



Brian Dunning

Jason Ball

The Skeptic Zone

Show 166 - 23 Dec. 2011

1
00:00:22,050 --> 00:00:09,100
welcome to the skeptic zone the podcast

2
00:00:31,630 --> 00:00:27,370
hello from show number 166 for the 23rd

3
00:00:34,810 --> 00:00:31,640
of December 2011 Richard Saunders here

4
00:00:36,640 --> 00:00:34,820
with you from well a disappointing

5
00:00:40,660 --> 00:00:36,650
Sydney Australia if you like some of

6
00:00:45,100 --> 00:00:40,670
that is it sir it's been overcast and

7
00:00:48,490 --> 00:00:45,110
raining and cool Oh month all month

8
00:00:53,049 --> 00:00:48,500
folks so like global warming in Reverse

9
00:00:55,450 --> 00:00:53,059
oh well oh well could be worse I'm sure

10
00:00:58,240 --> 00:00:55,460
January will be lovely and warm and we

11
00:01:00,820 --> 00:00:58,250
can all get down to the beach but but

12
00:01:02,649 --> 00:01:00,830
for this show for this episode of the

13
00:01:05,380 --> 00:01:02,659

skeptics and what do we have lined up

14

00:01:07,539 --> 00:01:05,390

for you I catch up with a good friend of

15

00:01:10,539 --> 00:01:07,549

the skeptic zone Brian Dunning from

16

00:01:11,889 --> 00:01:10,549

sceptile the Skip toid podcast where

17

00:01:15,099 --> 00:01:11,899

he's going to chat about little things

18

00:01:18,730 --> 00:01:15,109

like the moving rocks of Death Valley

19

00:01:22,660 --> 00:01:18,740

and his projects involving videos and a

20

00:01:25,349 --> 00:01:22,670

recent award he won always good always

21

00:01:28,209 --> 00:01:25,359

good to catch up with Brian Dunning

22

00:01:30,340 --> 00:01:28,219

after that we've got a segment from

23

00:01:33,520 --> 00:01:30,350

Perth radio Perth here in Western

24

00:01:36,309 --> 00:01:33,530

Australia announcer Jason Jordan

25

00:01:38,410 --> 00:01:36,319

interviews our reporter and president of

26

00:01:41,200 --> 00:01:38,420

the Australian skeptics here in New

27

00:01:43,149 --> 00:01:41,210

South Wales Iran sir give Jason was very

28

00:01:46,779 --> 00:01:43,159

interested to find out what skepticism

29

00:01:49,450 --> 00:01:46,789

is all about and well Iran was happy to

30

00:01:52,090 --> 00:01:49,460

tell him that interview coming up in the

31

00:01:54,969 --> 00:01:52,100

middle of the show and to round off the

32

00:01:57,819 --> 00:01:54,979

show we have Maynard back again Maynard

33

00:02:00,669 --> 00:01:57,829

wraps up his Australian skeptics and

34

00:02:03,459 --> 00:02:00,679

national conventions interviews with an

35

00:02:06,580 --> 00:02:03,469

interview with Jason ball from the young

36

00:02:09,850 --> 00:02:06,590

Australian skeptics conducted aboard our

37

00:02:12,250 --> 00:02:09,860

owl floating restaurant at darling

38

00:02:15,790 --> 00:02:12,260

harbour after the convention at the

39

00:02:19,450 --> 00:02:15,800

dinner and if that's not enough after

40

00:02:22,420 --> 00:02:19,460

that Iran sir give turns the microphones

41

00:02:24,550 --> 00:02:22,430

on Maynard and interviews him now i must

42

00:02:29,890 --> 00:02:24,560

say a big thank you to everybody who put

43

00:02:32,710 --> 00:02:29,900

in a bid for the signed CD from Maynard

44

00:02:34,720 --> 00:02:32,720

Maynard classics and the sceptile three

45

00:02:37,300 --> 00:02:34,730

book and as it turned out the poster

46

00:02:41,770 --> 00:02:37,310

from the recent committee for skeptical

47

00:02:44,980 --> 00:02:41,780

inquiry convention in New Orleans thanks

48

00:02:47,380 --> 00:02:44,990

very much and I posted those goodies

49

00:02:49,860 --> 00:02:47,390

plus a few more surprises off to the

50

00:02:52,540 --> 00:02:49,870

lucky winner a few days ago

51
00:02:55,950 --> 00:02:52,550
congratulations and thank you thank you

52
00:02:57,940 --> 00:02:55,960
for pitching in and helping Maynard

53
00:03:00,430 --> 00:02:57,950
that's the goal folks we gotta get

54
00:03:03,070 --> 00:03:00,440
Maynard to tam ten next year and I'm

55
00:03:06,280 --> 00:03:03,080
thrilled to say that we have reached the

56
00:03:07,870 --> 00:03:06,290
halfway point in the funds we need so

57
00:03:10,600 --> 00:03:07,880
there's no doubt in my mind we'll get

58
00:03:12,520 --> 00:03:10,610
there absolutely sure of that with your

59
00:03:14,410 --> 00:03:12,530
help with your help will certainly get

60
00:03:17,860 --> 00:03:14,420
there and I think we'll have another

61
00:03:20,590 --> 00:03:17,870
auction very soon some more skeptical

62
00:03:22,510 --> 00:03:20,600
goodies and memorabilia coming up and

63
00:03:26,340 --> 00:03:22,520

before we get stuck into the show a

64

00:03:30,090 --> 00:03:26,350

reminder to visit skeptic zone TV and

65

00:03:33,730 --> 00:03:30,100

see the links and information there and

66

00:03:35,710 --> 00:03:33,740

also to click on our blog which is dr.

67

00:03:38,560 --> 00:03:35,720

Reggie's blog the skeptics book of

68

00:03:40,270 --> 00:03:38,570

poo-poo to keep up to date with what

69

00:03:45,190 --> 00:03:40,280

rate she's getting into at the moment

70

00:03:47,380 --> 00:03:45,200

and Eve axes no doubt all right what is

71

00:03:49,180 --> 00:03:47,390

eggnog what the hell is it we don't have

72

00:03:52,480 --> 00:03:49,190

eggnog here I'm Chuck nip wizard an egg

73

00:03:55,060 --> 00:03:52,490

and nog how do you look I'm gonna run

74

00:03:56,910 --> 00:03:55,070

downstairs I'm gonna look in the

75

00:03:59,650 --> 00:03:56,920

cupboard see if I have some eggnog

76

00:04:03,700 --> 00:03:59,660

breather put it in the microwave you

77

00:04:06,810 --> 00:04:03,710

freeze it you warm it over the oven you

78

00:04:09,310 --> 00:04:06,820

shake it maybe you have it with vodka

79

00:04:12,670 --> 00:04:09,320

maybe I should google it all right well

80

00:04:34,670 --> 00:04:12,680

I'm doing that we can all enjoy this

81

00:04:39,570 --> 00:04:37,110

and joining me on the line from

82

00:04:41,219 --> 00:04:39,580

beautiful orange county in beautiful

83

00:04:44,659 --> 00:04:41,229

california in the wonderful united

84

00:04:48,510 --> 00:04:44,669

states it's the mediocre brian dunning

85

00:04:50,339 --> 00:04:48,520

from scum toy calm that's the man brian

86

00:04:53,029 --> 00:04:50,349

good to catch up with you for this end

87

00:04:56,100 --> 00:04:53,039

of the year sort of roundup chat about

88

00:04:58,290 --> 00:04:56,110

skeptical matters and skeptical matters

89

00:05:00,779 --> 00:04:58,300

into yes and speaking of sort of

90

00:05:03,240 --> 00:05:00,789

skeptical matters i happen to know that

91

00:05:07,140 --> 00:05:03,250

you were the recipient very recently of

92

00:05:09,480 --> 00:05:07,150

an award for your wonderful online video

93

00:05:11,700 --> 00:05:09,490

here be dragons yes here be dragons

94

00:05:15,409 --> 00:05:11,710

which I which I made actually back in

95

00:05:18,300 --> 00:05:15,419

two thousand eight with a you know a

96

00:05:20,550 --> 00:05:18,310

stream Li limited budget and no release

97

00:05:22,019 --> 00:05:20,560

obviously it's just a just there on the

98

00:05:24,629 --> 00:05:22,029

internet for whoever wants to find it

99

00:05:26,610 --> 00:05:24,639

and yeah it's just it's kind of been

100

00:05:29,610 --> 00:05:26,620

constantly growing in those three years

101
00:05:32,369 --> 00:05:29,620
ever since more and more people are

102
00:05:34,740 --> 00:05:32,379
emailing me about it the teachers saying

103
00:05:37,409 --> 00:05:34,750
that they use it in schools and then a

104
00:05:39,450 --> 00:05:37,419
few months ago I got an email from the

105
00:05:42,059 --> 00:05:39,460
Portland humanist Film Festival and they

106
00:05:43,680 --> 00:05:42,069
they had selected it for I believe they

107
00:05:46,879 --> 00:05:43,690
called it the independent to juried

108
00:05:50,459 --> 00:05:46,889
award Wow it was up in Portland Oregon

109
00:05:53,070 --> 00:05:50,469
last month and so they they flew me up

110
00:05:55,170 --> 00:05:53,080
there and and hosted me and I had a

111
00:05:57,209 --> 00:05:55,180
great time what a wonderful little film

112
00:05:59,399 --> 00:05:57,219
fest it is in Portland is such a such a

113
00:06:01,469 --> 00:05:59,409

neat little city Portland Oregon yeah

114

00:06:04,110 --> 00:06:01,479

you know raining all the time and there

115

00:06:06,269 --> 00:06:04,120

was a occupy portland protests and

116

00:06:09,600 --> 00:06:06,279

clashes with riot police going on it was

117

00:06:11,010 --> 00:06:09,610

really really a fun time i'm sorry i

118

00:06:12,930 --> 00:06:11,020

couldn't have joined you for that i

119

00:06:14,550 --> 00:06:12,940

think i would have I would have

120

00:06:16,730 --> 00:06:14,560

sincerely enjoyed that because i've been

121

00:06:20,249 --> 00:06:16,740

to oregon i found it a wonderful place

122

00:06:24,659 --> 00:06:20,259

but congratulations again because I I

123

00:06:26,730 --> 00:06:24,669

find myself watching that video since it

124

00:06:29,279 --> 00:06:26,740

came out maybe at least once a year just

125

00:06:32,579 --> 00:06:29,289

to refresh myself and some of the ideas

126

00:06:34,790 --> 00:06:32,589

and you have a wonderful part in it

127

00:06:38,240 --> 00:06:34,800

which was the very first skep tied a

128

00:06:42,000 --> 00:06:38,250

podcast about energy and I'm

129

00:06:45,120 --> 00:06:42,010

constantly having to tell people what

130

00:06:47,430 --> 00:06:45,130

energy is or at least say to them now

131

00:06:49,860 --> 00:06:47,440

when you talk about energy what do you

132

00:06:51,870 --> 00:06:49,870

mean and they said although then we say

133

00:06:53,280 --> 00:06:51,880

something like well energies everything

134

00:06:56,900 --> 00:06:53,290

is made from energy and it's all around

135

00:06:58,980 --> 00:06:56,910

us and we all vibrate and I'm going head

136

00:07:02,160 --> 00:06:58,990

that's as good a definition as I've

137

00:07:03,690 --> 00:07:02,170

heard but thanks to your here be dragons

138

00:07:06,270 --> 00:07:03,700

and of course the first very first

139

00:07:08,910 --> 00:07:06,280

episode of sceptile at least I've got a

140

00:07:11,910 --> 00:07:08,920

much better understanding and indeed you

141

00:07:14,310 --> 00:07:11,920

covered this topic New Age energy or the

142

00:07:18,900 --> 00:07:14,320

topic of energy what is energy in one of

143

00:07:21,330 --> 00:07:18,910

your nice little quick and insightful in

144

00:07:24,210 --> 00:07:21,340

fact videos which are also available

145

00:07:26,880 --> 00:07:24,220

online yes it's kind of been it's kind

146

00:07:28,890 --> 00:07:26,890

of a big several months of video for me

147

00:07:30,690 --> 00:07:28,900

not only was there here be dragons at

148

00:07:32,640 --> 00:07:30,700

the Film Festival which I got to see on

149

00:07:34,680 --> 00:07:32,650

the on the big screen for the first time

150

00:07:36,600 --> 00:07:34,690

I was in a real theater that was

151

00:07:39,630 --> 00:07:36,610

something else but yeah the in fact

152

00:07:42,990 --> 00:07:39,640

series of videos that I'm kind of a

153

00:07:47,610 --> 00:07:43,000

little bit past midway in season two and

154

00:07:49,410 --> 00:07:47,620

I guess the most recent video was i'm on

155

00:07:52,680 --> 00:07:49,420

the website right now was environmental

156

00:07:54,450 --> 00:07:52,690

toxins the neat thing about these videos

157

00:07:57,420 --> 00:07:54,460

is I make them specifically for the

158

00:07:59,120 --> 00:07:57,430

YouTube audience which as we know is an

159

00:08:02,180 --> 00:07:59,130

audience that's not necessarily

160

00:08:04,440 --> 00:08:02,190

well-versed in scientific matters so

161

00:08:06,060 --> 00:08:04,450

environmental toxins is designed to be

162

00:08:09,180 --> 00:08:06,070

just a kind of quick three-minute

163

00:08:10,710 --> 00:08:09,190

distilled answer to how you should how

164

00:08:13,230 --> 00:08:10,720

you should consider these stories in the

165

00:08:15,570 --> 00:08:13,240

news we're constantly being exposed to

166

00:08:17,880 --> 00:08:15,580

these scare stories where poisons are

167

00:08:20,130 --> 00:08:17,890

found in the drinking water poisons are

168

00:08:21,570 --> 00:08:20,140

found in your baby food everything

169

00:08:23,430 --> 00:08:21,580

anything and everything and so

170

00:08:25,950 --> 00:08:23,440

environmental toxins in this episode I

171

00:08:28,710 --> 00:08:25,960

just kind of give basically that the

172

00:08:30,870 --> 00:08:28,720

easy examples that easily grasp it

173

00:08:32,850 --> 00:08:30,880

understood examples of how everything is

174

00:08:34,590 --> 00:08:32,860

a poison and how everything is dangerous

175

00:08:36,600 --> 00:08:34,600

it depends completely upon the dose

176
00:08:38,760 --> 00:08:36,610
there's no such thing between something

177
00:08:40,380 --> 00:08:38,770
that's always noticing something that's

178
00:08:43,460 --> 00:08:40,390
always poisonous there's no such thing

179
00:08:45,750 --> 00:08:43,470
as something that's always safe so I I

180
00:08:47,310 --> 00:08:45,760
try to make these videos for for the

181
00:08:50,400 --> 00:08:47,320
YouTube audience which i think is a I

182
00:08:51,870 --> 00:08:50,410
think is a very worthy goal and of

183
00:08:55,440 --> 00:08:51,880
course the only reason you

184
00:08:57,510 --> 00:08:55,450
indeed make these videos or if you get

185
00:08:59,720 --> 00:08:57,520
down to the the pointy end of the

186
00:09:02,370 --> 00:08:59,730
argument get skip toyed out is because

187
00:09:05,910 --> 00:09:02,380
your fans and well-meaning people

188
00:09:08,370 --> 00:09:05,920

actually kick in chip in and let people

189

00:09:11,520 --> 00:09:08,380

like you and me do what we want to do

190

00:09:13,590 --> 00:09:11,530

and produce this stuff yeah yes thus

191

00:09:15,810 --> 00:09:13,600

kept I'd podcast is very nearly a full

192

00:09:18,240 --> 00:09:15,820

time job for me so that's completely

193

00:09:19,620 --> 00:09:18,250

supported by by listener donations so

194

00:09:21,000 --> 00:09:19,630

there's advertising on the website and

195

00:09:23,070 --> 00:09:21,010

few things like that but that's that's

196

00:09:25,200 --> 00:09:23,080

drop in the bucket it's it's ninety-nine

197

00:09:27,860 --> 00:09:25,210

percent listen or donations and the in

198

00:09:30,360 --> 00:09:27,870

fact videos are one hundred percent

199

00:09:32,040 --> 00:09:30,370

viewer funded there's a little

200

00:09:34,320 --> 00:09:32,050

thermometer on the website and every

201
00:09:37,710 --> 00:09:34,330
time the thermometer gets filled I make

202
00:09:40,770 --> 00:09:37,720
a new episode and so the next one which

203
00:09:43,020 --> 00:09:40,780
is on conspiracy theories that

204
00:09:44,220 --> 00:09:43,030
thermometer is ninety percent full right

205
00:09:45,390 --> 00:09:44,230
now and probably will be a hundred

206
00:09:47,760 --> 00:09:45,400
percent poll by the time this episode

207
00:09:50,100 --> 00:09:47,770
comes out but if anyone wants to see

208
00:09:53,610 --> 00:09:50,110
where that thermometer is come to in

209
00:09:56,640 --> 00:09:53,620
fact video.com and click on support its

210
00:09:58,410 --> 00:09:56,650
I think it's good for people to realize

211
00:10:00,240 --> 00:09:58,420
and I try to remind my listeners

212
00:10:02,670 --> 00:10:00,250
whenever I whenever I can I don't want

213
00:10:05,700 --> 00:10:02,680

to go overboard doing it but yes when

214

00:10:08,490 --> 00:10:05,710

they chip in and contribute and some

215

00:10:13,590 --> 00:10:08,500

people are very generous and send in yes

216

00:10:15,420 --> 00:10:13,600

money that they can see or hear maybe

217

00:10:19,020 --> 00:10:15,430

more importantly they can hear what that

218

00:10:21,480 --> 00:10:19,030

money goes to for my part it certainly

219

00:10:23,370 --> 00:10:21,490

goes right into production and getting

220

00:10:26,220 --> 00:10:23,380

people here and there and getting the

221

00:10:28,440 --> 00:10:26,230

show out and for your part it means that

222

00:10:30,690 --> 00:10:28,450

they can sit back week after week after

223

00:10:34,350 --> 00:10:30,700

week and enjoy their 10 minutes of

224

00:10:36,480 --> 00:10:34,360

sceptile like like me I'm sure you often

225

00:10:38,550 --> 00:10:36,490

get emails from people saying how can I

226
00:10:41,250 --> 00:10:38,560
help what what can I do to help promote

227
00:10:42,990 --> 00:10:41,260
skepticism this is the easiest thing

228
00:10:45,870 --> 00:10:43,000
because there's lots of guys like me and

229
00:10:47,970 --> 00:10:45,880
you who are spending full time or

230
00:10:51,690 --> 00:10:47,980
virtually full time trying to produce

231
00:10:53,220 --> 00:10:51,700
this content and you know we I'm

232
00:10:55,800 --> 00:10:53,230
certainly past the point where i can

233
00:10:59,520 --> 00:10:55,810
continue making sceptile free and i

234
00:11:01,140 --> 00:10:59,530
don't i make it based on the tiny number

235
00:11:02,730 --> 00:11:01,150
of subscriptions that come that come

236
00:11:04,140 --> 00:11:02,740
creeping through the door a lot of

237
00:11:05,550 --> 00:11:04,150
people are still out there thinking hey

238
00:11:08,550 --> 00:11:05,560

other people are donating I not

239

00:11:11,850 --> 00:11:08,560

I don't need to that's not the case we

240

00:11:13,950 --> 00:11:11,860

do need more help but it is really an

241

00:11:16,800 --> 00:11:13,960

easy way for everyone to make a

242

00:11:18,660 --> 00:11:16,810

meaningful contribution without having

243

00:11:20,519 --> 00:11:18,670

to spend a lot of time or come up with

244

00:11:22,740 --> 00:11:20,529

some new project or try and compete in

245

00:11:26,190 --> 00:11:22,750

itunes and all this all this annoys

246

00:11:28,079 --> 00:11:26,200

that's out there so it's it really is a

247

00:11:30,180 --> 00:11:28,089

projects like this or a way to really

248

00:11:32,130 --> 00:11:30,190

bring the community together and produce

249

00:11:33,180 --> 00:11:32,140

some hopefully high quality content

250

00:11:35,670 --> 00:11:33,190

that's going to do some good out in the

251
00:11:39,329 --> 00:11:35,680
world it's a classic case of many hands

252
00:11:40,980 --> 00:11:39,339
make light work and indeed when people

253
00:11:43,410 --> 00:11:40,990
chip in a dollar a week or what if it

254
00:11:46,440 --> 00:11:43,420
was you don't notice that however it can

255
00:11:48,570 --> 00:11:46,450
turn into a a meaningful certainly a

256
00:11:50,460 --> 00:11:48,580
meaningful thing but that's that's all

257
00:11:52,710 --> 00:11:50,470
very good and I'm pleased that people

258
00:11:54,480 --> 00:11:52,720
are helping people like like you and me

259
00:11:57,060 --> 00:11:54,490
produce and do what we want to do so

260
00:11:59,280 --> 00:11:57,070
thank you everybody thank you very much

261
00:12:01,110 --> 00:11:59,290
thank you for any for any of the skeptic

262
00:12:03,840 --> 00:12:01,120
zone listeners who also supports kept

263
00:12:07,110 --> 00:12:03,850

toyed thank you very very much it means

264

00:12:09,090 --> 00:12:07,120

everything and vice versa I must say I

265

00:12:10,920 --> 00:12:09,100

like to think that people hear their

266

00:12:13,079 --> 00:12:10,930

latest they get the latest skip toyed

267

00:12:14,730 --> 00:12:13,089

fix every week and then then press the

268

00:12:16,079 --> 00:12:14,740

button and get there later skeptic zone

269

00:12:18,780 --> 00:12:16,089

and then they would have to sit for a

270

00:12:20,310 --> 00:12:18,790

week oh the bat best part with you what

271

00:12:22,020 --> 00:12:20,320

am I going to do I can't wait for the

272

00:12:24,210 --> 00:12:22,030

next episode to come oh I know I I

273

00:12:26,700 --> 00:12:24,220

people people are always telling me I

274

00:12:28,260 --> 00:12:26,710

downloaded 50 episodes and I listened to

275

00:12:30,030 --> 00:12:28,270

six of them at a time when I'm driving

276

00:12:33,810 --> 00:12:30,040

to work or something like that like I

277

00:12:36,840 --> 00:12:33,820

need more I did what Wow what dude my

278

00:12:40,950 --> 00:12:36,850

best now I I had some really great

279

00:12:44,130 --> 00:12:40,960

feedback recently about the the episode

280

00:12:47,850 --> 00:12:44,140

where you and I you and I visited Death

281

00:12:50,970 --> 00:12:47,860

Valley and over out there on the salt

282

00:12:52,380 --> 00:12:50,980

plane at the place which is really far

283

00:12:55,170 --> 00:12:52,390

below sea level I just can't think about

284

00:12:56,820 --> 00:12:55,180

water thank you bad water and I had

285

00:12:59,130 --> 00:12:56,830

quite a few emails from people saying

286

00:13:02,130 --> 00:12:59,140

how much they appreciated the fact that

287

00:13:05,550 --> 00:13:02,140

we recorded a little bit right on scene

288

00:13:07,829 --> 00:13:05,560

as it were sort of helping them or

289

00:13:09,630 --> 00:13:07,839

inviting them almost to be on our little

290

00:13:11,400 --> 00:13:09,640

trip with us and I must say and I tell

291

00:13:12,600 --> 00:13:11,410

everybody I meet people who want to

292

00:13:13,800 --> 00:13:12,610

listen to me and people who don't want

293

00:13:17,579 --> 00:13:13,810

to listen to me and strangers in the

294

00:13:19,310 --> 00:13:17,589

street what are great incredible place

295

00:13:22,010 --> 00:13:19,320

Death Valley is and it's one

296

00:13:24,470 --> 00:13:22,020

places that must be in anybody's to-do

297

00:13:26,690 --> 00:13:24,480

list bucket list or what have you and

298

00:13:29,030 --> 00:13:26,700

you you lucky man you get to get go

299

00:13:31,100 --> 00:13:29,040

there quite often I'm about four or five

300

00:13:32,630 --> 00:13:31,110

hours drive away which you know in

301

00:13:35,000 --> 00:13:32,640

California distance that's not all that

302

00:13:37,580 --> 00:13:35,010

much and I go there I go there every

303

00:13:38,840 --> 00:13:37,590

time I get an excuse PSO any listeners

304

00:13:40,370 --> 00:13:38,850

from out of town if you're ever in

305

00:13:42,770 --> 00:13:40,380

Southern California you want to see

306

00:13:46,430 --> 00:13:42,780

Death Valley give me a call more than

307

00:13:47,990 --> 00:13:46,440

likely oh thank you there yeah it's and

308

00:13:49,640 --> 00:13:48,000

Richard the three days that you and I

309

00:13:52,190 --> 00:13:49,650

were there I mean we saw just a fraction

310

00:13:53,900 --> 00:13:52,200

of it I mean I had to plan the quickest

311

00:13:55,400 --> 00:13:53,910

and dirtiest route possible to catch

312

00:13:57,770 --> 00:13:55,410

just a few of the highlights in one

313

00:14:00,710 --> 00:13:57,780

sweep through but we could have spend

314

00:14:02,270 --> 00:14:00,720

weeks there and not run out of things to

315

00:14:04,250 --> 00:14:02,280

see that we're just as amazing as all

316

00:14:05,900 --> 00:14:04,260

the places we did go well I was

317

00:14:07,940 --> 00:14:05,910

staggered at the end of the three days

318

00:14:10,670 --> 00:14:07,950

it was I couldn't take it all in

319

00:14:14,660 --> 00:14:10,680

everything we did from the the bad water

320

00:14:16,700 --> 00:14:14,670

to the this we encountered snow in the

321

00:14:20,330 --> 00:14:16,710

one day we encountered snow and a

322

00:14:22,430 --> 00:14:20,340

sandstorm and scenery ever changing and

323

00:14:24,320 --> 00:14:22,440

of course the highlight of the trip was

324

00:14:26,750 --> 00:14:24,330

going to the racetrack to see the

325

00:14:28,400 --> 00:14:26,760

marvelous giant moving rocks which

326
00:14:29,660 --> 00:14:28,410
really do move although you don't see

327
00:14:33,050 --> 00:14:29,670
the movement can certainly see that

328
00:14:34,730 --> 00:14:33,060
their tracks and of course one of the

329
00:14:38,000 --> 00:14:34,740
comp the classic comment from visiting

330
00:14:40,280 --> 00:14:38,010
that spot is I actually went to a world

331
00:14:43,430 --> 00:14:40,290
mystery spot where something really

332
00:14:44,870 --> 00:14:43,440
happens yet said that's that's the neat

333
00:14:47,120 --> 00:14:44,880
thing about it because something

334
00:14:48,650 --> 00:14:47,130
actually does happen there and we had

335
00:14:50,540 --> 00:14:48,660
this conversation on the way if you go

336
00:14:52,790 --> 00:14:50,550
to a haunted house or something like

337
00:14:55,910 --> 00:14:52,800
that and you bring your video camera I'm

338
00:14:57,410 --> 00:14:55,920

going to get some cool video of what of

339

00:14:59,930 --> 00:14:57,420

course you go to a haunted house with

340

00:15:01,310 --> 00:14:59,940

nothing happens add you go to the

341

00:15:03,110 --> 00:15:01,320

racetrack you're not going to see the

342

00:15:04,760 --> 00:15:03,120

move but you can see that the evidence

343

00:15:06,890 --> 00:15:04,770

of the moving because the rocks they've

344

00:15:10,490 --> 00:15:06,900

all leave these great obvious tracks in

345

00:15:12,320 --> 00:15:10,500

the mud yes so you actually get to go to

346

00:15:13,910 --> 00:15:12,330

a place where something actually happens

347

00:15:16,130 --> 00:15:13,920

that's that's that's something that's

348

00:15:19,190 --> 00:15:16,140

all too rare in the whole kind of you

349

00:15:21,320 --> 00:15:19,200

know spooky paranormal world it is it is

350

00:15:23,180 --> 00:15:21,330

you gotta look for Bigfoot or luckiest

351

00:15:25,100 --> 00:15:23,190

one so you can sit there for a year with

352

00:15:27,290 --> 00:15:25,110

your camera nothing will happen to go to

353

00:15:31,220 --> 00:15:27,300

this place there they are these

354

00:15:33,079 --> 00:15:31,230

wonderful incredible big I was surprised

355

00:15:35,780 --> 00:15:33,089

at the size of some of these rocks

356

00:15:37,369 --> 00:15:35,790

these big daddy got two and I'm right

357

00:15:39,199 --> 00:15:37,379

number for it I don't walk as far out as

358

00:15:41,569 --> 00:15:39,209

we went this time and there's lots of

359

00:15:43,160 --> 00:15:41,579

smaller rocks out toward the out toward

360

00:15:45,230 --> 00:15:43,170

the edges kind of the first mile or so

361

00:15:47,329 --> 00:15:45,240

yeah you go all the way across to where

362

00:15:50,780 --> 00:15:47,339

you and I went there's some big ones boy

363

00:15:53,360 --> 00:15:50,790

and we certainly felt felt the the

364

00:15:55,910 --> 00:15:53,370

biting unbelievably biting cold wind

365

00:15:57,619 --> 00:15:55,920

that day that was just incredible and of

366

00:15:58,910 --> 00:15:57,629

course that cold weather that you get

367

00:16:02,629 --> 00:15:58,920

there on the racetrack that's a large

368

00:16:05,929 --> 00:16:02,639

part of why the rocks move now I'm

369

00:16:07,970 --> 00:16:05,939

trying to visualize you you've come up

370

00:16:09,829 --> 00:16:07,980

with a very good reason as to why these

371

00:16:13,970 --> 00:16:09,839

rocks probably move and it has to do

372

00:16:18,019 --> 00:16:13,980

with ice and wind doesn't it yeah when I

373

00:16:20,449 --> 00:16:18,029

was there doe gosh 2002 something like

374

00:16:23,090 --> 00:16:20,459

that i'm not sure the data about them it

375

00:16:24,590 --> 00:16:23,100

was absolutely freezing but it was a

376

00:16:26,929 --> 00:16:24,600

little bit later in the year it was

377

00:16:28,970 --> 00:16:26,939

after there had been some snow melt and

378

00:16:30,860 --> 00:16:28,980

the racetrack is quite high up in

379

00:16:32,600 --> 00:16:30,870

elevation even though it's this flat dry

380

00:16:34,040 --> 00:16:32,610

mud lake bed you think of it something

381

00:16:37,429 --> 00:16:34,050

down at sea level but it's not it's

382

00:16:40,549 --> 00:16:37,439

quite high and you get you get snow up

383

00:16:41,989 --> 00:16:40,559

there and when the snow melts and runs

384

00:16:45,319 --> 00:16:41,999

down onto the racetrack you get a like

385

00:16:48,079 --> 00:16:45,329

and in the in the winter it can be

386

00:16:51,199 --> 00:16:48,089

extremely windy up there and when it's

387

00:16:53,809 --> 00:16:51,209

below freezing and it's windy you have

388

00:16:56,299 --> 00:16:53,819

these huge sheets of ice forming across

389

00:16:58,400 --> 00:16:56,309

the top of this lake and the wind pushes

390

00:17:01,400 --> 00:16:58,410

the whole lake and pushes the sheet of

391

00:17:03,410 --> 00:17:01,410

ice across across the the mudflats and

392

00:17:05,179 --> 00:17:03,420

that was that was something that I had

393

00:17:07,939 --> 00:17:05,189

no expectation of seeing it was a

394

00:17:12,529 --> 00:17:07,949

complete surprise to me and there's

395

00:17:13,669 --> 00:17:12,539

video of that on on YouTube yeah Richard

396

00:17:15,500 --> 00:17:13,679

you put in your show notes you can put a

397

00:17:17,990 --> 00:17:15,510

link to that video on youtube of the of

398

00:17:19,549 --> 00:17:18,000

the the ice sheet moving moving across

399

00:17:20,870 --> 00:17:19,559

the lake if people want to see that it

400

00:17:22,909 --> 00:17:20,880

was really something to see this whole

401

00:17:26,720 --> 00:17:22,919

Lake moving at just about a walking

402

00:17:28,700 --> 00:17:26,730

speed and of course you know wind and

403

00:17:30,260 --> 00:17:28,710

mud that doesn't have horsepower to pick

404

00:17:33,620 --> 00:17:30,270

up a rock that's stuck in the mud ants

405

00:17:35,240 --> 00:17:33,630

and started moving along but a you know

406

00:17:37,220 --> 00:17:35,250

a sheet of ice well just think of a

407

00:17:39,169 --> 00:17:37,230

glacier a sheet of ice can move whatever

408

00:17:41,120 --> 00:17:39,179

the heck it wants to move no matter how

409

00:17:43,039 --> 00:17:41,130

much that rock ways and that's exactly

410

00:17:46,290 --> 00:17:43,049

what happens and it's really something

411

00:17:49,700 --> 00:17:46,300

else to see it so are you saying that

412

00:17:53,910 --> 00:17:49,710

the I the water will will thought will

413

00:17:56,370 --> 00:17:53,920

come into the the the area but be

414

00:18:00,230 --> 00:17:56,380

advised snow or snow melt will it freeze

415

00:18:03,300 --> 00:18:00,240

around the rocks or will the rocks

416

00:18:06,690 --> 00:18:03,310

encounter the leading edge of a movement

417

00:18:09,090 --> 00:18:06,700

of ice I think both happen certainly

418

00:18:10,770 --> 00:18:09,100

certainly both happen in fact because

419

00:18:12,630 --> 00:18:10,780

when when I was there there was rocks

420

00:18:14,820 --> 00:18:12,640

out in the water and there was rocks in

421

00:18:18,540 --> 00:18:14,830

the path of where this lake was moving

422

00:18:20,970 --> 00:18:18,550

to and you know that is from from being

423

00:18:22,560 --> 00:18:20,980

there we see rocks that will their their

424

00:18:24,060 --> 00:18:22,570

paths will go out one direction and then

425

00:18:26,280 --> 00:18:24,070

it will come back a day in the direction

426

00:18:27,930 --> 00:18:26,290

it came from and they'll sometimes

427

00:18:30,300 --> 00:18:27,940

they'll they'll go to different

428

00:18:33,080 --> 00:18:30,310

directions nearby each other yeah and

429

00:18:35,190 --> 00:18:33,090

it's it's fairly clear watching these

430

00:18:36,870 --> 00:18:35,200

watching these sheets of ice as they

431

00:18:38,730 --> 00:18:36,880

break up and they get pushed across the

432

00:18:40,680 --> 00:18:38,740

surface of this moving lake you know

433

00:18:42,270 --> 00:18:40,690

it's not all one uniform motion it's

434

00:18:45,150 --> 00:18:42,280

little bits and pieces going here and

435

00:18:46,950 --> 00:18:45,160

there and of course in the afternoon

436

00:18:48,900 --> 00:18:46,960

when the wind changes direction the

437

00:18:51,150 --> 00:18:48,910

sheet of ice comes right back again and

438

00:18:54,420 --> 00:18:51,160

is either going to push nudge or drag

439

00:18:55,890 --> 00:18:54,430

any rocks that are caught in it I a

440

00:18:57,420 --> 00:18:55,900

crossed our mind or it certainly crossed

441

00:18:59,460 --> 00:18:57,430

my mind when I was there I thought well

442

00:19:01,440 --> 00:18:59,470

why don't we just set up a tent brine

443

00:19:03,600 --> 00:19:01,450

here for a couple of weeks and we can

444

00:19:07,680 --> 00:19:03,610

wait and see it really happening but it

445

00:19:09,630 --> 00:19:07,690

is it is a severe there isn't it it's

446

00:19:11,520 --> 00:19:09,640

it's not like you can just set up a tent

447

00:19:12,750 --> 00:19:11,530

and sit back with you a campfire and

448

00:19:15,330 --> 00:19:12,760

have a cup of tea and wait for these

449

00:19:18,660 --> 00:19:15,340

things to happen it's bitter it's better

450

00:19:21,120 --> 00:19:18,670

conditions yeah I think I think I really

451

00:19:23,100 --> 00:19:21,130

do want to plan it plan a trip to get

452

00:19:24,630 --> 00:19:23,110

out there and see it but it's not going

453

00:19:27,210 --> 00:19:24,640

to be set up a tent and wait for a week

454

00:19:29,520 --> 00:19:27,220

it's you go there when the conditions

455

00:19:31,500 --> 00:19:29,530

are likely to be good and you spend one

456

00:19:33,060 --> 00:19:31,510

night there and you kind of get in and

457

00:19:35,940 --> 00:19:33,070

out that's that's that's what I'm

458

00:19:39,120 --> 00:19:35,950

planning to do Death Valley folks again

459

00:19:41,670 --> 00:19:39,130

i can't i can't recommend it enough it's

460

00:19:44,100 --> 00:19:41,680

you can't see it all in a day or two

461

00:19:46,140 --> 00:19:44,110

days or a week or whatever it is there

462

00:19:48,690 --> 00:19:46,150

are places to stay I sound like a

463

00:19:50,340 --> 00:19:48,700

tourism advocate for national parks in

464

00:19:51,990 --> 00:19:50,350

California don't know but it really is a

465

00:19:54,600 --> 00:19:52,000

wonderful place where I came back from

466

00:19:56,910 --> 00:19:54,610

tam Australia I sounded exactly like you

467

00:19:58,740 --> 00:19:56,920

and I'm telling people about the guru

468

00:20:02,220 --> 00:19:58,750

and the olgas so

469

00:20:05,280 --> 00:20:02,230

now Brian what we hope is going to

470

00:20:07,560 --> 00:20:05,290

happen in 2012 before the end of the

471

00:20:10,410 --> 00:20:07,570

world is this certainly enough interest

472

00:20:12,480 --> 00:20:10,420

here in Australia to look at getting you

473

00:20:14,010 --> 00:20:12,490

back out flying you back out and doing a

474

00:20:15,750 --> 00:20:14,020

little tour and what I'd like to do

475

00:20:17,640 --> 00:20:15,760

right now is put it to our listeners

476

00:20:19,860 --> 00:20:17,650

here in Australia in the capital cities

477

00:20:22,650 --> 00:20:19,870

and maybe some of the bigger regional

478

00:20:24,570 --> 00:20:22,660

ones if we can get Brian Dunning out

479

00:20:26,490 --> 00:20:24,580

here would you like to see him talk and

480

00:20:28,980 --> 00:20:26,500

maybe do a double act with yours truly

481

00:20:33,030 --> 00:20:28,990

maybe a double bill a double skeptical

482

00:20:36,000 --> 00:20:33,040

talk sometime in 2012 I'm sure you'd be

483

00:20:38,070 --> 00:20:36,010

interested in that Brian I would love to

484

00:20:39,780 --> 00:20:38,080

do that I had so much fun on that trip

485

00:20:42,360 --> 00:20:39,790

and and I've got some great new shows

486

00:20:44,820 --> 00:20:42,370

that that I've been giving out here that

487

00:20:46,170 --> 00:20:44,830

are that are a lot of fun as something I

488

00:20:50,130 --> 00:20:46,180

would love to bring to the to the

489

00:20:51,870 --> 00:20:50,140

Australian audience I i think i think i

490

00:20:54,660 --> 00:20:51,880

think it's it's one of the places I've

491

00:20:56,250 --> 00:20:54,670

been where I had more fun and really

492

00:20:57,660 --> 00:20:56,260

felt a connection with the people so I'd

493

00:20:59,670 --> 00:20:57,670

love to come back and do a tour of

494

00:21:02,100 --> 00:20:59,680

Australia well there we are folks if

495

00:21:04,050 --> 00:21:02,110

you're interested or you can help out or

496

00:21:08,130 --> 00:21:04,060

you got some ideas please drop a line to

497

00:21:10,410 --> 00:21:08,140

Richard at skipping zone TV let me know

498

00:21:13,110 --> 00:21:10,420

what you think and hopefully maybe a bit

499

00:21:16,140 --> 00:21:13,120

later in 2012 we can arrange for a tour

500

00:21:18,630 --> 00:21:16,150

a skeptical tour with brian dunning

501
00:21:21,240 --> 00:21:18,640
wouldn't that be exciting Brian I hope

502
00:21:23,010 --> 00:21:21,250
that you have a wonderful christmas and

503
00:21:25,020 --> 00:21:23,020
a happy new year and i will be seeing

504
00:21:26,880 --> 00:21:25,030
you very early in the new year i'll drop

505
00:21:30,840 --> 00:21:26,890
by for a visit can't wait to get back

506
00:21:32,310 --> 00:21:30,850
into the hot tub of truth that might be

507
00:21:35,460 --> 00:21:32,320
a good time to plan that Death Valley

508
00:21:38,270 --> 00:21:35,470
trip as well look any excuse to get back

509
00:21:51,270 --> 00:21:38,280
their prime Dunning from skype.com

510
00:21:56,080 --> 00:21:54,580
have you heard about QED the exciting

511
00:21:59,530 --> 00:21:56,090
skeptical conference tenth and eleventh

512
00:22:01,060 --> 00:21:59,540
of March 2012 quite exciting days you're

513
00:22:03,760 --> 00:22:01,070

probably wondering why should i go to

514

00:22:05,650 --> 00:22:03,770

QED while the existential dilemma will

515

00:22:07,660 --> 00:22:05,660

have the investigator and legend joe

516

00:22:10,060 --> 00:22:07,670

nickell quite extraordinary detective

517

00:22:12,400 --> 00:22:10,070

alternative medicine expert absorb ernst

518

00:22:14,470 --> 00:22:12,410

quacks in Deward difficulties monsters

519

00:22:17,740 --> 00:22:14,480

werewolves and lucid dreaming from debra

520

00:22:21,100 --> 00:22:17,750

hi working tue demons Massimo polidoro

521

00:22:22,840 --> 00:22:21,110

head of the Italian questo agrees your

522

00:22:25,690 --> 00:22:22,850

Dettori David a run a and

523

00:22:28,330 --> 00:22:25,700

conspiracy theories ytb doubles secular

524

00:22:30,250 --> 00:22:28,340

campaign Miriam namazi well equality

525

00:22:31,750 --> 00:22:30,260

detractors sara angeles will show us how

526
00:22:34,780 --> 00:22:31,760
to play the Federman with robots

527
00:22:36,820 --> 00:22:34,790
withering electronic devices ufologist

528
00:22:38,650 --> 00:22:36,830
ian Ridpath with extraterrestrial

529
00:22:40,870 --> 00:22:38,660
details professor steve jones and why

530
00:22:42,610 --> 00:22:40,880
creationism is not quiet and evolution

531
00:22:44,590 --> 00:22:42,620
deniers podcaster and spoon bender

532
00:22:46,360 --> 00:22:44,600
Richard Saunders questions ESP

533
00:22:48,550 --> 00:22:46,370
demonstrations there are filia Benson

534
00:22:50,260 --> 00:22:48,560
Queen existentialist debater and we'll

535
00:22:52,720 --> 00:22:50,270
have comedy from Robin Ince and gas

536
00:22:54,520 --> 00:22:52,730
quality into tim and definitely tickets

537
00:22:57,700 --> 00:22:54,530
her 89 pounds and they're going fast so

538
00:23:00,520 --> 00:22:57,710

hurry q everybody directly would you cut

539

00:23:04,510 --> 00:23:00,530

that out you can get your ticket from

540

00:23:06,610 --> 00:23:04,520

QED calm dot org court event dome in

541

00:23:08,440 --> 00:23:06,620

marsh seriously if you don't stop bang

542

00:23:10,990 --> 00:23:08,450

enough to hurt quickly end discussion

543

00:23:26,649 --> 00:23:11,000

comes QED not just question explore

544

00:23:31,909 --> 00:23:29,210

Aaron Segev joins us president of the

545

00:23:35,180 --> 00:23:31,919

Australian skeptics iron hello Caitlin

546

00:23:37,490 --> 00:23:35,190

our Erin Australian skeptics what as an

547

00:23:39,409 --> 00:23:37,500

organization are you guys all about I

548

00:23:40,759 --> 00:23:39,419

mean you guys as an organization just

549

00:23:44,539 --> 00:23:40,769

focused on things that you don't believe

550

00:23:47,570 --> 00:23:44,549

in no a skepticism in the moderns and it

551
00:23:49,759 --> 00:23:47,580
is all about seeking evidence so yes it

552
00:23:51,860 --> 00:23:49,769
is about not believing but it is also

553
00:23:54,379 --> 00:23:51,870
about searching for evidence for things

554
00:23:56,720 --> 00:23:54,389
especially when people make claims that

555
00:23:59,090 --> 00:23:56,730
are seeing bit dubious or hard to

556
00:24:00,649 --> 00:23:59,100
believe we look for the evidence for

557
00:24:02,600 --> 00:24:00,659
those claims and very often we don't

558
00:24:03,799 --> 00:24:02,610
find here the evidence that we find that

559
00:24:05,990 --> 00:24:03,809
the evidence is non-existent

560
00:24:07,639 --> 00:24:06,000
non-existent but other times we find

561
00:24:10,730 --> 00:24:07,649
evidence and things that seem strange

562
00:24:12,139 --> 00:24:10,740
are actually true so are just really

563
00:24:13,279 --> 00:24:12,149

another know another way of naming the

564

00:24:16,990 --> 00:24:13,289

Australian skeptics would be the

565

00:24:19,759 --> 00:24:17,000

Australian empiricists that's true

566

00:24:22,730 --> 00:24:19,769

skepticism in the modern sense is at the

567

00:24:25,490 --> 00:24:22,740

basis of science every scientist well

568

00:24:27,379 --> 00:24:25,500

every good scientist anyway is a skeptic

569

00:24:30,139 --> 00:24:27,389

by the very nature of their job they

570

00:24:32,389 --> 00:24:30,149

have to look for evidence they have to

571

00:24:34,129 --> 00:24:32,399

assume things are not true unless they

572

00:24:37,669 --> 00:24:34,139

find the evidence to support the claim

573

00:24:38,899 --> 00:24:37,679

now Iran the primary reason that I asked

574

00:24:40,879 --> 00:24:38,909

for you to come on the show this

575

00:24:43,519 --> 00:24:40,889

afternoon is an article that appeared on

576

00:24:44,749 --> 00:24:43,529

personal calm today you and I'll just

577

00:24:46,850 --> 00:24:44,759

read you out the first couple of

578

00:24:48,799 --> 00:24:46,860

paragraphs I did read this a little bit

579

00:24:50,960 --> 00:24:48,809

earlier for our listeners alternative

580

00:24:52,909 --> 00:24:50,970

medicine is unethical criminal and

581

00:24:54,799 --> 00:24:52,919

likely contributed to the death of Apple

582

00:24:57,169 --> 00:24:54,809

boss Steve Jobs according to visiting

583

00:24:58,669 --> 00:24:57,179

professor Ed's odd Ernst the world's

584

00:25:00,110 --> 00:24:58,679

first professor of complementary

585

00:25:02,240 --> 00:25:00,120

medicine was in Adelaide yesterday to

586

00:25:04,460 --> 00:25:02,250

speak at the australasian pharmaceutical

587

00:25:06,470 --> 00:25:04,470

science association conference at uni sa

588

00:25:08,360 --> 00:25:06,480

famous for causing an uproar when in

589

00:25:10,700 --> 00:25:08,370

july he labeled prince charles a snake

590

00:25:12,889 --> 00:25:10,710

oil salesman for his dandelion and detox

591

00:25:15,200 --> 00:25:12,899

remedy professor earns yesterday spoke

592

00:25:17,480 --> 00:25:15,210

of the dangers of unproven complementary

593

00:25:19,310 --> 00:25:17,490

medicine now what's the Australian

594

00:25:22,100 --> 00:25:19,320

skeptics thoughts on things like

595

00:25:23,210 --> 00:25:22,110

homeopathy and aromatherapy and all of

596

00:25:26,150 --> 00:25:23,220

those sorts of alternative and

597

00:25:27,920 --> 00:25:26,160

complementary medicines well

598

00:25:29,300 --> 00:25:27,930

we like to call them alternative to

599

00:25:31,850 --> 00:25:29,310

medicine rather than alternative

600

00:25:33,170 --> 00:25:31,860

medicine because it makes them when you

601
00:25:34,850 --> 00:25:33,180
score them alternative medicine it

602
00:25:36,170 --> 00:25:34,860
sounds like it's medicine the reality is

603
00:25:39,590 --> 00:25:36,180
that the reason all of these things are

604
00:25:42,140 --> 00:25:39,600
complementary are not considered to be

605
00:25:43,550 --> 00:25:42,150
part of scientific medicine is because

606
00:25:45,770 --> 00:25:43,560
there is no sufficient evidence to

607
00:25:49,000 --> 00:25:45,780
support them now they're varying degrees

608
00:25:51,470 --> 00:25:49,010
of quackery for example homeopathy

609
00:25:53,510 --> 00:25:51,480
cannot actually work it's not just that

610
00:25:55,700 --> 00:25:53,520
it doesn't work it cannot work unless

611
00:25:59,870 --> 00:25:55,710
everything we know about chemistry and

612
00:26:01,910 --> 00:25:59,880
physics and biology it's all not true so

613
00:26:03,950 --> 00:26:01,920

I mean surely some of the homeopathy

614

00:26:06,140 --> 00:26:03,960

though has a placebo effect and in that

615

00:26:08,510 --> 00:26:06,150

way it does actually work oh absolutely

616

00:26:11,090 --> 00:26:08,520

but what people in people very often say

617

00:26:12,170 --> 00:26:11,100

well why not give it a fever but that

618

00:26:13,340 --> 00:26:12,180

raises all kinds of interesting

619

00:26:16,190 --> 00:26:13,350

questions for example when you take a

620

00:26:19,070 --> 00:26:16,200

paracetamol for your headache panadol

621

00:26:22,040 --> 00:26:19,080

whatever that has a placebo effects as

622

00:26:23,690 --> 00:26:22,050

well so we a medicine real medicine also

623

00:26:25,900 --> 00:26:23,700

has a placebo effect but it has

624

00:26:28,670 --> 00:26:25,910

additional you also have a real

625

00:26:31,220 --> 00:26:28,680

therapeutic effects so in the question

626

00:26:32,780 --> 00:26:31,230

then is who decides about somebody needs

627

00:26:35,210 --> 00:26:32,790

to be lied to in order to take a

628

00:26:37,430 --> 00:26:35,220

perceiver so who decides that it's okay

629

00:26:39,110 --> 00:26:37,440

to lies the doctor that decides is the

630

00:26:41,420 --> 00:26:39,120

family that decides who this is the

631

00:26:42,830 --> 00:26:41,430

decision making a good decision and that

632

00:26:45,080 --> 00:26:42,840

raises all kinds all kinds of

633

00:26:47,720 --> 00:26:45,090

interesting questions but in any case

634

00:26:49,340 --> 00:26:47,730

there's all these alternatives some of

635

00:26:52,100 --> 00:26:49,350

them cannot work like Romeo Patti others

636

00:26:53,480 --> 00:26:52,110

can work all you need to do is find the

637

00:26:56,090 --> 00:26:53,490

evidence that he works for example

638

00:26:58,820 --> 00:26:56,100

naturopathy czar all about using plants

639

00:27:00,260 --> 00:26:58,830

and all kinds of natural products that

640

00:27:01,790 --> 00:27:00,270

it can work and many of our

641

00:27:03,350 --> 00:27:01,800

pharmaceuticals actually do come from

642

00:27:05,390 --> 00:27:03,360

plants in the first place absolutely i

643

00:27:07,430 --> 00:27:05,400

mean aspirin obviously the primary

644

00:27:09,490 --> 00:27:07,440

example comes from willow bark but

645

00:27:12,140 --> 00:27:09,500

there's lots of other examples of

646

00:27:14,870 --> 00:27:12,150

medication that comes from some plants or

647

00:27:17,720 --> 00:27:14,880

at least that plants were originally

648

00:27:22,040 --> 00:27:17,730

looked at and then the active ingredient

649

00:27:24,260 --> 00:27:22,050

was perhaps synthesized or isolated and

650

00:27:25,780 --> 00:27:24,270

then in refined and from a cigar

651
00:27:27,830 --> 00:27:25,790
industry if the pharmaceutical industry

652
00:27:30,110 --> 00:27:27,840
actively looks for these kind of things

653
00:27:32,750 --> 00:27:30,120
because it makes their work a lot easier

654
00:27:36,320 --> 00:27:32,760
than to start from scratch what things

655
00:27:40,100 --> 00:27:36,330
like magnetic therapy uh well a magnetic

656
00:27:42,169 --> 00:27:40,110
therapy uh you know people go to

657
00:27:47,390 --> 00:27:42,179
MRI and they have they have their

658
00:27:49,400 --> 00:27:47,400
magnets that are probably about 50,000

659
00:27:52,340 --> 00:27:49,410
times i think it is stronger than fridge

660
00:27:54,770 --> 00:27:52,350
magnet and they and they don't heal they

661
00:27:56,960 --> 00:27:54,780
just do diagnosis and you require very

662
00:27:59,600 --> 00:27:56,970
sensitive instruments to diagnose the

663
00:28:02,419 --> 00:27:59,610

things that they define motions that

664

00:28:06,350 --> 00:28:02,429

they creating molecules inside the human

665

00:28:09,740 --> 00:28:06,360

body now people put the equivalent of a

666

00:28:11,930 --> 00:28:09,750

fridge magnet on their on their me sony

667

00:28:15,260 --> 00:28:11,940

or whatever and expect that that would

668

00:28:17,000 --> 00:28:15,270

somehow heal them well you know what

669

00:28:18,799 --> 00:28:17,010

about all the people who work at MRI

670

00:28:20,600 --> 00:28:18,809

they're exposed to huge magnetic fields

671

00:28:22,070 --> 00:28:20,610

all the time and they are not healed but

672

00:28:25,039 --> 00:28:22,080

you know they have the normal ailments

673

00:28:27,620 --> 00:28:25,049

that humans have if the reality is that

674

00:28:31,580 --> 00:28:27,630

the magnetic force is so weak and the

675

00:28:33,560 --> 00:28:31,590

human body is so non-magnetic that it's

676

00:28:35,150 --> 00:28:33,570

it's unlikely to do anything that's all

677

00:28:36,740 --> 00:28:35,160

any indeed there's no evidence that it

678

00:28:38,120 --> 00:28:36,750

does so and that's actually very

679

00:28:40,460 --> 00:28:38,130

important you asked about skepticism

680

00:28:42,169 --> 00:28:40,470

earlier when we say that there's no

681

00:28:45,560 --> 00:28:42,179

evidence that something works is really

682

00:28:46,640 --> 00:28:45,570

two kinds of no evidence one is there's

683

00:28:48,590 --> 00:28:46,650

no evidence because it hasn't been

684

00:28:50,180 --> 00:28:48,600

looked at yet and the other is there's

685

00:28:52,220 --> 00:28:50,190

no evidence despite having looked at

686

00:28:55,039 --> 00:28:52,230

it's very very very strongly for a very

687

00:28:57,200 --> 00:28:55,049

long time so for example I think you

688

00:28:58,850 --> 00:28:57,210

won't you mentioned a naturopathy or I'm

689

00:29:00,350 --> 00:28:58,860

a therapy these things have been studies

690

00:29:01,820 --> 00:29:00,360

they have there are studies they have

691

00:29:03,710 --> 00:29:01,830

been looked at and there's no evidence

692

00:29:05,030 --> 00:29:03,720

that's not the same as something

693

00:29:08,000 --> 00:29:05,040

completely new that hasn't been looked

694

00:29:09,440 --> 00:29:08,010

at yet and it may be plausible but you

695

00:29:11,060 --> 00:29:09,450

know so maybe sometime in the future

696

00:29:13,610 --> 00:29:11,070

we'll be fine to be working what about

697

00:29:16,310 --> 00:29:13,620

some of the ancient treatments for

698

00:29:17,539 --> 00:29:16,320

example acupuncture well acupuncture

699

00:29:20,030 --> 00:29:17,549

first of all it's not as ancient as

700

00:29:21,169 --> 00:29:20,040

people think it is there's a new book I

701
00:29:23,480 --> 00:29:21,179
can't remember the name of the moment is

702
00:29:25,970 --> 00:29:23,490
new book that came out recently in the

703
00:29:27,140 --> 00:29:25,980
US that actually describes the history

704
00:29:29,060 --> 00:29:27,150
of acupuncture he told me if you

705
00:29:31,730 --> 00:29:29,070
actually function the model sent in only

706
00:29:34,580 --> 00:29:31,740
a few hundred years old the Archie

707
00:29:37,370 --> 00:29:34,590
puncture was for a folk remedy the there

708
00:29:39,850 --> 00:29:37,380
is no there's no evidence at all that it

709
00:29:42,710 --> 00:29:39,860
at any time he did anything more than

710
00:29:45,669 --> 00:29:42,720
provide some placebo effect at a time

711
00:29:48,380 --> 00:29:45,679
when scientific medicine hasn't work the

712
00:29:49,970 --> 00:29:48,390
thing about if you look at China where

713
00:29:51,740 --> 00:29:49,980

this is supposed to have originated in

714

00:29:54,300 --> 00:29:51,750

even that is in doubt but let's say

715

00:29:57,640 --> 00:29:54,310

modern modern

716

00:30:00,610 --> 00:29:57,650

acupuncture thought started in China few

717

00:30:02,830 --> 00:30:00,620

hundred years ago you look at China the

718

00:30:04,990 --> 00:30:02,840

Chinese as soon as Western medicine was

719

00:30:07,450 --> 00:30:05,000

available to them in this seventeen

720

00:30:09,490 --> 00:30:07,460

eighteen hundreds and obviously into the

721

00:30:12,970 --> 00:30:09,500

nineteenth and twentieth century they've

722

00:30:16,180 --> 00:30:12,980

moved in in groves in that direction and

723

00:30:18,130 --> 00:30:16,190

now what we call Chinese medicine is

724

00:30:20,830 --> 00:30:18,140

something that's only used by the poor

725

00:30:22,540 --> 00:30:20,840

in the cities they use Western medicine

726

00:30:24,700 --> 00:30:22,550

and but what a look what happened to

727

00:30:26,290 --> 00:30:24,710

their health in general and to the life

728

00:30:29,260 --> 00:30:26,300

expectancy their life expectancy in

729

00:30:31,120 --> 00:30:29,270

China is as risen significantly and it's

730

00:30:32,740 --> 00:30:31,130

higher in the cities where they use

731

00:30:35,230 --> 00:30:32,750

western medicine scientific medicine

732

00:30:37,480 --> 00:30:35,240

than it is in their villages in there in

733

00:30:39,100 --> 00:30:37,490

the towns where they use folk remedies

734

00:30:40,570 --> 00:30:39,110

because they can't afford to use Western

735

00:30:41,980 --> 00:30:40,580

medicine I guess there's a lot to be

736

00:30:43,600 --> 00:30:41,990

said for the fact that the human body

737

00:30:45,310 --> 00:30:43,610

does a lot of healing of itself anyway

738

00:30:49,060 --> 00:30:45,320

so whether you're taking a homeopathic

739

00:30:51,040 --> 00:30:49,070

or or aromatherapy type treatment your

740

00:30:53,200 --> 00:30:51,050

body is very often healing itself

741

00:30:55,210 --> 00:30:53,210

regardless oh absolutely but the thing

742

00:30:56,380 --> 00:30:55,220

is you can also do nothing at all in the

743

00:30:58,750 --> 00:30:56,390

same will happen you know there's that

744

00:31:01,330 --> 00:30:58,760

always that joke about the flu goes away

745

00:31:03,610 --> 00:31:01,340

you know seven days if you don't do

746

00:31:07,390 --> 00:31:03,620

anything and sit in a week if you take

747

00:31:08,770 --> 00:31:07,400

it easy oh yeah that's actually true you

748

00:31:10,900 --> 00:31:08,780

don't have to necessarily do something

749

00:31:11,940 --> 00:31:10,910

now in some cases there's no harm if you

750

00:31:15,610 --> 00:31:11,950

talk about something like aromatherapy

751

00:31:18,100 --> 00:31:15,620

the harm is only that your pocket is a

752

00:31:19,690 --> 00:31:18,110

little bit lighter when you leave but

753

00:31:21,490 --> 00:31:19,700

there's other things where it could be a

754

00:31:22,870 --> 00:31:21,500

little bit more dangerous for example

755

00:31:25,150 --> 00:31:22,880

with the only obviously if you take it

756

00:31:27,520 --> 00:31:25,160

for some pain or something no problem at

757

00:31:29,320 --> 00:31:27,530

all but I think many of your listeners

758

00:31:32,260 --> 00:31:29,330

might have might have heard of glorious

759

00:31:34,150 --> 00:31:32,270

a mallow baby who's homeopath parents

760

00:31:37,590 --> 00:31:34,160

gave it on me Appa the-- instead of

761

00:31:40,210 --> 00:31:37,600

treating her really bad eczema with

762

00:31:43,240 --> 00:31:40,220

pharmaceuticals with proper madiba

763

00:31:45,310 --> 00:31:43,250

proven medicine and she died she died

764

00:31:47,500 --> 00:31:45,320

from eczema yeah which is absolutely

765

00:31:50,170 --> 00:31:47,510

horrible so and there are obviously lots

766

00:31:53,110 --> 00:31:50,180

of cases where with cancer you know when

767

00:31:56,770 --> 00:31:53,120

people choose to not treat cancer with

768

00:31:58,120 --> 00:31:56,780

chemo or radiation but rather you choose

769

00:31:59,470 --> 00:31:58,130

to use on the upper feel some

770

00:32:01,090 --> 00:31:59,480

alternative medicine there's a famous

771

00:32:04,120 --> 00:32:01,100

case in Perth actually of Penelope

772

00:32:06,520 --> 00:32:04,130

Penelope bingo yes somewhere 11 purse

773

00:32:09,370 --> 00:32:06,530

woman who died often

774

00:32:12,130 --> 00:32:09,380

the opposite to treat her colorectal

775

00:32:14,590 --> 00:32:12,140

cancer and she she died to her the

776

00:32:17,350 --> 00:32:14,600

progress of vertices was the same as an

777

00:32:19,300 --> 00:32:17,360

untreated disease yes and uh and that's

778

00:32:20,980 --> 00:32:19,310

that's where the risk we live you're not

779

00:32:23,440 --> 00:32:20,990

actually doing what you're supposed to

780

00:32:26,740 --> 00:32:23,450

do now it's not like she will have

781

00:32:29,500 --> 00:32:26,750

certainly lived if she used proper

782

00:32:31,200 --> 00:32:29,510

medications but her chances would have

783

00:32:33,790 --> 00:32:31,210

been hired would have been higher ya

784

00:32:35,320 --> 00:32:33,800

around look uh we're running out of time

785

00:32:36,730 --> 00:32:35,330

I'd love to speak to you again at some

786

00:32:38,650 --> 00:32:36,740

point in the next couple of weeks if

787

00:32:40,840 --> 00:32:38,660

that's okay hopefully you're not going

788

00:32:45,160 --> 00:32:40,850

on holiday so we can talk to you I am

789

00:32:47,200 --> 00:32:45,170

actually going overseas first of all I'm

790

00:32:49,300 --> 00:32:47,210

available 24 hours a day overseas as

791

00:32:50,800 --> 00:32:49,310

well but also we have other people who

792

00:32:52,060 --> 00:32:50,810

will be able to speak all right well we

793

00:32:53,440 --> 00:32:52,070

may have a chat with some of those in

794

00:32:55,750 --> 00:32:53,450

the coming weeks because there's a few

795

00:32:57,220 --> 00:32:55,760

areas that I want to cover thank you so

796

00:33:10,130 --> 00:32:57,230

much for joining us today and have a

797

00:33:14,700 --> 00:33:13,140

this is ben Radford I'm deputy editor of

798

00:33:16,740 --> 00:33:14,710

skeptical inquirer science magazine

799

00:33:18,660 --> 00:33:16,750

author of six books including tracking

800

00:33:26,990 --> 00:33:18,670

chupacabra and you can find out more

801
00:33:42,279 --> 00:33:31,650
here's my not spooky action at a

802
00:33:46,940 --> 00:33:45,049
good look currently I'm just with the

803
00:33:49,220 --> 00:33:46,950
president mr. and skeptics end up I

804
00:33:51,320 --> 00:33:49,230
believe you organize a very expensive it

805
00:33:53,960 --> 00:33:51,330
looks like it's some sort of oral

806
00:33:58,970 --> 00:33:53,970
another light entertainment of light

807
00:34:01,039 --> 00:33:58,980
entertainment this is amazing up you've

808
00:34:03,289 --> 00:34:01,049
actually I kind of like this thing we're

809
00:34:05,120 --> 00:34:03,299
looking at now and it's actually a naked

810
00:34:06,500 --> 00:34:05,130
picture of Richard Saunders painted out

811
00:34:08,750 --> 00:34:06,510
with fireworks yeah that's why we're

812
00:34:10,430 --> 00:34:08,760
looking the other way the bomb yeah

813
00:34:11,899 --> 00:34:10,440

obviously our William for this

814

00:34:15,800 --> 00:34:11,909

conference wanted it to be a big event

815

00:34:18,020 --> 00:34:15,810

so we organized the fireworks display we

816

00:34:20,510 --> 00:34:18,030

arranged or be the foster to be arrested

817

00:34:26,270 --> 00:34:20,520

yesterday it wasn't easy but it's worth

818

00:34:29,240 --> 00:34:26,280

it like this is amazing stuff others

819

00:34:31,849 --> 00:34:29,250

just hear that and now they're smelling

820

00:34:35,960 --> 00:34:31,859

out oh look its barrel Tory's home

821

00:34:38,690 --> 00:34:35,970

address the basic what's going on I

822

00:34:40,760 --> 00:34:38,700

can't comment on that what do you want

823

00:34:42,590 --> 00:34:40,770

to know well I'm standing I'm standing

824

00:34:44,149 --> 00:34:42,600

in my beautiful outdoor studio here in

825

00:34:45,980 --> 00:34:44,159

earlier you heard some fireworks because

826

00:34:47,960 --> 00:34:45,990

obviously the revolution has started um

827

00:34:49,460 --> 00:34:47,970

do you know who's starting it he's

828

00:34:50,720 --> 00:34:49,470

starting the revolution yeah I couldn't

829

00:34:52,609 --> 00:34:50,730

tell they have nice fireworks without

830

00:34:54,349 --> 00:34:52,619

the right the left the libertarian the

831

00:34:57,260 --> 00:34:54,359

sex party who was who was starting that

832

00:34:59,390 --> 00:34:57,270

the skeptics the skeptics man leading

833

00:35:01,580 --> 00:34:59,400

the revolution as you hire some reason

834

00:35:04,040 --> 00:35:01,590

and you are you're rocking the house

835

00:35:08,960 --> 00:35:04,050

with science and reason we're I'm giving

836

00:35:10,040 --> 00:35:08,970

it a shot I'm a sort of work working at

837

00:35:12,560 --> 00:35:10,050

the moment with a group called the

838

00:35:14,840 --> 00:35:12,570

freethought University alliance so what

839

00:35:17,480 --> 00:35:14,850

we're trying to do is sort of set up a

840

00:35:20,240 --> 00:35:17,490

network of all of the existing sort of

841

00:35:22,790 --> 00:35:20,250

skeptic and atheist and secular humanist

842

00:35:26,630 --> 00:35:22,800

rationalist campus groups that exist to

843

00:35:29,030 --> 00:35:26,640

try and help them work together to I

844

00:35:30,980 --> 00:35:29,040

guess sort of unify their movement I

845

00:35:32,950 --> 00:35:30,990

guess and coordinate national campaigns

846

00:35:36,200 --> 00:35:32,960

because all of these groups have sort of

847

00:35:38,240 --> 00:35:36,210

sprung up completely independently of

848

00:35:41,520 --> 00:35:38,250

one another over the over between sort

849

00:35:45,090 --> 00:35:41,530

of you know 2007 and 2010

850

00:35:47,310 --> 00:35:45,100

and basically what we wanted to do was

851
00:35:49,080 --> 00:35:47,320
create an organization to help them out

852
00:35:50,460 --> 00:35:49,090
to help them grow and to help start up

853
00:35:53,430 --> 00:35:50,470
new clubs because I think it's really

854
00:35:55,130 --> 00:35:53,440
important as skeptics and as atheists

855
00:35:57,720 --> 00:35:55,140
and as humanists and whatever to have a

856
00:35:59,700 --> 00:35:57,730
presence at university because i think

857
00:36:02,490 --> 00:35:59,710
it's it's that point in a person's life

858
00:36:04,830 --> 00:36:02,500
where they're kind of trying to figure

859
00:36:06,390 --> 00:36:04,840
out their worldview or kind of figure

860
00:36:09,060 --> 00:36:06,400
out what they're passionate about and i

861
00:36:10,800 --> 00:36:09,070
think as we have to be there as sort of

862
00:36:12,510 --> 00:36:10,810
one of the options that people can sort

863
00:36:14,610 --> 00:36:12,520

of take up to be active about it to be

864

00:36:16,950 --> 00:36:14,620

passionate about as skepticism as a

865

00:36:18,780 --> 00:36:16,960

thing if you know what i mean and jason

866

00:36:21,030 --> 00:36:18,790

where can people find you on the web or

867

00:36:23,010 --> 00:36:21,040

your group to get into a discussion with

868

00:36:24,240 --> 00:36:23,020

you so will the freethought University

869

00:36:26,550 --> 00:36:24,250

Alliance you can go to free thought

870

00:36:29,220 --> 00:36:26,560

Alliance taught all day you we've also

871

00:36:30,900 --> 00:36:29,230

on Twitter and Facebook um I mean some

872

00:36:33,300 --> 00:36:30,910

other groups I'm involved with the young

873

00:36:35,490 --> 00:36:33,310

Australian skeptics in particular trying

874

00:36:37,410 --> 00:36:35,500

to you know introduce young people into

875

00:36:39,570 --> 00:36:37,420

the skeptical movement so that's a young

876

00:36:42,030 --> 00:36:39,580

loss skeptics calm hey Jason when I was

877

00:36:43,410 --> 00:36:42,040

down in Melbourne I had a chat with the

878

00:36:45,330 --> 00:36:43,420

freethinkers down there at the Melbourne

879

00:36:47,040 --> 00:36:45,340

Uni at skip the camp yeah and that was a

880

00:36:49,260 --> 00:36:47,050

really great coming together lots of

881

00:36:51,240 --> 00:36:49,270

groups I'm was told at Melbourne that

882

00:36:53,070 --> 00:36:51,250

the scene doesn't seem as coherent in

883

00:36:54,990 --> 00:36:53,080

Melbourne as it is in Sydney but from

884

00:36:56,730 --> 00:36:55,000

what I saw there's lots of groups of a

885

00:36:58,080 --> 00:36:56,740

similar ilk working together very well

886

00:37:00,390 --> 00:36:58,090

in album what do you think is the case

887

00:37:03,510 --> 00:37:00,400

no I think they absolutely are working

888

00:37:05,520 --> 00:37:03,520

together I mean skeptic camp was a like

889

00:37:07,290 --> 00:37:05,530

a coalition between the Victorian

890

00:37:09,270 --> 00:37:07,300

skeptics the Melbourne skeptics the

891

00:37:11,520 --> 00:37:09,280

University of Melbourne secular society

892

00:37:13,290 --> 00:37:11,530

they're all they've got a common purpose

893

00:37:14,880 --> 00:37:13,300

and then I'm actually quite happy to

894

00:37:16,620 --> 00:37:14,890

work together so I think it's been

895

00:37:18,300 --> 00:37:16,630

really good down there what's the schism

896

00:37:19,680 --> 00:37:18,310

is there a schism so there's always a

897

00:37:21,300 --> 00:37:19,690

schism in something if you look hard

898

00:37:23,370 --> 00:37:21,310

enough with skeptics sometimes it can be

899

00:37:25,320 --> 00:37:23,380

skeptics believe in God and ones that

900

00:37:26,700 --> 00:37:25,330

are atheists although I don't see a lot

901
00:37:28,220 --> 00:37:26,710
of the evidence that in Sydney but it

902
00:37:31,680 --> 00:37:28,230
certainly worldwide that is an issue

903
00:37:33,750 --> 00:37:31,690
well I think the schisms are starting to

904
00:37:35,190 --> 00:37:33,760
break down in Australia especially and I

905
00:37:37,380 --> 00:37:35,200
think especially for young people

906
00:37:39,270 --> 00:37:37,390
because I think young people don't care

907
00:37:42,600 --> 00:37:39,280
so much for labels and I think that's

908
00:37:44,130 --> 00:37:42,610
particularly what's divided in Australia

909
00:37:45,900 --> 00:37:44,140
the freethought community is that was

910
00:37:47,700 --> 00:37:45,910
sort of divided into the skeptic camp

911
00:37:49,890 --> 00:37:47,710
and the humanist camp and the atheist

912
00:37:52,020 --> 00:37:49,900
camp where I think I think young people

913
00:37:52,390 --> 00:37:52,030

who are getting involved today that

914

00:37:54,339 --> 00:37:52,400

every

915

00:37:56,349 --> 00:37:54,349

really care so much about what you call

916

00:37:58,059 --> 00:37:56,359

yourself it's mostly about what you

917

00:38:00,579 --> 00:37:58,069

believe in what your values are and what

918

00:38:03,430 --> 00:38:00,589

you were you're trying to promote and I

919

00:38:05,440 --> 00:38:03,440

think young people especially can

920

00:38:07,900 --> 00:38:05,450

recognize the common values between all

921

00:38:09,640 --> 00:38:07,910

of the freethought groups and groups

922

00:38:11,140 --> 00:38:09,650

like the freethought University Alliance

923

00:38:13,109 --> 00:38:11,150

which is sort of an umbrella group for

924

00:38:15,279 --> 00:38:13,119

all of the university groups and then

925

00:38:18,069 --> 00:38:15,289

organizations like reason Australia

926

00:38:20,170 --> 00:38:18,079

which is a an organization which is

927

00:38:21,339 --> 00:38:20,180

bringing all of these groups together I

928

00:38:24,400 --> 00:38:21,349

think it's showing that we're actually

929

00:38:26,349 --> 00:38:24,410

starting to break down those schisms and

930

00:38:29,769 --> 00:38:26,359

what's your challenge what's your

931

00:38:31,720 --> 00:38:29,779

personal woo challenge unruh and what is

932

00:38:37,569 --> 00:38:31,730

the unreasonableness that really annoys

933

00:38:39,279 --> 00:38:37,579

you a good question it's usually it's

934

00:38:41,410 --> 00:38:39,289

something that occurs on almost daily

935

00:38:42,970 --> 00:38:41,420

basis is there something it might be

936

00:38:44,890 --> 00:38:42,980

something in the newspaper something you

937

00:38:47,170 --> 00:38:44,900

walk past every day to see an ad for and

938

00:38:49,390 --> 00:38:47,180

you just lose all faith in the future of

939

00:38:51,490 --> 00:38:49,400

humanity well for me I mean what drives

940

00:38:54,099 --> 00:38:51,500

me because what got me started in the

941

00:38:58,000 --> 00:38:54,109

whole skeptical atheist community was my

942

00:38:59,349 --> 00:38:58,010

experience when I went on exchange to in

943

00:39:01,299 --> 00:38:59,359

the United States I went to high school

944

00:39:03,849 --> 00:39:01,309

in the US and I was the only kid in my

945

00:39:05,829 --> 00:39:03,859

class who believed in evolution or say

946

00:39:08,559 --> 00:39:05,839

knew that evolution was a scientific

947

00:39:09,730 --> 00:39:08,569

fact and so that actually galvin I mean

948

00:39:11,620 --> 00:39:09,740

I'd actually never studied biology

949

00:39:13,450 --> 00:39:11,630

before and I was being told that the

950

00:39:16,150 --> 00:39:13,460

earth was 6,000 years old and everything

951
00:39:18,789 --> 00:39:16,160
like that so that kind of forced me to

952
00:39:20,410 --> 00:39:18,799
read about evolution and read about

953
00:39:22,569 --> 00:39:20,420
science and actually learn how to think

954
00:39:24,910 --> 00:39:22,579
critically for myself and that's what

955
00:39:28,750 --> 00:39:24,920
bore my love for science and my love for

956
00:39:31,150 --> 00:39:28,760
the theory of evolution and I read

957
00:39:33,430 --> 00:39:31,160
widely you know Carl Sagan Stephen Jay

958
00:39:34,960 --> 00:39:33,440
Gould and Richard Dawkins and what was

959
00:39:36,620 --> 00:39:34,970
your starting point did you start with

960
00:39:40,589 --> 00:39:36,630
demon haunted world

961
00:39:41,820 --> 00:39:40,599
and the blind watchmaker by richard

962
00:39:44,280 --> 00:39:41,830
dawkins I think there's the two

963
00:39:46,560 --> 00:39:44,290

essential starting points for a young

964

00:39:48,150 --> 00:39:46,570

person but now you know I've heard this

965

00:39:49,950 --> 00:39:48,160

and I've said it on the show before and

966

00:39:51,900 --> 00:39:49,960

I don't want to sound like I'm giving it

967

00:39:54,720 --> 00:39:51,910

a bad rap but I bought demon haunted

968

00:39:56,490 --> 00:39:54,730

world of town Australia and Carl Sagan

969

00:39:58,140 --> 00:39:56,500

writes beautifully and he's certainly

970

00:40:00,839 --> 00:39:58,150

very knowledgeable but i found it a very

971

00:40:03,210 --> 00:40:00,849

dry read was I found a bit dry it

972

00:40:04,740 --> 00:40:03,220

wouldn't engage me where Michael

973

00:40:08,190 --> 00:40:04,750

schirmer's white people believe weird

974

00:40:09,870 --> 00:40:08,200

things that was more my journey yeah

975

00:40:12,180 --> 00:40:09,880

fair call fair call well i think i'm

976
00:40:14,490 --> 00:40:12,190
sorry i'm not saying Carl's wrong i just

977
00:40:15,930 --> 00:40:14,500
i found a bit dry yeah I know what you

978
00:40:17,880 --> 00:40:15,940
mean but I'm as already a sort of a

979
00:40:22,020 --> 00:40:17,890
costume to Carl Sagan stone because I

980
00:40:24,690 --> 00:40:22,030
would sort of watched cosmos skivvy

981
00:40:26,970 --> 00:40:24,700
where is unite yeah it was rocking the

982
00:40:29,400 --> 00:40:26,980
skivvy you know make bear he before

983
00:40:33,180 --> 00:40:29,410
Steve Jobs it was not a Sagan skivvy

984
00:40:34,680 --> 00:40:33,190
yeah absolutely absolutely and look I

985
00:40:36,510 --> 00:40:34,690
like that little bit worries any

986
00:40:37,980 --> 00:40:36,520
spaceship going through everything it's

987
00:40:39,720 --> 00:40:37,990
a bit like looking back now it looks

988
00:40:42,329 --> 00:40:39,730

like it's doctor who said it's fantastic

989

00:40:44,040 --> 00:40:42,339

it's very corny yeah that's so good it

990

00:40:46,290 --> 00:40:44,050

just says it all I do think there's been

991

00:40:48,210 --> 00:40:46,300

any show that as as rich there's in it

992

00:40:49,530 --> 00:40:48,220

for that since I've been many great

993

00:40:51,170 --> 00:40:49,540

shows maybe but there are the ones that

994

00:40:55,020 --> 00:40:51,180

you put in the same league as cosmos oh

995

00:40:56,640 --> 00:40:55,030

look i think late lately Brian Cox's the

996

00:40:58,950 --> 00:40:56,650

wonders of the universe has sort of been

997

00:41:00,870 --> 00:40:58,960

up there I mean anything that David

998

00:41:02,700 --> 00:41:00,880

Attenborough does is magic and I think

999

00:41:05,010 --> 00:41:02,710

there's no better argument for atheism

1000

00:41:06,599 --> 00:41:05,020

or skepticism even than just just

1001
00:41:09,420 --> 00:41:06,609
learning biology and learning about

1002
00:41:12,780 --> 00:41:09,430
nature itself but I'm actually looking

1003
00:41:14,849 --> 00:41:12,790
forward to the sort of the the revamp of

1004
00:41:16,829 --> 00:41:14,859
Cosmos that's going to be done by neil

1005
00:41:18,839 --> 00:41:16,839
degrasse tyson not sure if you're

1006
00:41:23,670 --> 00:41:18,849
familiar with that but apparently as

1007
00:41:25,530 --> 00:41:23,680
being reborn and Neil deGrasse Tyson

1008
00:41:27,750 --> 00:41:25,540
will be the presenter of it so I'm

1009
00:41:29,310 --> 00:41:27,760
pretty keen about that and I was asking

1010
00:41:30,930 --> 00:41:29,320
you what is the whew that annoys you the

1011
00:41:32,460 --> 00:41:30,940
most there and you were having a

1012
00:41:34,260 --> 00:41:32,470
difficult time and grabbing onto it

1013
00:41:36,069 --> 00:41:34,270

because is it just so much or nothing

1014

00:41:38,289 --> 00:41:36,079

really leaps out it just all really

1015

00:41:39,789 --> 00:41:38,299

all this unreasonable this is making you

1016

00:41:41,279 --> 00:41:39,799

want to yell you know what I think one

1017

00:41:43,359 --> 00:41:41,289

of the things is because i did a

1018

00:41:44,380 --> 00:41:43,369

Bachelor of Arts at the University of

1019

00:41:46,690 --> 00:41:44,390

Melbourne and the one thing that

1020

00:41:49,599 --> 00:41:46,700

frustrated me more than anything was

1021

00:41:52,390 --> 00:41:49,609

this whole post modern argument that you

1022

00:41:54,219 --> 00:41:52,400

know truth is relative and everything

1023

00:41:58,209 --> 00:41:54,229

like that so that that that really

1024

00:42:00,789 --> 00:41:58,219

pissed me off a lot and I had a very fun

1025

00:42:03,099 --> 00:42:00,799

time but also frustrating time debating

1026

00:42:05,769 --> 00:42:03,109

people within the sort of liberal

1027

00:42:07,569 --> 00:42:05,779

academic circles who was sort of arguing

1028

00:42:09,459 --> 00:42:07,579

that science is just one way of knowing

1029

00:42:11,799 --> 00:42:09,469

as opposed to the best way of knowing

1030

00:42:13,449 --> 00:42:11,809

which I would argue at his mmm that's

1031

00:42:15,249 --> 00:42:13,459

one but I then again if you are looking

1032

00:42:16,120 --> 00:42:15,259

at a work of art everyone who looks at

1033

00:42:18,579 --> 00:42:16,130

it's going to have a different opinion

1034

00:42:21,309 --> 00:42:18,589

so I can see why that would holds water

1035

00:42:23,709 --> 00:42:21,319

in some way I can see why it does and I

1036

00:42:25,779 --> 00:42:23,719

can see in our sort of post-colonial

1037

00:42:28,449 --> 00:42:25,789

world how you can see that there was a

1038

00:42:31,620 --> 00:42:28,459

lot of things that the West got wrong

1039

00:42:34,420 --> 00:42:31,630

when it came when it comes to sort of

1040

00:42:35,979 --> 00:42:34,430

forcing values on to developing

1041

00:42:38,160 --> 00:42:35,989

countries and everything like that but i

1042

00:42:43,150 --> 00:42:38,170

think it's it's misplaced to say that

1043

00:42:46,180 --> 00:42:43,160

because colonialism was sort of Miss

1044

00:42:48,430 --> 00:42:46,190

misguided that therefore science can't

1045

00:42:50,349 --> 00:42:48,440

offer us anything so you'd also be wary

1046

00:42:52,809 --> 00:42:50,359

of historical revisionism wouldn't you

1047

00:42:54,880 --> 00:42:52,819

yeah yeah yeah absolutely and I you know

1048

00:42:57,249 --> 00:42:54,890

that's that was kind of something that

1049

00:43:00,400 --> 00:42:57,259

really got me fired up our back in my

1050

00:43:02,529 --> 00:43:00,410

uni days have you do debating on stage

1051
00:43:04,120 --> 00:43:02,539
you would take these other fields on do

1052
00:43:06,069 --> 00:43:04,130
do enjoy a good debate you like getting

1053
00:43:08,499 --> 00:43:06,079
up there and being the whip you know I'm

1054
00:43:11,890 --> 00:43:08,509
actually not really a confrontational

1055
00:43:14,259 --> 00:43:11,900
kind of person I actually we've we've

1056
00:43:15,489 --> 00:43:14,269
organized debates before but I tend to

1057
00:43:17,259 --> 00:43:15,499
like to sit back and just watch it

1058
00:43:19,779 --> 00:43:17,269
happen i'm not really one to engage in

1059
00:43:22,089 --> 00:43:19,789
it i think i'm more of someone who will

1060
00:43:24,069 --> 00:43:22,099
go and talk on a multi-faith panel and

1061
00:43:26,079 --> 00:43:24,079
try and bring everyone together into a

1062
00:43:28,569 --> 00:43:26,089
sort of one understanding as opposed to

1063
00:43:30,400 --> 00:43:28,579

fight them you get to say why can't we

1064

00:43:32,559 --> 00:43:30,410

all just get along is that you yeah no

1065

00:43:35,499 --> 00:43:32,569

that's me I'm up there preaching love

1066

00:43:37,660 --> 00:43:35,509

and free and basically trying to explain

1067

00:43:39,579 --> 00:43:37,670

that as human beings no matter whether a

1068

00:43:42,189 --> 00:43:39,589

religious or atheists or anything we do

1069

00:43:44,469 --> 00:43:42,199

sort of share a common common values and

1070

00:43:46,160 --> 00:43:44,479

we should work together on on important

1071

00:43:48,920 --> 00:43:46,170

issues to sort of

1072

00:43:50,330 --> 00:43:48,930

humanity and the chief social justice so

1073

00:43:52,850 --> 00:43:50,340

you definitely agree with you don't be a

1074

00:43:55,370 --> 00:43:52,860

dick approach I think I'd probably fall

1075

00:43:57,290 --> 00:43:55,380

on the don't be a dick approach but I am

1076

00:44:00,950 --> 00:43:57,300

very sympathetic to it and I do think

1077

00:44:03,770 --> 00:44:00,960

that I do think that in any movement you

1078

00:44:05,300 --> 00:44:03,780

need to have different different ways of

1079

00:44:07,370 --> 00:44:05,310

communicating what you believe in and I

1080

00:44:09,410 --> 00:44:07,380

think that being a dick is effective to

1081

00:44:10,790 --> 00:44:09,420

some people because everyone thinks

1082

00:44:12,710 --> 00:44:10,800

certain things are going to resonate

1083

00:44:14,870 --> 00:44:12,720

particularly well with some people as

1084

00:44:15,980 --> 00:44:14,880

opposed to as opposed to other people

1085

00:44:18,050 --> 00:44:15,990

and some people are going to be really

1086

00:44:20,390 --> 00:44:18,060

persuade by the likes of pz myers who's

1087

00:44:22,850 --> 00:44:20,400

Richard Dawkins who are being dicks or

1088

00:44:25,790 --> 00:44:22,860

you know anything like that but but also

1089

00:44:26,900 --> 00:44:25,800

people are going to be really on the

1090

00:44:28,250 --> 00:44:26,910

other hand you're going to be bringing

1091

00:44:29,420 --> 00:44:28,260

people to the movement by having people

1092

00:44:31,880 --> 00:44:29,430

who are more moderate and more

1093

00:44:33,500 --> 00:44:31,890

accommodating and so I can see that that

1094

00:44:35,930 --> 00:44:33,510

it's essential in a movement to have

1095

00:44:37,100 --> 00:44:35,940

both sides now what's the next event

1096

00:44:40,310 --> 00:44:37,110

where people can get on board of what

1097

00:44:43,010 --> 00:44:40,320

you guys are doing in Victoria well one

1098

00:44:44,930 --> 00:44:43,020

of the biggest things that I'm occupies

1099

00:44:47,060 --> 00:44:44,940

most of my time is organising the next

1100

00:44:50,030 --> 00:44:47,070

global atheist convention which is going

1101
00:44:51,950 --> 00:44:50,040
to be held in April 2012 we've managed

1102
00:44:54,370 --> 00:44:51,960
to secure the likes of richard dawkins

1103
00:44:56,720 --> 00:44:54,380
and sam Harris and Daniel Dennett and

1104
00:44:59,570 --> 00:44:56,730
Christopher Hitchens if his health will

1105
00:45:02,240 --> 00:44:59,580
hold up so the Four Horsemen of the

1106
00:45:04,910 --> 00:45:02,250
so-called anti apocalypse will be coming

1107
00:45:06,920 --> 00:45:04,920
to melbourne for the global atheist

1108
00:45:09,680 --> 00:45:06,930
convention the tagline for that event is

1109
00:45:12,530 --> 00:45:09,690
a celebration of reason and I think part

1110
00:45:15,200 --> 00:45:12,540
of that is to do with that we sort of we

1111
00:45:17,120 --> 00:45:15,210
want to move beyond just atheism and

1112
00:45:19,280 --> 00:45:17,130
sort of start to project what positive

1113
00:45:21,140 --> 00:45:19,290

values as atheists we do believe in and

1114

00:45:22,700 --> 00:45:21,150

so we think that a celebration of reason

1115

00:45:25,790 --> 00:45:22,710

is sort of part of what an atheist

1116

00:45:27,680 --> 00:45:25,800

convention can be all about so you can

1117

00:45:29,240 --> 00:45:27,690

find out more information about that at

1118

00:45:31,310 --> 00:45:29,250

a theist convention da da da da you

1119

00:45:32,660 --> 00:45:31,320

tickets are on sale now and selling very

1120

00:45:34,849 --> 00:45:32,670

fast

1121

00:45:37,220 --> 00:45:34,859

now most people would agree that reasons

1122

00:45:38,750 --> 00:45:37,230

a good thing but it's not often a

1123

00:45:40,700 --> 00:45:38,760

selling point hey we're going to go out

1124

00:45:42,470 --> 00:45:40,710

on sat there night we're gonna get so

1125

00:45:44,359 --> 00:45:42,480

reasonable you don't usually hear that

1126

00:45:47,359 --> 00:45:44,369

do you know you don't but I think that

1127

00:45:49,160 --> 00:45:47,369

part of what the the New Atheism is on

1128

00:45:51,920 --> 00:45:49,170

about is about this return to

1129

00:45:55,130 --> 00:45:51,930

enlightenment values that actually you

1130

00:45:57,049 --> 00:45:55,140

know these are the sort of values what

1131

00:45:59,049 --> 00:45:57,059

science was born out of which modern

1132

00:46:01,400 --> 00:45:59,059

medicine comes out of which our

1133

00:46:04,849 --> 00:46:01,410

understanding of human rights comes out

1134

00:46:06,980 --> 00:46:04,859

of the other I mean reason refers to the

1135

00:46:08,900 --> 00:46:06,990

capacity that we have as human beings to

1136

00:46:11,510 --> 00:46:08,910

discern what's right and wrong and think

1137

00:46:12,829 --> 00:46:11,520

so I think it sort of comes down to

1138

00:46:16,579 --> 00:46:12,839

something that's really essential when

1139

00:46:18,380 --> 00:46:16,589

it comes to sort of I guess figuring out

1140

00:46:20,120 --> 00:46:18,390

how we can fix some of those serious

1141

00:46:22,010 --> 00:46:20,130

problems in the world especially when

1142

00:46:25,180 --> 00:46:22,020

you look at massive issues like climate

1143

00:46:28,339 --> 00:46:25,190

changes or even famine we really need

1144

00:46:31,160 --> 00:46:28,349

reasonable evidence-based solutions to

1145

00:46:32,960 --> 00:46:31,170

these massive problems notation just on

1146

00:46:34,609 --> 00:46:32,970

a personal level here it just sort of

1147

00:46:36,589 --> 00:46:34,619

clicked listening to you then why one of

1148

00:46:37,970 --> 00:46:36,599

the reasons I like chatting in and being

1149

00:46:39,020 --> 00:46:37,980

a fellow travel with the skeptics I'm

1150

00:46:40,880 --> 00:46:39,030

not quite sure want to describe myself

1151
00:46:42,890 --> 00:46:40,890
as a skeptic as I'm very susceptible to

1152
00:46:44,480 --> 00:46:42,900
all sorts of stuff i love interviewing

1153
00:46:47,870 --> 00:46:44,490
people that have really thought things

1154
00:46:49,520 --> 00:46:47,880
through like that and it's all its you

1155
00:46:51,380 --> 00:46:49,530
get that in other areas of woo as well

1156
00:46:53,089 --> 00:46:51,390
but in areas of wood but i just like it

1157
00:46:54,980 --> 00:46:53,099
you've obviously sat down and had a good

1158
00:46:57,200 --> 00:46:54,990
think about this at a young age inspired

1159
00:46:59,030 --> 00:46:57,210
by being in that class maybe when you

1160
00:47:01,760 --> 00:46:59,040
had to learn that the world's only 6,000

1161
00:47:05,180 --> 00:47:01,770
years old which is used to me yeah I

1162
00:47:07,670 --> 00:47:05,190
think I'm I think that that's the

1163
00:47:09,500 --> 00:47:07,680

difference between the skeptics and

1164

00:47:10,849 --> 00:47:09,510

people who are active about atheism or

1165

00:47:12,530 --> 00:47:10,859

whatever is that they've actually sat

1166

00:47:14,690 --> 00:47:12,540

down and had a good think about it I

1167

00:47:16,400 --> 00:47:14,700

think and I like to be around other

1168

00:47:19,280 --> 00:47:16,410

people who have also sat down and had a

1169

00:47:21,620 --> 00:47:19,290

good think about it because I mean to be

1170

00:47:22,849 --> 00:47:21,630

fair a lot of theologians would probably

1171

00:47:24,410 --> 00:47:22,859

sat down and reach the different

1172

00:47:26,390 --> 00:47:24,420

different conclusion yeah but that's

1173

00:47:27,859 --> 00:47:26,400

also why i like talking to them as well

1174

00:47:29,299 --> 00:47:27,869

because they've had to think about

1175

00:47:31,039 --> 00:47:29,309

they've got a different answer but they

1176

00:47:33,260 --> 00:47:31,049

were to think about it yeah absolutely

1177

00:47:34,390 --> 00:47:33,270

and I mean look one anecdote I like to

1178

00:47:35,980 --> 00:47:34,400

tell about that is

1179

00:47:37,599 --> 00:47:35,990

that when we're at the University of

1180

00:47:39,670 --> 00:47:37,609

Melbourne we started up a secular

1181

00:47:41,260 --> 00:47:39,680

society we actually had a really great

1182

00:47:43,000 --> 00:47:41,270

relationship with the Christian Union

1183

00:47:44,769 --> 00:47:43,010

there because I've noticed that the same

1184

00:47:47,109 --> 00:47:44,779

you can also uni that's also the case as

1185

00:47:49,059 --> 00:47:47,119

well yeah yeah um because I mean we feel

1186

00:47:50,529 --> 00:47:49,069

that they're there just as much

1187

00:47:52,329 --> 00:47:50,539

challenged by the fact that most young

1188

00:47:54,339 --> 00:47:52,339

people these days are really apathetic

1189

00:47:56,170 --> 00:47:54,349

about anything and now we're just really

1190

00:47:58,150 --> 00:47:56,180

enthusiastic to find other young people

1191

00:47:59,980 --> 00:47:58,160

who actually cared about these issues

1192

00:48:02,200 --> 00:47:59,990

like does God exist is there a purpose

1193

00:48:03,940 --> 00:48:02,210

to life is there an afterlife even

1194

00:48:06,670 --> 00:48:03,950

though we have an opposite perspective

1195

00:48:08,410 --> 00:48:06,680

or an opposite conclusion about those

1196

00:48:10,210 --> 00:48:08,420

the answers to those questions are

1197

00:48:11,769 --> 00:48:10,220

actually really interested to find other

1198

00:48:14,349 --> 00:48:11,779

people who they could engage with in

1199

00:48:16,180 --> 00:48:14,359

debate with and talk with well I hope

1200

00:48:18,539 --> 00:48:16,190

people get online and just do that with

1201
00:48:21,269 --> 00:48:18,549
you down in Victoria yeah please do I'm

1202
00:48:24,099 --> 00:48:21,279
websites web links young loss skeptics

1203
00:48:26,980 --> 00:48:24,109
calm freethought Alliance dogs are you

1204
00:48:28,720 --> 00:48:26,990
atheist convention dogs or a year you

1205
00:48:31,329 --> 00:48:28,730
can follow me on twitter at jason ball

1206
00:48:33,010 --> 00:48:31,339
88 if you came that's cool I think we

1207
00:48:34,750 --> 00:48:33,020
better get inside because Lauren's lungs

1208
00:48:36,609 --> 00:48:34,760
coming on the minute I love Lauren sling

1209
00:48:39,730 --> 00:48:36,619
I love it so it's incredible change my

1210
00:48:43,930 --> 00:48:42,370
i'm here with Maynard hello Maynard hang

1211
00:48:45,430 --> 00:48:43,940
on this is an ambush video what is this

1212
00:48:48,370 --> 00:48:45,440
some kind of buzz marketing for the

1213
00:48:50,109 --> 00:48:48,380

skeptics I guess it is wow how did you

1214

00:48:51,670 --> 00:48:50,119

enjoy today it's been a very busy day

1215

00:48:53,290 --> 00:48:51,680

like most of these things by the way

1216

00:48:55,300 --> 00:48:53,300

ignore the fact that my fingers are

1217

00:48:56,650 --> 00:48:55,310

around your neck and you know just you

1218

00:48:58,180 --> 00:48:56,660

see what I say really what you think

1219

00:48:59,650 --> 00:48:58,190

about today it's been a very busy day I

1220

00:49:01,870 --> 00:48:59,660

had a pretty bad ear ache in the middle

1221

00:49:03,850 --> 00:49:01,880

of the day and I was like putting my

1222

00:49:05,109 --> 00:49:03,860

head down during the TGA discussion with

1223

00:49:06,520 --> 00:49:05,119

just falling asleep because we're after

1224

00:49:08,440 --> 00:49:06,530

lunch well that's what I thought people

1225

00:49:10,240 --> 00:49:08,450

would think he's drunk again or he's

1226
00:49:11,770 --> 00:49:10,250
meditating and you don't be meditating

1227
00:49:13,210 --> 00:49:11,780
at a skeptics convention really your

1228
00:49:14,859 --> 00:49:13,220
infant will prefer to be drunk you

1229
00:49:15,910 --> 00:49:14,869
prefer to be drunk and look I've been

1230
00:49:18,250 --> 00:49:15,920
having a great chat or just having a

1231
00:49:19,990 --> 00:49:18,260
chapter Jason and I spend these days I

1232
00:49:22,210 --> 00:49:20,000
know I've just been talking for like

1233
00:49:24,010 --> 00:49:22,220
four hours now and that's how I don't

1234
00:49:26,530 --> 00:49:24,020
really experience these events I

1235
00:49:28,600 --> 00:49:26,540
basically interview people about the

1236
00:49:29,740 --> 00:49:28,610
event so I'm not really at it if you

1237
00:49:31,690 --> 00:49:29,750
know what I mean yeah but today today

1238
00:49:33,370 --> 00:49:31,700

you did experience even where I mean you

1239

00:49:35,109 --> 00:49:33,380

were at the event most of the bank yeah

1240

00:49:36,040 --> 00:49:35,119

but I was thinking oh now where's

1241

00:49:37,960 --> 00:49:36,050

where's that person going to be able

1242

00:49:39,609 --> 00:49:37,970

need to chat to them so I do today I

1243

00:49:42,220 --> 00:49:39,619

probably experienced a skeptic event

1244

00:49:43,870 --> 00:49:42,230

more than usual because I was actually

1245

00:49:46,480 --> 00:49:43,880

able to have a look at it if I got a

1246

00:49:48,700 --> 00:49:46,490

term like I did with you guys in Sydney

1247

00:49:50,200 --> 00:49:48,710

I was always outside I was never at the

1248

00:49:51,880 --> 00:49:50,210

actual event because I was judgment

1249

00:49:53,680 --> 00:49:51,890

running around and I know exactly how

1250

00:49:55,750 --> 00:49:53,690

that feels yeah well yeah exactly i'm

1251
00:49:57,640 --> 00:49:55,760
watching the i watch the time dvds now

1252
00:50:00,430 --> 00:49:57,650
because that's my opportunity to see all

1253
00:50:02,460 --> 00:50:00,440
the talks from a year ago and so out of

1254
00:50:06,340 --> 00:50:02,470
today what was your favorite talk

1255
00:50:07,750 --> 00:50:06,350
definitely the first one our plastic

1256
00:50:09,400 --> 00:50:07,760
surgeon who i came in halfway through

1257
00:50:11,590 --> 00:50:09,410
and I'm Williams yes just had a great

1258
00:50:13,780 --> 00:50:11,600
chat to him then really nice guy really

1259
00:50:15,849 --> 00:50:13,790
great description of his career as a

1260
00:50:17,500 --> 00:50:15,859
plastic surgeon and as a cosmetic

1261
00:50:19,960 --> 00:50:17,510
surgeon and the history of how it's

1262
00:50:21,700 --> 00:50:19,970
changed a bit in over the last couple of

1263
00:50:23,859 --> 00:50:21,710

years and where these sort of

1264

00:50:25,330 --> 00:50:23,869

potentially shonky areas are and how he

1265

00:50:26,830 --> 00:50:25,340

feels about advertising that cosmetic

1266

00:50:28,540 --> 00:50:26,840

surgery it's great to talk to a

1267

00:50:29,859 --> 00:50:28,550

professional in an area that you know

1268

00:50:31,400 --> 00:50:29,869

nothing about which is pretty much

1269

00:50:34,130 --> 00:50:31,410

everything I talked about

1270

00:50:36,650 --> 00:50:34,140

and find out a unique perspective that

1271

00:50:39,799 --> 00:50:36,660

you never learned but to then okay so

1272

00:50:41,900 --> 00:50:39,809

all in all all in all one to ten I'd

1273

00:50:44,569 --> 00:50:41,910

have to give it an eight I'd have to

1274

00:50:47,420 --> 00:50:44,579

give my ear ache a zero and I'm looking

1275

00:50:50,839 --> 00:50:47,430

forward to so where did we lose two

1276

00:50:53,990 --> 00:50:50,849

marks probably buck actually you don't

1277

00:50:55,520 --> 00:50:54,000

have said no there was no I was looking

1278

00:50:58,069 --> 00:50:55,530

forward to a Jerry Springer moment in

1279

00:50:59,779 --> 00:50:58,079

the TGA roundtable discussion yeah and I

1280

00:51:02,900 --> 00:50:59,789

won the reason I left was cool it was

1281

00:51:04,370 --> 00:51:02,910

actually just as you left Rohan I mean

1282

00:51:07,190 --> 00:51:04,380

they just make it just pulled pulled

1283

00:51:08,960 --> 00:51:07,200

Ken's here will really get out well I

1284

00:51:10,789 --> 00:51:08,970

thought a chair was going to be thrown I

1285

00:51:12,440 --> 00:51:10,799

thought you know somebody might come in

1286

00:51:13,910 --> 00:51:12,450

that was like someone's ex lover or

1287

00:51:15,829 --> 00:51:13,920

something like that the door burst open

1288

00:51:17,450 --> 00:51:15,839

and fingers of it what happened just as

1289

00:51:19,609 --> 00:51:17,460

you left I thought that would be the

1290

00:51:21,319 --> 00:51:19,619

case but just that was a really great

1291

00:51:23,180 --> 00:51:21,329

day and I like hanging out with skeptics

1292

00:51:24,859 --> 00:51:23,190

cuz it like look I'm i'm not i'm not

1293

00:51:27,049 --> 00:51:24,869

completely bride I'm not the sharpest

1294

00:51:28,940 --> 00:51:27,059

pencil in the box I liked I'm just

1295

00:51:31,160 --> 00:51:28,950

generally very inquisitive about things

1296

00:51:33,620 --> 00:51:31,170

because I just don't know much stuff and

1297

00:51:35,029 --> 00:51:33,630

I probably learn a lot of stuff that you

1298

00:51:36,920 --> 00:51:35,039

already know do you have anything bad to

1299

00:51:39,650 --> 00:51:36,930

say about yourself well look yeah um

1300

00:51:41,599 --> 00:51:39,660

yeah I look with the cosmetic surgeon I

1301
00:51:43,190 --> 00:51:41,609
would like to look 10 years younger and

1302
00:51:45,680 --> 00:51:43,200
but the easiest way to do that is just

1303
00:51:48,440 --> 00:51:45,690
to have a good lifestyle have a good

1304
00:51:50,480 --> 00:51:48,450
diet and have exercised and there's no

1305
00:51:52,099 --> 00:51:50,490
chance of you doing any time that so I'm

1306
00:51:55,640 --> 00:51:52,109
actually looking forward looking ten

1307
00:51:57,319 --> 00:51:55,650
years old in about a week okay thank you

1308
00:51:59,029 --> 00:51:57,329
very much me know this has been made out

1309
00:52:00,680 --> 00:51:59,039
from the poop deck no no no this has

1310
00:52:02,120 --> 00:52:00,690
been around from the poop deck it's a

1311
00:52:16,450 --> 00:52:02,130
run from the poop deck we're

1312
00:52:23,480 --> 00:52:22,160
the dirty disbelievers oh what a lot I

1313
00:52:25,970 --> 00:52:23,490

can hear them I can eat them all what's

1314

00:52:29,030 --> 00:52:25,980

going on give me more mr. announcer guy

1315

00:52:31,640 --> 00:52:29,040

on ABC local radio digital radio and

1316

00:52:35,849 --> 00:52:31,650

online weekends at six o'clock of the

1317

00:52:40,170 --> 00:52:35,859

dirty disbelievers the evil disbelievers

1318

00:52:42,509 --> 00:52:40,180

I would watch canal take the red pill

1319

00:52:45,599 --> 00:52:42,519

and the blue pill I say I can hear them

1320

00:52:56,960 --> 00:52:45,609

I can hear them or we'll all listen yeah

1321

00:53:03,240 --> 00:52:59,850

thank you for listening to the skeptic

1322

00:53:06,330 --> 00:53:03,250

zone thank you again Maynard man that

1323

00:53:08,490 --> 00:53:06,340

guy works hard he works hard and he's

1324

00:53:12,750 --> 00:53:08,500

going to work even harder for us in tam

1325

00:53:16,020 --> 00:53:12,760

las vegas come our july was a june july

1326

00:53:18,300 --> 00:53:16,030

i think it is that will be so much fun

1327

00:53:20,910 --> 00:53:18,310

to have maynard on the spot there and

1328

00:53:23,550 --> 00:53:20,920

for you to meet if you come to tam you

1329

00:53:25,440 --> 00:53:23,560

can meet me not very exciting well i

1330

00:53:29,510 --> 00:53:25,450

think this is probably the very final

1331

00:53:33,900 --> 00:53:29,520

show of the skeptic zone for 2011 I

1332

00:53:36,840 --> 00:53:33,910

think I'm be able to get 11 more done

1333

00:53:39,180 --> 00:53:36,850

before New Year's I don't know i don't

1334

00:53:41,820 --> 00:53:39,190

know maybe maybe New Year's Day or maybe

1335

00:53:43,770 --> 00:53:41,830

the second who knows it's it's holiday

1336

00:53:45,510 --> 00:53:43,780

time you know don't worry about

1337

00:53:47,940 --> 00:53:45,520

schedules right now but there will be

1338

00:53:51,150 --> 00:53:47,950

one coming up next week what's going to

1339

00:53:54,630 --> 00:53:51,160

be on it who knows who knows and don't

1340

00:53:59,280 --> 00:53:54,640

forget next year 2012 is when the world

1341

00:54:04,500 --> 00:53:59,290

ends so get your kicks in now folks well

1342

00:54:07,560 --> 00:54:04,510

until next week or next year hmm this is

1343

00:54:13,770 --> 00:54:07,570

Richard Saunders signing off from Sydney

1344

00:54:15,480 --> 00:54:13,780

Australia you've been listening to the

1345

00:54:20,310 --> 00:54:15,490

skeptic zone

1346

00:54:23,340 --> 00:54:20,320

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