00:31,910 --> 00:00:30,150
researchers and gosh you know I've went

12
00:00:33,440 --> 00:00:31,920
back and talked to some about this and I

13
00:00:36,440 --> 00:00:33,450

wouldn't find any of them that would

14

00:00:37,700 --> 00:00:36,450

even seriously entertain that kind of

15

00:00:39,950 --> 00:00:37,710

speculation as a matter of fact

16

00:00:41,630 --> 00:00:39,960

privately one of them told me and this

17

00:00:44,180 --> 00:00:41,640

is pretty harsh but it said it's one of

18

00:00:47,990 --> 00:00:44,190

the dumbest explanations for near-death

19

00:00:50,240 --> 00:00:48,000

experience yet published so I guess I

20

00:00:51,979 --> 00:00:50,250

was really wondering exactly where

21

00:00:54,560 --> 00:00:51,989

you're coming from exactly what

22

00:00:57,979 --> 00:00:54,570

near-death experience research you've

23

00:01:00,049 --> 00:00:57,989

dug into that makes you feel like the

24

00:01:03,590 --> 00:01:00,059

speculation that you're talking about

25

00:01:07,160 --> 00:01:03,600

would fit the broader research that's

26
00:01:09,859 --> 00:01:07,170
been done into near-death experience so

27
00:01:11,890 --> 00:01:09,869
I mean I'm not a researcher and yet it's

28
00:01:15,679 --> 00:01:11,900
experiences that's not like primary

29
00:01:17,359 --> 00:01:15,689
scientific interest we are basically at

30
00:01:19,100 --> 00:01:17,369
the bedside taken care of very sick

31
00:01:23,570 --> 00:01:19,110
patients in the intensive care unit and

32
00:01:28,249 --> 00:01:23,580
I don't pretend to have any incredible

33
00:01:30,890 --> 00:01:28,259
insight into what these are or not but

34
00:01:33,499 --> 00:01:30,900
there's this huge disconnect here

35
00:01:35,630 --> 00:01:33,509
between the science media in to a

36
00:01:37,429 --> 00:01:35,640
certain extent the general population

37
00:01:40,429 --> 00:01:37,439
right in terms of just the published

38
00:01:43,340 --> 00:01:40,439

data okay yet any beliefs that I have or

39

00:01:44,899 --> 00:01:43,350

in fact just the published data like I

40

00:01:47,300 --> 00:01:44,909

just told you says that near-death

41

00:01:49,880 --> 00:01:47,310

experience is one or non hallucinatory

42

00:01:51,380 --> 00:01:49,890

okay and they're always perceived as

43

00:01:55,550 --> 00:01:51,390

being closer and there's this link

44

00:01:58,069 --> 00:01:55,560

that's made and it is so pronounced that

45

00:02:00,859 --> 00:01:58,079

I just have to wonder if there isn't

46

00:02:02,060 --> 00:02:00,869

something more going on well I don't

47

00:02:04,730 --> 00:02:02,070

know is our society hardline

48

00:02:06,289 --> 00:02:04,740

materialistic I mean I our science is

49

00:02:08,719 --> 00:02:06,299

right because that's the disconnect

50

00:02:11,240 --> 00:02:08,729

right the general population right about

51
00:02:12,589 --> 00:02:11,250
near-death experience and on Oprah or

52
00:02:12,980 --> 00:02:12,599
wherever and they're like wow you know

53
00:02:15,050 --> 00:02:12,990
that's

54
00:02:17,510 --> 00:02:15,060
really cool that really relates I know

55
00:02:19,910 --> 00:02:17,520
my uncle did that but when they turn to

56
00:02:21,740 --> 00:02:19,920
science right what they get is just the

57
00:02:22,940 --> 00:02:21,750
opposite yeah no no no no threading

58
00:02:24,380 --> 00:02:22,950
around the corner oh here it is

59
00:02:26,660 --> 00:02:24,390
this will probably explain it just let

60
00:02:28,370 --> 00:02:26,670
it let it play itself out here it is you

61
00:02:29,840 --> 00:02:28,380
know and and it's just not true

62
00:02:32,630 --> 00:02:29,850
this idea that a scientific theory is

63
00:02:35,660 --> 00:02:32,640

something that you know try to increase

64

00:02:37,190 --> 00:02:35,670

our understanding by proposing you know

65

00:02:38,450 --> 00:02:37,200

if we're making a prediction but what's

66

00:02:40,670 --> 00:02:38,460

really I think the thing that's often

67

00:02:43,280 --> 00:02:40,680

overlooked is that a theory requires a

68

00:02:47,060 --> 00:02:43,290

mechanism stay with us

69

00:02:57,970 --> 00:02:47,070

for skeptic Oh stay with us for skeptic

70

00:03:01,730 --> 00:03:00,230

welcome to skeptic oh where we explore

71

00:03:04,430 --> 00:03:01,740

controversial science but leading

72

00:03:06,500 --> 00:03:04,440

researchers thinkers and their critics

73

00:03:09,560 --> 00:03:06,510

I'm your host Aleksic Harrison on this

74

00:03:12,260 --> 00:03:09,570

episode near-death experience science

75

00:03:14,840 --> 00:03:12,270

and the media a couple of months ago

76
00:03:16,760 --> 00:03:14,850
there was a scientific study that came

77
00:03:19,310 --> 00:03:16,770
out of the University of Michigan that

78
00:03:21,470 --> 00:03:19,320
received a lot of media attention and I

79
00:03:24,290 --> 00:03:21,480
heard from a lot of skeptical listeners

80
00:03:27,710 --> 00:03:24,300
asking me about this it was a study that

81
00:03:30,950 --> 00:03:27,720
found a surge in electrical activity in

82
00:03:33,860 --> 00:03:30,960
the brains of dying rats and it offered

83
00:03:37,070 --> 00:03:33,870
this as a possible explanation for human

84
00:03:39,440 --> 00:03:37,080
near-death experiences now as we've seen

85
00:03:41,660 --> 00:03:39,450
in the past research supporting a

86
00:03:43,970 --> 00:03:41,670
conventional explanation for near-death

87
00:03:46,220 --> 00:03:43,980
experiences like this one does no matter

88
00:03:48,530 --> 00:03:46,230

how tentative or speculative the link

89

00:03:50,510 --> 00:03:48,540

those kind of reports receive a lot of

90

00:03:53,030 --> 00:03:50,520

attention from the mainstream science

91

00:03:54,800 --> 00:03:53,040

media the study was no exception the

92

00:03:58,100 --> 00:03:54,810

reports popping up all over the place

93

00:04:00,050 --> 00:03:58,110

BBC ABC CBS FOX National Geographic and

94

00:04:01,970 --> 00:04:00,060

I know because as I said many of you

95

00:04:03,800 --> 00:04:01,980

were forwarding these to me so I created

96

00:04:05,600 --> 00:04:03,810

a quick thread in The Skeptical forum

97

00:04:08,180 --> 00:04:05,610

and I link to an interview I had done

98

00:04:10,820 --> 00:04:08,190

while back with a researcher from George

99

00:04:14,480 --> 00:04:10,830

Washington University Medical Center but

100

00:04:16,789 --> 00:04:14,490

I wanted to in this show format provide

101

00:04:19,729 --> 00:04:16,799

an extended link and a little bit more

102

00:04:21,469 --> 00:04:19,739

discussion on that topic and then as I

103

00:04:23,540 --> 00:04:21,479

dug into this a little bit more I

104

00:04:26,240 --> 00:04:23,550

thought of another skeptic of show that

105

00:04:26,900 --> 00:04:26,250

I think also speaks to this and that's

106

00:04:30,530 --> 00:04:26,910

an inner

107

00:04:32,720 --> 00:04:30,540

you that I did back in May of 2010 with

108

00:04:34,700 --> 00:04:32,730

science journalist Jeff wise who I

109

00:04:37,760 --> 00:04:34,710

thought was very open and provided a

110

00:04:40,370 --> 00:04:37,770

interesting look into how this happens

111

00:04:41,810 --> 00:04:40,380

in terms of this snowball effect and how

112

00:04:44,270 --> 00:04:41,820

someone can kind of plant this little

113

00:04:45,920 --> 00:04:44,280

meme out there that hey there's this new

114

00:04:47,810 --> 00:04:45,930

study that explains near-death

115

00:04:50,720 --> 00:04:47,820

experience don't worry about it anymore

116

00:04:53,690 --> 00:04:50,730

and how that can just have this snowball

117

00:04:55,340 --> 00:04:53,700

effect in receive such momentum in the

118

00:04:58,040 --> 00:04:55,350

mainstream media so I'm going to include

119

00:05:01,520 --> 00:04:58,050

a clip from that interview in this show

120

00:05:02,690 --> 00:05:01,530

as well so first let's start with dr.

121

00:05:06,050 --> 00:05:02,700

Lach Muir chala

122

00:05:08,540 --> 00:05:06,060

who I interviewed in June of 2011 from

123

00:05:10,790 --> 00:05:08,550

George Washington University obviously a

124

00:05:13,190 --> 00:05:10,800

very bright guy I came across his work

125

00:05:15,290 --> 00:05:13,200

if you remember after talking with dr.

126

00:05:18,110 --> 00:05:15,300

Stuart Hameroff at the University of

127

00:05:20,330 --> 00:05:18,120

Arizona and he was hosting his annual

128

00:05:22,490 --> 00:05:20,340

consciousness research conference and

129

00:05:24,620 --> 00:05:22,500

had invited dr. Challa

130

00:05:26,960 --> 00:05:24,630

to talk because he thought this finding

131

00:05:29,300 --> 00:05:26,970

was important as you'll hear when I

132

00:05:32,630 --> 00:05:29,310

spoke with near-death experience

133

00:05:36,500 --> 00:05:32,640

researchers they didn't seem to think it

134

00:05:39,110 --> 00:05:36,510

was quite so important so here as I play

135

00:05:42,100 --> 00:05:39,120

this clip keep in mind that that this

136

00:05:44,780 --> 00:05:42,110

directly and I think very conclusively

137

00:05:47,180 --> 00:05:44,790

addresses this recent finding from the

138

00:05:49,670 --> 00:05:47,190

University of Michigan it's the exact

139

00:05:52,100 --> 00:05:49,680

same thing brain surge at death in

140

00:05:54,140 --> 00:05:52,110

challahs case he looked at human beings

141

00:05:57,560 --> 00:05:54,150

the University of Michigan they looked

142

00:06:00,050 --> 00:05:57,570

at rats the same thing the same blind

143

00:06:02,210 --> 00:06:00,060

spot it clearly does it link to

144

00:06:04,909 --> 00:06:02,220

near-death experience research for some

145

00:06:07,370 --> 00:06:04,919

very obvious and important reasons but

146

00:06:09,170 --> 00:06:07,380

of course if you're biased and looking

147

00:06:11,090 --> 00:06:09,180

for such a link because you know it has

148

00:06:13,550 --> 00:06:11,100

to exist because it supports the

149

00:06:15,760 --> 00:06:13,560

existing paradigm well then you're

150

00:06:18,710 --> 00:06:15,770

likely to find it at least that's my

151
00:06:21,230 --> 00:06:18,720
explanation for how a researcher can be

152
00:06:25,580 --> 00:06:21,240
led down this path here's the clip from

153
00:06:28,940 --> 00:06:25,590
episode 140 of skeptic Oh so dr. Challa

154
00:06:31,460 --> 00:06:28,950
in 2009 you published a paper with the

155
00:06:33,580 --> 00:06:31,470
surprising discovery that some of your

156
00:06:36,260 --> 00:06:33,590
patients who are very close to death

157
00:06:38,930 --> 00:06:36,270
experienced a final surge in brain

158
00:06:40,480 --> 00:06:38,940
activity and the paper has gained quite

159
00:06:42,790 --> 00:06:40,490
a bit of traction media

160
00:06:45,330 --> 00:06:42,800
mention mainly because of this quote of

161
00:06:48,640 --> 00:06:45,340
yours we think that near-death

162
00:06:51,189 --> 00:06:48,650
experiences could be caused by a surge

163
00:06:54,610 --> 00:06:51,199

of electrical energy as the brain runs

164

00:06:56,920 --> 00:06:54,620

out of oxygen so first I want to ask you

165

00:06:59,559 --> 00:06:56,930

you know it's been a while since that

166

00:07:01,960 --> 00:06:59,569

paper was published do you still think

167

00:07:04,809 --> 00:07:01,970

that what you saw has anything to do

168

00:07:06,909 --> 00:07:04,819

with near-death experience right so you

169

00:07:09,850 --> 00:07:06,919

know obviously all the patients in our

170

00:07:12,909 --> 00:07:09,860

study passed away so there's really no

171

00:07:15,879 --> 00:07:12,919

way for us to truly know if what these

172

00:07:17,920 --> 00:07:15,889

people were experiencing is in fact they

173

00:07:20,170 --> 00:07:17,930

had they survived been disfigured sure

174

00:07:22,270 --> 00:07:20,180

of a near-death experience but what we

175

00:07:24,100 --> 00:07:22,280

did notice which was very striking is

176

00:07:26,770 --> 00:07:24,110

that in all these patients and in this

177

00:07:29,170 --> 00:07:26,780

study we reported on seven patients for

178

00:07:32,790 --> 00:07:29,180

which we had very good documentation but

179

00:07:36,249 --> 00:07:32,800

we've seen these electrical surges of a

180

00:07:40,629 --> 00:07:36,259

EEG activity at the end of life and over

181

00:07:43,120 --> 00:07:40,639

52 now over a hundred patients and what

182

00:07:46,749 --> 00:07:43,130

we basically have hypothesized is that

183

00:07:49,300 --> 00:07:46,759

when people pass away something occurs

184

00:07:52,089 --> 00:07:49,310

in their neural structure we have a

185

00:07:54,370 --> 00:07:52,099

hypothesis for wadis maybe happening

186

00:07:57,029 --> 00:07:54,380

that causes this large intensity of

187

00:07:59,529 --> 00:07:57,039

electrical energy and what we basically

188

00:08:01,560 --> 00:07:59,539

hypothesized further and speculate is

189

00:08:03,520 --> 00:08:01,570

that if somebody was in the field

190

00:08:06,959 --> 00:08:03,530

someone who was having a heart attack

191

00:08:09,999 --> 00:08:06,969

for example and their heart stopped and

192

00:08:12,189 --> 00:08:10,009

the oxygen to their brain went down and

193

00:08:14,559 --> 00:08:12,199

they had this sort of terminal surge of

194

00:08:17,350 --> 00:08:14,569

energy and then they were resuscitated

195

00:08:20,320 --> 00:08:17,360

and brought back it's very likely they

196

00:08:23,529 --> 00:08:20,330

would recall that electrical surge and

197

00:08:25,870 --> 00:08:23,539

if they did recall that surge we

198

00:08:29,350 --> 00:08:25,880

hypothesized to speculate that that

199

00:08:31,689 --> 00:08:29,360

could be what people describe in their

200

00:08:33,339 --> 00:08:31,699

near-death experiences because the one

201
00:08:34,839 --> 00:08:33,349
thing that we have seen rather

202
00:08:37,329 --> 00:08:34,849
consistently when you read the

203
00:08:39,399 --> 00:08:37,339
literature of near-death experiences is

204
00:08:42,670 --> 00:08:39,409
that not everyone has the same industry

205
00:08:44,440 --> 00:08:42,680
not everyone has the same experience but

206
00:08:45,010 --> 00:08:44,450
the one thing that they all have in

207
00:08:47,139 --> 00:08:45,020
common

208
00:08:49,510 --> 00:08:47,149
is that the experience is very intense

209
00:08:52,720 --> 00:08:49,520
and very vivid and people can usually

210
00:08:54,160 --> 00:08:52,730
recall many many years later on with

211
00:08:58,600 --> 00:08:54,170
great detail

212
00:09:00,160 --> 00:08:58,610
what they experienced and so I it would

213
00:09:02,500 --> 00:09:00,170

take something that would be a very

214

00:09:04,509 --> 00:09:02,510

durable electable event of energy for

215

00:09:08,100 --> 00:09:04,519

someone to have that and so which put

216

00:09:11,530 --> 00:09:08,110

some motions to get there and arrived at

217

00:09:12,910 --> 00:09:11,540

batch speculation okay

218

00:09:14,949 --> 00:09:12,920

the event I just wanted to confirm that

219

00:09:16,269 --> 00:09:14,959

and it's interesting that you reference

220

00:09:18,400 --> 00:09:16,279

the near-death experience literature

221

00:09:20,439 --> 00:09:18,410

I've had a chance to interview some of

222

00:09:22,750 --> 00:09:20,449

the world's leading near-death

223

00:09:24,009 --> 00:09:22,760

experience researchers and gosh you know

224

00:09:26,050 --> 00:09:24,019

I've went back and talked to some of

225

00:09:28,329 --> 00:09:26,060

about this and I wouldn't find any of

226

00:09:30,519 --> 00:09:28,339

them that would even seriously entertain

227

00:09:32,860 --> 00:09:30,529

that kind of speculation as a matter of

228

00:09:34,240 --> 00:09:32,870

fact privately one of them told me and

229

00:09:36,699 --> 00:09:34,250

this is pretty harsh but it said it's

230

00:09:40,210 --> 00:09:36,709

one of the dumbest explanations for

231

00:09:42,550 --> 00:09:40,220

near-death experience yet published so I

232

00:09:44,949 --> 00:09:42,560

guess I was really wondering exactly

233

00:09:47,560 --> 00:09:44,959

where you're coming from exactly what

234

00:09:50,949 --> 00:09:47,570

near-death experience research you've

235

00:09:53,019 --> 00:09:50,959

dug into that makes you feel like the

236

00:09:56,590 --> 00:09:53,029

speculation that you're talking about

237

00:09:59,579 --> 00:09:56,600

would fit the broader research that's

238

00:10:02,800 --> 00:09:59,589

been done into near-death experience I

239

00:10:04,889 --> 00:10:02,810

mean I'm not a researcher in unit

240

00:10:08,650 --> 00:10:04,899

experiences that's not what I primary

241

00:10:10,329 --> 00:10:08,660

scientific interest we are basically at

242

00:10:12,100 --> 00:10:10,339

the bedside taking care of very sick

243

00:10:16,569 --> 00:10:12,110

patients in the intensive care unit and

244

00:10:20,350 --> 00:10:16,579

I don't pretend to have any incredible

245

00:10:23,170 --> 00:10:20,360

insight into what these are or not all

246

00:10:26,410 --> 00:10:23,180

we are saying from our group scientific

247

00:10:30,130 --> 00:10:26,420

standpoint is that we see a very

248

00:10:32,380 --> 00:10:30,140

consistent signature for patients when

249

00:10:34,329 --> 00:10:32,390

they're passing away and we are not the

250

00:10:35,920 --> 00:10:34,339

only investigators to report that this

251
00:10:38,620 --> 00:10:35,930
has now been investigated and reported

252
00:10:40,840 --> 00:10:38,630
by multiple investigators this is not

253
00:10:43,540 --> 00:10:40,850
artifact this is real electrical

254
00:10:45,819 --> 00:10:43,550
activity it's high frequency gamma wave

255
00:10:48,040 --> 00:10:45,829
activity at the minimum it could be

256
00:10:50,650 --> 00:10:48,050
higher frequency than that and the one

257
00:10:53,530 --> 00:10:50,660
thing which is abundantly clear is that

258
00:10:56,680 --> 00:10:53,540
this level of activity is coherent

259
00:10:58,660 --> 00:10:56,690
electrical activity this is not sort of

260
00:11:01,949 --> 00:10:58,670
you know slow theta wave activity this

261
00:11:06,340 --> 00:11:01,959
is not nothing so you know dying brain

262
00:11:07,269 --> 00:11:06,350
very sort of escape rhythm type of stuff

263
00:11:09,400 --> 00:11:07,279

so

264

00:11:12,309 --> 00:11:09,410

I don't know what's causing it we've

265

00:11:14,410 --> 00:11:12,319

speculated what might be because and I

266

00:11:16,300 --> 00:11:14,420

don't know if this is a nude experience

267

00:11:18,309 --> 00:11:16,310

or not I'm not saying it is or it isn't

268

00:11:23,549 --> 00:11:18,319

but I do believe that it's plausible

269

00:11:28,150 --> 00:11:23,559

that if someone has a very large

270

00:11:31,509 --> 00:11:28,160

coherent amount of activity and they are

271

00:11:35,319 --> 00:11:31,519

then awoken or awakened they're going to

272

00:11:38,769 --> 00:11:35,329

have a memory of that and that memory

273

00:11:41,619 --> 00:11:38,779

could be what people believe to be is a

274

00:11:43,449 --> 00:11:41,629

near-death experience and the one thing

275

00:11:45,819 --> 00:11:43,459

which we find rather consistent is that

276

00:11:47,980 --> 00:11:45,829

the level of energy associate with this

277

00:11:50,860 --> 00:11:47,990

is very high frequency and it's very

278

00:11:52,840 --> 00:11:50,870

intense if you look at the bismallah and

279

00:11:56,139 --> 00:11:52,850

the third line monitors for which these

280

00:11:59,290 --> 00:11:56,149

are measured it pretty much goes to the

281

00:12:01,540 --> 00:11:59,300

top of the scale it goes beyond or very

282

00:12:05,139 --> 00:12:01,550

close to the maximum capacity if the

283

00:12:08,619 --> 00:12:05,149

device can measure so I don't know what

284

00:12:12,999 --> 00:12:08,629

it is but I do think it's plausible that

285

00:12:14,670 --> 00:12:13,009

if someone has this and they recall it

286

00:12:16,809 --> 00:12:14,680

that they would recall a vivid memory

287

00:12:20,860 --> 00:12:16,819

whether that's an ippon experience or

288

00:12:23,199 --> 00:12:20,870

not I don't know right well let's just

289

00:12:24,610 --> 00:12:23,209

push that a little bit further and I

290

00:12:26,980 --> 00:12:24,620

appreciate where you're coming from that

291

00:12:29,139 --> 00:12:26,990

you know near-death experience is a hot

292

00:12:31,809 --> 00:12:29,149

topic something happens at the final

293

00:12:34,720 --> 00:12:31,819

stages of life I think it's easy to make

294

00:12:37,090 --> 00:12:34,730

that connection the pushback I hear from

295

00:12:39,759 --> 00:12:37,100

the near-death experience researchers

296

00:12:41,799 --> 00:12:39,769

and why they say wow that just doesn't

297

00:12:44,199 --> 00:12:41,809

really fit and we've been down that path

298

00:12:45,939 --> 00:12:44,209

before as a couple reasons but the main

299

00:12:47,829 --> 00:12:45,949

one is the timing you know the first

300

00:12:50,410 --> 00:12:47,839

thing they'll tell you is that while

301
00:12:53,319 --> 00:12:50,420
near-death experience has certainly been

302
00:12:55,449 --> 00:12:53,329
studied a lot in cardiac arrest patients

303
00:12:58,720 --> 00:12:55,459
because it eliminates a lot of the other

304
00:13:00,970 --> 00:12:58,730
variables it's not the only place where

305
00:13:02,769 --> 00:13:00,980
near-death experiences are reported the

306
00:13:04,210 --> 00:13:02,779
first thing that I heard back from the

307
00:13:06,669 --> 00:13:04,220
near-death experience researchers I

308
00:13:07,629 --> 00:13:06,679
talked to about your work is most people

309
00:13:10,179 --> 00:13:07,639
who report a near-death experience

310
00:13:14,230 --> 00:13:10,189
aren't that bad off they're not in that

311
00:13:16,749 --> 00:13:14,240
much of a medical emergency final stages

312
00:13:17,919 --> 00:13:16,759
kind of situation that you talk to heck

313
00:13:19,419 --> 00:13:17,929

there's even people who jump off the

314

00:13:21,620 --> 00:13:19,429

Golden Gate Bridge and don't have any

315

00:13:23,210 --> 00:13:21,630

real physical trauma going

316

00:13:25,100 --> 00:13:23,220

that have a near-death experience or

317

00:13:27,470 --> 00:13:25,110

people who are in the middle of a plane

318

00:13:28,040 --> 00:13:27,480

crash scenario that have a near-death

319

00:13:30,050 --> 00:13:28,050

experience

320

00:13:32,360 --> 00:13:30,060

so the literature when you get into

321

00:13:34,910 --> 00:13:32,370

near-death experience goes way beyond

322

00:13:37,310 --> 00:13:34,920

people in this medical situation but

323

00:13:40,370 --> 00:13:37,320

moreover this issue with the EEG becomes

324

00:13:42,110 --> 00:13:40,380

very interesting because we also have

325

00:13:44,000 --> 00:13:42,120

people in the near death experience

326

00:13:46,280 --> 00:13:44,010

literature case studies published in

327

00:13:48,830 --> 00:13:46,290

places like New England Journal Medicine

328

00:13:50,810 --> 00:13:48,840

all the right places to publish case

329

00:13:54,200 --> 00:13:50,820

studies where they've induced cardiac

330

00:13:56,660 --> 00:13:54,210

arrest and they know there's no EEG and

331

00:13:59,510 --> 00:13:56,670

yet there's the report of a near-death

332

00:14:02,600 --> 00:13:59,520

experience right so I guess it really

333

00:14:05,570 --> 00:14:02,610

comes down to your definition on what a

334

00:14:07,460 --> 00:14:05,580

near-death experience is or is it if

335

00:14:10,100 --> 00:14:07,470

you're driving a car and having a Mack

336

00:14:12,230 --> 00:14:10,110

truck nearly come and crush you and you

337

00:14:14,540 --> 00:14:12,240

avoid it and that's a near-death

338

00:14:16,010 --> 00:14:14,550

experience because you nearly died and I

339

00:14:18,140 --> 00:14:16,020

think that it all depends on what

340

00:14:19,790 --> 00:14:18,150

near-death means and what your

341

00:14:21,830 --> 00:14:19,800

definition of near that is I think

342

00:14:23,620 --> 00:14:21,840

that's an important distinction and I

343

00:14:25,960 --> 00:14:23,630

think that when we talk about near-death

344

00:14:28,190 --> 00:14:25,970

what we're talking about can vary

345

00:14:30,380 --> 00:14:28,200

patients who are undergoing anesthesia

346

00:14:32,810 --> 00:14:30,390

who have very bad events people we're

347

00:14:34,970 --> 00:14:32,820

getting psychoactive medications which

348

00:14:37,220 --> 00:14:34,980

is a part of critical care and a part of

349

00:14:39,620 --> 00:14:37,230

being in the operating room you can all

350

00:14:41,390 --> 00:14:39,630

have near-death experiences and they

351
00:14:43,940 --> 00:14:41,400
could have had very traumatic cases in

352
00:14:45,860 --> 00:14:43,950
which their hearts never stopped and so

353
00:14:47,960 --> 00:14:45,870
I think there is going to be enormous

354
00:14:50,810 --> 00:14:47,970
amount of heterogeneity and what a

355
00:14:52,970 --> 00:14:50,820
near-death experience is or isn't and in

356
00:14:54,950 --> 00:14:52,980
those cases I certainly agree that

357
00:14:57,530 --> 00:14:54,960
people can have things that they recall

358
00:15:00,440 --> 00:14:57,540
from the events but it's very hard

359
00:15:03,890 --> 00:15:00,450
because it's very rare for a person to

360
00:15:06,740 --> 00:15:03,900
die or nearly died and then be awoken

361
00:15:08,660 --> 00:15:06,750
within 15-20 minutes and you can say to

362
00:15:11,150 --> 00:15:08,670
them hey do you remember anything

363
00:15:14,810 --> 00:15:11,160

so not the nature of a recovery of a

364

00:15:17,330 --> 00:15:14,820

very severe near-death event so there's

365

00:15:21,710 --> 00:15:17,340

a lot of things that can go on between

366

00:15:24,640 --> 00:15:21,720

in events and the actual recall and I

367

00:15:27,910 --> 00:15:24,650

think that it's very hard to ascertain

368

00:15:30,430 --> 00:15:27,920

in any given individual if this

369

00:15:33,200 --> 00:15:30,440

electrical spike that we're describing

370

00:15:34,910 --> 00:15:33,210

speaks for a very particular type of

371

00:15:37,220 --> 00:15:34,920

recollection versus

372

00:15:40,100 --> 00:15:37,230

a more generic near-death experience and

373

00:15:44,449 --> 00:15:40,110

I think this is a testable hypothesis in

374

00:15:46,550 --> 00:15:44,459

fact but I do think that it's very hard

375

00:15:48,790 --> 00:15:46,560

because what your definition or one's

376

00:15:51,350 --> 00:15:48,800

definition of the native experience

377

00:15:54,050 --> 00:15:51,360

varies from investigator to investigator

378

00:15:58,639 --> 00:15:54,060

not really not all that much again this

379

00:16:01,129 --> 00:15:58,649

is NDE research 101 everyone nowadays

380

00:16:03,259 --> 00:16:01,139

uses something called the Grayson scale

381

00:16:06,350 --> 00:16:03,269

invented by Bruce grace and it's in a

382

00:16:09,439 --> 00:16:06,360

series of I think 7 or 12 questions and

383

00:16:11,930 --> 00:16:09,449

they rate how deep quote/unquote the

384

00:16:13,340 --> 00:16:11,940

near-death experience is so when we

385

00:16:15,980 --> 00:16:13,350

throw around the term near-death

386

00:16:17,810 --> 00:16:15,990

experience it really has at this point

387

00:16:20,870 --> 00:16:17,820

in the stage of the research a very

388

00:16:22,160 --> 00:16:20,880

specific set of features it's not really

389

00:16:24,650 --> 00:16:22,170

all over the board kind of like you're

390

00:16:26,660 --> 00:16:24,660

saying so I'm not really sure that that

391

00:16:28,610 --> 00:16:26,670

there is that much discrepancy in what

392

00:16:30,650 --> 00:16:28,620

is or what isn't a near-death experience

393

00:16:34,819 --> 00:16:30,660

in terms of the near-death experience

394

00:16:36,769 --> 00:16:34,829

literature literature and what the case

395

00:16:38,810 --> 00:16:36,779

definition is rate and I mean the case

396

00:16:41,420 --> 00:16:38,820

definition is that they all agree on

397

00:16:44,269 --> 00:16:41,430

what they're using to describe it what

398

00:16:47,240 --> 00:16:44,279

I'm saying is that everyone in our study

399

00:16:49,490 --> 00:16:47,250

died serious they all died

400

00:16:52,790 --> 00:16:49,500

and they all had this electrical spike

401
00:16:56,269 --> 00:16:52,800
and all I all we're suggesting is that

402
00:16:58,310 --> 00:16:56,279
people who survived who have this are

403
00:17:02,210 --> 00:16:58,320
likely to recall whatever that

404
00:17:05,809 --> 00:17:02,220
electrical energy is and that individual

405
00:17:08,990 --> 00:17:05,819
may recall that as an experience or as a

406
00:17:11,960 --> 00:17:09,000
memory that occurred as they died or

407
00:17:14,840 --> 00:17:11,970
nearly died that's all we're saying as

408
00:17:16,880 --> 00:17:14,850
I'm not suggesting that every person who

409
00:17:19,610 --> 00:17:16,890
has a near-death experience has to have

410
00:17:22,100 --> 00:17:19,620
this spike nor am I suggesting that this

411
00:17:24,620 --> 00:17:22,110
flight is the signature for all news

412
00:17:28,490 --> 00:17:24,630
experiences all we're proposing is that

413
00:17:31,430 --> 00:17:28,500

if this is recalled this could form a

414

00:17:34,130 --> 00:17:31,440

very strong memory and so it may

415

00:17:36,260 --> 00:17:34,140

represent a specific subtype of people's

416

00:17:38,120 --> 00:17:36,270

near-death experiences I'm not

417

00:17:40,310 --> 00:17:38,130

suggesting that this is the end-all

418

00:17:44,450 --> 00:17:40,320

be-all we don't have any kind of

419

00:17:45,950 --> 00:17:44,460

evidence to make that determination but

420

00:17:47,740 --> 00:17:45,960

I do think it's very interesting that

421

00:17:49,720 --> 00:17:47,750

people have this and

422

00:17:53,590 --> 00:17:49,730

I find further interesting is that

423

00:17:56,590 --> 00:17:53,600

animals when they're killed also have

424

00:17:59,380 --> 00:17:56,600

this electrical spike about 45 seconds

425

00:18:01,630 --> 00:17:59,390

to 60 seconds after death mm-hmm it is a

426

00:18:03,520 --> 00:18:01,640

surprising finding and it's an

427

00:18:05,440 --> 00:18:03,530

interesting finding it's also

428

00:18:07,960 --> 00:18:05,450

interesting to me though how the story

429

00:18:09,450 --> 00:18:07,970

kind of runs way ahead of itself as you

430

00:18:11,140 --> 00:18:09,460

say you know I think you're being very

431

00:18:13,090 --> 00:18:11,150

straightforward and I appreciate you

432

00:18:14,890 --> 00:18:13,100

kind of putting the spikes in the ground

433

00:18:17,230 --> 00:18:14,900

in terms of what you would sign up for

434

00:18:19,210 --> 00:18:17,240

and what you wouldn't the story has kind

435

00:18:20,590 --> 00:18:19,220

of taken on a life of its own and it

436

00:18:22,690 --> 00:18:20,600

seems like this happens over and over

437

00:18:24,970 --> 00:18:22,700

again when near-death experience is

438

00:18:26,890 --> 00:18:24,980

thrown into the mix and we have some

439

00:18:29,020 --> 00:18:26,900

kind of conventional explanation for it

440

00:18:32,080 --> 00:18:29,030

we get a lot of traction behind those

441

00:18:33,940 --> 00:18:32,090

ideas even if they haven't been I don't

442

00:18:36,730 --> 00:18:33,950

know research quite as fully as we'd all

443

00:18:39,250 --> 00:18:36,740

like any thoughts on that well I mean I

444

00:18:41,170 --> 00:18:39,260

I've interviewed and spoken to many

445

00:18:42,610 --> 00:18:41,180

people about this and I think it's

446

00:18:45,130 --> 00:18:42,620

dramatically determines of what the

447

00:18:47,020 --> 00:18:45,140

person's predisposition is if I have

448

00:18:49,870 --> 00:18:47,030

this competition with an atheist the

449

00:18:51,820 --> 00:18:49,880

atheist tells me that you have proven

450

00:18:54,760 --> 00:18:51,830

that these needed experiences are not

451
00:18:57,100 --> 00:18:54,770
divine intervention and you have given

452
00:18:59,320 --> 00:18:57,110
evidence for the fact that there is no

453
00:19:01,540 --> 00:18:59,330
God and when I speak to very religious

454
00:19:03,760 --> 00:19:01,550
people they tell me that I have measured

455
00:19:07,570 --> 00:19:03,770
the soul leaving the body and it's a

456
00:19:09,400 --> 00:19:07,580
divine event that we are capturing and

457
00:19:12,580 --> 00:19:09,410
experiencing and being able to observe

458
00:19:15,940 --> 00:19:12,590
and I think that those two assessments

459
00:19:17,890 --> 00:19:15,950
are wildly off-base and you have two

460
00:19:23,700 --> 00:19:17,900
sets of people looking at the exact same

461
00:19:27,790 --> 00:19:23,710
data creating the exact opposite

462
00:19:29,980 --> 00:19:27,800
conclusion and you know all we can say

463
00:19:33,250 --> 00:19:29,990

is that we have an interesting finding

464

00:19:36,970 --> 00:19:33,260

we don't know what it is and what we

465

00:19:40,240 --> 00:19:36,980

strongly believe is that that when

466

00:19:43,750 --> 00:19:40,250

people pass away there is little to no

467

00:19:46,300 --> 00:19:43,760

research in this arena as compared to

468

00:19:47,860 --> 00:19:46,310

letting molecular biology we simply

469

00:19:51,100 --> 00:19:47,870

don't study it in a very thoughtful

470

00:19:53,400 --> 00:19:51,110

fashion because this is a time where

471

00:19:57,520 --> 00:19:53,410

it's usually reserved for hospice and

472

00:19:59,230 --> 00:19:57,530

Families and comfort care and what we're

473

00:20:00,730 --> 00:19:59,240

suggesting is that there may be

474

00:20:01,190 --> 00:20:00,740

something to be learned at the end of

475

00:20:03,200 --> 00:20:01,200

life

476

00:20:04,850 --> 00:20:03,210

they may shine a light on what is

477

00:20:06,980 --> 00:20:04,860

something that's very important to the

478

00:20:08,899 --> 00:20:06,990

stakeholders which is our patients

479

00:20:11,149 --> 00:20:08,909

because our patients care very deeply

480

00:20:15,139 --> 00:20:11,159

about what happens when they die as I

481

00:20:17,840 --> 00:20:15,149

would argue most people and what this is

482

00:20:21,259 --> 00:20:17,850

or isn't I don't know but I do know that

483

00:20:24,769 --> 00:20:21,269

the finding is intriguing and it may

484

00:20:26,450 --> 00:20:24,779

explain some patients recollections but

485

00:20:29,779 --> 00:20:26,460

I certainly don't suggest that it

486

00:20:32,960 --> 00:20:29,789

explains everyone's and there is a very

487

00:20:37,700 --> 00:20:32,970

wide group of people who have arrived on

488

00:20:40,100 --> 00:20:37,710

a huge post and set of conclusions on a

489

00:20:43,310 --> 00:20:40,110

seven-person case study to think it's

490

00:20:45,529 --> 00:20:43,320

highly premature so our view is that we

491

00:20:46,720 --> 00:20:45,539

have an interesting finding and whenever

492

00:20:49,009 --> 00:20:46,730

you have an interesting observation

493

00:20:51,740 --> 00:20:49,019

generally what we do is sign this is

494

00:20:53,539 --> 00:20:51,750

study it in more detail to understand

495

00:20:56,899 --> 00:20:53,549

what it is and what it is and I think

496

00:21:01,129 --> 00:20:56,909

that for the near-death experience

497

00:21:03,049 --> 00:21:01,139

researchers who are you know looking at

498

00:21:04,639 --> 00:21:03,059

these data and saying oh you know

499

00:21:07,820 --> 00:21:04,649

everyone say it's this that or the other

500

00:21:09,740 --> 00:21:07,830

I would say let's study it right but I'm

501
00:21:12,080 --> 00:21:09,750
not sure that they're saying this that

502
00:21:14,029 --> 00:21:12,090
or the other they're saying okay let's

503
00:21:16,730 --> 00:21:14,039
take your finding let's take your data

504
00:21:18,799 --> 00:21:16,740
and very logically try and fit it into

505
00:21:20,419 --> 00:21:18,809
the rest of the data that we have and

506
00:21:23,299 --> 00:21:20,429
they're saying you know what this

507
00:21:25,549 --> 00:21:23,309
doesn't really add much to the story

508
00:21:27,529 --> 00:21:25,559
that we already have because we have so

509
00:21:28,909 --> 00:21:27,539
many cases that would contradict the

510
00:21:30,529 --> 00:21:28,919
kind of conclusion that you're coming to

511
00:21:32,539 --> 00:21:30,539
that this is somehow a near-death

512
00:21:33,980 --> 00:21:32,549
experience and the contradiction is that

513
00:21:36,889 --> 00:21:33,990

you know we have too many people that

514

00:21:39,889 --> 00:21:36,899

have this continuous memory of their

515

00:21:43,009 --> 00:21:39,899

entire process of being in the hospital

516

00:21:44,870 --> 00:21:43,019

then going under and then leaving their

517

00:21:46,190 --> 00:21:44,880

body I mean hey not to mention let me

518

00:21:47,690 --> 00:21:46,200

just throw that out there I don't want

519

00:21:49,340 --> 00:21:47,700

to get into too many of the details of

520

00:21:51,080 --> 00:21:49,350

the near-death experience research

521

00:21:54,080 --> 00:21:51,090

because I know that's not your thing but

522

00:21:56,450 --> 00:21:54,090

the most profound part of the near-death

523

00:21:59,210 --> 00:21:56,460

experience research is this out-of-body

524

00:22:01,310 --> 00:21:59,220

experience this ability to see things

525

00:22:03,139 --> 00:22:01,320

from a vantage point outside their body

526

00:22:05,360 --> 00:22:03,149

to hear things from a vantage point

527

00:22:08,149 --> 00:22:05,370

outside of their body and of course this

528

00:22:09,830 --> 00:22:08,159

has been reported repeatedly in case

529

00:22:11,549 --> 00:22:09,840

studies and they've tried to replicate

530

00:22:15,610 --> 00:22:11,559

it in other work but

531

00:22:18,340 --> 00:22:15,620

there's no way to connect the OBE part

532

00:22:20,200 --> 00:22:18,350

of the of the near-death experience to

533

00:22:22,990 --> 00:22:20,210

your data but there's also no way to

534

00:22:26,080 --> 00:22:23,000

connect that like I said the EEG data

535

00:22:28,060 --> 00:22:26,090

that they have to your research so I

536

00:22:29,529 --> 00:22:28,070

don't think it's it's a lot of people

537

00:22:31,570 --> 00:22:29,539

coming to conclusions they're just

538

00:22:33,549 --> 00:22:31,580

saying like they've said in the past

539

00:22:35,799 --> 00:22:33,559

when people have come up with a said oh

540

00:22:37,269 --> 00:22:35,809

it's probably a lack of oxygen it's

541

00:22:39,039 --> 00:22:37,279

probably fear of death and then they've

542

00:22:40,629 --> 00:22:39,049

gone and done the work and said you know

543

00:22:42,340 --> 00:22:40,639

that doesn't really fit and that's what

544

00:22:43,899 --> 00:22:42,350

I hear I'm saying again you know what

545

00:22:46,049 --> 00:22:43,909

this is an interesting surprising

546

00:22:48,490 --> 00:22:46,059

finding but it doesn't really add much

547

00:22:51,340 --> 00:22:48,500

to the research we've already done ended

548

00:22:53,440 --> 00:22:51,350

near-death experience okay so next I

549

00:22:57,009 --> 00:22:53,450

want to play for you the second clip I

550

00:22:59,019 --> 00:22:57,019

was talking about from episode 103 of

551

00:23:02,259 --> 00:22:59,029

skeptic oh and my interview with Jeff

552

00:23:05,440 --> 00:23:02,269

wise this interview came about after a

553

00:23:08,940 --> 00:23:05,450

similar kind of flurry of activity in

554

00:23:12,220 --> 00:23:08,950

the science media about a study came out

555

00:23:15,629 --> 00:23:12,230

suggesting a link between the carbon

556

00:23:19,000 --> 00:23:15,639

dioxide level of blood and near-death

557

00:23:22,180 --> 00:23:19,010

experiences now this was exceptionally

558

00:23:25,389 --> 00:23:22,190

sloppy reporting not on the part of mr.

559

00:23:26,710 --> 00:23:25,399

wise because as you'll hear he didn't

560

00:23:28,480 --> 00:23:26,720

know any better he was just kind of

561

00:23:30,009 --> 00:23:28,490

following the crowd and following the

562

00:23:31,840 --> 00:23:30,019

people that he thought he should trust

563

00:23:34,060 --> 00:23:31,850

the scientist who he thought whatever

564

00:23:36,789 --> 00:23:34,070

reasonable handle on this but the reason

565

00:23:39,490 --> 00:23:36,799

it was so egregious was there is so much

566

00:23:42,779 --> 00:23:39,500

published work among the near-death

567

00:23:45,250 --> 00:23:42,789

experience researchers that conclusively

568

00:23:48,070 --> 00:23:45,260

contradicted this idea that near-death

569

00:23:50,049 --> 00:23:48,080

experience is related to co2 levels in

570

00:23:52,240 --> 00:23:50,059

the blood you gotta know this is one of

571

00:23:53,500 --> 00:23:52,250

the first things that they look at so

572

00:23:56,259 --> 00:23:53,510

you can go back and look at research

573

00:23:58,659 --> 00:23:56,269

published ten I think even 15 years ago

574

00:24:00,669 --> 00:23:58,669

that conclusively shows hey we looked

575

00:24:03,340 --> 00:24:00,679

for you know lack of oxygen in the blood

576

00:24:05,560 --> 00:24:03,350

that's not it and they repeated this

577

00:24:07,659 --> 00:24:05,570

over and over and over again yet it's an

578

00:24:10,060 --> 00:24:07,669

explanation that was kind of backdoored

579

00:24:12,610 --> 00:24:10,070

into this study and then trumpeted by

580

00:24:14,950 --> 00:24:12,620

the science media in fact if you listen

581

00:24:16,330 --> 00:24:14,960

to some folks notably I was just

582

00:24:19,000 --> 00:24:16,340

listening to interview the other day

583

00:24:21,009 --> 00:24:19,010

with Professor Chris French who many

584

00:24:22,990 --> 00:24:21,019

still think of as this open-minded

585

00:24:24,740 --> 00:24:23,000

skeptic but who is really just this

586

00:24:27,230 --> 00:24:24,750

ultra somewhat me

587

00:24:28,790 --> 00:24:27,240

a savvy skeptic in the UK and he was

588

00:24:30,950 --> 00:24:28,800

throwing this out there again you know

589

00:24:33,320 --> 00:24:30,960

co2 levels in the blood he was throwing

590

00:24:35,060 --> 00:24:33,330

out the the Steve novella kind of thing

591

00:24:37,370 --> 00:24:35,070

well it it's kind of a lot of

592

00:24:39,860 --> 00:24:37,380

combination of different things and one

593

00:24:42,800 --> 00:24:39,870

of them is co2 levels in the blood never

594

00:24:46,100 --> 00:24:42,810

mind that this smorgasbord approach is

595

00:24:48,500 --> 00:24:46,110

exactly the opposite of a good medical

596

00:24:51,140 --> 00:24:48,510

explanation for a phenomena that's been

597

00:24:54,290 --> 00:24:51,150

reported across a wide variety of

598

00:24:56,270 --> 00:24:54,300

conditions but maybe i'm sidetracking us

599

00:24:59,390 --> 00:24:56,280

a little bit too much let's hear from

600

00:25:02,210 --> 00:24:59,400

Jeff wise as to why he felt compelled to

601
00:25:05,660 --> 00:25:02,220
publish his story linking near-death

602
00:25:07,430 --> 00:25:05,670
experience to co2 levels that's

603
00:25:09,560 --> 00:25:07,440
fascinating and that kind of ties into

604
00:25:11,120 --> 00:25:09,570
what I wanted to talk about in this

605
00:25:12,740 --> 00:25:11,130
research if you're right on target and I

606
00:25:15,980 --> 00:25:12,750
thought it was so interesting because

607
00:25:18,800 --> 00:25:15,990
the one this nde research was widely

608
00:25:20,780 --> 00:25:18,810
reported and I'm glad that that you

609
00:25:22,580 --> 00:25:20,790
reported on it in particular with your

610
00:25:24,920 --> 00:25:22,590
background and with the book extreme

611
00:25:28,100 --> 00:25:24,930
fear there's some interesting tie-ins

612
00:25:29,750 --> 00:25:28,110
but here's the real problem I have with

613
00:25:32,240 --> 00:25:29,760

it is that all those things you're

614

00:25:34,190 --> 00:25:32,250

talking about are great and wonderful

615

00:25:35,930 --> 00:25:34,200

they just don't relate to near-death

616

00:25:37,820 --> 00:25:35,940

experience I mean there's several

617

00:25:40,790 --> 00:25:37,830

problems with this research I mean first

618

00:25:42,800 --> 00:25:40,800

of all it's it's relatively small it's a

619

00:25:45,200 --> 00:25:42,810

small little study a graphic correlation

620

00:25:47,090 --> 00:25:45,210

isn't that strong contradicts earlier

621

00:25:49,490 --> 00:25:47,100

research that looked at co2 in the blood

622

00:25:52,490 --> 00:25:49,500

okay but here's the real kicker and it's

623

00:25:54,590 --> 00:25:52,500

what relates to again the work that

624

00:25:56,480 --> 00:25:54,600

you've done and both in your personal

625

00:25:58,730 --> 00:25:56,490

experience and adventure travel and

626

00:26:01,220 --> 00:25:58,740

about your book right and that's that

627

00:26:03,370 --> 00:26:01,230

the media has this perception that the

628

00:26:05,720 --> 00:26:03,380

near-death experience is about

629

00:26:08,000 --> 00:26:05,730

hallucination right it's about all these

630

00:26:11,330 --> 00:26:08,010

experiences are all these symptoms that

631

00:26:12,620 --> 00:26:11,340

are associated with lack of oxygen in

632

00:26:14,150 --> 00:26:12,630

the blood which is what this

633

00:26:16,760 --> 00:26:14,160

what does which is what this research is

634

00:26:18,890 --> 00:26:16,770

really about the elevated co2 levels are

635

00:26:20,870 --> 00:26:18,900

really a byproduct of not getting enough

636

00:26:23,180 --> 00:26:20,880

oxygen in the blood as you point out

637

00:26:25,220 --> 00:26:23,190

quite correctly in your blog well if you

638

00:26:27,470 --> 00:26:25,230

look at near-death experience research

639

00:26:29,720 --> 00:26:27,480

which is well established now for 20

640

00:26:32,060 --> 00:26:29,730

years right what we find is exactly the

641

00:26:35,480 --> 00:26:32,070

opposite people who have a near-death

642

00:26:38,570 --> 00:26:35,490

experience have an increased level of

643

00:26:40,250 --> 00:26:38,580

lucidity an increased level of awareness

644

00:26:41,889 --> 00:26:40,260

you know the most recent research that

645

00:26:44,930 --> 00:26:41,899

we reported on here were they

646

00:26:48,649 --> 00:26:44,940

interviewed extensively a thousand

647

00:26:50,180 --> 00:26:48,659

near-death experiencers 76% of them said

648

00:26:53,539 --> 00:26:50,190

that their experience during the

649

00:26:56,029 --> 00:26:53,549

near-death experience was more conscious

650

00:26:57,740 --> 00:26:56,039

than their everyday life right and the

651

00:27:00,169 --> 00:26:57,750

data that they report is not

652

00:27:01,940 --> 00:27:00,179

hallucinatory at all ninety-eight

653

00:27:04,130 --> 00:27:01,950

percent of the data that they report is

654

00:27:06,620 --> 00:27:04,140

realistic and real if you have a dream

655

00:27:08,330 --> 00:27:06,630

and you see you know you're in a car and

656

00:27:10,490 --> 00:27:08,340

then suddenly the car turns into a lion

657

00:27:12,889 --> 00:27:10,500

or yeah and it's you know these are

658

00:27:15,560 --> 00:27:12,899

hallucinations don't occur in the

659

00:27:17,870 --> 00:27:15,570

near-death experience so I mean I sense

660

00:27:22,100 --> 00:27:17,880

that you're is an issue here that's

661

00:27:23,779 --> 00:27:22,110

bothering you which is that my report

662

00:27:28,060 --> 00:27:23,789

and many of the reports in the media

663

00:27:31,100 --> 00:27:28,070

took an essentially materialistic view

664

00:27:34,039 --> 00:27:31,110

although all the reports in the media so

665

00:27:36,830 --> 00:27:34,049

and it wasn't that hard to really fun I

666

00:27:38,690 --> 00:27:36,840

mean if you look at one step beyond or

667

00:27:40,250 --> 00:27:38,700

that the first step of good reporting is

668

00:27:42,049 --> 00:27:40,260

you know what are the experts in the

669

00:27:44,870 --> 00:27:42,059

field say hey the the near-death

670

00:27:47,060 --> 00:27:44,880

experience research experts the people

671

00:27:49,730 --> 00:27:47,070

like Bruce Grayson at the University of

672

00:27:51,110 --> 00:27:49,740

Virginia or dr. Jeffery long at the

673

00:27:53,690 --> 00:27:51,120

near-death experience Research

674

00:27:55,639 --> 00:27:53,700

Foundation they were quick to kind of

675

00:27:56,930 --> 00:27:55,649

deal with this and they did it in a nice

676

00:27:59,180 --> 00:27:56,940

way but they said there's there's

677

00:28:01,909 --> 00:27:59,190

nothing here that contradicts earlier

678

00:28:04,000 --> 00:28:01,919

studies it's very small and the main

679

00:28:06,950 --> 00:28:04,010

point is we've already looked at

680

00:28:08,539 --> 00:28:06,960

cerebral epoxy which is what this is all

681

00:28:10,850 --> 00:28:08,549

about okay and there isn't anything

682

00:28:12,769 --> 00:28:10,860

there right this thing gets this thing

683

00:28:15,590 --> 00:28:12,779

just explodes in the media because it

684

00:28:17,509 --> 00:28:15,600

taps into I think what a lot of folks

685

00:28:19,370 --> 00:28:17,519

want to believe which is that our

686

00:28:21,560 --> 00:28:19,380

consciousness is totally tied to our

687

00:28:22,970 --> 00:28:21,570

brain and it's totally tied to fear and

688

00:28:24,620 --> 00:28:22,980

it's which is the other thing this is

689

00:28:26,480 --> 00:28:24,630

tapping into is that it's a fear of

690

00:28:28,940 --> 00:28:26,490

death thing that's totally been debunked

691

00:28:31,460 --> 00:28:28,950

and refuted but that you know persists

692

00:28:35,870 --> 00:28:31,470

right well you know there's a there's a

693

00:28:37,730 --> 00:28:35,880

huge I mean I see I I see that your

694

00:28:42,220 --> 00:28:37,740

trouble with this and my and with my

695

00:28:45,470 --> 00:28:42,230

reporting is really has to do with the

696

00:28:48,220 --> 00:28:45,480

interface between two kind of

697

00:28:51,049 --> 00:28:48,230

conflicting worldviews on the one hand

698

00:28:52,520 --> 00:28:51,059

the midst and you stop me if I'm if I'm

699

00:28:54,530 --> 00:28:52,530

completely off base here but

700

00:28:56,600 --> 00:28:54,540

on the one hand you've got the view of

701
00:29:01,460 --> 00:28:56,610
the human spirit as a kind of an

702
00:29:06,380 --> 00:29:01,470
essential thing that is sort of not

703
00:29:09,500 --> 00:29:06,390
rooted in an underlying physical

704
00:29:11,210 --> 00:29:09,510
mechanism that can be explained in

705
00:29:14,750 --> 00:29:11,220
strictly material terms on the other

706
00:29:17,350 --> 00:29:14,760
hand you have this kind of you know I

707
00:29:19,400 --> 00:29:17,360
don't want to say post enlightenment but

708
00:29:21,020 --> 00:29:19,410
well why not what's called post leymah

709
00:29:24,680 --> 00:29:21,030
this idea that like the world can be

710
00:29:28,010 --> 00:29:24,690
kind of understood a you know as a

711
00:29:31,700 --> 00:29:28,020
system of interacting particles and

712
00:29:34,610 --> 00:29:31,710
forces and that you know so the

713
00:29:37,970 --> 00:29:34,620

psychology particularly in the last I

714

00:29:39,790 --> 00:29:37,980

don't know 20 or 30 years you know post

715

00:29:44,440 --> 00:29:39,800

you know since the downfall of Freud

716

00:29:49,100 --> 00:29:44,450

essentially has been an attempt to find

717

00:29:52,910 --> 00:29:49,110

mechanical corollaries to every aspect

718

00:29:55,100 --> 00:29:52,920

of human consciousness and and so I will

719

00:29:58,820 --> 00:29:55,110

plead guilty I mean I essentially you

720

00:30:01,220 --> 00:29:58,830

and I are coming at this issue from from

721

00:30:03,290 --> 00:30:01,230

different camps I think whereas I

722

00:30:06,320 --> 00:30:03,300

because I'm perceiving that you are

723

00:30:09,380 --> 00:30:06,330

maybe someone in humans soul is an

724

00:30:11,960 --> 00:30:09,390

immortal essence I like to take all that

725

00:30:14,240 --> 00:30:11,970

stuff out of it and because I think that

726

00:30:17,690 --> 00:30:14,250

you know the philosophical implications

727

00:30:20,720 --> 00:30:17,700

and the lack of kind of a theoretical

728

00:30:23,570 --> 00:30:20,730

basis for how consciousness could

729

00:30:26,450 --> 00:30:23,580

survive bodily death right is wide open

730

00:30:28,460 --> 00:30:26,460

and opens up a million questions but I

731

00:30:31,070 --> 00:30:28,470

think the starting point has to be with

732

00:30:33,110 --> 00:30:31,080

how do we do good science and how do we

733

00:30:36,890 --> 00:30:33,120

do good science reporting and I'm not

734

00:30:38,720 --> 00:30:36,900

trying to call you out here because you

735

00:30:41,090 --> 00:30:38,730

write a blog every day for Psychology

736

00:30:42,830 --> 00:30:41,100

Today write it this obviously tapped

737

00:30:45,830 --> 00:30:42,840

into a lot of the topics that you're

738

00:30:47,630 --> 00:30:45,840

interested in and you didn't handle it

739

00:30:50,150 --> 00:30:47,640

you handle it better than most of the

740

00:30:52,790 --> 00:30:50,160

people that I've read about right but

741

00:30:55,370 --> 00:30:52,800

there's this huge disconnect here

742

00:30:57,500 --> 00:30:55,380

between the science media and to a

743

00:30:59,300 --> 00:30:57,510

certain extent the general population

744

00:31:02,300 --> 00:30:59,310

right in terms of just the published

745

00:31:05,210 --> 00:31:02,310

data okay yet any beliefs that I have or

746

00:31:06,470 --> 00:31:05,220

in fact just the published data like I

747

00:31:08,540 --> 00:31:06,480

just told you says that

748

00:31:11,180 --> 00:31:08,550

near death experiences one our non

749

00:31:12,770 --> 00:31:11,190

hallucinatory okay and they're always

750

00:31:16,100 --> 00:31:12,780

perceived as being closer and there's

751

00:31:19,040 --> 00:31:16,110

this link that's made and it is so

752

00:31:22,160 --> 00:31:19,050

pronounced that I just have to wonder if

753

00:31:25,970 --> 00:31:22,170

there isn't something more going on just

754

00:31:28,850 --> 00:31:25,980

in terms of the need for our society to

755

00:31:31,760 --> 00:31:28,860

reinforce and kind of prop up this

756

00:31:33,590 --> 00:31:31,770

hardline materialism even when the data

757

00:31:35,180 --> 00:31:33,600

doesn't support it well I don't know is

758

00:31:38,150 --> 00:31:35,190

our society hardline materialistic I

759

00:31:39,830 --> 00:31:38,160

mean I our science is right because

760

00:31:41,840 --> 00:31:39,840

that's the disconnect right the general

761

00:31:44,210 --> 00:31:41,850

population hears about near-death

762

00:31:45,680 --> 00:31:44,220

experience and on Oprah or wherever and

763

00:31:47,900 --> 00:31:45,690

they're like wow you know that's really

764

00:31:50,450 --> 00:31:47,910

cool that really relates I know my uncle

765

00:31:52,940 --> 00:31:50,460

did that but when they turn to science

766

00:31:54,770 --> 00:31:52,950

right what they get is just the opposite

767

00:31:55,520 --> 00:31:54,780

yeah no no no no right around the corner

768

00:31:56,960 --> 00:31:55,530

oh here it is

769

00:31:59,240 --> 00:31:56,970

this will probably explain it just let

770

00:32:01,370 --> 00:31:59,250

it let it play itself out here it is you

771

00:32:02,390 --> 00:32:01,380

know and it's just not true and this

772

00:32:05,840 --> 00:32:02,400

idea that a scientific theory is

773

00:32:09,460 --> 00:32:05,850

something that you know tries to

774

00:32:11,840 --> 00:32:09,470

increase our understanding by proposing

775

00:32:14,500 --> 00:32:11,850

you know if we're making a prediction by

776
00:32:17,810 --> 00:32:14,510
saying okay well we're going to say that

777
00:32:19,280 --> 00:32:17,820
you know the earth is orbits around the

778
00:32:22,010 --> 00:32:19,290
Sun therefore we would expect to see

779
00:32:24,290 --> 00:32:22,020
this moat this motion of the planets or

780
00:32:25,670 --> 00:32:24,300
something like that what's really I

781
00:32:28,130 --> 00:32:25,680
think the thing that's often overlooked

782
00:32:31,550 --> 00:32:28,140
is that a theory requires a mechanism

783
00:32:33,890 --> 00:32:31,560
and this is why Freud ultimately I think

784
00:32:35,810 --> 00:32:33,900
was cast aside because Freud had a lot

785
00:32:37,310 --> 00:32:35,820
of interesting ideas and suppositions

786
00:32:39,620 --> 00:32:37,320
about how the brain worked but he never

787
00:32:41,810 --> 00:32:39,630
offered any mechanisms and so we're

788
00:32:43,250 --> 00:32:41,820

entering an age and I think what you're

789

00:32:44,840 --> 00:32:43,260

saying is true is that more and more

790

00:32:47,270 --> 00:32:44,850

you're seeing a materialistic

791

00:32:50,300 --> 00:32:47,280

mechanistic view of human psychology

792

00:32:51,650 --> 00:32:50,310

coming to the fore which is very much

793

00:32:54,950 --> 00:32:51,660

out of sync I think with the popular

794

00:32:56,690 --> 00:32:54,960

culture but it's not a sync with - it's

795

00:32:58,940 --> 00:32:56,700

not a sync with popular physics

796

00:33:01,370 --> 00:32:58,950

I mean quantum physics which is what

797

00:33:04,100 --> 00:33:01,380

runs your TV and your GPS system and all

798

00:33:05,960 --> 00:33:04,110

that the they they don't even have any

799

00:33:08,720 --> 00:33:05,970

kind of sense of materialism I mean it's

800

00:33:10,880 --> 00:33:08,730

so long gone from that that it doesn't

801
00:33:13,460 --> 00:33:10,890
but that's a whole other top yeah as is

802
00:33:15,440 --> 00:33:13,470
Freud which I would have to interject

803
00:33:17,330 --> 00:33:15,450
this kind of a hot button for me I mean

804
00:33:19,340 --> 00:33:17,340
really I think we moved away from Freud

805
00:33:20,210 --> 00:33:19,350
because he was completely discredited as

806
00:33:23,060 --> 00:33:20,220
a fraud I mean

807
00:33:26,000 --> 00:33:23,070
he published fraudulent research for

808
00:33:28,399 --> 00:33:26,010
patients that he never really saw and if

809
00:33:31,250 --> 00:33:28,409
that work was done today we wouldn't

810
00:33:33,799 --> 00:33:31,260
even be so delicate and parsing you know

811
00:33:36,169 --> 00:33:33,809
why and how you know his theories might

812
00:33:37,730 --> 00:33:36,179
not hold up we just say he's a frog we

813
00:33:39,770 --> 00:33:37,740

shouldn't follow it we shouldn't take

814

00:33:41,210 --> 00:33:39,780

seriously anything he said you know I

815

00:33:42,770 --> 00:33:41,220

recently ran across a statement by

816

00:33:44,600 --> 00:33:42,780

somebody who was writing about science

817

00:33:47,380 --> 00:33:44,610

and said you know we need to keep

818

00:33:49,690 --> 00:33:47,390

politics out of science and that that

819

00:33:53,690 --> 00:33:49,700

starting me is funny because to me

820

00:33:56,510 --> 00:33:53,700

science in a way is politics you an idea

821

00:33:58,520 --> 00:33:56,520

doesn't become accepted because on its

822

00:34:01,880 --> 00:33:58,530

own merit it becomes accepted because

823

00:34:03,230 --> 00:34:01,890

people form consensus about it I think

824

00:34:05,140 --> 00:34:03,240

what you're talking about here with the

825

00:34:09,700 --> 00:34:05,150

regarding to near-death experiences is

826

00:34:13,280 --> 00:34:09,710

that you feel that on a scientific forum

827

00:34:15,260 --> 00:34:13,290

your your view of it is in the minority

828

00:34:17,210 --> 00:34:15,270

and that you're not getting a fair shake

829

00:34:22,369 --> 00:34:17,220

you feel like you're your research is

830

00:34:24,829 --> 00:34:22,379

not given its due and you know in a way

831

00:34:26,599 --> 00:34:24,839

it's just like let me fine tune that

832

00:34:28,159 --> 00:34:26,609

there can I appreciate you two playing

833

00:34:30,139 --> 00:34:28,169

this out for me because I realize you

834

00:34:32,210 --> 00:34:30,149

know this is not exactly where were you

835

00:34:34,609 --> 00:34:32,220

coming from or where you've gone in it a

836

00:34:37,250 --> 00:34:34,619

couple episodes back I interviewed dr.

837

00:34:38,780 --> 00:34:37,260

Jeff long the guy who published the most

838

00:34:41,389 --> 00:34:38,790

comprehensive near-death experience

839

00:34:43,040 --> 00:34:41,399

research to date hey his his book shot

840

00:34:45,560 --> 00:34:43,050

to the New York Times bestseller list

841

00:34:47,659 --> 00:34:45,570

within eight days of publication so we

842

00:34:49,550 --> 00:34:47,669

can't say that there's this massive

843

00:34:52,310 --> 00:34:49,560

conspiracy to hold back this information

844

00:34:55,310 --> 00:34:52,320

now it's out there right when I notice

845

00:34:57,260 --> 00:34:55,320

and what I was trying to just dialogue

846

00:34:59,210 --> 00:34:57,270

with you a little bit about is that when

847

00:35:02,450 --> 00:34:59,220

we turn to science and we turn to

848

00:35:05,750 --> 00:35:02,460

science journalism there's a different

849

00:35:08,660 --> 00:35:05,760

code and the code is applied with this

850

00:35:11,810 --> 00:35:08,670

invisible hand and that is that you're

851

00:35:14,900 --> 00:35:11,820

gonna stick to this line and you're not

852

00:35:17,930 --> 00:35:14,910

going to venture out and say these other

853

00:35:19,760 --> 00:35:17,940

things that do point to all those

854

00:35:21,170 --> 00:35:19,770

spiritual aspects and all that but

855

00:35:23,720 --> 00:35:21,180

you're not even going to go there

856

00:35:26,720 --> 00:35:23,730

because you're going to be viewed as

857

00:35:28,820 --> 00:35:26,730

being unscientific and it's such a

858

00:35:30,740 --> 00:35:28,830

contradiction because as we as I pointed

859

00:35:32,089 --> 00:35:30,750

out in this case the science really

860

00:35:34,130 --> 00:35:32,099

points the other direction

861

00:35:34,490 --> 00:35:34,140

you know III that's not what it feels

862

00:35:36,860 --> 00:35:34,500

like from

863

00:35:40,760 --> 00:35:36,870

my perspective I mean to me it feels

864

00:35:42,560 --> 00:35:40,770

like look I I near-death experience is

865

00:35:43,520 --> 00:35:42,570

something that I I'm interested in as I

866

00:35:45,830 --> 00:35:43,530

started to say earlier you know I've

867

00:35:50,000 --> 00:35:45,840

been gathering string on various

868

00:35:51,980 --> 00:35:50,010

phenomena related to mortal danger and

869

00:35:54,080 --> 00:35:51,990

it's one you know I put in my blog like

870

00:35:55,760 --> 00:35:54,090

I've never experienced my life flashing

871

00:35:58,820 --> 00:35:55,770

in front of me and I'm not really even

872

00:36:00,320 --> 00:35:58,830

sure what it's like I know is it like

873

00:36:02,930 --> 00:36:00,330

watching a movie is it like watching a

874

00:36:04,670 --> 00:36:02,940

slide show but at any rate it's

875

00:36:06,440 --> 00:36:04,680

interesting to me but I've only

876

00:36:08,300 --> 00:36:06,450

tangentially touched on it so basically

877

00:36:10,790 --> 00:36:08,310

you're talking to a guy who ran across

878

00:36:12,890 --> 00:36:10,800

this study tried to tie it into what he

879

00:36:16,010 --> 00:36:12,900

already knew about carbon dioxide levels

880

00:36:17,990 --> 00:36:16,020

in the blood and panic and so forth so I

881

00:36:20,600 --> 00:36:18,000

don't know this other research that

882

00:36:25,460 --> 00:36:20,610

you're talking about but can you mention

883

00:36:27,800 --> 00:36:25,470

these guys who claim that you know I

884

00:36:29,930 --> 00:36:27,810

guess they've found evidence that you

885

00:36:32,300 --> 00:36:29,940

know that near-death experiences could

886

00:36:35,660 --> 00:36:32,310

not be explained through materialistic

887

00:36:38,540 --> 00:36:35,670

explanations and so forth it's not that

888

00:36:41,540 --> 00:36:38,550

I'm afraid to look into it but it

889

00:36:44,000 --> 00:36:41,550

doesn't really fit into my schema for

890

00:36:45,800 --> 00:36:44,010

how I basically have come to conclude

891

00:36:47,810 --> 00:36:45,810

the world works so it's not it's not

892

00:36:53,000 --> 00:36:47,820

fear so much as kind of it doesn't

893

00:36:56,330 --> 00:36:53,010

really mesh into how I believe the world

894

00:36:57,440 --> 00:36:56,340

fundamentally works and I think that's

895

00:37:00,910 --> 00:36:57,450

and I so I think that's really the

896

00:37:03,980 --> 00:37:00,920

problem if you're if you're trying to

897

00:37:07,250 --> 00:37:03,990

propose a theory or a view of a

898

00:37:12,110 --> 00:37:07,260

phenomenon that is radically at odds

899

00:37:15,980 --> 00:37:12,120

with how listening mainstream science

900

00:37:17,480 --> 00:37:15,990

views the operation of the world you

901
00:37:19,760 --> 00:37:17,490
know not to say it's impossible I mean

902
00:37:21,740 --> 00:37:19,770
that's how real profound revolutions

903
00:37:23,090 --> 00:37:21,750
take place hold on Jeff because I think

904
00:37:25,280 --> 00:37:23,100
you were going one direction where I'd

905
00:37:28,100 --> 00:37:25,290
completely agree with you and that is

906
00:37:32,780 --> 00:37:28,110
that when we propose things in science

907
00:37:35,030 --> 00:37:32,790
that go against our observed world our

908
00:37:36,560 --> 00:37:35,040
five senses I think it makes us

909
00:37:38,180 --> 00:37:36,570
uncomfortable and I think that's what

910
00:37:40,430 --> 00:37:38,190
you're alluding to at the same time

911
00:37:42,140 --> 00:37:40,440
that's the challenge of the of the times

912
00:37:44,680 --> 00:37:42,150
we live in and the challenge of the

913
00:37:47,500 --> 00:37:44,690

science reporter is virtually all

914

00:37:49,810 --> 00:37:47,510

science at this point go

915

00:37:52,180 --> 00:37:49,820

beyond what we experienced in the world

916

00:37:55,320 --> 00:37:52,190

everything that has everything since

917

00:37:58,870 --> 00:37:55,330

Einstein yeah contradicts our

918

00:38:01,690 --> 00:37:58,880

experiential existence right so the

919

00:38:04,240 --> 00:38:01,700

whole I still don't understand how time

920

00:38:07,450 --> 00:38:04,250

it can be nonlinear you know I mean

921

00:38:09,520 --> 00:38:07,460

tonight to me is linear yesterday today

922

00:38:11,920 --> 00:38:09,530

and there's tomorrow but I have to

923

00:38:13,510 --> 00:38:11,930

accept that theoretically you know time

924

00:38:15,220 --> 00:38:13,520

is not linear and that time and space

925

00:38:17,140 --> 00:38:15,230

have this relationship that I don't

926

00:38:19,450 --> 00:38:17,150

understand the same is true with

927

00:38:21,580 --> 00:38:19,460

consciousness the data is in it's clear

928

00:38:23,560 --> 00:38:21,590

it's unambiguous in some way that we

929

00:38:25,420 --> 00:38:23,570

don't understand because we don't really

930

00:38:28,000 --> 00:38:25,430

even understand consciousness we don't

931

00:38:29,020 --> 00:38:28,010

understand it at all yeah but in some

932

00:38:31,120 --> 00:38:29,030

way we can understand consciousness

933

00:38:34,210 --> 00:38:31,130

survives death uh-oh

934

00:38:36,640 --> 00:38:34,220

I can I can say I don't understand that

935

00:38:39,010 --> 00:38:36,650

I don't know that but I can look at the

936

00:38:41,170 --> 00:38:39,020

data scientifically and say yep that's

937

00:38:42,940 --> 00:38:41,180

what the data says I think that that's

938

00:38:45,010 --> 00:38:42,950

perhaps where I would part ways with you

939

00:38:47,230 --> 00:38:45,020

is that the data doesn't say that I mean

940

00:38:48,970 --> 00:38:47,240

I don't I know that your your listeners

941

00:38:52,810 --> 00:38:48,980

are probably very well acquainted with

942

00:38:54,460 --> 00:38:52,820

the data but so I don't want to like

943

00:38:56,920 --> 00:38:54,470

discuss whether the data is legit or not

944

00:38:58,870 --> 00:38:56,930

but to sort of explain you know from my

945

00:39:00,040 --> 00:38:58,880

point of view and I think you wanted to

946

00:39:02,620 --> 00:39:00,050

talk to me to sort of talk to somebody

947

00:39:05,470 --> 00:39:02,630

who is on the other side of this debate

948

00:39:07,180 --> 00:39:05,480

and and kind of get a sense of why well

949

00:39:08,560 --> 00:39:07,190

I do that all the time I do that all the

950

00:39:10,240 --> 00:39:08,570

time I talk to all the research was to

951
00:39:12,040 --> 00:39:10,250
run the other side of it's okay I I

952
00:39:14,800 --> 00:39:12,050
appreciate everything you said already

953
00:39:16,840 --> 00:39:14,810
what I really wanted to tap into is as a

954
00:39:17,950 --> 00:39:16,850
science reporter how you deal with it

955
00:39:19,930 --> 00:39:17,960
and you've done a fair job

956
00:39:22,810 --> 00:39:19,940
I hear you're saying it doesn't fit with

957
00:39:25,450 --> 00:39:22,820
your worldview and it and therefore the

958
00:39:28,090 --> 00:39:25,460
data would be a huge leap you can't dig

959
00:39:30,160 --> 00:39:28,100
into every topic that you come across so

960
00:39:33,850 --> 00:39:30,170
you basically have to stick with what's

961
00:39:34,270 --> 00:39:33,860
the kind of a commonly accepted view of

962
00:39:35,860 --> 00:39:34,280
things

963
00:39:38,230 --> 00:39:35,870

now what's commonly accepted but what's

964

00:39:40,600 --> 00:39:38,240

accepted by me you know the when we

965

00:39:42,880 --> 00:39:40,610

approach the world it's a very

966

00:39:43,750 --> 00:39:42,890

interesting question to me why we find

967

00:39:45,460 --> 00:39:43,760

something interesting

968

00:39:48,100 --> 00:39:45,470

we're filled with you know of all the

969

00:39:50,710 --> 00:39:48,110

things that we could you know look at

970

00:39:53,620 --> 00:39:50,720

turn our attention to listen to think

971

00:39:58,630 --> 00:39:53,630

about we selectively narrow down to a

972

00:40:00,130 --> 00:39:58,640

very small subset and I you know I think

973

00:40:01,300 --> 00:40:00,140

the answer to that question is that

974

00:40:03,490 --> 00:40:01,310

we're interested in things

975

00:40:04,630 --> 00:40:03,500

that makes sense in the context of

976
00:40:08,590 --> 00:40:04,640
everything else that we know but that's

977
00:40:09,790 --> 00:40:08,600
novel it's new so it has to do things

978
00:40:11,500 --> 00:40:09,800
that are boring than we see every day we

979
00:40:13,300 --> 00:40:11,510
don't we're not interested and things

980
00:40:15,400 --> 00:40:13,310
that completely don't make any sense or

981
00:40:17,950 --> 00:40:15,410
we can't possibly have to completely

982
00:40:19,180 --> 00:40:17,960
deconstruct our entire worldview in

983
00:40:20,410 --> 00:40:19,190
order to incorporate them those things

984
00:40:23,170 --> 00:40:20,420
also aren't anything I think you're

985
00:40:24,790 --> 00:40:23,180
right okay there you have it a look back

986
00:40:27,610 --> 00:40:24,800
on a couple of interviews that I think

987
00:40:29,320 --> 00:40:27,620
perhaps shed some new light on current

988
00:40:30,880 --> 00:40:29,330

research and of course the way science

989

00:40:33,910 --> 00:40:30,890

is dealing with this research on

990

00:40:35,950 --> 00:40:33,920

near-death experience so that is I guess

991

00:40:38,230 --> 00:40:35,960

the question that I would tea up from

992

00:40:39,940 --> 00:40:38,240

this interview we've just taken a look

993

00:40:41,950 --> 00:40:39,950

back on a couple of interviews that are

994

00:40:45,790 --> 00:40:41,960

at least two years old and here we are

995

00:40:49,180 --> 00:40:45,800

in 2013 and we can point to exactly the

996

00:40:51,820 --> 00:40:49,190

same thing happening in terms of even

997

00:40:53,860 --> 00:40:51,830

research being recycled as I think it is

998

00:40:56,770 --> 00:40:53,870

and in terms of the University of

999

00:40:59,680 --> 00:40:56,780

Michigan study and certainly the same

1000

00:41:02,200 --> 00:40:59,690

pattern happening in the media in terms

1001
00:41:04,270 --> 00:41:02,210
of blowing up any story that offers a

1002
00:41:06,790 --> 00:41:04,280
conventional explanation for near-death

1003
00:41:08,710 --> 00:41:06,800
experience so the question is has

1004
00:41:12,160 --> 00:41:08,720
science moved towards accepting

1005
00:41:14,140 --> 00:41:12,170
near-death experience science do you see

1006
00:41:16,890 --> 00:41:14,150
any real movement in this direction or

1007
00:41:19,120 --> 00:41:16,900
is it just the same old story of

1008
00:41:21,940 --> 00:41:19,130
acceptance among the quote unquote

1009
00:41:25,060 --> 00:41:21,950
spiritual crowd but no real movement

1010
00:41:26,830 --> 00:41:25,070
within mainstream science so those are

1011
00:41:28,930 --> 00:41:26,840
some thoughts to chew on I'd love to

1012
00:41:31,210 --> 00:41:28,940
hear from you hear your opinions on that

1013
00:41:35,860 --> 00:41:31,220

of course the place to do that is in the

1014

00:41:37,870 --> 00:41:35,870

skeptical format ske PTI ke o comm where

1015

00:41:39,910 --> 00:41:37,880

you can link on over the forum or right

1016

00:41:42,340 --> 00:41:39,920

there on the website where you can add a

1017

00:41:44,530 --> 00:41:42,350

comment love to hear from you love to

1018

00:41:47,290 --> 00:41:44,540

dialogue with you and hear different

1019

00:41:49,030 --> 00:41:47,300

opinions on these topics it's great to

1020

00:41:50,770 --> 00:41:49,040

see new people come into the forum

1021

00:41:52,810 --> 00:41:50,780

people sometimes leave the forum and

1022

00:41:54,520 --> 00:41:52,820

then come back a lot later or leave

1023

00:41:56,680 --> 00:41:54,530

comments and then you won't see them for

1024

00:41:58,150 --> 00:41:56,690

a year and then they pop up again but I

1025

00:42:00,940 --> 00:41:58,160

think that's a natural part of the

1026

00:42:03,070 --> 00:42:00,950

process it certainly was and is for me

1027

00:42:05,410 --> 00:42:03,080

in terms of trying to get my arms around

1028

00:42:07,690 --> 00:42:05,420

new information there's a lot of popping

1029

00:42:10,810 --> 00:42:07,700

in and out that we do and revisiting

1030

00:42:12,760 --> 00:42:10,820

things and I hope that skeptic oh is one

1031

00:42:14,769 --> 00:42:12,770

of those resources that you can

1032

00:42:16,929 --> 00:42:14,779

occasionally touch back on

1033

00:42:18,939 --> 00:42:16,939

and see where we're at and in that same

1034

00:42:21,880 --> 00:42:18,949

spirit I hope you'll invite others to

1035

00:42:24,969 --> 00:42:21,890

come dip their toe into the skeptical

1036

00:42:26,499 --> 00:42:24,979

waters and see what they find so that's

1037

00:42:28,839 --> 00:42:26,509

going to do it for this episode I have a

1038

00:42:30,549 --> 00:42:28,849

number of episodes coming up again

1039

00:42:33,099 --> 00:42:30,559

they're kind of piling up it's a little

1040

00:42:35,589 --> 00:42:33,109

bit too much for me to promise to get a

1041

00:42:37,870 --> 00:42:35,599

new episode out every week especially

1042

00:42:40,029 --> 00:42:37,880

with new material that's why I kind of

1043

00:42:42,069 --> 00:42:40,039

popped this one in there that allowed me

1044

00:42:44,349 --> 00:42:42,079

to kind of republish some old material

1045

00:42:47,469 --> 00:42:44,359

but we'll just have to see how it goes

1046

00:42:49,169 --> 00:42:47,479

in terms of getting out new shows glad

1047

00:42:52,359 --> 00:42:49,179

you're with me hope you stick around