

**THE
SKEPTIC
ZONE
PODCAST**

www.skepticzone.tv

1
00:00:09,100 --> 00:00:05,940

[Music]

2
00:00:11,830 --> 00:00:09,110

welcome to the skeptic zone the podcast

3
00:00:13,910 --> 00:00:11,840

from Australia for science and reason

4
00:00:16,840 --> 00:00:13,920

[Music]

5
00:00:22,200 --> 00:00:16,850

[Applause]

6
00:00:25,120 --> 00:00:22,210

[Music]

7
00:00:29,380 --> 00:00:25,130

hello and welcome to the skeptics own

8
00:00:32,950 --> 00:00:29,390

podcast episode number 441 for the

9
00:00:36,390 --> 00:00:32,960

second of april 2017 Richard Saunders

10
00:00:40,720 --> 00:00:36,400

here with you from Sydney Australia gray

11
00:00:42,610 --> 00:00:40,730

overcast not so hot today mr. sort of

12
00:00:46,600 --> 00:00:42,620

the weather I like really a bit of rain

13
00:00:49,720 --> 00:00:46,610

lately bit of rain I think we're in for

14

00:00:53,740 --> 00:00:49,730

some more we had a bit of rain a couple

15

00:00:56,740 --> 00:00:53,750

of nights ago when men are Lara benim

16

00:00:59,500 --> 00:00:56,750

and I have ventured out to see Brian

17

00:01:02,170 --> 00:00:59,510

Greene the physicist talk here in Sydney

18

00:01:03,880 --> 00:01:02,180

it was they think ink event was downtown

19

00:01:06,310 --> 00:01:03,890

Sydney and there was a howling gale

20

00:01:09,100 --> 00:01:06,320

you'll hear some of that coming up as we

21

00:01:13,719 --> 00:01:09,110

visit me think ink event in here Brian

22

00:01:18,070 --> 00:01:13,729

Greene talk about Wow stars the fate of

23

00:01:21,280 --> 00:01:18,080

the universe time travel are we all

24

00:01:24,040 --> 00:01:21,290

Holograms went on and on it was an

25

00:01:26,859 --> 00:01:24,050

incredible talk what an interesting talk

26
00:01:29,469 --> 00:01:26,869
Maynard was there with his microphone to

27
00:01:31,930 --> 00:01:29,479
cover the flavor of the night you'll get

28
00:01:33,880 --> 00:01:31,940
a little bit of a sample what it was

29
00:01:35,529 --> 00:01:33,890
like but more importantly you'll hear

30
00:01:39,340 --> 00:01:35,539
from the people who were there what they

31
00:01:41,529 --> 00:01:39,350
thought of this fascinating scientist

32
00:01:43,870 --> 00:01:41,539
and thank you to the good people at

33
00:01:45,609 --> 00:01:43,880
think inc are we in in fact i think may

34
00:01:48,460 --> 00:01:45,619
not we'll be interviewing desh from

35
00:01:51,400 --> 00:01:48,470
think inc during his report all that is

36
00:01:53,350 --> 00:01:51,410
coming up a bit later on in the show but

37
00:01:55,930 --> 00:01:53,360
before we get to Brian Greene we've got

38
00:01:58,600 --> 00:01:55,940

Shelley stop and take stock thanks doc

39

00:02:01,089 --> 00:01:58,610

with Shelley stockin she's going to be

40

00:02:04,690 --> 00:02:01,099

reviewing a report on the skeptics

41

00:02:07,980 --> 00:02:04,700

website about paleo Pete Pete Evans now

42

00:02:11,920 --> 00:02:07,990

he has been criticized for his a

43

00:02:14,230 --> 00:02:11,930

somewhat irresponsible shall we say

44

00:02:19,570 --> 00:02:14,240

comments about health and medicine he's

45

00:02:21,280 --> 00:02:19,580

a celebrity TV chef pete evans and we're

46

00:02:24,520 --> 00:02:21,290

going to be reviewing what he said he

47

00:02:28,059 --> 00:02:24,530

went on TV to try and justify his more

48

00:02:30,460 --> 00:02:28,069

contentious opinions shelley stockin

49

00:02:33,130 --> 00:02:30,470

will give us her opinion on Pete Evans

50

00:02:34,160 --> 00:02:33,140

that's at the top of the show also

51

00:02:36,410 --> 00:02:34,170

coming up

52

00:02:39,020 --> 00:02:36,420

ever we have brouhaha from Australia

53

00:02:40,940 --> 00:02:39,030

science TV this week we're looking at

54

00:02:43,850 --> 00:02:40,950

natural disasters and cyclones and

55

00:02:46,070 --> 00:02:43,860

things with Ben Lewis then to round off

56

00:02:47,570 --> 00:02:46,080

the show more about a story we brought

57

00:02:50,270 --> 00:02:47,580

you last week I think it was about

58

00:02:54,740 --> 00:02:50,280

orgone energy in there are all going to

59

00:02:58,220 --> 00:02:54,750

fix Jiro cleanse this is the block of

60

00:03:02,180 --> 00:02:58,230

resin you plug into the wall and it does

61

00:03:04,460 --> 00:03:02,190

nothing more background and a report

62

00:03:06,860 --> 00:03:04,470

from the skeptics about that particular

63

00:03:09,530 --> 00:03:06,870

device coming up to round off the

64

00:03:12,380 --> 00:03:09,540

skeptic zone but before we get stuck

65

00:03:15,949 --> 00:03:12,390

into any of that a big congratulations

66

00:03:18,650 --> 00:03:15,959

to me now to our reporter who last night

67

00:03:22,070 --> 00:03:18,660

at the Castaway podcast Awards here in

68

00:03:24,520 --> 00:03:22,080

Sydney won his category for the planet

69

00:03:27,470 --> 00:03:24,530

Maynard podcasts at manor calm today you

70

00:03:29,559 --> 00:03:27,480

yes planet may not podcasts a number one

71

00:03:31,490 --> 00:03:29,569

in comedy and entertainment

72

00:03:34,309 --> 00:03:31,500

congratulations may not I was there on

73

00:03:37,370 --> 00:03:34,319

the night to um actually I was there as

74

00:03:39,349 --> 00:03:37,380

Maynard sidekick last night doing a lot

75

00:03:41,960 --> 00:03:39,359

of video work for me now and I was such

76

00:03:44,030 --> 00:03:41,970

a rush such a pleasure to be there and

77

00:03:47,060 --> 00:03:44,040

to hear maynards name being called out

78

00:03:51,080 --> 00:03:47,070

in fact why don't we hear that right now

79

00:03:55,250 --> 00:03:51,090

so I'm with the awards the finalists in

80

00:03:59,479 --> 00:03:55,260

this category we fact up planet Maynard

81

00:04:03,590 --> 00:03:59,489

and the genie show and now hopefully

82

00:04:05,300 --> 00:04:03,600

assistant and Oscar's the winner of the

83

00:04:06,800 --> 00:04:05,310

comedy and entertainment category is

84

00:04:13,690 --> 00:04:06,810

planet Manor

85

00:04:23,830 --> 00:04:13,700

[Applause]

86

00:04:30,710 --> 00:04:26,360

it's so exciting been giving this plan

87

00:04:33,200 --> 00:04:30,720

ABC employee was the duty disbelievers

88

00:04:35,270 --> 00:04:33,210

podcast they described as overproduced

89

00:04:39,530 --> 00:04:35,280

and self-indulgence I said have you

90

00:04:42,100 --> 00:04:39,540

heard that 7 o's your drive show and the

91

00:04:45,380 --> 00:04:42,110

produced and self-indulgent but anyway

92

00:04:48,260 --> 00:04:45,390

I'd like to thank not so much god but

93

00:04:50,870 --> 00:04:48,270

the trilogy the Holy Trinity are adam

94

00:04:54,230 --> 00:04:50,880

curry from the no agenda show i Richard

95

00:04:57,680 --> 00:04:54,240

Saunders from the skeptics are John Cena

96

00:05:00,920 --> 00:04:57,690

boric also from the no agenda show and

97

00:05:02,840 --> 00:05:00,930

also basically the gini show and all

98

00:05:04,340 --> 00:05:02,850

fact up the other people in the category

99

00:05:08,270 --> 00:05:04,350

they were fantastic they should have won

100

00:05:11,930 --> 00:05:08,280

this is a mistake and people say well

101
00:05:17,360 --> 00:05:11,940
how did you win that basically get in

102
00:05:21,630 --> 00:05:17,370
the first year any awards going after

103
00:05:23,340 --> 00:05:21,640
that they tend to go of it thank you

104
00:05:31,010 --> 00:05:23,350
[Applause]

105
00:05:34,950 --> 00:05:32,770
political reasons

106
00:05:40,540 --> 00:05:34,960
[Laughter]

107
00:05:44,960 --> 00:05:42,440
congratulations to all the finalists and

108
00:05:47,210 --> 00:05:44,970
especially the winner of the 2017 passed

109
00:05:52,400 --> 00:05:47,220
away comedy and entertainment award

110
00:05:55,160 --> 00:05:52,410
Maynard from Planet Manor well here we

111
00:05:56,750 --> 00:05:55,170
are at the after party here in Cleveland

112
00:05:59,720 --> 00:05:56,760
through it it's all a bit wild I'm

113
00:06:02,120 --> 00:05:59,730

hoping to go over to the victoria park

114

00:06:04,100 --> 00:06:02,130

pool and be naked there later fairly

115

00:06:05,930 --> 00:06:04,110

shortly swimming around because I bloody

116

00:06:08,780 --> 00:06:05,940

won something Richard I actually won

117

00:06:11,750 --> 00:06:08,790

something Maynard a planet may not the

118

00:06:15,050 --> 00:06:11,760

best podcast in the comedy section yes

119

00:06:16,820 --> 00:06:15,060

well we're a shock of course of course

120

00:06:19,280 --> 00:06:16,830

and people who listen to me now that may

121

00:06:20,960 --> 00:06:19,290

not come today you know that yeah look

122

00:06:22,550 --> 00:06:20,970

yeah it was kind of cool and to get up

123

00:06:27,680 --> 00:06:22,560

there and it was my speech okay wasn't

124

00:06:29,270 --> 00:06:27,690

too long I'm still laughing about it the

125

00:06:31,310 --> 00:06:29,280

crowd were roaring with laughter it was

126
00:06:32,570 --> 00:06:31,320
a great speech I I think we have some of

127
00:06:34,190 --> 00:06:32,580
the audio there we can have a listen to

128
00:06:35,810 --> 00:06:34,200
it there and look there's people on the

129
00:06:37,970 --> 00:06:35,820
red carpet so I can actually go on the

130
00:06:40,430 --> 00:06:37,980
red carpet legitimately because i'm

131
00:06:43,010 --> 00:06:40,440
actually a winner so here's the other

132
00:06:44,540 --> 00:06:43,020
thing if you go on the red carpet you'll

133
00:06:46,370 --> 00:06:44,550
have to talk to yourself because you're

134
00:06:48,909 --> 00:06:46,380
the guy interviewing people on the red

135
00:06:51,290 --> 00:06:48,919
carpet but you're a winner tonight too

136
00:06:53,030 --> 00:06:51,300
congratulations may not and that's folks

137
00:06:54,800 --> 00:06:53,040
is why my voice is sounding a little bit

138
00:06:56,480 --> 00:06:54,810

husky this morning because we were

139

00:06:59,090 --> 00:06:56,490

shouting and screaming and carrying on

140

00:07:02,120 --> 00:06:59,100

for many hours and having a really great

141

00:07:04,130 --> 00:07:02,130

time Maynard Comte you to listen to his

142

00:07:08,270 --> 00:07:04,140

award-winning podcast and people have

143

00:07:11,120 --> 00:07:08,280

asked me why the skeptic zone wasn't

144

00:07:14,600 --> 00:07:11,130

entered into these podcasts Awards it

145

00:07:16,550 --> 00:07:14,610

sort of snuck up on me and I think it

146

00:07:18,560 --> 00:07:16,560

came to my attention at some stage

147

00:07:20,690 --> 00:07:18,570

rather when I was very busy and I really

148

00:07:22,580 --> 00:07:20,700

just didn't get around to it I guess I

149

00:07:26,630 --> 00:07:22,590

really don't do the skeptic zone to win

150

00:07:29,240 --> 00:07:26,640

awards however I might take a careful

151
00:07:32,210 --> 00:07:29,250
look and possibly into the skeptic

152
00:07:34,550 --> 00:07:32,220
Sounion for for the next ones next year

153
00:07:37,220 --> 00:07:34,560
but that's that's quite a right last

154
00:07:39,380 --> 00:07:37,230
night was Maynard's night and finally

155
00:07:41,659 --> 00:07:39,390
before we hear the music that the starts

156
00:07:44,240 --> 00:07:41,669
the rest of the skeptic zone I want to

157
00:07:46,790 --> 00:07:44,250
say a heartfelt thank you to the

158
00:07:48,870 --> 00:07:46,800
wonderful work and fabulous reports and

159
00:07:51,720 --> 00:07:48,880
beautiful voice of Joe Allah

160
00:07:53,940 --> 00:07:51,730
our reporter who is stepping down from

161
00:07:56,700 --> 00:07:53,950
the skeptic zone after being with us for

162
00:07:58,440 --> 00:07:56,710
a number of years thank you Joe your

163
00:08:01,320 --> 00:07:58,450

reports were fantastic they're all

164

00:08:03,060 --> 00:08:01,330

online people can easily go back and

165

00:08:05,060 --> 00:08:03,070

listen to your wonderful reports that

166

00:08:08,610 --> 00:08:05,070

were not only well-written they were

167

00:08:11,040 --> 00:08:08,620

beautifully delivered Joe you've got one

168

00:08:14,190 --> 00:08:11,050

of the best radio voices I've ever heard

169

00:08:17,750 --> 00:08:14,200

that's not on radio and we were

170

00:08:20,850 --> 00:08:17,760

certainly very lucky to have use of your

171

00:08:23,040 --> 00:08:20,860

writing and broadcasting talents here on

172

00:08:26,880 --> 00:08:23,050

the skeptic zone thank you Joe alabaster

173

00:08:29,430 --> 00:08:26,890

I hope we all see more of you and hear

174

00:08:32,279 --> 00:08:29,440

more of you in the future bad as you

175

00:08:34,920 --> 00:08:32,289

know life can get in way for doing all

176

00:08:37,110 --> 00:08:34,930

sorts of things we will certainly miss

177

00:08:38,940 --> 00:08:37,120

evidence please but fear not you'll hear

178

00:08:41,850 --> 00:08:38,950

Joe's voice occasionally on the skeptic

179

00:08:44,130 --> 00:08:41,860

zone of those ads we run for the

180

00:08:45,680 --> 00:08:44,140

skeptics dictionary and of course

181

00:08:47,510 --> 00:08:45,690

Harriet halls range of videos on

182

00:08:50,310 --> 00:08:47,520

complementary and alternative medicine

183

00:08:52,680 --> 00:08:50,320

alright so now it's time for me to

184

00:08:54,600 --> 00:08:52,690

where's that button oh there it is i'll

185

00:08:56,130 --> 00:08:54,610

press that in a second before i press

186

00:08:57,060 --> 00:08:56,140

that now while i press that as i'm

187

00:09:00,270 --> 00:08:57,070

pressing that i'm going to run

188

00:09:03,120 --> 00:09:00,280

downstairs yeah run downstairs have the

189

00:09:07,440 --> 00:09:03,130

leftover turkey sausages i think a

190

00:09:10,410 --> 00:09:07,450

turkey with some sort of pine pine

191

00:09:12,960 --> 00:09:10,420

notice of something in garlic turkey

192

00:09:14,370 --> 00:09:12,970

garlic sort of sausages out of the

193

00:09:17,550 --> 00:09:14,380

fridge they're cold but they're good

194

00:09:20,220 --> 00:09:17,560

I'll give my voice a bit of a rest while

195

00:09:22,780 --> 00:09:20,230

I'm doing all of that I hope you enjoy

196

00:09:42,360 --> 00:09:22,790

the skeptic zone

197

00:09:57,940 --> 00:09:46,960

interesting claims questioning take

198

00:10:00,190 --> 00:09:57,950

stock with Shelly stalkin hi I'm Shelly

199

00:10:01,380 --> 00:10:00,200

stockin and today I'm going to talk

200

00:10:05,920 --> 00:10:01,390

about the difference between

201
00:10:07,630 --> 00:10:05,930
qualifications and quackery Australian

202
00:10:11,100 --> 00:10:07,640
listeners will no doubt be familiar with

203
00:10:13,930 --> 00:10:11,110
chef pete evans also known as paleo Pete

204
00:10:16,390 --> 00:10:13,940
celebrity food taster and our most vocal

205
00:10:20,380 --> 00:10:16,400
advocate of the Paleo diet among other

206
00:10:22,030 --> 00:10:20,390
things Tim mendham from the Australian

207
00:10:23,890 --> 00:10:22,040
skeptics published an article on

208
00:10:25,600 --> 00:10:23,900
skeptics condotta you on the

209
00:10:27,490 --> 00:10:25,610
twenty-ninth of March this year about a

210
00:10:30,510 --> 00:10:27,500
recent television interview with Evans

211
00:10:34,530 --> 00:10:30,520
which I'll read for you now Pete Evans

212
00:10:37,240 --> 00:10:34,540
celebrity chef paleo diet promoter and

213
00:10:40,120 --> 00:10:37,250

2015 winner of the Australian skeptics

214

00:10:41,880 --> 00:10:40,130

bent spoon award can't understand why

215

00:10:44,740 --> 00:10:41,890

the Australian Medical Association

216

00:10:46,840 --> 00:10:44,750

thinks he's irresponsible and putting

217

00:10:50,050 --> 00:10:46,850

people's health at risk by exercising

218

00:10:54,160 --> 00:10:50,060

his willful arrogance in mischievously

219

00:10:56,440 --> 00:10:54,170

questioning medical advice well well

220

00:10:59,620 --> 00:10:56,450

well he said following a barrage of

221

00:11:02,020 --> 00:10:59,630

criticism from the AMA and others the

222

00:11:07,060 --> 00:11:02,030

AMA has once again tweeted that I am

223

00:11:09,430 --> 00:11:07,070

putting people's lives at risk why Evans

224

00:11:12,150 --> 00:11:09,440

appeared on Channel Seven's Sunday night

225

00:11:14,949 --> 00:11:12,160

program to set the record straight and

226

00:11:17,650 --> 00:11:14,959

was immediately blasted over Twitter by

227

00:11:22,510 --> 00:11:17,660

the AMA itself and by the organization's

228

00:11:26,199 --> 00:11:22,520

federal vice president Tony bitoni the

229

00:11:28,240 --> 00:11:26,209

AMA tweeted Pete Evans putting his fans

230

00:11:31,630 --> 00:11:28,250

health at risk with extreme advice on

231

00:11:35,410 --> 00:11:31,640

diet fluoride calcium celebrity chef

232

00:11:38,079 --> 00:11:35,420

shouldn't dabble in medicine bertoni

233

00:11:40,650 --> 00:11:38,089

chipped in with willful arrogance

234

00:11:43,360 --> 00:11:40,660

mischievously questioning medical advice

235

00:11:45,600 --> 00:11:43,370

decades of scientific research

236

00:11:48,910 --> 00:11:45,610

celebrities putting health at risk on

237

00:11:51,550 --> 00:11:48,920

the sunday night interview Evans asked

238

00:11:54,040 --> 00:11:51,560

what do you need a qualification for to

239

00:11:56,440 --> 00:11:54,050

talk common sense why do you have to

240

00:11:59,110 --> 00:11:56,450

study something that is outdated that is

241

00:12:01,960 --> 00:11:59,120

industry-backed that is biased that is

242

00:12:03,910 --> 00:12:01,970

not getting the results that would be

243

00:12:05,680 --> 00:12:03,920

insane to study something that you're

244

00:12:09,100 --> 00:12:05,690

going to waste your time with that's

245

00:12:11,590 --> 00:12:09,110

just crazy it's just crazy why are

246

00:12:13,600 --> 00:12:11,600

doctors experts in fluoride and what are

247

00:12:16,230 --> 00:12:13,610

their qualifications to be up to date

248

00:12:18,760 --> 00:12:16,240

with the neurotoxins that fluoride is I

249

00:12:22,290 --> 00:12:18,770

would send them the information if they

250

00:12:24,700 --> 00:12:22,300

ask there is a mountain of information

251
00:12:26,500 --> 00:12:24,710
when questioned by sunday night

252
00:12:29,560 --> 00:12:26,510
interviewer Alex Cullen about the

253
00:12:32,110 --> 00:12:29,570
sources of his claims Evans responded

254
00:12:35,980 --> 00:12:32,120
you're a journalist you should be doing

255
00:12:40,180 --> 00:12:35,990
the research yourself in response to the

256
00:12:42,640 --> 00:12:40,190
AMA tweets he asked via Facebook is the

257
00:12:44,350 --> 00:12:42,650
AMA in the pockets of the pharmaceutical

258
00:12:47,380 --> 00:12:44,360
industries and are they in the business

259
00:12:49,420 --> 00:12:47,390
of helping people get healthy the AMA

260
00:12:52,150 --> 00:12:49,430
wasn't the only one to criticize Evans

261
00:12:54,760 --> 00:12:52,160
the National Aboriginal community

262
00:12:57,550 --> 00:12:54,770
controlled Health Organization the peak

263
00:13:02,530 --> 00:12:57,560

body for indigenous health branded Evans

264

00:13:04,660 --> 00:13:02,540

the kitchen's Pauline Hanson Evans has

265

00:13:07,140 --> 00:13:04,670

been heavily criticized for a range of

266

00:13:10,180 --> 00:13:07,150

statements on medicine health and diet

267

00:13:12,820 --> 00:13:10,190

including his anti vax and anti fluoride

268

00:13:16,030 --> 00:13:12,830

stances his suggestions that dairy

269

00:13:18,160 --> 00:13:16,040

products draw calcium out of bones his

270

00:13:20,890 --> 00:13:18,170

comments claiming that most sunscreen

271

00:13:23,410 --> 00:13:20,900

lotions are toxic and his promotion of

272

00:13:26,470 --> 00:13:23,420

bone broth for babies which led to his

273

00:13:28,840 --> 00:13:26,480

latest diet book being pulped am a

274

00:13:32,199 --> 00:13:28,850

president Michael Gannon told Sky News

275

00:13:33,910 --> 00:13:32,209

that Evans is an opinion leader and when

276

00:13:36,190 --> 00:13:33,920

it comes to things like the importance

277

00:13:37,870 --> 00:13:36,200

of adding fluoride to the water in those

278

00:13:39,730 --> 00:13:37,880

parts of Australia where there's not the

279

00:13:41,920 --> 00:13:39,740

natural levels of fluoride to protect

280

00:13:44,199 --> 00:13:41,930

teeth when it comes to some of his

281

00:13:46,420 --> 00:13:44,209

comments about nutrition and about

282

00:13:48,550 --> 00:13:46,430

important dietary sources of calcium and

283

00:13:50,829 --> 00:13:48,560

now he's dipped a toe in the water when

284

00:13:53,980 --> 00:13:50,839

it comes to vaccinations he needs to be

285

00:13:55,570 --> 00:13:53,990

more responsible he's got some fairly

286

00:13:57,100 --> 00:13:55,580

flaky ideas

287

00:13:58,900 --> 00:13:57,110

we know some of the people he

288

00:14:02,080 --> 00:13:58,910

communicates with in terms of his

289

00:14:04,270 --> 00:14:02,090

so-called sources he should stick to the

290

00:14:07,600 --> 00:14:04,280

pearl couscous and the scientists can

291

00:14:10,390 --> 00:14:07,610

stick to pertussis on the same channel 7

292

00:14:13,170 --> 00:14:10,400

interview Evans wife Nicola Robinson

293

00:14:15,730 --> 00:14:13,180

insisted that he isn't a whack job and

294

00:14:19,780 --> 00:14:15,740

Evans himself admitted that he suffered

295

00:14:22,510 --> 00:14:19,790

from crippling shyness I was a really

296

00:14:25,270 --> 00:14:22,520

shy kid he says it's been something

297

00:14:27,310 --> 00:14:25,280

that's been with me all my life even now

298

00:14:30,580 --> 00:14:27,320

I like to keep a low profile believe it

299

00:14:32,680 --> 00:14:30,590

or not it might be hard to believe but

300

00:14:35,280 --> 00:14:32,690

it would definitely be better for

301

00:14:39,420 --> 00:14:35,290

everyone if you did keep a low profile

302

00:14:41,980 --> 00:14:39,430

that's where Tim's article ends my take

303

00:14:43,870 --> 00:14:41,990

Pete Evans isn't the first person to

304

00:14:45,610 --> 00:14:43,880

digest a plate full of half-baked

305

00:14:47,530 --> 00:14:45,620

reckons and use them to pull on the

306

00:14:51,790 --> 00:14:47,540

hard-earned qualifications of experts

307

00:14:54,400 --> 00:14:51,800

and he won't be the last valuing

308

00:14:57,400 --> 00:14:54,410

unqualified personal opinions / expert

309

00:15:00,640 --> 00:14:57,410

advice seems to be very much on trend in

310

00:15:02,620 --> 00:15:00,650

the natural health arena but when you

311

00:15:05,170 --> 00:15:02,630

apply this dismissive attitude to other

312

00:15:08,440 --> 00:15:05,180

areas of interest and Industry it starts

313

00:15:11,430 --> 00:15:08,450

to fall apart would you want a clown to

314

00:15:13,780 --> 00:15:11,440

check your teeth a vet to fix your car a

315

00:15:16,150 --> 00:15:13,790

taxidermist mixing cocktails at your

316

00:15:18,640 --> 00:15:16,160

favorite bar would you trust your local

317

00:15:20,860 --> 00:15:18,650

chippy to negotiate world peace or a

318

00:15:24,190 --> 00:15:20,870

self-employed ventriloquist commanding

319

00:15:26,640 --> 00:15:24,200

the police would you ask a mime to paint

320

00:15:29,790 --> 00:15:26,650

your house a judge to groom your pet a

321

00:15:32,680 --> 00:15:29,800

famous escapologists to fly a jumbo jet

322

00:15:35,230 --> 00:15:32,690

would you ask if I marana for directions

323

00:15:38,470 --> 00:15:35,240

to the station or a TV chef and co-host

324

00:15:40,540 --> 00:15:38,480

for advice on vaccinations when you

325

00:15:42,670 --> 00:15:40,550

break your lower tibia you don't consult

326

00:15:45,700 --> 00:15:42,680

a cook that's when orthopedic

327

00:15:47,620 --> 00:15:45,710

specialists and nurses get a look sure a

328

00:15:50,230 --> 00:15:47,630

chef can poach an egg or make a cheese

329

00:15:54,350 --> 00:15:50,240

sauce from a roux but for health advice

330

00:15:57,390 --> 00:15:54,360

choose somebody who's got a frickin clue

331

00:16:10,020 --> 00:15:57,400

I'm Shelley stockin thanks for having me

332

00:16:11,700 --> 00:16:10,030

in your earholes good crashbug a

333

00:16:13,740 --> 00:16:11,710

boardwalk a skeptic worcestershire

334

00:16:16,410 --> 00:16:13,750

joshula it's a skeptical service attack

335

00:16:18,300 --> 00:16:16,420

elbow by tana channel Annika meet the

336

00:16:20,040 --> 00:16:18,310

skeptics on podcast her go to her vision

337

00:16:22,290 --> 00:16:20,050

heritage from tasha hunter to decide to

338

00:16:24,300 --> 00:16:22,300

the manual Travie like oh she touched a

339

00:16:27,150 --> 00:16:24,310

critical gondola station eclipse

340

00:16:28,920 --> 00:16:27,160

elucidated asserted nearest when Leah

341

00:16:30,810 --> 00:16:28,930

Demi can shake member travelin coca-cola

342

00:16:33,270 --> 00:16:30,820

taught or dvd bond skeptic wish to

343

00:16:35,670 --> 00:16:33,280

sharpen tool which is info @ skeptic

344

00:16:37,620 --> 00:16:35,680

wish bone man tova by Allen film

345

00:16:40,200 --> 00:16:37,630

at the Facebook laudanum cottage amita

346

00:16:42,300 --> 00:16:40,210

facebook.com / skeptic ustasha shakti

347

00:16:47,250 --> 00:16:42,310

matalas volume into our user data

348

00:16:48,990 --> 00:16:47,260

dharamdas Vinayagam hi this is garba

349

00:16:51,000 --> 00:16:49,000

raas co-president of the Hungarian

350

00:16:52,320 --> 00:16:51,010

skeptics society and chairman of the

351

00:16:55,230 --> 00:16:52,330

European Council of skeptical

352

00:16:57,570 --> 00:16:55,240

organizations a solicitor of the skeptic

353

00:16:59,520 --> 00:16:57,580

zone you probably agree that educating

354

00:17:02,580 --> 00:16:59,530

others about to the science and critical

355

00:17:04,170 --> 00:17:02,590

thinking is an important task if you are

356

00:17:05,970 --> 00:17:04,180

eager to take part in either of these

357

00:17:09,740 --> 00:17:05,980

activities we would be happy to hear

358

00:17:15,240 --> 00:17:09,750

from you don't hesitate to contact us at

359

00:17:17,130 --> 00:17:15,250

www.adr.org info at skeptical hu they

360

00:17:19,860 --> 00:17:17,140

also recommend you visiting our Facebook

361

00:17:24,700 --> 00:17:19,870

page skeptic gustaria Shack or simply

362

00:17:24,710 --> 00:17:30,760

[Music]

363

00:17:39,180 --> 00:17:35,390

here's my not spooky action at a

364

00:17:43,750 --> 00:17:42,250

welcome to a truly horrible night as far

365

00:17:45,310 --> 00:17:43,760

as Sydney weather goes now I know

366

00:17:46,600 --> 00:17:45,320

Richard likes live run out in the

367

00:17:48,279 --> 00:17:46,610

international world know what the

368

00:17:49,990 --> 00:17:48,289

weather in Australia's like well it's

369

00:17:51,610 --> 00:17:50,000

raining tonight people are getting wet

370

00:17:53,350 --> 00:17:51,620

people are running around going oh my

371

00:17:55,450 --> 00:17:53,360

godness Bruce hold the umbrella all that

372

00:17:57,039 --> 00:17:55,460

stuff's going on here and we're seeing

373

00:17:58,570 --> 00:17:57,049

Brian Greene who course wrote the art of

374

00:18:00,789 --> 00:17:58,580

course acting and the year of living

375

00:18:04,060 --> 00:18:00,799

dangerously I think that's the bright I

376

00:18:06,250 --> 00:18:04,070

know that's another green well um he

377

00:18:08,169 --> 00:18:06,260

invented a color that is on the spectrum

378

00:18:09,789 --> 00:18:08,179

he did lots of stuff we'll look I'll be

379

00:18:11,320 --> 00:18:09,799

look look are we burning up on who Brian

380

00:18:13,330 --> 00:18:11,330

Green is in the next 10 min at Richard

381

00:18:15,580 --> 00:18:13,340

how are you I'm well I'm a bit soggy wet

382

00:18:17,289 --> 00:18:15,590

this is the we're getting the sort of

383

00:18:19,690 --> 00:18:17,299

the tail end or the front of cyclone

384

00:18:21,909 --> 00:18:19,700

Debbie in fact here in Sydney we're in

385

00:18:23,830 --> 00:18:21,919

the the international conference center

386

00:18:26,409 --> 00:18:23,840

or whatever it's called and just imagine

387

00:18:27,820 --> 00:18:26,419

if your parents made something and you

388

00:18:29,289 --> 00:18:27,830

weren't allowed to sit on it because

389

00:18:30,970 --> 00:18:29,299

plastic was on everything and then they

390

00:18:32,500 --> 00:18:30,980

took the plastic off that's exactly what

391

00:18:34,899 --> 00:18:32,510

this entire building looks like doesn't

392

00:18:37,960 --> 00:18:34,909

it Richard it's very new main item we're

393

00:18:39,940 --> 00:18:37,970

looking for a drink we are indeed and as

394

00:18:42,039 --> 00:18:39,950

you may know sydney's lockout laws are

395

00:18:43,899 --> 00:18:42,049

fairly extensive so if you actually want

396

00:18:45,730 --> 00:18:43,909

to have a drink at any time particularly

397

00:18:47,500 --> 00:18:45,740

once the Sun Goes Down forget

398

00:18:49,029 --> 00:18:47,510

international visitors but I'll hang on

399

00:18:50,980 --> 00:18:49,039

they've found a bar well we found

400

00:18:52,930 --> 00:18:50,990

somewhere just across into the shopping

401
00:18:54,639 --> 00:18:52,940
center that's where we can get this is

402
00:18:56,680 --> 00:18:54,649
good because this is one of the new bars

403
00:18:58,539 --> 00:18:56,690
which is a good chance because it's a

404
00:19:00,279 --> 00:18:58,549
new bar that's none of us have actually

405
00:19:02,139 --> 00:19:00,289
been banned from it yet that's good and

406
00:19:04,960 --> 00:19:02,149
and how are you tonight who we got here

407
00:19:06,580 --> 00:19:04,970
I solara I'm good how are you sounds

408
00:19:08,169 --> 00:19:06,590
pretty good then it's raining out so I

409
00:19:10,720 --> 00:19:08,179
do think this will affect the science

410
00:19:13,090 --> 00:19:10,730
orientated crowd coming this evening I'm

411
00:19:14,200 --> 00:19:13,100
I hope not I don't think so it certainly

412
00:19:15,669 --> 00:19:14,210
wouldn't in England otherwise we'd

413
00:19:17,080 --> 00:19:15,679

literally never go out that's true

414

00:19:18,610 --> 00:19:17,090
you're right i guess i'm talking to

415

00:19:20,529 --> 00:19:18,620
someone who's used to rain and when i

416

00:19:23,060 --> 00:19:20,539
say the name brian greene to you what

417

00:19:25,850 --> 00:19:23,070
thoughts come to mind physics

418

00:19:28,460 --> 00:19:25,860
is he a theoretical one I think he is

419

00:19:30,320 --> 00:19:28,470
yeah okay I guess oh we're in the

420

00:19:32,509 --> 00:19:30,330
howling gale okay riding outside there

421

00:19:34,220 --> 00:19:32,519
we go should we go our names you've

422

00:19:36,019 --> 00:19:34,230
probably heard about tropical cyclone

423

00:19:38,060 --> 00:19:36,029
Debbie which hit Queensland in the north

424

00:19:39,320 --> 00:19:38,070
of Australia so this is hard now of

425

00:19:41,180 --> 00:19:39,330
course this mainly damaged the

426

00:19:43,519 --> 00:19:41,190

whitsundays in the Makai area and did

427

00:19:45,769 --> 00:19:43,529

affect a wide area but did not did not

428

00:19:47,480 --> 00:19:45,779

in fact destroy Queensland as the media

429

00:19:49,669 --> 00:19:47,490

would have you believe and as the

430

00:19:51,200 --> 00:19:49,679

Queensland elizab tell you they're tough

431

00:19:53,210 --> 00:19:51,210

and they say bring it on every time a

432

00:19:54,919 --> 00:19:53,220

cyclone comes and they they spray

433

00:19:56,480 --> 00:19:54,929

graffiti about the cyclone and

434

00:20:00,350 --> 00:19:56,490

everything they don't scared about it

435

00:20:03,440 --> 00:20:00,360

can't scare queenslanders now of course

436

00:20:05,749 --> 00:20:03,450

we we play the main ad-skipping zone

437

00:20:07,430 --> 00:20:05,759

bingo when we go to any thinking

438

00:20:09,889 --> 00:20:07,440

particular if it's a physicist the terms

439

00:20:14,360 --> 00:20:09,899

we are looking for the terms we are

440

00:20:19,129 --> 00:20:14,370

looking for ah Planck time hologram

441

00:20:20,899 --> 00:20:19,139

theory and multiverse bit too easy but

442

00:20:22,789 --> 00:20:20,909

the good one on the list but Planck time

443

00:20:24,409 --> 00:20:22,799

is the one because no time no one's been

444

00:20:25,610 --> 00:20:24,419

able to explain Planck time to me

445

00:20:27,830 --> 00:20:25,620

correctly for all the years I've been

446

00:20:29,299 --> 00:20:27,840

asking about it probably me rather than

447

00:20:32,149 --> 00:20:29,309

people explain it that's a problem I

448

00:20:34,070 --> 00:20:32,159

think and also we we do we do love

449

00:20:36,049 --> 00:20:34,080

hologram theory which gets a laugh and

450

00:20:38,269 --> 00:20:36,059

probably from a physicist gets a grimace

451
00:20:39,889 --> 00:20:38,279
but we'll see what happens because

452
00:20:41,180 --> 00:20:39,899
Richard for Brian Greene what will you

453
00:20:42,169 --> 00:20:41,190
be trusted in the world and physics what

454
00:20:43,999 --> 00:20:42,179
are you hoping he's talked about it

455
00:20:47,389 --> 00:20:44,009
because we know my ones Planck time and

456
00:20:50,600 --> 00:20:47,399
I do like a bit of hologram theory time

457
00:20:52,460 --> 00:20:50,610
travel mmm always the favorite of mine

458
00:20:54,289 --> 00:20:52,470
ever since I was a kid ever since I was

459
00:20:58,299 --> 00:20:54,299
a little kid watching Doctor Who so

460
00:21:03,200 --> 00:21:00,919
this silence folks is because I don't

461
00:21:04,220 --> 00:21:03,210
know the future I think well the future

462
00:21:05,840 --> 00:21:04,230
would be interesting but now I'm think

463
00:21:07,549 --> 00:21:05,850

he's gonna say something about you might

464

00:21:08,870 --> 00:21:07,559

not be able to go one way like you might

465

00:21:10,430 --> 00:21:08,880

only be able to go back you might not be

466

00:21:15,139 --> 00:21:10,440

able to go forward you can only go

467

00:21:16,759 --> 00:21:15,149

forward okay you can't go back look Bob

468

00:21:20,149 --> 00:21:16,769

why my brother gonna see Brian really

469

00:21:22,130 --> 00:21:20,159

you spoilers spoil our car Richard

470

00:21:23,600 --> 00:21:22,140

Saunders answers physics questions for

471

00:21:25,880 --> 00:21:23,610

you so you don't have to go see some

472

00:21:27,620 --> 00:21:25,890

guys spent time at uni yeah well think

473

00:21:29,299 --> 00:21:27,630

of all the times that you think I wish I

474

00:21:31,220 --> 00:21:29,309

could go back and turn you know do

475

00:21:32,539 --> 00:21:31,230

something differently in my life it

476
00:21:35,629 --> 00:21:32,549
doesn't work like that never has never

477
00:21:37,490 --> 00:21:35,639
will and we're not flooded by tourists

478
00:21:39,440 --> 00:21:37,500
from the future are we unless you're

479
00:21:41,480 --> 00:21:39,450
from if you try up and wondered I do

480
00:21:43,250 --> 00:21:41,490
live in the future but I'm not from

481
00:21:46,190 --> 00:21:43,260
there because even they won't have me

482
00:21:49,009 --> 00:21:46,200
and then of course it was time to go in

483
00:21:51,919 --> 00:21:49,019
and see dr. Brian Greene blow our minds

484
00:21:55,250 --> 00:21:51,929
with his theoretical and sometimes not

485
00:21:57,919 --> 00:21:55,260
so theoretical physics perhaps we'd like

486
00:21:59,930 --> 00:21:57,929
to test the the applause sound again but

487
00:22:02,860 --> 00:21:59,940
we get a cheer for Brian Greene and

488
00:22:11,649 --> 00:22:02,870

science in general and all

489

00:22:20,539 --> 00:22:17,419

time travel is absolutely possible if

490

00:22:25,789 --> 00:22:20,549

you for instance going here the edge of

491

00:22:28,459 --> 00:22:25,799

a black hole I suppose go spend a few

492

00:22:30,829 --> 00:22:28,469

weeks there good greatly time elapses

493

00:22:33,199 --> 00:22:30,839

for you is very very slow and you come

494

00:22:34,000 --> 00:22:33,209

back to earth entity the future it may

495

00:22:48,190 --> 00:22:34,010

be

496

00:22:53,390 --> 00:22:50,220

[Applause]

497

00:23:00,170 --> 00:22:53,400

[Music]

498

00:23:08,760 --> 00:23:03,660

great pleasure to be here and you know

499

00:23:11,070 --> 00:23:08,770

we we are a species that asks questions

500

00:23:14,540 --> 00:23:11,080

right that's with you who we are one of

501
00:23:20,520 --> 00:23:14,550
the biggest questions of all is why are

502
00:23:22,080 --> 00:23:20,530
we here not here the icc sit down know

503
00:23:25,250 --> 00:23:22,090
why we're here to have the conversation

504
00:23:28,740 --> 00:23:25,260
about time and reality but why are we

505
00:23:32,130 --> 00:23:28,750
alive right what is life what is

506
00:23:34,500 --> 00:23:32,140
consciousness mean what do you or I this

507
00:23:40,680 --> 00:23:34,510
planet is gallon to this universe what

508
00:23:41,970 --> 00:23:40,690
does it all mean well I don't come to

509
00:23:47,840 --> 00:23:41,980
make very much for coming goodnight

510
00:23:50,010 --> 00:23:47,850
everybody so it falls to me just to say

511
00:23:52,440 --> 00:23:50,020
what an honor has been to share the

512
00:23:54,180 --> 00:23:52,450
stage with dr. Brian brief and share

513
00:23:57,150 --> 00:23:54,190

this auditorium with you as we discuss

514

00:23:59,370 --> 00:23:57,160

these big wondrous ideas and I hope that

515

00:24:01,560 --> 00:23:59,380

will round out the evening we've SAT

516

00:24:04,260 --> 00:24:01,570

very patiently you're probably numb in

517

00:24:18,830 --> 00:24:04,270

the face but I'm hoping we can end with

518

00:24:24,200 --> 00:24:22,400

I mean dr. Brian Greene really blew my

519

00:24:26,240 --> 00:24:24,210

tiny eight brain and my brain was a bit

520

00:24:27,830 --> 00:24:26,250

scrambled but after the event my brain

521

00:24:31,910 --> 00:24:27,840

was not the only one that had been

522

00:24:34,400 --> 00:24:31,920

scrambled as you'll hear now how are you

523

00:24:36,350 --> 00:24:34,410

inspired Andrew by brian greene if at

524

00:24:37,850 --> 00:24:36,360

all or maybe you were bit mom nonplussed

525

00:24:39,980 --> 00:24:37,860

by the whole physics experiment here

526
00:24:43,670 --> 00:24:39,990
tonight blown away yeah holy blonde

527
00:24:46,190 --> 00:24:43,680
alone said here and just let it all flow

528
00:24:49,460 --> 00:24:46,200
and flow over flow through meeses

529
00:24:52,100 --> 00:24:49,470
fascinating great communicator what was

530
00:24:55,700 --> 00:24:52,110
your most interesting bit that made made

531
00:24:57,710 --> 00:24:55,710
you go I hear hear imagine that all we

532
00:25:01,220 --> 00:24:57,720
was talking about string theory I was

533
00:25:03,920 --> 00:25:01,230
wondering whether they'll be listening

534
00:25:07,610 --> 00:25:03,930
as much as they're looking for evidence

535
00:25:09,800 --> 00:25:07,620
on in a collision now they also

536
00:25:12,800 --> 00:25:09,810
listening at that time and what would

537
00:25:13,940 --> 00:25:12,810
those sound like okay well by the by

538
00:25:16,160 --> 00:25:13,950

what he was saying they're about halfway

539

00:25:17,780 --> 00:25:16,170

to be able to sing it 18 to the 0 or

540

00:25:18,650 --> 00:25:17,790

something they got to get to 38 or

541

00:25:21,440 --> 00:25:18,660

something like that so they're halfway

542

00:25:23,240 --> 00:25:21,450

there that's easy for us to say sitting

543

00:25:24,590 --> 00:25:23,250

here you know having a few drinks well

544

00:25:26,930 --> 00:25:24,600

that's the other thing is you know this

545

00:25:31,970 --> 00:25:26,940

sort of simple you gave some great

546

00:25:34,940 --> 00:25:31,980

graphic analogies showing time scales

547

00:25:37,610 --> 00:25:34,950

and they use the Empire State Building

548

00:25:39,200 --> 00:25:37,620

as a way of saying this is where the Big

549

00:25:41,560 --> 00:25:39,210

Bang was and this is where the

550

00:25:43,249 --> 00:25:41,570

ultimately it'll Peters out and that was

551

00:25:47,190 --> 00:25:43,259

[Music]

552

00:25:49,049 --> 00:25:47,200

sort of gave you a sense of one thing

553

00:25:50,730 --> 00:25:49,059

look I think you're hearing the sound of

554

00:25:55,259 --> 00:25:50,740

a man's mind has been a bit blown i

555

00:26:00,539 --> 00:25:55,269

think wonderful absolutely this best

556

00:26:01,860 --> 00:26:00,549

night i've spent wandering through the

557

00:26:04,139 --> 00:26:01,870

crowd in the floor afterwards he

558

00:26:09,450 --> 00:26:04,149

everyone's fairly inspired by the whole

559

00:26:12,090 --> 00:26:09,460

thing what did you find most inspiring

560

00:26:13,470 --> 00:26:12,100

about dr. Greene this evening oh good

561

00:26:16,950 --> 00:26:13,480

lord everything I know nothing about

562

00:26:20,519 --> 00:26:16,960

science was there one fact that blew

563

00:26:24,060 --> 00:26:20,529

your mind more than anything else how

564

00:26:27,720 --> 00:26:24,070

little I knew what so you walked in

565

00:26:29,460 --> 00:26:27,730

there going I know all this I know

566

00:26:31,289 --> 00:26:29,470

nothing i'm interested in also i just

567

00:26:33,450 --> 00:26:31,299

kind of feel like I'm my brain has

568

00:26:34,769 --> 00:26:33,460

exploded at my I'm Suffolk spoken to a

569

00:26:37,109 --> 00:26:34,779

few people that feel a bit like that I

570

00:26:38,730 --> 00:26:37,119

hope it gets better yeah yeah I know

571

00:26:40,080 --> 00:26:38,740

everyone's got that wow that really blew

572

00:26:41,820 --> 00:26:40,090

me out there well how do you feel that

573

00:26:43,139 --> 00:26:41,830

the whole thing that was great I know

574

00:26:45,269 --> 00:26:43,149

the code because I was sitting there and

575

00:26:47,129 --> 00:26:45,279

look it took a lot he did mention a

576
00:26:49,259 --> 00:26:47,139
hologram theory in a way that we could

577
00:26:51,960 --> 00:26:49,269
be a simulation you did mention that he

578
00:26:54,779 --> 00:26:51,970
did mention Max Planck so Planck time

579
00:26:57,720 --> 00:26:54,789
got it yeah he needs to get around more

580
00:27:00,869 --> 00:26:57,730
absolutely yes cool like a look and look

581
00:27:03,659 --> 00:27:00,879
up good Iran is here from the skeptics

582
00:27:05,129 --> 00:27:03,669
of course and Iran what blew your mind

583
00:27:07,950 --> 00:27:05,139
about what's going on onstage tonight

584
00:27:10,109 --> 00:27:07,960
with dr. Greene the excitement yeah I

585
00:27:11,759 --> 00:27:10,119
think a scientist who's really excited

586
00:27:14,070 --> 00:27:11,769
about the message that delivering that

587
00:27:15,960 --> 00:27:14,080
they talk when somebody like that is on

588
00:27:18,359 --> 00:27:15,970

stage and they speak they talk about the

589

00:27:20,879 --> 00:27:18,369

signs and they make it accessible in

590

00:27:23,369 --> 00:27:20,889

some sense but mostly they're makes it

591

00:27:25,859 --> 00:27:23,379

really exciting for people who are not

592

00:27:28,379 --> 00:27:25,869

involved in this in hit in this specific

593

00:27:29,909 --> 00:27:28,389

scientific area on a day-to-day basis I

594

00:27:31,200 --> 00:27:29,919

think that's what that's the only thing

595

00:27:32,970 --> 00:27:31,210

that's important I I know quite a bit

596

00:27:35,430 --> 00:27:32,980

about physics obviously i'm not you know

597

00:27:37,320 --> 00:27:35,440

professionally in this area but again

598

00:27:39,450 --> 00:27:37,330

time and again you know i watch Neil

599

00:27:42,419 --> 00:27:39,460

deGrasse Tyson says things that I know

600

00:27:44,340 --> 00:27:42,429

already or Brian Green says the things

601
00:27:45,659 --> 00:27:44,350
that I know already but I still find it

602
00:27:47,249 --> 00:27:45,669
fascinating because the way the

603
00:27:49,160 --> 00:27:47,259
communicated the excitement that they

604
00:27:51,720 --> 00:27:49,170
cause in the audience that is to me

605
00:27:55,049 --> 00:27:51,730
so you're someone who's physics curious

606
00:27:56,700 --> 00:27:55,059
uh yeah a little bit more than that but

607
00:27:58,260 --> 00:27:56,710
yeah yeah you can see everyone getting

608
00:28:00,060 --> 00:27:58,270
really excited about the whole thing yes

609
00:28:01,590 --> 00:28:00,070
absolutely but he also said that every

610
00:28:02,940 --> 00:28:01,600
scientist shouldn't really have to be a

611
00:28:04,680 --> 00:28:02,950
science communicator as well some of

612
00:28:07,340 --> 00:28:04,690
them can just get on with it absolutely

613
00:28:10,200 --> 00:28:07,350

true I mean I think in every area like

614

00:28:12,510 --> 00:28:10,210

we have a similar kind of debate you

615

00:28:14,640 --> 00:28:12,520

know within the skeptical / atheist

616

00:28:16,590 --> 00:28:14,650

community for example about the Richard

617

00:28:18,000 --> 00:28:16,600

Dawkins approach for over as opposed to

618

00:28:19,680 --> 00:28:18,010

you not like maybe we should go softly

619

00:28:21,270 --> 00:28:19,690

softly I got really sure to go all

620

00:28:22,950 --> 00:28:21,280

shouting i love the dork in his approach

621

00:28:24,240 --> 00:28:22,960

just cuz the way he winds everybody up

622

00:28:25,680 --> 00:28:24,250

yeah the problem is that there's a lot

623

00:28:27,450 --> 00:28:25,690

of blowback from that no but the thing

624

00:28:29,250 --> 00:28:27,460

is the reason Richard Dawkins

625

00:28:31,410 --> 00:28:29,260

communicates the way he does is because

626

00:28:32,700 --> 00:28:31,420

he's Richard Dawkins and the way and you

627

00:28:34,680 --> 00:28:32,710

know and you have other people who

628

00:28:36,150 --> 00:28:34,690

communicate differently and that's fine

629

00:28:37,530 --> 00:28:36,160

you know different people beep people

630

00:28:39,900 --> 00:28:37,540

bring their perspective and their

631

00:28:41,430 --> 00:28:39,910

attitude and their personality to the

632

00:28:43,710 --> 00:28:41,440

way they communicate and some people

633

00:28:45,720 --> 00:28:43,720

just don't communicate and the reality

634

00:28:48,600 --> 00:28:45,730

is that you don't need every scientist

635

00:28:50,910 --> 00:28:48,610

to communicate to the general public of

636

00:28:53,669 --> 00:28:50,920

course they all communicate within this

637

00:28:55,770 --> 00:28:53,679

within the scientific establishment and

638

00:28:57,630 --> 00:28:55,780

within you know with their conferences

639

00:28:59,600 --> 00:28:57,640

and magazines and all of that but you

640

00:29:01,590 --> 00:28:59,610

know it's it's enough that we have some

641

00:29:03,240 --> 00:29:01,600

scientists who are capable of speaking

642

00:29:06,000 --> 00:29:03,250

about these these things to the public

643

00:29:09,390 --> 00:29:06,010

in a way that Brian Greene does very

644

00:29:10,919 --> 00:29:09,400

well let's go thank you right we gonna

645

00:29:11,880 --> 00:29:10,929

talk to you about look look I was a

646

00:29:13,890 --> 00:29:11,890

whole bunch of people with their mind

647

00:29:15,210 --> 00:29:13,900

blown here Alethea what was them what

648

00:29:19,290 --> 00:29:15,220

was the thing he said that blew your

649

00:29:21,060 --> 00:29:19,300

mind the most too much can i pick okay I

650

00:29:24,480 --> 00:29:21,070

don't yeah everyone's a bit like that

651

00:29:26,910 --> 00:29:24,490

yeah the Q&A session so many interesting

652

00:29:29,790 --> 00:29:26,920

questions but talking about how they go

653

00:29:31,860 --> 00:29:29,800

about proving string theory mmm the

654

00:29:33,870 --> 00:29:31,870

different experiments that will probably

655

00:29:37,500 --> 00:29:33,880

be inconclusive or not show us anything

656

00:29:41,280 --> 00:29:37,510

but also the very basic question of how

657

00:29:41,940 --> 00:29:41,290

does string theory unite general

658

00:29:45,060 --> 00:29:41,950

relativity

659

00:29:46,649 --> 00:29:45,070

and quantum theory and he gave what was

660

00:29:48,750 --> 00:29:46,659

up to a point a really clear explanation

661

00:29:50,730 --> 00:29:48,760

and then it all fell apart from my

662

00:29:52,980 --> 00:29:50,740

little brain and I really wish that we

663

00:29:54,659 --> 00:29:52,990

had some visual aids yes because we had

664

00:29:56,970 --> 00:29:54,669

the Venn diagrams of the different

665

00:29:58,560 --> 00:29:56,980

theories and we and I think it's not

666

00:30:00,990 --> 00:29:58,570

clear how they do mesh maybe that's why

667

00:30:03,629 --> 00:30:01,000

we didn't understand it and earlier on

668

00:30:05,519 --> 00:30:03,639

he had such amazing visual to show us

669

00:30:08,629 --> 00:30:05,529

step out you know the heat death of the

670

00:30:11,519 --> 00:30:08,639

universe which helped my uneducated

671

00:30:13,409 --> 00:30:11,529

liberal arts brain and the concept of

672

00:30:15,509 --> 00:30:13,419

time taking so long that even black

673

00:30:17,250 --> 00:30:15,519

holes evaporate that get your head

674

00:30:19,470 --> 00:30:17,260

around that one people yeah oh and we

675

00:30:21,419 --> 00:30:19,480

all might be a brain in the future

676

00:30:23,480 --> 00:30:21,429

that's we all might be the creation of

677

00:30:25,740 --> 00:30:23,490

brain in the future or a simulation yes

678

00:30:27,750 --> 00:30:25,750

I've often thought that mean out as a

679

00:30:29,340 --> 00:30:27,760

simulation yeah so I think we all got a

680

00:30:31,830 --> 00:30:29,350

lot to ponder upon so good luck with it

681

00:30:34,289 --> 00:30:31,840

I know I can't understand it I can't

682

00:30:36,029 --> 00:30:34,299

either but that was an awesome event and

683

00:30:37,799 --> 00:30:36,039

Richard of course what did you find that

684

00:30:40,950 --> 00:30:37,809

was going on there what was blowing your

685

00:30:42,720 --> 00:30:40,960

little tiny eight brain ah my tiny eight

686

00:30:44,009 --> 00:30:42,730

brain oh well that's why I referred of

687

00:30:47,190 --> 00:30:44,019

mine I thought since I know you I could

688

00:30:49,200 --> 00:30:47,200

say the same thing yes I I like the when

689

00:30:51,720 --> 00:30:49,210

he was talking about people in the far

690

00:30:54,419 --> 00:30:51,730

far far future would look out and just

691

00:30:56,399 --> 00:30:54,429

see a tiny clusters of galaxies and

692

00:30:57,899 --> 00:30:56,409

think there's nothing beyond it because

693

00:30:59,700 --> 00:30:57,909

their instruments is saying there's

694

00:31:01,440 --> 00:30:59,710

nothing beyond it because the light from

695

00:31:03,629 --> 00:31:01,450

the galaxies are so far away and they're

696

00:31:04,710 --> 00:31:03,639

moving so fast that it there faster than

697

00:31:06,750 --> 00:31:04,720

the speed of light so the light can't

698

00:31:08,460 --> 00:31:06,760

get back to this galaxy and that was

699

00:31:10,379 --> 00:31:08,470

interesting would I get me started on

700

00:31:11,820 --> 00:31:10,389

actual alien theory because Noah no one

701
00:31:13,440 --> 00:31:11,830
listens to what the Egyptians were

702
00:31:15,180 --> 00:31:13,450
saying now and we would be worse than

703
00:31:16,980 --> 00:31:15,190
the Egyptians to those people then what

704
00:31:19,049 --> 00:31:16,990
do whether what were they saying oh well

705
00:31:20,399 --> 00:31:19,059
there's gods and stuff ha ha ha yeah

706
00:31:25,950 --> 00:31:20,409
there you go and they were controlled by

707
00:31:27,419 --> 00:31:25,960
cats i believe that i'm here with dish

708
00:31:30,659 --> 00:31:27,429
and what's your role with thinking dish

709
00:31:32,669 --> 00:31:30,669
i'm the founder of thinking wow okay so

710
00:31:34,259 --> 00:31:32,679
Brian Green is like a rock star within

711
00:31:36,060 --> 00:31:34,269
the world of thinking so tell me what

712
00:31:38,129 --> 00:31:36,070
does he own heaven his rider what kind

713
00:31:41,820 --> 00:31:38,139

of things does a physicist asked for

714

00:31:44,850 --> 00:31:41,830

backstage well and the only requirement

715

00:31:47,100 --> 00:31:44,860

he's a strict vegan okay and so that is

716

00:31:48,840 --> 00:31:47,110

not to say he asked for I want this and

717

00:31:51,450 --> 00:31:48,850

that he just says I'll have anything

718

00:31:53,759 --> 00:31:51,460

vegan okay so apart from that nothing

719

00:31:54,780 --> 00:31:53,769

else is very you know he likes water and

720

00:31:56,220 --> 00:31:54,790

soy milk

721

00:31:57,600 --> 00:31:56,230

now of course you've seen a lot of

722

00:31:58,980 --> 00:31:57,610

people here walking out with their head

723

00:32:00,630 --> 00:31:58,990

spinning because of all the concepts

724

00:32:02,400 --> 00:32:00,640

that have been introduced how do you go

725

00:32:05,160 --> 00:32:02,410

as someone that's been to every thinking

726

00:32:06,420 --> 00:32:05,170

thing and the got it going how did your

727

00:32:08,610 --> 00:32:06,430

brain go tonight with some of the

728

00:32:10,440 --> 00:32:08,620

concepts we got introduced to somebody

729

00:32:12,000 --> 00:32:10,450

tweeted today is saying I've been to so

730

00:32:14,580 --> 00:32:12,010

many thinking convince and it surprised

731

00:32:15,690 --> 00:32:14,590

me at every event you know there are so

732

00:32:18,540 --> 00:32:15,700

many people and I learned something

733

00:32:19,800 --> 00:32:18,550

that's that's the reality every event I

734

00:32:22,440 --> 00:32:19,810

mean this is the second show of the tour

735

00:32:25,500 --> 00:32:22,450

and I still learn things going oh wow I

736

00:32:27,210 --> 00:32:25,510

never thought of it like that and it's

737

00:32:29,160 --> 00:32:27,220

like that it's a pleasure it's an

738

00:32:30,750 --> 00:32:29,170

absolute pleasure it is still an unusual

739

00:32:32,550 --> 00:32:30,760

thing in culture to see a whole bunch of

740

00:32:34,470 --> 00:32:32,560

people give a standing ovation to

741

00:32:36,840 --> 00:32:34,480

someone's intelligence you don't get

742

00:32:39,360 --> 00:32:36,850

that every day so the whole idea behind

743

00:32:41,970 --> 00:32:39,370

thinking is just that we want to make

744

00:32:44,610 --> 00:32:41,980

intelligent thinkers people with ideas

745

00:32:46,860 --> 00:32:44,620

the pop culture icons of our society

746

00:32:50,160 --> 00:32:46,870

maybe an idealistic way or we both the

747

00:32:53,280 --> 00:32:50,170

world but you know Cardassians have a

748

00:32:55,260 --> 00:32:53,290

place but Brian greens and neil degrasse

749

00:32:57,600 --> 00:32:55,270

tyson should have a place in society in

750

00:32:59,160 --> 00:32:57,610

a similar level that is a grand idea of

751

00:33:00,270 --> 00:32:59,170

thinking look I know you got a lot of

752

00:33:01,680 --> 00:33:00,280

people coming who's the one you're

753

00:33:04,590 --> 00:33:01,690

looking forward to the most just pick

754

00:33:07,800 --> 00:33:04,600

one I know a lot of people coming that's

755

00:33:09,960 --> 00:33:07,810

a tough question just what someone's

756

00:33:12,870 --> 00:33:09,970

pulling my leg so I have to say skeptic

757

00:33:14,730 --> 00:33:12,880

on which is a actually I'll be I'll be

758

00:33:18,480 --> 00:33:14,740

quite honest the original thinking

759

00:33:21,210 --> 00:33:18,490

concept was a and one day ideas festival

760

00:33:23,880 --> 00:33:21,220

that didn't necessarily go to plan so

761

00:33:26,280 --> 00:33:23,890

skepticism is kind of like the one that's

762

00:33:27,840 --> 00:33:26,290

going to go right now you got a lot to

763

00:33:30,390 --> 00:33:27,850

do they you got more riders to figure

764

00:33:37,240 --> 00:33:30,400

gotta chase up some vegan wine so you do

765

00:33:51,390 --> 00:33:44,920

[Music]

766

00:33:54,720 --> 00:33:51,400

and now direct from the cafe at

767

00:34:02,220 --> 00:33:54,730

Australia's science channel its brouhaha

768

00:34:04,200 --> 00:34:02,230

with ben lewis as cycling debbie basses

769

00:34:06,660 --> 00:34:04,210

queensland it's time to remember how

770

00:34:08,820 --> 00:34:06,670

important it is to stay informed during

771

00:34:11,100 --> 00:34:08,830

natural disasters the internet is great

772

00:34:13,380 --> 00:34:11,110

but let's face it it's easy to come

773

00:34:15,390 --> 00:34:13,390

across some pretty dodgy it fate now

774

00:34:17,490 --> 00:34:15,400

it's not just the Cyclones but bush

775

00:34:20,280 --> 00:34:17,500

fires floods and all the things

776

00:34:21,960 --> 00:34:20,290

Australia throws at us there's no time

777

00:34:24,390 --> 00:34:21,970

to waste trying to work out what's

778

00:34:27,300 --> 00:34:24,400

credible and what's not and it's all too

779

00:34:29,160 --> 00:34:27,310

tempting to just read everything so to

780

00:34:31,440 --> 00:34:29,170

make good decisions without getting

781

00:34:33,960 --> 00:34:31,450

wrapped up in information overload limit

782

00:34:36,300 --> 00:34:33,970

yourself to a few credible science back

783

00:34:38,730 --> 00:34:36,310

sources if you want to know about the

784

00:34:40,169 --> 00:34:38,740

storm itself the best place to head for

785

00:34:42,150 --> 00:34:40,179

info is the bureau of meteorology

786

00:34:44,669 --> 00:34:42,160

they're the folks who are collecting

787

00:34:46,740 --> 00:34:44,679

data in real time they are always

788

00:34:49,500 --> 00:34:46,750

improving their own ability to forecast

789

00:34:52,050 --> 00:34:49,510

cyclones by using a mixture of satellite

790

00:34:53,250 --> 00:34:52,060

imagery and computer modeling however

791

00:34:54,990 --> 00:34:53,260

cyclones are generally pretty

792

00:34:57,270 --> 00:34:55,000

unpredictable in their movement and

793

00:34:59,420 --> 00:34:57,280

intensity so you can't expect perfection

794

00:35:02,550 --> 00:34:59,430

but they're pretty damn good at it and

795

00:35:05,400 --> 00:35:02,560

if you hunker down at home keep an eye

796

00:35:08,490 --> 00:35:05,410

or even better an ear on the local ABC

797

00:35:10,380 --> 00:35:08,500

as the official emergency broadcaster

798

00:35:13,350 --> 00:35:10,390

their equipment is built to withstand

799

00:35:15,540 --> 00:35:13,360

disasters they will constantly broadcast

800

00:35:17,580 --> 00:35:15,550

emergency information from the state

801
00:35:20,250 --> 00:35:17,590
emergency services and other credible

802
00:35:22,170 --> 00:35:20,260
sources if you are in northern

803
00:35:24,660 --> 00:35:22,180
Queensland at the moment stay informed

804
00:35:26,900 --> 00:35:24,670
and stay safe we'll see you on the other

805
00:35:37,870 --> 00:35:29,930
for more brouhaha and Australian science

806
00:35:43,400 --> 00:35:41,029
greetings listeners it's me captain

807
00:35:45,890 --> 00:35:43,410
disillusion on my youtube channel called

808
00:35:48,260 --> 00:35:45,900
captain disillusion aye captain

809
00:35:50,510 --> 00:35:48,270
disillusion analyzed viral videos of the

810
00:35:52,819 --> 00:35:50,520
strange and unbelievable I explain how

811
00:35:54,829 --> 00:35:52,829
interframe video compression 3d motion

812
00:35:57,289 --> 00:35:54,839
tracking and stock the effects elements

813
00:35:59,599 --> 00:35:57,299

prove that Justin Bieber is not a secret

814

00:36:01,430 --> 00:35:59,609

reptilian alien but those videos of

815

00:36:03,440 --> 00:36:01,440

ghost cars are just unintentional

816

00:36:05,150 --> 00:36:03,450

optical illusions and that lightning did

817

00:36:06,950 --> 00:36:05,160

not strike a few feet away from a girl

818

00:36:09,710 --> 00:36:06,960

on a beach as we saw on the news I'm

819

00:36:13,010 --> 00:36:09,720

real fun at parties my best friend is a

820

00:36:14,809 --> 00:36:13,020

lens flare dimmer switch disillusion I

821

00:36:16,670 --> 00:36:14,819

do know other people sometimes they even

822

00:36:19,400 --> 00:36:16,680

show up in my videos people like

823

00:36:21,710 --> 00:36:19,410

skepticism is grandpa james randi sirve

824

00:36:23,870 --> 00:36:21,720

de Soleil Acrobat Erica Lynn's weight

825

00:36:26,210 --> 00:36:23,880

loss enthusiast Penn Jillette and the

826
00:36:27,920 --> 00:36:26,220
actual Beekman from Beakman's world I

827
00:36:30,230 --> 00:36:27,930
hope you'll check out my adventures

828
00:36:32,569 --> 00:36:30,240
interact with me in a platonic way and

829
00:36:35,059 --> 00:36:32,579
even consider becoming a patron of my

830
00:36:38,320 --> 00:36:35,069
work you can do all that and more on

831
00:36:47,470 --> 00:36:38,330
youtube or at captain disillusion calm

832
00:36:53,780 --> 00:36:50,240
on last week's episode of the skeptic

833
00:36:57,500 --> 00:36:53,790
zone I mentioned the report by choice

834
00:36:59,540 --> 00:36:57,510
magazine into the Geo cleanse home

835
00:37:04,069 --> 00:36:59,550
harmonizer from all gone effects

836
00:37:08,450 --> 00:37:04,079
Australia now this is a small lump of

837
00:37:11,870 --> 00:37:08,460
resin with a power plug sort of glued on

838
00:37:14,120 --> 00:37:11,880

or implanted into it so you can plug it

839

00:37:16,550 --> 00:37:14,130

into a power outlet why I don't know it

840

00:37:18,650 --> 00:37:16,560

doesn't do anything now this block is

841

00:37:20,210 --> 00:37:18,660

about an inch by two inches or something

842

00:37:23,630 --> 00:37:20,220

like that it's not very big and it's

843

00:37:26,030 --> 00:37:23,640

green it looks like the sort of green

844

00:37:30,290 --> 00:37:26,040

you would get if you bought something

845

00:37:35,829 --> 00:37:30,300

that their glowed in the dark I don't

846

00:37:41,150 --> 00:37:35,839

know the claims for this block of resin

847

00:37:44,780 --> 00:37:41,160

extravagant and vague and precise all at

848

00:37:47,990 --> 00:37:44,790

the same time it it's like a good luck

849

00:37:50,150 --> 00:37:48,000

charm but after the report from choice

850

00:37:51,970 --> 00:37:50,160

magazine to mendham from Australian

851

00:37:55,430 --> 00:37:51,980

skeptics and I put together this little

852

00:38:00,589 --> 00:37:55,440

item which you can find at skeptics com

853

00:38:03,500 --> 00:38:00,599

au choice rubbishes home harmonizer no

854

00:38:07,190 --> 00:38:03,510

effect and a waste of money published on

855

00:38:09,349 --> 00:38:07,200

the twenty-seventh of May 2017 choices

856

00:38:12,500 --> 00:38:09,359

put the so-called geo cleanse home

857

00:38:15,140 --> 00:38:12,510

harmonizer through a test and found it

858

00:38:17,990 --> 00:38:15,150

to be a waste of money and sure to turn

859

00:38:20,710 --> 00:38:18,000

off your friends geo cleanse is sold as

860

00:38:23,690 --> 00:38:20,720

a quote geo pathak stress and

861

00:38:26,990 --> 00:38:23,700

electromagnetic radiation harmonizer end

862

00:38:30,980 --> 00:38:27,000

quote that does sound extravagant I love

863

00:38:34,190 --> 00:38:30,990

this geo pathak stress I think that's to

864

00:38:37,040 --> 00:38:34,200

do with the mythical ley lines or earth

865

00:38:39,349 --> 00:38:37,050

energy or arrays or things like that the

866

00:38:41,540 --> 00:38:39,359

products supplied by a Victorian company

867

00:38:43,819 --> 00:38:41,550

all gone effects Australia is a solid

868

00:38:46,609 --> 00:38:43,829

block of green plastic resin with a plug

869

00:38:49,670 --> 00:38:46,619

a molded into the back it has no

870

00:38:51,829 --> 00:38:49,680

components or circuitry it is simply a

871

00:38:53,960 --> 00:38:51,839

block and a plug when plugged into a

872

00:38:55,790 --> 00:38:53,970

power point its claim to neutralize the

873

00:38:59,720 --> 00:38:55,800

effect of what choice describes as quote

874

00:39:01,340 --> 00:38:59,730

a startlingly long list of supposed

875

00:39:04,220 --> 00:39:01,350

for radiation and radio and

876

00:39:06,770 --> 00:39:04,230

electromagnetic fields from sources such

877

00:39:08,840 --> 00:39:06,780

as Wi-Fi mobile phone towers death

878

00:39:11,030 --> 00:39:08,850

in prints and negative psychic

879

00:39:13,130 --> 00:39:11,040

impressions solar flares your home smart

880

00:39:15,470 --> 00:39:13,140

meter and even your neighbors television

881

00:39:18,220 --> 00:39:15,480

a single geo cleanse home harmonizer is

882

00:39:22,120 --> 00:39:18,230

even powerful enough to harmonize

883

00:39:24,890 --> 00:39:22,130

interdimensional imprinting radiation

884

00:39:26,960 --> 00:39:24,900

sounds like some new-age rock group

885

00:39:28,820 --> 00:39:26,970

doesn't it and now with our latest hit

886

00:39:32,480 --> 00:39:28,830

it's interdimensional imprinting

887

00:39:35,510 --> 00:39:32,490

radiation go hmm personal beams and a

888

00:39:39,380 --> 00:39:35,520

variety of other made up stuff for up to

889

00:39:41,090 --> 00:39:39,390

12 acres or an entire 59 storey building

890

00:39:42,820 --> 00:39:41,100

in quote what if you live on the 60th

891

00:39:44,810 --> 00:39:42,830

floor you sort of out of luck aren't you

892

00:39:47,109 --> 00:39:44,820

what if you live on the second floor

893

00:39:49,460 --> 00:39:47,119

does it right really give you a lot of

894

00:39:53,840 --> 00:39:49,470

protection and the further you go up the

895

00:39:56,260 --> 00:39:53,850

less or from a little bit of resin the

896

00:39:58,220 --> 00:39:56,270

product promises to neutralize

897

00:40:01,580 --> 00:39:58,230

electromagnetic radiation radio

898

00:40:06,320 --> 00:40:01,590

frequencies and cosmic energy cosmic

899

00:40:09,230 --> 00:40:06,330

energy cosmic energy quote in our modern

900

00:40:11,690 --> 00:40:09,240

world things like this are impossible to

901
00:40:14,150 --> 00:40:11,700
avoid well I would have thought that

902
00:40:17,510 --> 00:40:14,160
cosmic energy was impossible to avoid if

903
00:40:19,490 --> 00:40:17,520
it exists from day one but this solid

904
00:40:22,480 --> 00:40:19,500
block of plastic promises to bring it in

905
00:40:26,109 --> 00:40:22,490
to your suffering in quote choice says

906
00:40:30,380 --> 00:40:26,119
now here's here's one of the the amorim

907
00:40:33,710 --> 00:40:30,390
ironically funny bits of the whole

908
00:40:36,680 --> 00:40:33,720
report and this is what organ effects is

909
00:40:38,810 --> 00:40:36,690
saying unlike other fake energy

910
00:40:40,609 --> 00:40:38,820
Harmonizers which all gone effects

911
00:40:43,430 --> 00:40:40,619
Australia claim can only create

912
00:40:46,820 --> 00:40:43,440
imaginary energy balancing fields of up

913
00:40:49,190 --> 00:40:46,830

to six meters or less geo cleanse claims

914

00:40:51,500 --> 00:40:49,200

to harmonize electromagnetic radiation

915

00:40:54,430 --> 00:40:51,510

and energy imprinting from electrical

916

00:40:57,770 --> 00:40:54,440

appliances wiring and power lines up to

917

00:41:01,160 --> 00:40:57,780

200 meters from your property and earth

918

00:41:04,340 --> 00:41:01,170

and magnetic grid lines up to 400 meters

919

00:41:05,750 --> 00:41:04,350

away now I think these gridlines I think

920

00:41:07,460 --> 00:41:05,760

these must be the ley lines that you

921

00:41:10,700 --> 00:41:07,470

were you may have heard about these

922

00:41:11,200 --> 00:41:10,710

mythical lines of energy that run around

923

00:41:14,680 --> 00:41:11,210

the plan

924

00:41:17,170 --> 00:41:14,690

but I love this line unlike other fake

925

00:41:20,020 --> 00:41:17,180

energy Harmonizers I wonder which ones

926
00:41:21,550 --> 00:41:20,030
they mean and I wonder how they tested

927
00:41:23,290 --> 00:41:21,560
them that all gone effects Australia I

928
00:41:25,060 --> 00:41:23,300
wonder what sort of I know what sort of

929
00:41:27,220 --> 00:41:25,070
test they would have done actually if

930
00:41:30,730 --> 00:41:27,230
they did any test law they would have

931
00:41:32,650 --> 00:41:30,740
used here it comes dowsing rods or

932
00:41:34,300 --> 00:41:32,660
divining rods in fact when I was

933
00:41:37,420 --> 00:41:34,310
speaking to one of their representatives

934
00:41:39,670 --> 00:41:37,430
own over a year ago I think it's hard to

935
00:41:42,609 --> 00:41:39,680
remember mind body wallet comes up every

936
00:41:45,060 --> 00:41:42,619
six months so after all these years they

937
00:41:48,339 --> 00:41:45,070
sort of get lost in a bit of a blur but

938
00:41:51,339 --> 00:41:48,349

at one occasion I was actually having a

939

00:41:54,370 --> 00:41:51,349

very nice and polite chat to one of the

940

00:41:56,530 --> 00:41:54,380

representatives expressing my doubts of

941

00:41:59,770 --> 00:41:56,540

course and at the end of the chat I

942

00:42:02,050 --> 00:41:59,780

offered them details Lee at the

943

00:42:04,780 --> 00:42:02,060

Australian skeptics \$100,000 challenge

944

00:42:06,160 --> 00:42:04,790

but during the course of my chat with

945

00:42:08,050 --> 00:42:06,170

one of the representatives about this

946

00:42:10,630 --> 00:42:08,060

orgone energy in the products I was

947

00:42:13,630 --> 00:42:10,640

selling he said that they would test

948

00:42:15,550 --> 00:42:13,640

things using dowsing rods to see if

949

00:42:18,280 --> 00:42:15,560

there was working like a lump of resin

950

00:42:21,670 --> 00:42:18,290

on the table or a harmonizer or what

951
00:42:24,250 --> 00:42:21,680
have you and indeed the phone patches

952
00:42:25,960 --> 00:42:24,260
they sell when I asked him what was one

953
00:42:29,349 --> 00:42:25,970
of the ways you knew it was working well

954
00:42:32,980 --> 00:42:29,359
dowsing rods and in fact on the table at

955
00:42:35,530 --> 00:42:32,990
their exhibition stand they had dowsing

956
00:42:37,839 --> 00:42:35,540
rods they're ready to go or the other

957
00:42:40,780 --> 00:42:37,849
way you can test it is by doing Kirlian

958
00:42:43,540 --> 00:42:40,790
photography or aura photography and it

959
00:42:45,940 --> 00:42:43,550
says a lot choice magazine put the

960
00:42:47,920 --> 00:42:45,950
product which retails for 150 dollars

961
00:42:51,730 --> 00:42:47,930
through a series of laboratory tests of

962
00:42:55,260 --> 00:42:51,740
the supplies claims including impact on

963
00:42:59,430 --> 00:42:55,270

magnets and electromagnetic fields none

964

00:43:03,540 --> 00:42:59,440

increase in the number of photons none

965

00:43:08,829 --> 00:43:03,550

increase in oxygen levels none and

966

00:43:10,660 --> 00:43:08,839

generating negative ions none and you'll

967

00:43:12,670 --> 00:43:10,670

remember from last week they rounded off

968

00:43:15,670 --> 00:43:12,680

their report by saying geo cleanse has

969

00:43:17,920 --> 00:43:15,680

quote the effectiveness of a tin foil

970

00:43:21,099 --> 00:43:17,930

hat but lacks the hats potential for use

971

00:43:24,730 --> 00:43:21,109

in food preparation in quote one

972

00:43:27,880 --> 00:43:24,740

purchaser on a review site did vouch for

973

00:43:30,280 --> 00:43:27,890

geo cleansers effectiveness quote the

974

00:43:32,410 --> 00:43:30,290

day after plugging it in I noticed the

975

00:43:35,200 --> 00:43:32,420

postman delivered our mail 10 minutes

976

00:43:37,000 --> 00:43:35,210

earlier which is one of the few claims

977

00:43:39,609 --> 00:43:37,010

not listed by the manufacturer and

978

00:43:42,010 --> 00:43:39,619

should definitely be added it also

979

00:43:44,079 --> 00:43:42,020

manages to make money disappear but then

980

00:43:46,359 --> 00:43:44,089

if you bought one you'd already know

981

00:43:49,300 --> 00:43:46,369

that meant quote all going to fix

982

00:43:52,150 --> 00:43:49,310

customer relations Australian skeptics

983

00:43:54,070 --> 00:43:52,160

has had a number of run-ins with the Geo

984

00:43:57,310 --> 00:43:54,080

cleanse supplier or grin effects

985

00:43:59,349 --> 00:43:57,320

Australia in 2016 skeptics investigator

986

00:44:01,420 --> 00:43:59,359

Richard Saunders had an interesting

987

00:44:04,450 --> 00:44:01,430

discussion with one of the company reps

988

00:44:06,400 --> 00:44:04,460

as I was just telling you about at the

989

00:44:08,380 --> 00:44:06,410

mind-body-spirit exhibition in Sydney

990

00:44:10,210 --> 00:44:08,390

even though Saunders was upfront about

991

00:44:12,220 --> 00:44:10,220

his role in the skeptics they talked

992

00:44:14,710 --> 00:44:12,230

openly about their range of products

993

00:44:17,530 --> 00:44:14,720

which include harmonizers for mobile

994

00:44:20,470 --> 00:44:17,540

phones and Wi-Fi radiation wristwatches

995

00:44:24,339 --> 00:44:20,480

the ionic personal protection pendant

996

00:44:29,160 --> 00:44:24,349

how many wear jewelry ionic shoe insoles

997

00:44:32,050 --> 00:44:29,170

and anionic toothbrush that'll really um

998

00:44:33,490 --> 00:44:32,060

that'll what you get a zap when you do

999

00:44:35,740 --> 00:44:33,500

that would you put it under running

1000

00:44:38,140 --> 00:44:35,750

water an offer to apply for the

1001
00:44:40,839 --> 00:44:38,150
Australian skeptics \$100,000 prize was

1002
00:44:43,480 --> 00:44:40,849
also made at this encounter in August

1003
00:44:46,120 --> 00:44:43,490
2016 Saunders ordered one of the organ

1004
00:44:48,339 --> 00:44:46,130
effects phone harmonizers as part of an

1005
00:44:50,680 --> 00:44:48,349
ongoing investigation into such devices

1006
00:44:52,900 --> 00:44:50,690
but when the company management realized

1007
00:44:55,230 --> 00:44:52,910
who he was they refunded his money now

1008
00:44:58,710 --> 00:44:55,240
that was interesting that was on the

1009
00:45:01,150 --> 00:44:58,720
11th of August 2016 and in the morning

1010
00:45:04,180 --> 00:45:01,160
we were the strange skeptics looking at

1011
00:45:07,030 --> 00:45:04,190
all a range of these fun radiation

1012
00:45:09,310 --> 00:45:07,040
shields and as a process as part of the

1013
00:45:11,859 --> 00:45:09,320

process I bought one from this company

1014

00:45:13,390 --> 00:45:11,869

one from this company and so on and then

1015

00:45:16,210 --> 00:45:13,400

I bought one online from all gone

1016

00:45:21,780 --> 00:45:16,220

effects Australia within an hour or just

1017

00:45:24,820 --> 00:45:21,790

over an hour I noticed in my paypal my

1018

00:45:26,980 --> 00:45:24,830

purchase has been refunded very quickly

1019

00:45:29,020 --> 00:45:26,990

and I was a bit confused and then very

1020

00:45:33,970 --> 00:45:29,030

shortly after I had text message on my

1021

00:45:38,049 --> 00:45:33,980

phone and it said quote are you from

1022

00:45:45,680 --> 00:45:42,769

my reply quote yes I noticed the refund

1023

00:45:50,089 --> 00:45:45,690

are you out of stock and quote I heard

1024

00:45:53,450 --> 00:45:50,099

nothing more so I can I can imagine my

1025

00:45:55,390 --> 00:45:53,460

can surmise I can speculate that after

1026
00:45:58,999 --> 00:45:55,400
my conversation with one of the reps and

1027
00:46:01,460 --> 00:45:59,009
the passing of over of our challenge

1028
00:46:03,819 --> 00:46:01,470
which is a little lamb little little

1029
00:46:07,430 --> 00:46:03,829
flyer novelty check flyer much like the

1030
00:46:10,339 --> 00:46:07,440
James Randi Educational Foundation used

1031
00:46:14,690 --> 00:46:10,349
to give up with that discussions ensued

1032
00:46:18,160 --> 00:46:14,700
at all gone effects Australia and the

1033
00:46:21,410 --> 00:46:18,170
next time I showed up at the

1034
00:46:24,410 --> 00:46:21,420
mind-body-spirit after this so that

1035
00:46:27,319 --> 00:46:24,420
would have been late in 2016 in november

1036
00:46:31,930 --> 00:46:27,329
i think it was before i even got to the

1037
00:46:36,019 --> 00:46:31,940
the stand of the organ effects australia

1038
00:46:38,329 --> 00:46:36,029

they called security and by the time in

1039

00:46:41,210 --> 00:46:38,339

bryce my friend and investigator turned

1040

00:46:44,359 --> 00:46:41,220

up as we walk down the corridor our

1041

00:46:45,950 --> 00:46:44,369

security that were there both the reps

1042

00:46:49,519 --> 00:46:45,960

from all gone effects Australia were

1043

00:46:51,620 --> 00:46:49,529

very nervous and hyper and and and they

1044

00:46:53,719 --> 00:46:51,630

looked like rabbits in the headlight one

1045

00:46:56,630 --> 00:46:53,729

of them took out his camera and took a

1046

00:46:58,219 --> 00:46:56,640

picture of me for some reason we're not

1047

00:46:59,559 --> 00:46:58,229

talking to you you're from Australian

1048

00:47:02,209 --> 00:46:59,569

skeptics you're here to cause trouble

1049

00:47:03,739 --> 00:47:02,219

they said it's a pity they took this

1050

00:47:06,109 --> 00:47:03,749

attitude because my last encounter with

1051
00:47:07,579 --> 00:47:06,119
them was very friendly but I imagine if

1052
00:47:10,910 --> 00:47:07,589
you're selling products like this you

1053
00:47:13,880 --> 00:47:10,920
might be worried about investigations we

1054
00:47:16,219 --> 00:47:13,890
read on however this sensitivity to

1055
00:47:18,019 --> 00:47:16,229
negative skeptical vibes didn't stop

1056
00:47:20,599 --> 00:47:18,029
them selling a phone harmonizer to

1057
00:47:22,969 --> 00:47:20,609
skeptics executive officer tim mendham

1058
00:47:25,370 --> 00:47:22,979
at the next mind-body-spirit fair in

1059
00:47:28,539 --> 00:47:25,380
2017 this is the same one where they

1060
00:47:31,160 --> 00:47:28,549
called security on me but Tim mendham

1061
00:47:33,680 --> 00:47:31,170
went down to their store sometime

1062
00:47:35,870 --> 00:47:33,690
earlier and simply bought one of their

1063
00:47:37,579 --> 00:47:35,880

products the seller told mendham that

1064

00:47:40,519 --> 00:47:37,589

while the harmonizer was supposed to be

1065

00:47:42,589 --> 00:47:40,529

stuck to the back of the phone and this

1066

00:47:45,739 --> 00:47:42,599

is this is a little sticker mrs. Abbott

1067

00:47:48,709 --> 00:47:45,749

just a sticker you put on it could also

1068

00:47:51,079 --> 00:47:48,719

be stuck onto the phone cover or in fact

1069

00:47:53,959 --> 00:47:51,089

just allowed to slide

1070

00:47:56,349 --> 00:47:53,969

the cover without being fixed the effect

1071

00:47:59,299 --> 00:47:56,359

would be the same he said without any

1072

00:48:00,680 --> 00:47:59,309

irony this is not the first time the

1073

00:48:03,759 --> 00:48:00,690

subject of orgone energy has been

1074

00:48:06,739 --> 00:48:03,769

investigated by Australian skeptics in

1075

00:48:08,959 --> 00:48:06,749

1986 the late racing car driver peter

1076

00:48:13,130 --> 00:48:08,969

brock was awarded the bent spoon for his

1077

00:48:16,099 --> 00:48:13,140

ill-fated energy polarizer box which was

1078

00:48:19,549 --> 00:48:16,109

also based on orgone energy now this was

1079

00:48:22,279 --> 00:48:19,559

a little box you put under the bonnet or

1080

00:48:25,279 --> 00:48:22,289

the hood of the car and it claimed to

1081

00:48:28,640 --> 00:48:25,289

make the car run smoother better give

1082

00:48:30,229 --> 00:48:28,650

you more economy everything everything

1083

00:48:32,180 --> 00:48:30,239

like that and this was based on this

1084

00:48:33,559 --> 00:48:32,190

mythical orgone energy it looks like

1085

00:48:35,450 --> 00:48:33,569

there will be another bench spoon

1086

00:48:38,269 --> 00:48:35,460

nomination for this mythical energy in

1087

00:48:40,420 --> 00:48:38,279

2017 yes that should come soon on these

1088

00:48:43,729 --> 00:48:40,430

Australian skeptics website and

1089

00:48:45,410 --> 00:48:43,739

nominations are open for the 2017 bent

1090

00:48:48,640 --> 00:48:45,420

spoon award if you live in Australia and

1091

00:48:51,319 --> 00:48:48,650

you'd like to nominate an Australian

1092

00:48:56,209 --> 00:48:51,329

outfit company product psychic

1093

00:48:58,099 --> 00:48:56,219

clairvoyant government department you

1094

00:49:01,549 --> 00:48:58,109

can do that at skeptics comte you

1095

00:49:04,130 --> 00:49:01,559

shortly I think with this history and

1096

00:49:06,680 --> 00:49:04,140

such a damning report from the respected

1097

00:49:10,089 --> 00:49:06,690

organization choice we cannot help but

1098

00:49:13,130 --> 00:49:10,099

wonder if at long last the a Triple C

1099

00:49:15,680 --> 00:49:13,140

Consumer Affairs Victoria where the

1100

00:49:18,049 --> 00:49:15,690

company is located or other state-based

1101

00:49:20,719 --> 00:49:18,059

Consumer Affairs departments might also

1102

00:49:22,309 --> 00:49:20,729

like to take a keen interest in the

1103

00:49:25,140 --> 00:49:22,319

products and claims of all gone effects

1104

00:49:30,940 --> 00:49:27,880

and of course they are the right people

1105

00:49:32,560 --> 00:49:30,950

to do it choice magazine have done a

1106

00:49:33,970 --> 00:49:32,570

great job in investigating this the

1107

00:49:36,400 --> 00:49:33,980

Australian skeptics investigate things

1108

00:49:40,450 --> 00:49:36,410

like this all the time but ultimately we

1109

00:49:43,780 --> 00:49:40,460

can't change the law or have the same

1110

00:49:46,840 --> 00:49:43,790

effect as a government department who

1111

00:49:48,760 --> 00:49:46,850

regulates such things this is basic

1112

00:49:50,680 --> 00:49:48,770

consumer affairs if you sell a lump

1113

00:49:52,370 --> 00:49:50,690

plastic and make all these claims about

1114

00:49:54,140 --> 00:49:52,380

it

1115

00:49:56,900 --> 00:49:54,150

you have to back up those claims they

1116

00:50:00,470 --> 00:49:56,910

have to be real like any product sold by

1117

00:50:03,529 --> 00:50:00,480

anybody ranging from mobile phones two

1118

00:50:06,259 --> 00:50:03,539

microphones I'm using now computers

1119

00:50:09,769 --> 00:50:06,269

fridges it doesn't matter we have

1120

00:50:12,220 --> 00:50:09,779

consumer laws in Australia we have laws

1121

00:50:15,430 --> 00:50:12,230

that protect you when you buy something

1122

00:50:20,180 --> 00:50:15,440

we have laws about making claims

1123

00:50:22,789 --> 00:50:20,190

advertising and whatever the people are

1124

00:50:28,130 --> 00:50:22,799

all gone effects Australia believe they

1125

00:50:31,759 --> 00:50:28,140

have to abide by these laws for a good

1126

00:50:35,390 --> 00:50:31,769

laugh google or go on energy who r g 0

1127

00:50:37,549 --> 00:50:35,400

and e orgone energy and find out about

1128

00:50:41,340 --> 00:50:37,559

the history of this wacky crazy zany

1129

00:50:55,609 --> 00:50:41,350

off-the-wall madcap theory

1130

00:51:01,799 --> 00:50:58,980

I'm courses hello an alley door to her

1131

00:51:03,359 --> 00:51:01,809

that the skeptics on podcasts boasted

1132

00:51:05,460 --> 00:51:03,369

year this is alvin Dutch Manannan

1133

00:51:07,980 --> 00:51:05,470

skeptic of a band gift / vital

1134

00:51:12,539 --> 00:51:07,990

information Oberon's on the skeptic a

1135

00:51:17,819 --> 00:51:12,549

magazine reserved v.v.v point gavey oop

1136

00:51:20,640 --> 00:51:17,829

a punk talk hv dejala vvv font TV rupee

1137

00:51:26,420 --> 00:51:20,650

Potok on tons of it say on facebook

1138

00:51:26,430 --> 00:51:40,620

[Music]

1139

00:51:44,520 --> 00:51:43,060

thank you for listening to the skeptic

1140

00:51:48,370 --> 00:51:44,530

zone and another and another

1141

00:51:50,140 --> 00:51:48,380

congratulations to Maynard it's it's

1142

00:51:52,720 --> 00:51:50,150

quite an interesting thing when

1143

00:51:54,310 --> 00:51:52,730

Maynard's doing something for the

1144

00:51:56,380 --> 00:51:54,320

skeptic zone as you heard with these

1145

00:51:59,109 --> 00:51:56,390

wonderful interviews at the brine green

1146

00:52:01,870 --> 00:51:59,119

talk how he is running around like a

1147

00:52:04,890 --> 00:52:01,880

lunatic getting lots of content but I

1148

00:52:07,030 --> 00:52:04,900

promise you the situation is reversed as

1149

00:52:08,859 --> 00:52:07,040

just the other night at the podcasting

1150

00:52:11,380 --> 00:52:08,869

Awards when I was running around like a

1151
00:52:15,370 --> 00:52:11,390
lunatic with my video camera and light

1152
00:52:17,620 --> 00:52:15,380
so mean I could do the red carpet the

1153
00:52:21,300 --> 00:52:17,630
Vox pops on the red carpet and look I'll

1154
00:52:23,710 --> 00:52:21,310
link to the video of the podcast awards

1155
00:52:26,230 --> 00:52:23,720
in the show notes so you can see all the

1156
00:52:28,000 --> 00:52:26,240
awards and of course May nada running up

1157
00:52:30,340 --> 00:52:28,010
to the stage and being a bit of a goose

1158
00:52:32,680 --> 00:52:30,350
what you heard in the earlier in the

1159
00:52:34,270 --> 00:52:32,690
introduction was a edited version of his

1160
00:52:37,420 --> 00:52:34,280
acceptance speech so if you want to hear

1161
00:52:40,060 --> 00:52:37,430
the whole thing head for the link i'll

1162
00:52:41,800 --> 00:52:40,070
post in the show notes i'm looking

1163
00:52:43,090 --> 00:52:41,810

forward to next weekend everybody i'm

1164

00:52:44,260 --> 00:52:43,100

looking forward to next weekend i'm

1165

00:52:46,930 --> 00:52:44,270

going to catching up with some friends

1166

00:52:49,359 --> 00:52:46,940

from the stranger things group here in

1167

00:52:51,280 --> 00:52:49,369

sydney we're having a working be

1168

00:52:53,320 --> 00:52:51,290

afternoon working bee and meeting a

1169

00:52:56,880 --> 00:52:53,330

think tank I don't know what you'd call

1170

00:52:59,980 --> 00:52:56,890

it we're going to be spending hours on

1171

00:53:02,500 --> 00:52:59,990

laptops researching predictions as part

1172

00:53:05,230 --> 00:53:02,510

of the prediction the great prediction

1173

00:53:07,750 --> 00:53:05,240

project I'm working on looking forward

1174

00:53:09,400 --> 00:53:07,760

to that it should be a lot of fun thank

1175

00:53:11,530 --> 00:53:09,410

you to those people who continue to

1176
00:53:14,109 --> 00:53:11,540
support the skeptic zone financially you

1177
00:53:15,820 --> 00:53:14,119
can do that at skeptic zone TV some

1178
00:53:18,130 --> 00:53:15,830
people chip in a dollar a week some

1179
00:53:20,980 --> 00:53:18,140
people chip in five some very generous

1180
00:53:22,830 --> 00:53:20,990
people chip in a bit more and it all

1181
00:53:25,150 --> 00:53:22,840
adds up and means that i can keep

1182
00:53:26,710 --> 00:53:25,160
bringing you the show and the reporters

1183
00:53:29,710 --> 00:53:26,720
can keep bringing you the show too so

1184
00:53:33,070 --> 00:53:29,720
thank you thank you once again but for

1185
00:53:36,550 --> 00:53:33,080
this week as I am as i go and gargle

1186
00:53:38,740 --> 00:53:36,560
some something or other two to help my

1187
00:53:40,690 --> 00:53:38,750
poor old croaky voice from last night I

1188
00:53:43,450 --> 00:53:40,700

think I got a bit carried away that was

1189

00:53:46,780 --> 00:53:43,460

me yelling hooray one minute laughs one

1190

00:53:49,390 --> 00:53:46,790

Hill port for this week this is Richard

1191

00:53:51,520 --> 00:53:49,400

Saunders moored who's sleeping yes

1192

00:53:52,720 --> 00:53:51,530

mortgage sleeping next to me I don't know

1193

00:53:54,970 --> 00:53:52,730

where Henrietta is I think

1194

00:54:01,360 --> 00:53:54,980

under the bed somewhere signing off from

1195

00:54:03,880 --> 00:54:01,370

Sydney Australia you've been listening

1196

00:54:07,420 --> 00:54:03,890

to the skeptics own podcast visit our

1197

00:54:09,670 --> 00:54:07,430

website at wwc aiptek zoomtv for

1198

00:54:14,080 --> 00:54:09,680

contacts and archive of all episodes

1199

00:54:16,210 --> 00:54:14,090

since 2008 and our online store please

1200

00:54:19,540 --> 00:54:16,220

support the skeptic zone by following us

1201

00:54:22,530 --> 00:54:19,550

on twitter at skeptic zone liking us on

1202

00:54:24,880 --> 00:54:22,540

facebook and leaving a review on iTunes

1203

00:54:27,550 --> 00:54:24,890

you can also show your support by

1204

00:54:31,300 --> 00:54:27,560

subscribing via paypal for as little as

1205

00:54:33,370 --> 00:54:31,310

99 cents a week the skeptic zone is an

1206

00:54:35,440 --> 00:54:33,380

independent production the views and

1207

00:54:37,630 --> 00:54:35,450

opinions expressed on the skeptic zone

1208

00:54:40,510 --> 00:54:37,640

and not necessarily those of Australian