

1
00:00:05,929 --> 00:00:13,699
welcome to the skeptic zone the podcast

2
00:00:09,089 --> 00:00:13,699
from Australia for science and reason

3
00:00:23,169 --> 00:00:29,028
hello and welcome to the skeptic zone

4
00:00:26,028 --> 00:00:31,849
episode Number 421 for the 13th of

5
00:00:29,028 --> 00:00:34,909
November 2016 and yes I'm surprised too

6
00:00:31,849 --> 00:00:38,448
I'm surprised Henrietta and more the

7
00:00:34,909 --> 00:00:40,719
skeptic zone cats are also surprised the

8
00:00:38,448 --> 00:00:43,670
people down the street are surprised I

9
00:00:40,719 --> 00:00:46,789
bet you're surprised we got to be

10
00:00:43,670 --> 00:00:48,469
talking about the success of Donald

11
00:00:46,789 --> 00:00:50,960
Trump coming up at the top of the show

12
00:00:48,469 --> 00:00:54,048
and we chat to Evan Bernstein from the

13
00:00:50,960 --> 00:00:55,219
skeptics guide to the universe now like

14
00:00:54,048 --> 00:00:57,948
the skeptics guide to the universe

15
00:00:55,219 --> 00:01:00,649
podcast the skeptic zone podcast is not

16
00:00:57,948 --> 00:01:02,808
a political podcast we won't tell you

17
00:01:00,649 --> 00:01:04,698
who to vote for necessarily I mean it's

18
00:01:02,808 --> 00:01:06,920
just not where we're coming from where

19
00:01:04,698 --> 00:01:10,789
for science and reason and skeptical

20
00:01:06,920 --> 00:01:13,219
investigation and strange things but i

21
00:01:10,790 --> 00:01:16,009
thought i chat to evan because i am

22
00:01:13,219 --> 00:01:18,709
interested or concerned or both about

23
00:01:16,009 --> 00:01:20,659
the future prospects for science and

24
00:01:18,709 --> 00:01:24,408
education in the united states under a

25
00:01:20,659 --> 00:01:26,780
trump presidency and evan bernstein

26
00:01:24,409 --> 00:01:29,510
being a very old friend and somebody

27
00:01:26,780 --> 00:01:31,250
with his finger on the pulse he is just

28
00:01:29,510 --> 00:01:32,930
the man to talk to so coming up at the

29

00:01:31,250 --> 00:01:35,090
top of the show of view from America

30
00:01:32,930 --> 00:01:38,000
Evan Bernstein chatting about the

31
00:01:35,090 --> 00:01:40,850
possible ramifications for science and

32
00:01:38,000 --> 00:01:42,260
reason with a trump presidency following

33
00:01:40,849 --> 00:01:44,809
that we're going to look at another

34
00:01:42,260 --> 00:01:47,600
strange new age energy last week we were

35
00:01:44,810 --> 00:01:50,210
looking at Oregon energy or some

36
00:01:47,599 --> 00:01:51,978
somebody wrote to me or go or gone I

37
00:01:50,209 --> 00:01:54,679
wish it was all gone something like that

38
00:01:51,978 --> 00:01:58,908
this week it's something called scalar

39
00:01:54,680 --> 00:02:01,370
energy scale our energy and a government

40
00:01:58,909 --> 00:02:03,830
warning the Australian Government here

41
00:02:01,370 --> 00:02:06,500
in Australia if I can put it that way

42
00:02:03,829 --> 00:02:09,769
has issued a warning about scalar energy

43
00:02:06,500 --> 00:02:12,650

pendants because believe it or not they

44

00:02:09,769 --> 00:02:13,908

are radioactive so some people are

45

00:02:12,650 --> 00:02:16,700

getting a lot more than they bargained

46

00:02:13,908 --> 00:02:20,449

for with these new age or if we'd like

47

00:02:16,699 --> 00:02:22,818

to say new each pendants find out what

48

00:02:20,449 --> 00:02:24,289

scale our energy is and all about the

49

00:02:22,818 --> 00:02:27,318

government health warning and some of

50

00:02:24,289 --> 00:02:29,598

the amazing claims made for scalar

51

00:02:27,318 --> 00:02:32,629

energy coming up a bit later on in the

52

00:02:29,598 --> 00:02:34,299

show and to round off the show another

53

00:02:32,629 --> 00:02:37,180

in the series of interviews

54

00:02:34,300 --> 00:02:38,650

by our reporter Iran Segev who's also

55

00:02:37,180 --> 00:02:41,800

the president of Australian skeptics

56

00:02:38,650 --> 00:02:44,740

from the recent QED conference in

57

00:02:41,800 --> 00:02:47,590

Manchester and this week Iran chats to

58
00:02:44,740 --> 00:02:48,850
none other than captain disillusion now

59
00:02:47,590 --> 00:02:51,789
I had the great pleasure of meeting

60
00:02:48,849 --> 00:02:53,620
captain disillusion who way back in 2009

61
00:02:51,789 --> 00:02:56,049
I think at an amazing meeting and we got

62
00:02:53,620 --> 00:02:59,099
on like a house on fire what a wonderful

63
00:02:56,050 --> 00:03:02,340
bloke really interesting really smart

64
00:02:59,099 --> 00:03:04,780
and he knows more about video

65
00:03:02,340 --> 00:03:06,009
manipulation than I've had hot dinners I

66
00:03:04,780 --> 00:03:07,710
think if I can put it that way maybe

67
00:03:06,009 --> 00:03:10,389
that's the scalar energy I don't know

68
00:03:07,710 --> 00:03:12,490
coming up an interview with captain

69
00:03:10,389 --> 00:03:13,599
disillusion a big thank you to my

70
00:03:12,490 --> 00:03:17,680
friends at the National Geographic

71
00:03:13,599 --> 00:03:20,769
Channel who who kindly gave me a couple

72
00:03:17,680 --> 00:03:22,240
of tickets to see Buzz Aldrin talking or

73
00:03:20,770 --> 00:03:26,890
some other scientists about a possible

74
00:03:22,240 --> 00:03:31,960
trip to Mars Wow wasn't that wasn't that

75
00:03:26,889 --> 00:03:37,659
interesting to hear first hand tales of

76
00:03:31,960 --> 00:03:40,750
being on the moon that was just riveting

77
00:03:37,659 --> 00:03:44,979
and a little things like Buzz Aldrin

78
00:03:40,750 --> 00:03:47,709
talking about when they came back into

79
00:03:44,979 --> 00:03:49,090
the lunar lander from wandering about

80
00:03:47,709 --> 00:03:52,209
the moon the fact that they were

81
00:03:49,090 --> 00:03:54,670
tracking in moon dust on their boots and

82
00:03:52,209 --> 00:03:56,709
the moon dust would be in the in the

83
00:03:54,669 --> 00:03:59,199
capsule itself and when they pressurized

84
00:03:56,709 --> 00:04:01,060
again they could smell it they could

85
00:03:59,199 --> 00:04:03,519
smell the moon dust and he said it had a

86

00:04:01,060 --> 00:04:06,430
sort of a burnt smell about it you just

87
00:04:03,520 --> 00:04:07,870
to hear somebody who's been on the moon

88
00:04:06,430 --> 00:04:11,080
chatting about those things firsthand

89
00:04:07,870 --> 00:04:13,599
was just amazing and if there are any

90
00:04:11,080 --> 00:04:16,509
other future things brought to us by the

91
00:04:13,599 --> 00:04:19,959
people at National Geographic we shall

92
00:04:16,509 --> 00:04:21,849
keep you informed now here's a note from

93
00:04:19,959 --> 00:04:25,449
an old friend of mine Gary Dalrymple who

94
00:04:21,850 --> 00:04:27,550
runs a freak on a free science fiction

95
00:04:25,449 --> 00:04:31,089
and fantasy festival here in Sydney and

96
00:04:27,550 --> 00:04:34,180
this year the freak on will be on the

97
00:04:31,089 --> 00:04:38,109
ninth tenth and eleventh of December

98
00:04:34,180 --> 00:04:40,689
held at 188 william street in earlwood

99
00:04:38,110 --> 00:04:42,550
suburb of sydney and for those of you

100
00:04:40,689 --> 00:04:45,069

who know the area it's near the bexley

101

00:04:42,550 --> 00:04:47,449

road William Street intersection now if

102

00:04:45,069 --> 00:04:50,449

you want to take part in this freaking

103

00:04:47,449 --> 00:04:52,038

Gary I will leave a link in this week's

104

00:04:50,449 --> 00:04:53,718

show notes i had the pleasure of

105

00:04:52,038 --> 00:04:56,028

speaking there a couple of years ago or

106

00:04:53,718 --> 00:04:58,879

number of years ago at freak on giving

107

00:04:56,028 --> 00:05:02,269

um giving an overview of one of the

108

00:04:58,879 --> 00:05:03,740

amazing meeting million-dollar tests i

109

00:05:02,269 --> 00:05:05,870

was involved with so it was a great

110

00:05:03,740 --> 00:05:07,478

great fun so if you're interested in a

111

00:05:05,870 --> 00:05:10,848

free science fiction and fantasy

112

00:05:07,478 --> 00:05:14,300

convention here in sydney freak on maybe

113

00:05:10,848 --> 00:05:16,278

for you on the 9th 10th 11th of december

114

00:05:14,300 --> 00:05:19,939

this year but now it's time for me to

115
00:05:16,278 --> 00:05:23,478
run downstairs and have some miso soup

116
00:05:19,939 --> 00:05:27,710
and teriyaki chicken oh man is that good

117
00:05:23,478 --> 00:05:30,378
I remember I was in my early 20s yeah

118
00:05:27,709 --> 00:05:34,609
early 20s I think when somebody who I

119
00:05:30,379 --> 00:05:36,919
knew introduced me to japanese food for

120
00:05:34,610 --> 00:05:41,360
the first time and after the initial

121
00:05:36,918 --> 00:05:45,769
getting used to the taste I became a big

122
00:05:41,360 --> 00:05:49,669
fan as many of you know the sushi the

123
00:05:45,769 --> 00:05:52,098
sashimi the sushi train sort of idea as

124
00:05:49,668 --> 00:05:54,680
is very popular around the world I would

125
00:05:52,098 --> 00:05:56,899
imagine but I do remember the first time

126
00:05:54,680 --> 00:05:58,699
I tried it thinking it was a strange and

127
00:05:56,899 --> 00:06:01,009
unusual taste but yes it didn't take

128
00:05:58,699 --> 00:06:03,259
long it didn't take long and I used to

129
00:06:01,009 --> 00:06:06,979
have with sake heaven and sake for many

130
00:06:03,259 --> 00:06:09,740
years hmm I'm sorry I'm drifting away

131
00:06:06,978 --> 00:06:13,329
into foodland while I do that I hope you

132
00:06:09,740 --> 00:06:13,329
enjoy the skeptic zone

133
00:06:34,379 --> 00:06:39,790
and joining me now all the way from the

134
00:06:37,480 --> 00:06:41,710
United States with a view from America

135
00:06:39,790 --> 00:06:44,340
it's my old friend and member of course

136
00:06:41,709 --> 00:06:46,870
of the SGU Evan Bernstein hello Evan

137
00:06:44,339 --> 00:06:49,719
g'day Richard oh you're learning

138
00:06:46,870 --> 00:06:51,519
Australian hut I thought that yes I

139
00:06:49,720 --> 00:06:53,650
purposefully tried to sound like The

140
00:06:51,519 --> 00:06:56,109
Ugly American do trying to do an

141
00:06:53,649 --> 00:06:58,779
Australian accent there I hope I passed

142
00:06:56,110 --> 00:07:02,250
the audition you did you did I think you

143

00:06:58,779 --> 00:07:02,250
what are you auditioning for citizenship

144
00:07:02,430 --> 00:07:06,550
it seems to be a lot of that going

145
00:07:04,600 --> 00:07:08,080
around these days yes let's let's cut to

146
00:07:06,550 --> 00:07:09,420
the chase now there are many things we

147
00:07:08,079 --> 00:07:11,709
can talk about in relation to the

148
00:07:09,420 --> 00:07:14,650
political situation in the United States

149
00:07:11,709 --> 00:07:17,229
with the election of Donald Trump and

150
00:07:14,649 --> 00:07:19,629
there's just no other way of saying it

151
00:07:17,230 --> 00:07:22,240
you know President Obama said something

152
00:07:19,629 --> 00:07:25,300
which I thought was very wise he said in

153
00:07:22,240 --> 00:07:27,670
his last two competitive campaigns while

154
00:07:25,300 --> 00:07:29,110
he didn't agree with his opponent and he

155
00:07:27,670 --> 00:07:32,980
obviously thought that he had the better

156
00:07:29,110 --> 00:07:34,930
argument he knew his opponent would make

157
00:07:32,980 --> 00:07:37,360

a fine president if they got that far

158

00:07:34,930 --> 00:07:39,670

and earlier a couple of months ago he

159

00:07:37,360 --> 00:07:42,160

was expressing he wasn't expressing the

160

00:07:39,670 --> 00:07:45,129

same confidence in Donald Trump that's

161

00:07:42,160 --> 00:07:48,840

right I think yeah interesting

162

00:07:45,129 --> 00:07:51,779

observation there we could dwell on

163

00:07:48,839 --> 00:07:54,039

aspects of Donald Trump like his

164

00:07:51,779 --> 00:07:56,169

derogatory comments towards women and

165

00:07:54,040 --> 00:07:58,930

minorities and this disabled and his

166

00:07:56,170 --> 00:08:03,280

general view on things but what I wanted

167

00:07:58,930 --> 00:08:06,069

to do with you is chat briefly from your

168

00:08:03,279 --> 00:08:08,109

perspective about Trump's or what what's

169

00:08:06,069 --> 00:08:10,000

the likelihood or the possibilities will

170

00:08:08,110 --> 00:08:12,300

trump when it comes to science and

171

00:08:10,000 --> 00:08:14,410

education because that's at the core

172
00:08:12,300 --> 00:08:16,780
certainly what the skeptic zone is all

173
00:08:14,410 --> 00:08:19,090
about and I'm sure it's a one of the

174
00:08:16,779 --> 00:08:22,299
priorities of the skeptics guide to the

175
00:08:19,089 --> 00:08:24,459
universe as well so putting aside those

176
00:08:22,300 --> 00:08:27,670
other important issues for another time

177
00:08:24,459 --> 00:08:30,459
or other people to to chat about what

178
00:08:27,670 --> 00:08:32,789
from your perspective having lived

179
00:08:30,459 --> 00:08:35,299
through this for some time

180
00:08:32,789 --> 00:08:39,269
now where do you think he's coming from

181
00:08:35,299 --> 00:08:41,549
if he promises to do what he says he's

182
00:08:39,269 --> 00:08:44,579
going to do if you listen to any of the

183
00:08:41,549 --> 00:08:47,069
speeches he's given or what he said in

184
00:08:44,580 --> 00:08:49,230
the debates with Hillary Clinton then

185
00:08:47,070 --> 00:08:52,590
there is a lot of reason I think to be

186
00:08:49,230 --> 00:08:55,710
concerned I won't go as far as panicked

187
00:08:52,590 --> 00:08:57,780
though which is sort of the reaction

188
00:08:55,710 --> 00:08:59,460
that a lot of people have about a lot of

189
00:08:57,779 --> 00:09:00,870
issues with Donald Trump sort of

190
00:08:59,460 --> 00:09:02,879
immediately in the aftermath of the

191
00:09:00,870 --> 00:09:05,460
election mmm but once the smoke and

192
00:09:02,879 --> 00:09:08,399
everything does clear and the emotions

193
00:09:05,460 --> 00:09:10,230
kind of wind down there are very

194
00:09:08,399 --> 00:09:12,600
legitimate things to to be concerned

195
00:09:10,230 --> 00:09:15,690
about with with some of the things that

196
00:09:12,600 --> 00:09:17,240
he has said as listeners of the of also

197
00:09:15,690 --> 00:09:20,160
the skeptics guide to the universe cool

198
00:09:17,240 --> 00:09:23,759
know in our upcoming episode in which we

199
00:09:20,159 --> 00:09:25,439
talked about this very briefly we really

200

00:09:23,759 --> 00:09:27,539
don't have much of a choice to sort of

201
00:09:25,440 --> 00:09:29,310
reserve other than to reserve judgment

202
00:09:27,539 --> 00:09:31,829
to see what he actually follows through

203
00:09:29,309 --> 00:09:34,709
with in those promises that he made

204
00:09:31,830 --> 00:09:38,700
because as we know politicians have a

205
00:09:34,710 --> 00:09:40,500
funny habit of often going against or

206
00:09:38,700 --> 00:09:43,650
different from what they say during the

207
00:09:40,500 --> 00:09:45,269
course of a campaign and that is due to

208
00:09:43,649 --> 00:09:48,139
a lot of factors and sometimes that

209
00:09:45,269 --> 00:09:50,429
works well and sometimes it works worse

210
00:09:48,139 --> 00:09:52,620
um yeah but so we're going to have to

211
00:09:50,429 --> 00:09:55,379
really kind of wait and see but yeah

212
00:09:52,620 --> 00:09:58,289
there is it needs to be kept an eye on

213
00:09:55,379 --> 00:10:00,509
in fact a very close eye on and all of

214
00:09:58,289 --> 00:10:01,799

us as skeptical organization science

215

00:10:00,509 --> 00:10:04,019
organizations and otherwise have a

216

00:10:01,799 --> 00:10:06,059
responsibility to keep good track of

217

00:10:04,019 --> 00:10:08,490
these things and inform the public as

218

00:10:06,059 --> 00:10:10,439
best as we can on what is going and what

219

00:10:08,490 --> 00:10:13,110
is happening as it happens yeah I think

220

00:10:10,440 --> 00:10:17,820
that's absolutely right and there's a

221

00:10:13,110 --> 00:10:19,320
very huge groundswell of negativity of

222

00:10:17,820 --> 00:10:20,970
course in you and I have noticed this

223

00:10:19,320 --> 00:10:23,580
and many of our friends have noticed

224

00:10:20,970 --> 00:10:25,680
this as well partly I must say due to

225

00:10:23,580 --> 00:10:27,210
whatever it is the the bubble effect or

226

00:10:25,679 --> 00:10:30,899
the Facebook effect where you are

227

00:10:27,210 --> 00:10:33,030
constantly being fed news and opinions

228

00:10:30,899 --> 00:10:34,740
that cater towards your own personal

229

00:10:33,029 --> 00:10:37,439

opinions and that's that can be very

230

00:10:34,740 --> 00:10:39,120

problematic but you are right i mean we

231

00:10:37,440 --> 00:10:41,730

have to wait to actually see what

232

00:10:39,120 --> 00:10:43,379

policies he puts in place so what he can

233

00:10:41,730 --> 00:10:46,320

put in place because there's a feeling

234

00:10:43,379 --> 00:10:46,590

that well yes politicians make all sorts

235

00:10:46,320 --> 00:10:48,270

of

236

00:10:46,590 --> 00:10:50,370

promises and then they have to rethink

237

00:10:48,269 --> 00:10:53,149

things once they're in office but in the

238

00:10:50,370 --> 00:10:58,230

case of Donald Trump he made such

239

00:10:53,149 --> 00:11:00,179

extravagant promises that it fails me to

240

00:10:58,230 --> 00:11:02,159

see how how they could possibly come

241

00:11:00,179 --> 00:11:04,079

about oh and this is the reason for

242

00:11:02,159 --> 00:11:06,029

concern Richard and this is why we have

243
00:11:04,080 --> 00:11:11,129
to really keep very close eye on it and

244
00:11:06,029 --> 00:11:12,990
make sure that when these I when these

245
00:11:11,129 --> 00:11:16,080
ideas do come through or the people that

246
00:11:12,990 --> 00:11:17,310
he decides to surround himself with come

247
00:11:16,080 --> 00:11:18,990
up with regulate what you know

248
00:11:17,309 --> 00:11:21,269
suggestions for regulations or whatever

249
00:11:18,990 --> 00:11:23,759
he tries to push through the Congress to

250
00:11:21,269 --> 00:11:28,590
make law is that we have to be ready

251
00:11:23,759 --> 00:11:30,360
with a response to all of this and we

252
00:11:28,590 --> 00:11:33,300
there are some things we can sort of do

253
00:11:30,360 --> 00:11:36,000
ahead of time or be ready for and that

254
00:11:33,299 --> 00:11:39,899
is there are lots of different ways to

255
00:11:36,000 --> 00:11:41,429
it to approach this in other words we

256
00:11:39,899 --> 00:11:43,740
have congressman I mean it's not just

257

00:11:41,429 --> 00:11:45,750
the president there are our house of

258
00:11:43,740 --> 00:11:48,659
representatives which we all have you

259
00:11:45,750 --> 00:11:51,659
know direct access to in contact you

260
00:11:48,659 --> 00:11:53,429
without with our our representatives in

261
00:11:51,659 --> 00:11:56,009
to a certain degree of the Senators that

262
00:11:53,429 --> 00:11:59,959
represent each of the 50 United States

263
00:11:56,009 --> 00:12:02,490
as well is another sort of form to that

264
00:11:59,960 --> 00:12:04,650
it's going to take effort on a lot of

265
00:12:02,490 --> 00:12:07,710
different fronts if we're going to have

266
00:12:04,649 --> 00:12:09,179
an impact so we not only need to keep an

267
00:12:07,710 --> 00:12:13,230
eye on what Trump and his administration

268
00:12:09,179 --> 00:12:15,389
are going to be saying and doing but

269
00:12:13,230 --> 00:12:20,460
what also happens in the other areas of

270
00:12:15,389 --> 00:12:23,189
our government that you know frankly

271
00:12:20,460 --> 00:12:24,930

pull have the purse strings and a lot of

272

00:12:23,190 --> 00:12:28,110

power and influence as to what actually

273

00:12:24,929 --> 00:12:32,339

winds up going getting done absolutely

274

00:12:28,110 --> 00:12:34,830

well yes we do have to look to all

275

00:12:32,340 --> 00:12:36,930

aspects of the what Donald Trump will be

276

00:12:34,830 --> 00:12:39,030

doing because of course what happens in

277

00:12:36,929 --> 00:12:40,829

the United States affects the rest of

278

00:12:39,029 --> 00:12:44,459

the world and Australia is not immune to

279

00:12:40,830 --> 00:12:46,320

that during a huge interest here from

280

00:12:44,460 --> 00:12:48,389

government to business to every level of

281

00:12:46,320 --> 00:12:51,180

society because it is we are so

282

00:12:48,389 --> 00:12:53,129

intertwined not to mention the strong

283

00:12:51,179 --> 00:12:55,319

partnership Australian the United States

284

00:12:53,129 --> 00:12:58,980

have enjoyed over decades and decades

285

00:12:55,320 --> 00:13:00,540

and decades but we might you know if

286

00:12:58,980 --> 00:13:03,269

there's a silver lining to

287

00:13:00,539 --> 00:13:05,819

cloudy president Trump might wake up one

288

00:13:03,269 --> 00:13:07,559

day and say well let's put a lot of more

289

00:13:05,820 --> 00:13:08,940

money into NASA and go back to the moon

290

00:13:07,559 --> 00:13:11,250

just for the hell of it or something

291

00:13:08,940 --> 00:13:15,690

crazy like that which could bring us

292

00:13:11,250 --> 00:13:17,460

good results it is an unknown yeah it is

293

00:13:15,690 --> 00:13:19,710

an unknown it's a good point about NASA

294

00:13:17,460 --> 00:13:21,120

and exploring the moon those are you

295

00:13:19,710 --> 00:13:23,490

know obviously things that I feel very

296

00:13:21,120 --> 00:13:26,039

strongly about both in the affirmative

297

00:13:23,490 --> 00:13:27,330

and yeah I I think there should be more

298

00:13:26,039 --> 00:13:28,799

resources going that I think there

299

00:13:27,330 --> 00:13:30,420

should be going I think overall there

300
00:13:28,799 --> 00:13:32,129
should be more resources dedicated to

301
00:13:30,419 --> 00:13:34,259
all the sciences across the board

302
00:13:32,129 --> 00:13:36,960
approve everything that federal and

303
00:13:34,259 --> 00:13:39,960
state governments universities and there

304
00:13:36,960 --> 00:13:42,660
and and all the other layers of our you

305
00:13:39,960 --> 00:13:44,790
know organized scientific system is if

306
00:13:42,659 --> 00:13:45,929
that's what you can call it because they

307
00:13:44,789 --> 00:13:49,079
all going to play a part they're all

308
00:13:45,929 --> 00:13:51,539
going to be part of the solution for the

309
00:13:49,080 --> 00:13:54,509
real problems that we have and we have

310
00:13:51,539 --> 00:13:57,769
to be serious about this and you know we

311
00:13:54,509 --> 00:14:00,870
one can hope and if you so choose pray

312
00:13:57,769 --> 00:14:03,500
that your executive administration and

313
00:14:00,870 --> 00:14:07,139
for the next four years will show some

314

00:14:03,500 --> 00:14:09,000
level of reasonability when it comes to

315
00:14:07,139 --> 00:14:10,889
these things I think I think we can't

316
00:14:09,000 --> 00:14:12,210
set our hopes too high for that because

317
00:14:10,889 --> 00:14:14,549
we'll be hopefully hopelessly

318
00:14:12,210 --> 00:14:17,639
disappointed if we we decide to put too

319
00:14:14,549 --> 00:14:20,219
much faith in Trump or any other one

320
00:14:17,639 --> 00:14:21,720
politician well yes yeah we have to you

321
00:14:20,220 --> 00:14:23,190
know we have to keep level-headed at the

322
00:14:21,720 --> 00:14:25,050
same time and also I think as you

323
00:14:23,190 --> 00:14:28,020
alluded to earlier Richard not that our

324
00:14:25,049 --> 00:14:31,229
emotions sort of get the better of us

325
00:14:28,019 --> 00:14:32,519
and and obfuscate us from you know what

326
00:14:31,230 --> 00:14:33,840
we're really trying to do here we're

327
00:14:32,519 --> 00:14:35,610
gonna have to work harder basically i

328
00:14:33,840 --> 00:14:37,350

think is what it comes down to harder

329

00:14:35,610 --> 00:14:39,120

than we've worked in the past years in

330

00:14:37,350 --> 00:14:43,200

which we you know we're under an

331

00:14:39,120 --> 00:14:45,000

administration which by comparison to to

332

00:14:43,200 --> 00:14:47,310

what we expect of a Donald Trump will be

333

00:14:45,000 --> 00:14:49,440

a much more much have been a much more

334

00:14:47,309 --> 00:14:52,259

science friendly administration than

335

00:14:49,440 --> 00:14:54,750

what we have coming on the horizon yeah

336

00:14:52,259 --> 00:14:57,120

I think we'll have to put our retirement

337

00:14:54,750 --> 00:15:02,340

plans on the shelf for a little while

338

00:14:57,120 --> 00:15:03,870

longer Evan I'm afraid hahaha retirement

339

00:15:02,340 --> 00:15:06,629

plans that's a good one today I'm gonna

340

00:15:03,870 --> 00:15:08,399

write that down and I know you next year

341

00:15:06,629 --> 00:15:09,960

you were looking forward to coming out

342

00:15:08,399 --> 00:15:12,329

here we could go fishing together for

343
00:15:09,960 --> 00:15:13,310
crocodiles but you know let's just put

344
00:15:12,330 --> 00:15:17,330
that off for a couple

345
00:15:13,309 --> 00:15:18,769
use well I'll tell you what any time

346
00:15:17,330 --> 00:15:20,480
spent with you and getting back to

347
00:15:18,769 --> 00:15:22,460
Australia is always worth it Richard so

348
00:15:20,480 --> 00:15:23,690
even if I have to bite my time and do a

349
00:15:22,460 --> 00:15:25,340
little more work on this end to get

350
00:15:23,690 --> 00:15:27,380
there it's worth it well thank you for

351
00:15:25,340 --> 00:15:30,200
that Evan it's good to have a view from

352
00:15:27,379 --> 00:15:31,519
the United States so somebody who's in

353
00:15:30,200 --> 00:15:34,310
the middle of it in the thick of it

354
00:15:31,519 --> 00:15:35,990
almost started to speak and well the

355
00:15:34,309 --> 00:15:37,849
whole world will be certainly watching

356
00:15:35,990 --> 00:15:41,389
with interest what happens over the next

357
00:15:37,850 --> 00:15:43,460
months and years oh definitely doc don't

358
00:15:41,389 --> 00:15:45,019
panic though folks I mean I don't think

359
00:15:43,460 --> 00:15:47,389
you need to panic that would be

360
00:15:45,019 --> 00:15:49,730
counterproductive so thank you Richard I

361
00:15:47,389 --> 00:15:52,759
think you're right for now Evan and we

362
00:15:49,730 --> 00:15:55,670
might catch up again before too long to

363
00:15:52,759 --> 00:16:13,250
see how things are going anytime just

364
00:15:55,669 --> 00:16:15,169
let me know thank you take care hi this

365
00:16:13,250 --> 00:16:18,019
is Heidi Robertson from the Northern

366
00:16:15,169 --> 00:16:20,779
Rivers vaccination supporters we are a

367
00:16:18,019 --> 00:16:22,610
group of concerned citizens dedicated to

368
00:16:20,779 --> 00:16:25,519
promoting good science and common sense

369
00:16:22,610 --> 00:16:28,610
in our region the far north coast of New

370
00:16:25,519 --> 00:16:30,939
South Wales this area are famous for its

371

00:16:28,610 --> 00:16:34,159
natural beauty and relaxed lifestyle

372
00:16:30,940 --> 00:16:37,400
also has the lowest rates of vaccination

373
00:16:34,159 --> 00:16:38,959
in Australia we are out to change that

374
00:16:37,399 --> 00:16:41,659
by challenging the myths and

375
00:16:38,960 --> 00:16:43,850
misinformation and by providing good

376
00:16:41,659 --> 00:16:46,699
evidence based information to the

377
00:16:43,850 --> 00:16:49,159
community we'd love for you no matter

378
00:16:46,700 --> 00:16:54,850
where you are in the world to join our

379
00:16:49,159 --> 00:16:59,419
fight please visit our webpage at ww

380
00:16:54,850 --> 00:17:03,860
nrvs info we also have a link there to

381
00:16:59,419 --> 00:17:05,889
our facebook page tweet us at in our fax

382
00:17:03,860 --> 00:17:08,289
supporters that's VA

383
00:17:05,890 --> 00:17:10,290
and check us out on Wikipedia by

384
00:17:08,289 --> 00:17:31,329
searching for Northern Rivers

385
00:17:10,289 --> 00:17:33,849

vaccination supporters thank you last

386

00:17:31,329 --> 00:17:38,109

week on the show we mentioned orgone

387

00:17:33,849 --> 00:17:40,899

energy the weird energy that brought

388

00:17:38,109 --> 00:17:43,029

Peter Brock sort of undone when he tried

389

00:17:40,900 --> 00:17:47,110

to pedal a device using orgone energy in

390

00:17:43,029 --> 00:17:48,940

in cars to make them go better what I

391

00:17:47,109 --> 00:17:50,979

didn't mention at the time is another

392

00:17:48,940 --> 00:17:53,559

aspect of all gone energy the name comes

393

00:17:50,980 --> 00:17:55,360

from all gasp believe it or not and I'll

394

00:17:53,559 --> 00:17:57,129

let you do your own research on that

395

00:17:55,359 --> 00:18:00,519

today I'm going to be looking at

396

00:17:57,130 --> 00:18:02,020

something called scalar energy and this

397

00:18:00,519 --> 00:18:04,379

is something I've seen around for many

398

00:18:02,019 --> 00:18:07,869

years at the mind-body wallet festival

399

00:18:04,380 --> 00:18:09,790

although not lately not the last year or

400
00:18:07,869 --> 00:18:12,609
so I don't think I've seen scalar maybe

401
00:18:09,789 --> 00:18:14,769
it's not as popular as it once was and a

402
00:18:12,609 --> 00:18:16,859
company called fusion XL that we're

403
00:18:14,769 --> 00:18:20,559
selling products like pendants and

404
00:18:16,859 --> 00:18:24,779
flasks you fill with water or to do with

405
00:18:20,559 --> 00:18:24,779
this this scalar energy

406
00:18:26,058 --> 00:18:31,109
but what is a scalar energy well it's a

407
00:18:29,460 --> 00:18:33,778
bit of a nonsense really as you might

408
00:18:31,109 --> 00:18:36,599
suspect having to do with the new age

409
00:18:33,778 --> 00:18:38,130
and this sort of thing so I've let my

410
00:18:36,599 --> 00:18:41,548
fingers do the walking over my keyboard

411
00:18:38,130 --> 00:18:44,309
and I put in the question what a scale

412
00:18:41,548 --> 00:18:48,058
our energy and from the website Korra

413
00:18:44,308 --> 00:18:50,369
calm and I will provide a link what is

414
00:18:48,058 --> 00:18:52,859
the definition of scale our energy and

415
00:18:50,369 --> 00:18:56,668
one of the answers posted the scale

416
00:18:52,859 --> 00:19:00,298
Abbott a quantity can be a vector or a

417
00:18:56,669 --> 00:19:03,149
scalar a scalar is a quantity that has

418
00:19:00,298 --> 00:19:06,240
size for example the speed of a car can

419
00:19:03,148 --> 00:19:09,269
be 60 kilometers an hour that is a

420
00:19:06,240 --> 00:19:12,509
scalar the vector is a quantity that has

421
00:19:09,269 --> 00:19:14,639
the size and a direction for example the

422
00:19:12,509 --> 00:19:17,609
velocity of a car might be 60 kilometers

423
00:19:14,640 --> 00:19:20,909
an hour to East this is a vector the

424
00:19:17,609 --> 00:19:23,129
energy bit energy is a quantity that can

425
00:19:20,909 --> 00:19:25,770
be turned into many different forms

426
00:19:23,130 --> 00:19:28,320
kinetic energy is related to how an

427
00:19:25,769 --> 00:19:30,569
object is moving potential energy is

428

00:19:28,319 --> 00:19:33,839
related to how much work something can

429
00:19:30,569 --> 00:19:36,439
do etc the total energy in a system that

430
00:19:33,839 --> 00:19:39,869
has no contact with the outside world is

431
00:19:36,440 --> 00:19:43,019
constant which makes energy very useful

432
00:19:39,869 --> 00:19:45,839
as a bookkeeping tool energy is always a

433
00:19:43,019 --> 00:19:48,298
scalar energy is always a scalar so a

434
00:19:45,839 --> 00:19:50,879
serious scientist wouldn't say quote

435
00:19:48,298 --> 00:19:54,119
scalar energy and quote because there's

436
00:19:50,880 --> 00:19:57,528
no need to say it's scalar and here is

437
00:19:54,119 --> 00:20:00,239
an answer posted it answers.yahoo.com

438
00:19:57,528 --> 00:20:02,640
there may actually be a scientific

439
00:20:00,240 --> 00:20:05,359
problem in combining scalar with energy

440
00:20:02,640 --> 00:20:09,059
and have a personal problem with the

441
00:20:05,359 --> 00:20:10,949
combined term here is why the term

442
00:20:09,058 --> 00:20:13,048

scalar comes principally from the

443

00:20:10,950 --> 00:20:16,169

analysis of mechanics in the study of

444

00:20:13,048 --> 00:20:18,679

physics scalar is an attribute placed on

445

00:20:16,169 --> 00:20:21,059

a measurement in science that simply

446

00:20:18,679 --> 00:20:23,429

identifies a magnitude without any

447

00:20:21,058 --> 00:20:25,678

reference to a direction for instance

448

00:20:23,429 --> 00:20:27,950

mass volume speed and temperature are

449

00:20:25,679 --> 00:20:31,350

all parameters when measured and are

450

00:20:27,950 --> 00:20:32,940

referenced as being scalar quantities to

451

00:20:31,349 --> 00:20:35,398

make things more clear consider the

452

00:20:32,940 --> 00:20:37,500

opposite of the scalar which is vector a

453

00:20:35,398 --> 00:20:38,178

vector quantity is a parameter having

454

00:20:37,500 --> 00:20:41,089

both

455

00:20:38,179 --> 00:20:43,249

magnitude and direction for instance

456

00:20:41,089 --> 00:20:46,099

force velocity acceleration talk

457
00:20:43,249 --> 00:20:48,079
electric and magnetic fields our all

458
00:20:46,099 --> 00:20:50,778
parameters under study are treated as

459
00:20:48,079 --> 00:20:52,609
vector quantities energy on the other

460
00:20:50,778 --> 00:20:54,919
hand is considered to be anything that

461
00:20:52,609 --> 00:20:58,398
can change the condition of matter or

462
00:20:54,919 --> 00:21:01,580
the ability to do work energy is a

463
00:20:58,398 --> 00:21:04,699
complex subject and is not a thing but

464
00:21:01,579 --> 00:21:07,339
both a thing in a process akin to a word

465
00:21:04,700 --> 00:21:09,499
being both a noun and a verb energy can

466
00:21:07,339 --> 00:21:11,538
be studied without consideration for

467
00:21:09,499 --> 00:21:13,519
direction which is the principal

468
00:21:11,538 --> 00:21:17,089
difference between a scalar and a vector

469
00:21:13,519 --> 00:21:19,159
quantity so to sum up it's really not

470
00:21:17,089 --> 00:21:22,939
appropriate to be put scalar and energy

471
00:21:19,159 --> 00:21:25,249
together unless unless you're using it

472
00:21:22,940 --> 00:21:28,179
for marketing unless you want to make a

473
00:21:25,249 --> 00:21:31,669
word salad unless you think it sounds

474
00:21:28,179 --> 00:21:34,778
sciency now scalar energy has been

475
00:21:31,669 --> 00:21:38,629
picked up by Love New Age sort of

476
00:21:34,778 --> 00:21:42,169
thinking people it's like like all these

477
00:21:38,628 --> 00:21:44,599
weird energies it can do everything you

478
00:21:42,169 --> 00:21:47,509
scale our energy in a device and that

479
00:21:44,599 --> 00:21:49,158
will well the possibilities are endless

480
00:21:47,509 --> 00:21:52,460
it'll certainly improve your balance

481
00:21:49,159 --> 00:21:55,159
your strength your flexibility as per

482
00:21:52,460 --> 00:21:57,230
those body balanced tests but it also

483
00:21:55,159 --> 00:21:59,059
will infuse water with mystical

484
00:21:57,230 --> 00:22:01,548
properties or make your coffee tastes

485

00:21:59,058 --> 00:22:03,918
better or no end of no into things and

486
00:22:01,548 --> 00:22:06,589
just looking quickly online there are

487
00:22:03,919 --> 00:22:08,629
many many references to scale our energy

488
00:22:06,589 --> 00:22:11,028
some of these search results coming up

489
00:22:08,628 --> 00:22:13,459
scalar energy a complete new world is

490
00:22:11,028 --> 00:22:17,778
possible the founding father of scalar

491
00:22:13,460 --> 00:22:20,808
energy Nicola Tesla oh boy DNA gateway

492
00:22:17,778 --> 00:22:23,599
to scalar energy based healing I think

493
00:22:20,808 --> 00:22:25,220
you get the idea but what surprised me

494
00:22:23,599 --> 00:22:28,148
just the other day when I was doing a

495
00:22:25,220 --> 00:22:31,730
bit of research into this scalar energy

496
00:22:28,148 --> 00:22:34,428
was one of the results that popped up

497
00:22:31,730 --> 00:22:37,579
was a government health warning about

498
00:22:34,429 --> 00:22:40,580
the quantum pendants and these things

499
00:22:37,579 --> 00:22:44,148

I've seen years ago at mind-body wallet

500

00:22:40,579 --> 00:22:45,499

and the claim made to me at the time was

501

00:22:44,148 --> 00:22:48,378

these little penance you wear around

502

00:22:45,499 --> 00:22:50,538

your neck were made from volcanic ash

503

00:22:48,378 --> 00:22:51,619

and to me that just sounded like another

504

00:22:50,538 --> 00:22:57,839

yet another

505

00:22:51,619 --> 00:23:00,928

claim put in to sound exotic or somehow

506

00:22:57,839 --> 00:23:03,470

mystical or or just a nice sexy

507

00:23:00,929 --> 00:23:05,759

marketing term well it turns out that

508

00:23:03,470 --> 00:23:08,940

whatever they are made out of and it

509

00:23:05,759 --> 00:23:12,119

could be volcanic ash in fact it turns

510

00:23:08,940 --> 00:23:13,909

out the material is radioactive now

511

00:23:12,119 --> 00:23:18,329

radioactive to a small degree but

512

00:23:13,909 --> 00:23:20,429

radioactive nevertheless and so we come

513

00:23:18,329 --> 00:23:27,750

to the warning from the Australian

514
00:23:20,429 --> 00:23:32,639
Government from ww arp ANS egg of the

515
00:23:27,750 --> 00:23:35,159
day you published august 2016 australian

516
00:23:32,638 --> 00:23:37,490
government australian radiation

517
00:23:35,159 --> 00:23:41,549
protection and nuclear safety agency

518
00:23:37,490 --> 00:23:45,149
product warning scalar energy pendants

519
00:23:41,548 --> 00:23:48,538
and health wearing a scalar energy

520
00:23:45,148 --> 00:23:52,428
pendant will increase your radiation

521
00:23:48,538 --> 00:23:55,169
exposure scalar energy pendants are an

522
00:23:52,429 --> 00:23:57,240
alternative medicine product the

523
00:23:55,169 --> 00:23:59,130
manufacturers of scalar energy pendent

524
00:23:57,240 --> 00:24:02,130
state that dependence are made of

525
00:23:59,130 --> 00:24:04,139
volcanic materials and make claims of a

526
00:24:02,130 --> 00:24:06,600
number of health benefits including

527
00:24:04,138 --> 00:24:10,199
improved circulation improved stamina

528
00:24:06,599 --> 00:24:12,719
and improved flexibility similar

529
00:24:10,200 --> 00:24:16,110
pendants may also be labeled as quantum

530
00:24:12,720 --> 00:24:20,429
energy or quantum science what is the

531
00:24:16,109 --> 00:24:23,609
hazard arp a NSA has confirmed the

532
00:24:20,429 --> 00:24:25,889
presence of radioactive material in

533
00:24:23,609 --> 00:24:28,729
these pendants in particular the

534
00:24:25,888 --> 00:24:33,388
naturally-occurring radioisotopes of

535
00:24:28,730 --> 00:24:36,230
uranium-238 and thorium 232 these

536
00:24:33,388 --> 00:24:39,569
pendants emit alpha beta and gamma

537
00:24:36,230 --> 00:24:42,960
radiation the alpha particles are mostly

538
00:24:39,569 --> 00:24:45,509
absorbed within the material and pose no

539
00:24:42,960 --> 00:24:47,970
threat to the health of the wearer the

540
00:24:45,509 --> 00:24:50,369
beta particles from pens worn close to

541
00:24:47,970 --> 00:24:53,460
the body will only penetrate a short

542

00:24:50,369 --> 00:24:57,028
distance into tissue and will be mostly

543
00:24:53,460 --> 00:24:59,788
absorbed in the skin the gamma particles

544
00:24:57,028 --> 00:25:04,378
emitted will penetrate over a large area

545
00:24:59,788 --> 00:25:05,910
of tissue ARP a NSA has assessed that

546
00:25:04,378 --> 00:25:07,649
the whole body radiation

547
00:25:05,910 --> 00:25:10,800
does to an individual wearing one of

548
00:25:07,650 --> 00:25:12,690
these pendants is likely to be low the

549
00:25:10,799 --> 00:25:14,819
estimates of a dose are considerably

550
00:25:12,690 --> 00:25:16,830
less than doses received by the

551
00:25:14,819 --> 00:25:18,740
australian population from radiation

552
00:25:16,829 --> 00:25:21,240
found naturally in our environment

553
00:25:18,740 --> 00:25:24,690
however these products in particular

554
00:25:21,240 --> 00:25:27,240
wearing pendants continuously have the

555
00:25:24,690 --> 00:25:30,269
potential to give an elevated skin dose

556
00:25:27,240 --> 00:25:32,940

due to beta radiation exposure and

557

00:25:30,269 --> 00:25:37,470

limiting exposure should be considered

558

00:25:32,940 --> 00:25:39,390

what should you do ARP a NSA advises

559

00:25:37,470 --> 00:25:41,940

consumers that these items contain

560

00:25:39,390 --> 00:25:44,700

naturally occurring radioactive material

561

00:25:41,940 --> 00:25:47,820

that can result in additional radiation

562

00:25:44,700 --> 00:25:51,450

exposures that offer no established

563

00:25:47,819 --> 00:25:53,129

evidence-based benefits if you still

564

00:25:51,450 --> 00:25:55,769

wish to wear or use one of these

565

00:25:53,130 --> 00:25:58,770

products it is advised to limit your

566

00:25:55,769 --> 00:26:02,759

skin dose via beta radiation exposure by

567

00:25:58,769 --> 00:26:06,720

one limiting the time you are in contact

568

00:26:02,759 --> 00:26:10,319

with or where the product to increase

569

00:26:06,720 --> 00:26:13,890

your distance from the product 3 wearing

570

00:26:10,319 --> 00:26:15,569

the pendant over clothing and that

571
00:26:13,890 --> 00:26:17,820
product warning comes to us from the

572
00:26:15,569 --> 00:26:20,039
Australian Government Australian

573
00:26:17,819 --> 00:26:23,450
radiation protection and nuclear safety

574
00:26:20,039 --> 00:26:26,069
agency now it's possible that the

575
00:26:23,450 --> 00:26:29,250
Australian Government discovered that

576
00:26:26,069 --> 00:26:33,990
these things were radioactive by various

577
00:26:29,250 --> 00:26:38,700
online videos and looking at the youtube

578
00:26:33,990 --> 00:26:42,539
channel of antiprotons and his video the

579
00:26:38,700 --> 00:26:44,580
quantum pendant we see he has tested

580
00:26:42,539 --> 00:26:46,379
this pendant with a Geiger counter and

581
00:26:44,579 --> 00:26:49,259
I'll just play a little bit of audio

582
00:26:46,380 --> 00:26:50,930
from that let's see how the Geiger

583
00:26:49,259 --> 00:26:53,190
counter reacts well first let's put a

584
00:26:50,930 --> 00:26:55,019
quantum pendant I can't up saying that

585
00:26:53,190 --> 00:26:58,259
drives me nuts I don't know what they

586
00:26:55,019 --> 00:26:59,700
mean by scalar energy anyway that's not

587
00:26:58,259 --> 00:27:01,019
really anything I've ever heard of

588
00:26:59,700 --> 00:27:05,660
because all I deal with is you know

589
00:27:01,019 --> 00:27:05,660
physics but whatever cut on the sound

590
00:27:05,670 --> 00:27:09,890
I'll see what we get in this area right

591
00:27:07,829 --> 00:27:09,889
here

592
00:27:10,808 --> 00:27:16,089
in fact see can I put this on anything

593
00:27:13,538 --> 00:27:20,169
and let's put this right here there we

594
00:27:16,089 --> 00:27:24,099
go so there you go this is the area due

595
00:27:20,169 --> 00:27:26,980
to do 38 nothing amazing now put the

596
00:27:24,099 --> 00:27:36,538
quantum pendant with quantum scalar

597
00:27:26,980 --> 00:27:40,749
energy order I look at my particular

598
00:27:36,538 --> 00:27:42,609
pendant happens to be radioactive I of

599

00:27:40,749 --> 00:27:45,669
course am in no way speaking of any

600
00:27:42,609 --> 00:27:48,339
other ones for legal purposes but I do

601
00:27:45,669 --> 00:27:50,369
know that mine is radioactive how do i

602
00:27:48,339 --> 00:27:53,798
know because i have two independent

603
00:27:50,368 --> 00:27:58,749
calibrated radiation detectors which

604
00:27:53,798 --> 00:28:01,210
both say it is why is it radioactive i

605
00:27:58,749 --> 00:28:02,769
don't know personally i'm not going to

606
00:28:01,210 --> 00:28:04,869
wear it because i have a this weird

607
00:28:02,769 --> 00:28:07,269
problem I don't seem to like to put

608
00:28:04,868 --> 00:28:09,308
radioactive things around my neck it

609
00:28:07,269 --> 00:28:13,749
feels somehow like a bad idea but that's

610
00:28:09,308 --> 00:28:15,700
my own personal belief and that video

611
00:28:13,749 --> 00:28:18,069
that little clip from that video that's

612
00:28:15,700 --> 00:28:21,629
not the only video out there where

613
00:28:18,069 --> 00:28:25,240

people are testing this quantum scalar

614

00:28:21,628 --> 00:28:26,949

pendant now I'll read from a flyer I

615

00:28:25,240 --> 00:28:30,368

picked up many years ago from a company

616

00:28:26,950 --> 00:28:32,528

called fusion XL who make little

617

00:28:30,368 --> 00:28:36,128

pendants and things or at least market

618

00:28:32,528 --> 00:28:38,618

them we have the promise of increased

619

00:28:36,128 --> 00:28:40,178

balance strength flexibility the same

620

00:28:38,618 --> 00:28:42,579

sort of thing the old power balance

621

00:28:40,179 --> 00:28:44,470

people were doing and indeed when i came

622

00:28:42,579 --> 00:28:46,599

across their stall many years ago they

623

00:28:44,470 --> 00:28:49,929

were doing the same sort of body balance

624

00:28:46,599 --> 00:28:51,969

routines and i'll link to a video i made

625

00:28:49,929 --> 00:28:53,769

on the subject in this week's show notes

626

00:28:51,970 --> 00:28:55,419

how to do these tricks these body

627

00:28:53,769 --> 00:28:58,118

balance tricks and they're still going

628
00:28:55,419 --> 00:29:00,909
on i saw one just a couple of weeks ago

629
00:28:58,118 --> 00:29:02,999
at mind-body wallet here in sydney

630
00:29:00,909 --> 00:29:07,409
another company doing similar things

631
00:29:02,999 --> 00:29:12,038
anyway from this flyer bioenergy

632
00:29:07,409 --> 00:29:15,249
synthesis technology trademark and i'll

633
00:29:12,038 --> 00:29:18,009
try to read this verbatim if it sounds a

634
00:29:15,249 --> 00:29:21,429
bit odd you'll understand why what is

635
00:29:18,009 --> 00:29:23,980
scalar energy scalar energy is a subtle

636
00:29:21,429 --> 00:29:24,759
energy that can be harnessed to produce

637
00:29:23,980 --> 00:29:27,430
healing

638
00:29:24,759 --> 00:29:29,650
energy frequencies that can be through

639
00:29:27,430 --> 00:29:34,560
while experimenting with violently

640
00:29:29,650 --> 00:29:38,550
abrupt direct current electrical charges

641
00:29:34,559 --> 00:29:41,980
has existed since the beginning of time

642
00:29:38,549 --> 00:29:44,680
benefits of scalar energy eliminates the

643
00:29:41,980 --> 00:29:48,339
negative effects level of man-made

644
00:29:44,680 --> 00:29:51,100
frequency / radioactive TV cellphones

645
00:29:48,339 --> 00:29:52,869
electric cable and computer scalar

646
00:29:51,099 --> 00:29:55,149
energy frequencies will neutralize

647
00:29:52,869 --> 00:29:58,509
man-made frequencies to harmless

648
00:29:55,150 --> 00:30:04,210
frequencies to human increasing every

649
00:29:58,509 --> 00:30:06,849
cell level to 70 to 90 mini volts 70 to

650
00:30:04,210 --> 00:30:10,539
90 mini volts are the healthy cell in

651
00:30:06,849 --> 00:30:14,109
our body relieve fatigue tightness and

652
00:30:10,539 --> 00:30:18,190
rightly when sick or tired these charges

653
00:30:14,109 --> 00:30:20,889
will decrease scalar energy will help

654
00:30:18,190 --> 00:30:23,680
energize our cell back to healthy state

655
00:30:20,890 --> 00:30:26,860
and remain the electrical charges thus

656

00:30:23,680 --> 00:30:31,480
we will feel less fatigue tiredness and

657
00:30:26,859 --> 00:30:34,839
rigidity after work protect cells DNA

658
00:30:31,480 --> 00:30:36,640
from damage and prevent cancer cell well

659
00:30:34,839 --> 00:30:40,689
isn't that interesting folks I've had

660
00:30:36,640 --> 00:30:43,780
this on my files for years as I have

661
00:30:40,690 --> 00:30:47,430
thousands of other documents but unless

662
00:30:43,779 --> 00:30:51,160
one reads it carefully line by line I

663
00:30:47,430 --> 00:30:52,930
cancer claim that's interesting that has

664
00:30:51,160 --> 00:30:54,460
legal ramifications but I don't even

665
00:30:52,930 --> 00:30:57,519
know if these people are still going in

666
00:30:54,460 --> 00:30:59,829
this country anyway we read on DNA's

667
00:30:57,519 --> 00:31:03,099
particles are connecting with each other

668
00:30:59,829 --> 00:31:06,159
in hydrogen bonds when hydrogen bonds of

669
00:31:03,099 --> 00:31:09,189
DNA damage some of dnase particles will

670
00:31:06,160 --> 00:31:12,100

lose out and become cancer cells scalar

671

00:31:09,190 --> 00:31:14,740

energy able to imprint in human DNA and

672

00:31:12,099 --> 00:31:17,549

protect hydrogen bond from damage by

673

00:31:14,740 --> 00:31:20,319

increasing its energy enhance

674

00:31:17,549 --> 00:31:23,730

detoxification and nutrient uptake

675

00:31:20,319 --> 00:31:27,849

process like sugar diabetes cholesterol

676

00:31:23,730 --> 00:31:30,490

oil hypertension toxin enhance system

677

00:31:27,849 --> 00:31:32,980

absorber vitamin from foods and drink

678

00:31:30,490 --> 00:31:36,339

and increase system detoxification of

679

00:31:32,980 --> 00:31:38,589

chemicals of food and drinks when cell

680

00:31:36,339 --> 00:31:40,959

is running detoxification and

681

00:31:38,589 --> 00:31:43,750

an uptake process it needs to go through

682

00:31:40,960 --> 00:31:46,450

cell wall the higher the cell wall

683

00:31:43,750 --> 00:31:48,759

permeability the easier the Vidocq

684

00:31:46,450 --> 00:31:52,000

suffocation and nutrient uptake process

685
00:31:48,759 --> 00:31:53,980
function we will become healthier when a

686
00:31:52,000 --> 00:31:57,909
cell uptake through nutrient and

687
00:31:53,980 --> 00:32:00,909
detoxify all waste from cell strength

688
00:31:57,909 --> 00:32:04,770
and body immune system when the cell

689
00:32:00,909 --> 00:32:07,960
gets enough energy 70 to 90 mini volts

690
00:32:04,769 --> 00:32:10,960
detoxify and nutrient uptake process is

691
00:32:07,960 --> 00:32:13,240
functioning at best state the cell will

692
00:32:10,960 --> 00:32:15,940
become healthy cells when cells are

693
00:32:13,240 --> 00:32:18,640
healthy they are able to fight against

694
00:32:15,940 --> 00:32:21,308
bacteria in our body direct our body

695
00:32:18,640 --> 00:32:25,299
immune system is strengthening bear with

696
00:32:21,308 --> 00:32:28,720
me folks there's more cleanses the blood

697
00:32:25,298 --> 00:32:32,519
and improve blood profile improve mental

698
00:32:28,720 --> 00:32:35,500
focus and helps regulate Bloods pressure

699
00:32:32,519 --> 00:32:38,288
strengthens immune functions up to one

700
00:32:35,500 --> 00:32:41,200
hundred and forty-nine percent prevents

701
00:32:38,288 --> 00:32:43,390
or reverses cancer cells there it is

702
00:32:41,200 --> 00:32:45,278
again isn't that interesting there are

703
00:32:43,390 --> 00:32:47,710
some other are points here I'm skipping

704
00:32:45,278 --> 00:32:51,369
over for the sake of brevity but I think

705
00:32:47,710 --> 00:32:54,579
you get the idea how do we know products

706
00:32:51,369 --> 00:32:57,668
contain scalar energy a the water

707
00:32:54,579 --> 00:33:01,199
molecule is become smaller by putting it

708
00:32:57,669 --> 00:33:05,350
on the scale our product after a while

709
00:33:01,200 --> 00:33:08,140
be the cigarette will become tasteless

710
00:33:05,349 --> 00:33:11,648
by putting it on scalar energy product

711
00:33:08,140 --> 00:33:13,720
after a while see improving the taste of

712
00:33:11,648 --> 00:33:17,798
coffee and tea by putting it on scalar

713

00:33:13,720 --> 00:33:20,140
energy product after a while mm-hmm all

714
00:33:17,798 --> 00:33:24,220
right even I have to actually um stop

715
00:33:20,140 --> 00:33:27,429
before my before my tongue mutinies and

716
00:33:24,220 --> 00:33:29,019
runs out of the room now given this is

717
00:33:27,429 --> 00:33:35,259
obviously a translation from another

718
00:33:29,019 --> 00:33:41,038
language to an extent ah even given the

719
00:33:35,259 --> 00:33:44,619
the poor translation the claims are just

720
00:33:41,038 --> 00:33:48,519
textbook new-age gibberish and nonsense

721
00:33:44,619 --> 00:33:51,289
of course and if I go to the internet

722
00:33:48,519 --> 00:33:53,779
now in 2016

723
00:33:51,289 --> 00:33:58,279
I look at the website of fusion XL dot

724
00:33:53,779 --> 00:34:00,740
org you will see the quantum pendant in

725
00:33:58,279 --> 00:34:02,960
question as relating to the government

726
00:34:00,740 --> 00:34:09,168
health warning and many other products

727
00:34:02,960 --> 00:34:11,360

of course what surprises me and a little

728

00:34:09,168 --> 00:34:14,089

a little bit hard to surprise me these

729

00:34:11,360 --> 00:34:15,700

days is that the pendant in question

730

00:34:14,090 --> 00:34:19,720

according to the government actually

731

00:34:15,699 --> 00:34:22,849

does contain some volcanic ash or

732

00:34:19,719 --> 00:34:26,859

material that has radioactive material

733

00:34:22,849 --> 00:34:32,029

in it why this surprises me is that the

734

00:34:26,860 --> 00:34:34,220

for all people know these pendants can

735

00:34:32,030 --> 00:34:36,200

just be made out of plastic or cheap

736

00:34:34,219 --> 00:34:39,230

metal or or anything it really wouldn't

737

00:34:36,199 --> 00:34:40,819

matter there's no there's no way that

738

00:34:39,230 --> 00:34:43,730

they can do all the things they claim

739

00:34:40,820 --> 00:34:45,850

but they actually are and along the

740

00:34:43,730 --> 00:34:48,349

process some may have some sort of

741

00:34:45,849 --> 00:34:50,000

volcanic ash which was mentioned to me

742
00:34:48,349 --> 00:34:53,569
years ago at the time when i first came

743
00:34:50,000 --> 00:34:55,639
across these things which is an odd

744
00:34:53,570 --> 00:35:00,080
situation which means somewhere someone

745
00:34:55,639 --> 00:35:03,079
along the chain of command who actually

746
00:35:00,079 --> 00:35:04,909
many people would believe it as is often

747
00:35:03,079 --> 00:35:06,710
the case people peddling these things at

748
00:35:04,909 --> 00:35:08,809
mind-body wild festivals often believed

749
00:35:06,710 --> 00:35:10,849
in the proctor peddling but even higher

750
00:35:08,809 --> 00:35:12,920
up that's interesting that they've gone

751
00:35:10,849 --> 00:35:15,349
to the trouble to put this stuff in them

752
00:35:12,920 --> 00:35:17,000
it was also interesting to over the

753
00:35:15,349 --> 00:35:19,000
years to have many people say there's no

754
00:35:17,000 --> 00:35:21,230
such thing as a safe level of radiation

755
00:35:19,000 --> 00:35:24,050
you've probably heard the same sort of

756
00:35:21,230 --> 00:35:27,110
thing yet this product does have it this

757
00:35:24,050 --> 00:35:29,480
product is radioactive now given it's a

758
00:35:27,110 --> 00:35:31,970
very low dose it still is radioactive

759
00:35:29,480 --> 00:35:34,550
and if memory serves and I think it does

760
00:35:31,969 --> 00:35:35,689
in this case the fusion XL people we're

761
00:35:34,550 --> 00:35:40,550
selling something called the quantum

762
00:35:35,690 --> 00:35:43,460
flask using presumably using this claims

763
00:35:40,550 --> 00:35:45,019
of the scalar energy and again going

764
00:35:43,460 --> 00:35:48,679
online quickly there are many examples

765
00:35:45,019 --> 00:35:52,969
of this quantum flask one of the claims

766
00:35:48,679 --> 00:35:56,509
made to me and at the mind-body wallet

767
00:35:52,969 --> 00:36:01,279
was that if you pour water into your

768
00:35:56,510 --> 00:36:03,980
quantum flask the water then undergoes a

769
00:36:01,280 --> 00:36:05,180
mystical transformation or probably they

770

00:36:03,980 --> 00:36:07,400
would say scientific

771
00:36:05,179 --> 00:36:11,960
transformation and inherits the

772
00:36:07,400 --> 00:36:15,889
properties of sun block or suntan lotion

773
00:36:11,960 --> 00:36:17,900
as you might know it and this I think

774
00:36:15,889 --> 00:36:19,730
I've mentioned on the show before this

775
00:36:17,900 --> 00:36:22,480
is one of the rare times i actually had

776
00:36:19,730 --> 00:36:25,010
very strong words with the people

777
00:36:22,480 --> 00:36:27,260
selling things at the mind-body wallet

778
00:36:25,010 --> 00:36:30,859
and i told them in no uncertain terms

779
00:36:27,260 --> 00:36:33,079
that this was a very stupid claim to

780
00:36:30,858 --> 00:36:35,170
make and they should not do that but

781
00:36:33,079 --> 00:36:38,240
it's so typical of a lot of these

782
00:36:35,170 --> 00:36:42,650
new-age pendants and things that they

783
00:36:38,239 --> 00:36:45,379
will latch on to some vaguely sciency

784
00:36:42,650 --> 00:36:47,599

sounding thing likes Gala or in the case

785

00:36:45,380 --> 00:36:52,099

of power band it was actually the human

786

00:36:47,599 --> 00:36:53,539

residence was which is a frequency to do

787

00:36:52,099 --> 00:36:55,338

with the atmosphere and the planet but

788

00:36:53,539 --> 00:36:57,469

the frequency is huge I mean that the

789

00:36:55,338 --> 00:37:00,078

waveform is huge it's just something

790

00:36:57,469 --> 00:37:02,868

they can latch on to somebody some

791

00:37:00,079 --> 00:37:05,839

bright spark in and marketing years ago

792

00:37:02,869 --> 00:37:09,289

thought this would be a good thing mix

793

00:37:05,838 --> 00:37:12,769

it up with a bit of real science it

794

00:37:09,289 --> 00:37:14,269

becomes quite a word salad but to most

795

00:37:12,769 --> 00:37:16,338

punters out there it just sounds like

796

00:37:14,269 --> 00:37:18,889

it's some sort of wonderful new science

797

00:37:16,338 --> 00:37:20,599

so again it is worth going to mind body

798

00:37:18,889 --> 00:37:21,980

spirit festivals mind-body wallet

799
00:37:20,599 --> 00:37:24,859
festivals because every now and then you

800
00:37:21,980 --> 00:37:28,309
pick up a gem but you certainly learn a

801
00:37:24,858 --> 00:37:32,719
lot and in at last reading the fine

802
00:37:28,309 --> 00:37:34,490
print in this ridiculous flyer I can see

803
00:37:32,719 --> 00:37:36,649
that there they were making cancer

804
00:37:34,489 --> 00:37:38,838
claims which I should have picked up at

805
00:37:36,650 --> 00:37:40,940
the time nevertheless there we are

806
00:37:38,838 --> 00:37:43,599
complete with the health warning from

807
00:37:40,940 --> 00:37:43,599
the Australian Government

808
00:38:11,449 --> 00:38:16,438
do you think ink and you'll pass

809
00:38:13,978 --> 00:38:20,429
thinking the people who brought you dr.

810
00:38:16,438 --> 00:38:24,659
Neil deGrasse Tyson James Randi dr. Ben

811
00:38:20,429 --> 00:38:26,938
Goldacre dr. Lisa Randall sam Harris and

812
00:38:24,659 --> 00:38:30,629
many more are delighted to announce

813
00:38:26,938 --> 00:38:33,149
their annual pass for 2017 this pass

814
00:38:30,630 --> 00:38:34,798
allows access to all their events priced

815
00:38:33,150 --> 00:38:37,318
at just two hundred and ninety-nine

816
00:38:34,798 --> 00:38:40,108
dollars the average cost of two tickets

817
00:38:37,318 --> 00:38:43,650
the annual pass will include a VIP

818
00:38:40,108 --> 00:38:45,838
seating and a podcast and video versions

819
00:38:43,650 --> 00:38:48,449
of the event just in case you can't make

820
00:38:45,838 --> 00:38:50,849
it in person do you think ink and your

821
00:38:48,449 --> 00:38:53,608
past is a perfect way for regular

822
00:38:50,849 --> 00:38:56,099
thinkers to maximize their experience as

823
00:38:53,608 --> 00:38:58,978
well as a clever present for friends and

824
00:38:56,099 --> 00:39:01,650
family looking to explore smart answers

825
00:38:58,978 --> 00:39:04,409
to big questions a highlight of the

826
00:39:01,650 --> 00:39:08,130
coming season is none other than named

827

00:39:04,409 --> 00:39:12,358
Jane Goodall for more information and to

828
00:39:08,130 --> 00:39:31,829
get your annual pass visit pink pink dot

829
00:39:12,358 --> 00:39:35,500
org dot a you let's all take this with a

830
00:39:31,829 --> 00:39:42,300
grain of salt is around second

831
00:39:35,500 --> 00:39:46,570
oh okay so i'm here with Alain Moreau

832
00:39:42,300 --> 00:39:49,660
that guy yeah I was only correctly yeah

833
00:39:46,570 --> 00:39:51,730
known too much of the world as captain

834
00:39:49,659 --> 00:39:54,159
disillusion how do you pronounce your

835
00:39:51,730 --> 00:39:57,190
last name Malik janian just call me

836
00:39:54,159 --> 00:39:59,519
captain is fun yeah thanks for having me

837
00:39:57,190 --> 00:40:02,889
thank you for being on the skeptics down

838
00:39:59,519 --> 00:40:06,639
there you gave the opening talk

839
00:40:02,889 --> 00:40:10,059
yesterday morning which I must say was

840
00:40:06,639 --> 00:40:11,379
I'm really fantastic because it was very

841
00:40:10,059 --> 00:40:13,239

apart from the fact that it was

842

00:40:11,380 --> 00:40:15,430

informative and entertaining it was also

843

00:40:13,239 --> 00:40:16,959

very unusual it was not what people

844

00:40:15,429 --> 00:40:20,769

usually expected was up like that what

845

00:40:16,960 --> 00:40:22,840

thank you I did I did you know let's be

846

00:40:20,769 --> 00:40:25,259

honest I had about seven minutes of

847

00:40:22,840 --> 00:40:28,450

material of legitimate you know

848

00:40:25,260 --> 00:40:30,580

skepticism information to convey but I

849

00:40:28,449 --> 00:40:32,710

knew I had to deliver a 50-minute talk

850

00:40:30,579 --> 00:40:35,529

so I just filled it with a lot of

851

00:40:32,710 --> 00:40:37,599

production value and crazy interactive

852

00:40:35,530 --> 00:40:39,790

visuals and things like that so it

853

00:40:37,599 --> 00:40:41,710

turned into like a one-man show that I

854

00:40:39,789 --> 00:40:43,269

was very nervous about because it

855

00:40:41,710 --> 00:40:45,090

involved a lot of like playback

856
00:40:43,269 --> 00:40:48,269
technology and little tricks and things

857
00:40:45,090 --> 00:40:51,309
but yeah that's what I did it went off

858
00:40:48,269 --> 00:40:53,170
relatively without any hitches and I

859
00:40:51,309 --> 00:40:55,059
really enjoy performing it the crowd was

860
00:40:53,170 --> 00:40:57,880
awesome I was very nervous going on

861
00:40:55,059 --> 00:41:00,070
first but in a way I'm glad because I

862
00:40:57,880 --> 00:41:02,559
got another way because when I saw other

863
00:41:00,070 --> 00:41:04,269
speakers after me it just became more

864
00:41:02,559 --> 00:41:05,860
and more intimidating there were some

865
00:41:04,269 --> 00:41:07,869
really brilliant people on and I would

866
00:41:05,860 --> 00:41:10,090
have been way too nervous to go on after

867
00:41:07,869 --> 00:41:12,130
anyone else yes I must tell you from my

868
00:41:10,090 --> 00:41:14,590
perspective having seen a lot of

869
00:41:12,130 --> 00:41:17,260
excellent speakers I don't think your

870
00:41:14,590 --> 00:41:20,289
your you have anything to be nervous

871
00:41:17,260 --> 00:41:22,870
about and maybe just for the benefit of

872
00:41:20,289 --> 00:41:26,559
those who weren't there you basically

873
00:41:22,869 --> 00:41:28,359
were Allen at the intern career

874
00:41:26,559 --> 00:41:29,860
yeah interacting interacting with

875
00:41:28,360 --> 00:41:32,740
captain disillusion who was on the

876
00:41:29,860 --> 00:41:35,320
screen above you that would it's very

877
00:41:32,739 --> 00:41:37,629
difficult to actually work something

878
00:41:35,320 --> 00:41:39,340
like that and make it something like

879
00:41:37,630 --> 00:41:41,440
this work and but it worked very well

880
00:41:39,340 --> 00:41:44,500
thanks yeah I'm like I said I'm glad

881
00:41:41,440 --> 00:41:47,050
like the key moments that depend in a

882
00:41:44,500 --> 00:41:48,190
lot of dependent on timing and things

883
00:41:47,050 --> 00:41:51,160
sort of happening at the right time

884

00:41:48,190 --> 00:41:52,869
those went perfectly yeah it involved

885
00:41:51,159 --> 00:41:56,019
basically I was thinking of like how can

886
00:41:52,869 --> 00:41:57,339
I do my presentation and involve the

887
00:41:56,019 --> 00:41:59,199
captain disillusion character which

888
00:41:57,340 --> 00:42:01,329
involves like an outfit and makeup and

889
00:41:59,199 --> 00:42:03,939
stuff without having to do all that and

890
00:42:01,329 --> 00:42:06,460
also too because it's not I'm not like

891
00:42:03,940 --> 00:42:08,650
performing at a comedy festival this is

892
00:42:06,460 --> 00:42:11,110
a skeptic you know conference I want it

893
00:42:08,650 --> 00:42:13,300
to be a presentable person and convey

894
00:42:11,110 --> 00:42:15,190
some legitimate information but also

895
00:42:13,300 --> 00:42:17,410
make it entertaining so I did a thing

896
00:42:15,190 --> 00:42:19,329
where the you know the conceit of the

897
00:42:17,409 --> 00:42:21,489
talk was that I am an assistant and

898
00:42:19,329 --> 00:42:23,590

intern for captain disillusion and he's

899

00:42:21,489 --> 00:42:26,019

on his way but he can't quite make it so

900

00:42:23,590 --> 00:42:29,530

I have a little sort of interactive call

901

00:42:26,019 --> 00:42:32,110

with him and then I'm left on my own to

902

00:42:29,530 --> 00:42:35,440

give this presentation completely

903

00:42:32,110 --> 00:42:38,650

unprepared and then I go on to give all

904

00:42:35,440 --> 00:42:42,150

kinds of funny you know different

905

00:42:38,650 --> 00:42:45,420

sections but basically it all adds up to

906

00:42:42,150 --> 00:42:48,039

just me explaining to people how to make

907

00:42:45,420 --> 00:42:51,280

skeptical communication a little bit

908

00:42:48,039 --> 00:42:53,889

more entertaining and visually like

909

00:42:51,280 --> 00:42:55,810

interesting and when it comes to videos

910

00:42:53,889 --> 00:42:57,940

on YouTube which is basically which is

911

00:42:55,809 --> 00:43:00,070

essentially what you do this that's what

912

00:42:57,940 --> 00:43:02,440

your channel is so okay let's talk about

913

00:43:00,070 --> 00:43:04,330
captain disillusion a little bit not the

914

00:43:02,440 --> 00:43:07,690
knob bit of character but the the

915

00:43:04,329 --> 00:43:10,029
youtube channel and so what do you do on

916

00:43:07,690 --> 00:43:13,090
that channel um Captain decision is a

917

00:43:10,030 --> 00:43:15,280
web series where essentially it just

918

00:43:13,090 --> 00:43:18,880
kind of deconstructs and analyzes and

919

00:43:15,280 --> 00:43:20,260
debunks most of the time strange videos

920

00:43:18,880 --> 00:43:23,369
from around the internet whether it's

921

00:43:20,260 --> 00:43:26,710
paranormal ghost videos or UFO

922

00:43:23,369 --> 00:43:29,109
encounters or just strange tricks and

923

00:43:26,710 --> 00:43:31,269
things that go viral online and people

924

00:43:29,110 --> 00:43:31,730
are not sure if the thing is real or

925

00:43:31,269 --> 00:43:35,000
since

926

00:43:31,730 --> 00:43:37,909
of hopes I as the character I take these

927
00:43:35,000 --> 00:43:39,980
videos and I just analyze mostly just

928
00:43:37,909 --> 00:43:43,009
the visual effects that go into faking

929
00:43:39,980 --> 00:43:46,070
the video and sometimes I kind of

930
00:43:43,010 --> 00:43:48,530
venture into topics of like ethics about

931
00:43:46,070 --> 00:43:50,720
these things or like why do people do it

932
00:43:48,530 --> 00:43:54,080
or what's right or wrong the state of

933
00:43:50,719 --> 00:43:56,779
like news reporting on things like

934
00:43:54,079 --> 00:43:59,239
things like the skepticism in the media

935
00:43:56,780 --> 00:44:02,119
but mostly it's about how visual effects

936
00:43:59,239 --> 00:44:04,489
work and how you can you know just by

937
00:44:02,119 --> 00:44:08,210
looking at those things you can kind of

938
00:44:04,489 --> 00:44:09,589
learn the basics of informal skepticism

939
00:44:08,210 --> 00:44:13,309
that you could apply it to the rest of

940
00:44:09,590 --> 00:44:17,960
your life so obviously apply a lot of

941

00:44:13,309 --> 00:44:22,539
knowledge about how video works or

942
00:44:17,960 --> 00:44:25,940
production works but I would say from

943
00:44:22,539 --> 00:44:29,000
what I've seen in your videos is most of

944
00:44:25,940 --> 00:44:31,639
it is simply thinking and well and

945
00:44:29,000 --> 00:44:36,679
spending time to research would you

946
00:44:31,639 --> 00:44:39,920
agree with that yeah it's it's like I am

947
00:44:36,679 --> 00:44:43,219
just relying on the little tiny avenue

948
00:44:39,920 --> 00:44:46,309
of knowledge i have about effects to

949
00:44:43,219 --> 00:44:49,969
demonstrate like how I would you know

950
00:44:46,309 --> 00:44:52,159
how I would approach how I would

951
00:44:49,969 --> 00:44:53,449
approach that area skeptically but

952
00:44:52,159 --> 00:44:56,690
everyone else it's up to everyone else

953
00:44:53,449 --> 00:44:58,239
to kind of apply that to the things that

954
00:44:56,690 --> 00:45:00,230
they know about and to you know

955
00:44:58,239 --> 00:45:02,689

everything all the other issues in the

956

00:45:00,230 --> 00:45:04,940

world in the same way so it's just kind

957

00:45:02,690 --> 00:45:06,409

of like a little template you know I

958

00:45:04,940 --> 00:45:07,510

can't talk about things I don't know

959

00:45:06,409 --> 00:45:09,730

about I don't have a lot

960

00:45:07,510 --> 00:45:13,810

like scientific background and not a

961

00:45:09,730 --> 00:45:17,199

journalist but yeah it I think being

962

00:45:13,809 --> 00:45:21,449

aware being informed is an important

963

00:45:17,199 --> 00:45:25,000

part of being a skeptic so so yeah you

964

00:45:21,449 --> 00:45:26,889

you say that you're not an expert and

965

00:45:25,000 --> 00:45:29,170

all of that but your channels being very

966

00:45:26,889 --> 00:45:30,849

successful in fact if I remember

967

00:45:29,170 --> 00:45:34,840

correctly had recently seen on on

968

00:45:30,849 --> 00:45:37,779

Facebook photo of you with in with an

969

00:45:34,840 --> 00:45:40,780

award yeah I reached the the channel

970
00:45:37,780 --> 00:45:42,580
surpassed um well the award that little

971
00:45:40,780 --> 00:45:46,390
plaque is for reaching a hundred

972
00:45:42,579 --> 00:45:48,549
thousand subscribers but by the time you

973
00:45:46,389 --> 00:45:51,129
know the receiving the plaque is kind of

974
00:45:48,550 --> 00:45:52,630
a process that takes time so by the time

975
00:45:51,130 --> 00:45:54,849
I receive the plaques i actually had

976
00:45:52,630 --> 00:45:57,670
already at more than 200,000 subscribers

977
00:45:54,849 --> 00:45:59,500
and how many di Tomasso I think I know

978
00:45:57,670 --> 00:46:02,639
it's past 250 I haven't checked lately

979
00:45:59,500 --> 00:46:06,429
but um yeah it's climbing up there I

980
00:46:02,639 --> 00:46:08,319
think you get another plaque when you

981
00:46:06,429 --> 00:46:10,960
reach no

982
00:46:08,320 --> 00:46:13,750
or maybe yeah million and then Sassoon's

983
00:46:10,960 --> 00:46:15,429
time you will see you know I'm only

984
00:46:13,750 --> 00:46:17,019
doing this for the awards you know I

985
00:46:15,429 --> 00:46:21,190
just obviously yeah yeah there's no

986
00:46:17,019 --> 00:46:25,030
underneath and what kind of input do or

987
00:46:21,190 --> 00:46:26,320
feedback do you get I look at other

988
00:46:25,030 --> 00:46:28,269
channels and I see a lot of you know

989
00:46:26,320 --> 00:46:30,280
like people arguing and stuff and

990
00:46:28,269 --> 00:46:32,500
there's a lot of I think there's a lot

991
00:46:30,280 --> 00:46:34,870
of skeptical I'm youtubers that get a

992
00:46:32,500 --> 00:46:37,480
lot of like hate and stuff but I find

993
00:46:34,869 --> 00:46:39,429
for some reason mostly on my channel

994
00:46:37,480 --> 00:46:41,530
there's you know people like the videos

995
00:46:39,429 --> 00:46:42,909
they have pretty intelligent discussions

996
00:46:41,530 --> 00:46:44,350
and they asked me questions and they

997
00:46:42,909 --> 00:46:45,940
give mostly you know I get a lot of

998

00:46:44,349 --> 00:46:48,880
suggestions for what other videos they

999
00:46:45,940 --> 00:46:52,840
want to see be constructed there's

1000
00:46:48,880 --> 00:46:57,369
generally positive you know I like it I

1001
00:46:52,840 --> 00:46:59,880
try not to get into like threads of

1002
00:46:57,369 --> 00:47:02,589
discussions on my on my videos because

1003
00:46:59,880 --> 00:47:04,210
in the end at least in my case it's kind

1004
00:47:02,590 --> 00:47:06,220
of entertainment and it's a character

1005
00:47:04,210 --> 00:47:08,769
and there's only so much you can get

1006
00:47:06,219 --> 00:47:11,500
into like philosophical or technical

1007
00:47:08,769 --> 00:47:13,150
discussions before I don't sound like

1008
00:47:11,500 --> 00:47:14,610
captain disillusion anymore it's it's a

1009
00:47:13,150 --> 00:47:17,710
little bit difficult to talk to people

1010
00:47:14,610 --> 00:47:20,410
so I keep it as entertainment and as a

1011
00:47:17,710 --> 00:47:23,800
presentation channel so people who want

1012
00:47:20,409 --> 00:47:25,899

to see your videos make sure they go

1013

00:47:23,800 --> 00:47:28,000
they should just look for captain

1014

00:47:25,900 --> 00:47:30,910
disillusion on youtube or youtube.com

1015

00:47:28,000 --> 00:47:33,760
slash captain disillusion I sometimes

1016

00:47:30,909 --> 00:47:36,369
say things on Twitter see the letter C

1017

00:47:33,760 --> 00:47:38,380
disillusion of ads obscene disillusioned

1018

00:47:36,369 --> 00:47:40,719
and on facebook obviously the captain

1019

00:47:38,380 --> 00:47:42,460
disillusion page and I have a site

1020

00:47:40,719 --> 00:47:44,919
captain disillusion calm where you can

1021

00:47:42,460 --> 00:47:46,720
see like a counter account down to

1022

00:47:44,920 --> 00:47:48,700
whenever the next episode is going to

1023

00:47:46,719 --> 00:47:51,369
come out and they come out monthly and

1024

00:47:48,699 --> 00:47:54,399
of course on patreon.com / captain

1025

00:47:51,369 --> 00:47:57,250
decision is a place people can not only

1026

00:47:54,400 --> 00:47:59,740
just watch my stuff but um sign up to

1027
00:47:57,250 --> 00:48:03,670
support the show that's kind of my main

1028
00:47:59,739 --> 00:48:05,899
way of keeping captain disillusion alive

1029
00:48:03,670 --> 00:48:08,960
is that people

1030
00:48:05,900 --> 00:48:10,579
the the community support the show with

1031
00:48:08,960 --> 00:48:12,170
like donations and things and in

1032
00:48:10,579 --> 00:48:14,000
exchange they get various

1033
00:48:12,170 --> 00:48:15,680
behind-the-scenes looks at how I make

1034
00:48:14,000 --> 00:48:17,840
the series because it involves a lot of

1035
00:48:15,679 --> 00:48:19,730
production a lot of visual effects and

1036
00:48:17,840 --> 00:48:21,710
things like that so I give people an

1037
00:48:19,730 --> 00:48:24,050
inside look at how everything happens

1038
00:48:21,710 --> 00:48:26,240
okay so that's for people who actually

1039
00:48:24,050 --> 00:48:29,320
support the show financially is there a

1040
00:48:26,239 --> 00:48:31,429
way for people who are not I can't

1041
00:48:29,320 --> 00:48:32,990
support financially for example Facebook

1042
00:48:31,429 --> 00:48:35,989
as well is there a way for them to

1043
00:48:32,989 --> 00:48:38,509
support the show in another way um well

1044
00:48:35,989 --> 00:48:41,269
of course just reviews and yeah you know

1045
00:48:38,510 --> 00:48:43,340
that were there isn't like yeah I'm not

1046
00:48:41,269 --> 00:48:44,840
it's not a podcast on iTunes so there

1047
00:48:43,340 --> 00:48:47,920
isn't like a review system but certainly

1048
00:48:44,840 --> 00:48:50,840
simply subscribing on YouTube I think

1049
00:48:47,920 --> 00:48:52,519
helps and just kind of post you know

1050
00:48:50,840 --> 00:48:54,740
sharing the videos is really the best

1051
00:48:52,519 --> 00:48:57,349
way is there every is there a particular

1052
00:48:54,739 --> 00:48:59,389
video on your channel that actually

1053
00:48:57,349 --> 00:49:01,639
shows people a little bit more about

1054
00:48:59,389 --> 00:49:04,489
your process I mean that you mentioned

1055

00:49:01,639 --> 00:49:05,809
that it's for patreon oh yeah I mean

1056
00:49:04,489 --> 00:49:07,519
well there's little behind-the-scenes

1057
00:49:05,809 --> 00:49:08,929
things which I don't know maybe

1058
00:49:07,519 --> 00:49:10,639
eventually I'll release some of those

1059
00:49:08,929 --> 00:49:12,679
one time has passed for the general

1060
00:49:10,639 --> 00:49:14,989
public but if you I mean good examples

1061
00:49:12,679 --> 00:49:16,730
of episodes that maybe are like

1062
00:49:14,989 --> 00:49:21,439
representative of the channel as a whole

1063
00:49:16,730 --> 00:49:23,570
is like the latest 1i posted at this

1064
00:49:21,440 --> 00:49:25,700
time of this recording called the secret

1065
00:49:23,570 --> 00:49:28,539
bracelet debunk which is kind of a

1066
00:49:25,699 --> 00:49:32,089
product review / critique of this

1067
00:49:28,539 --> 00:49:35,869
product concept that isn't very you know

1068
00:49:32,090 --> 00:49:38,269
I don't think is a very good product or

1069
00:49:35,869 --> 00:49:41,199

at least the concept for it that's being

1070

00:49:38,269 --> 00:49:44,300

financed also crowdfunded so it's like a

1071

00:49:41,199 --> 00:49:45,619

technical review of a gadget and then

1072

00:49:44,300 --> 00:49:48,950

there's others want like one of my

1073

00:49:45,619 --> 00:49:51,980

popular most popular videos is the miss

1074

00:49:48,949 --> 00:49:54,579

pink miss ping debunk which is just a

1075

00:49:51,980 --> 00:49:57,949

little deconstruction of a visual effect

1076

00:49:54,579 --> 00:49:59,960

a funny visual tech video where some

1077

00:49:57,949 --> 00:50:02,989

people are doing these tricks these

1078

00:49:59,960 --> 00:50:05,269

amazing feats with a ping pong paddles

1079

00:50:02,989 --> 00:50:08,659

and some ping pong balls and knives and

1080

00:50:05,269 --> 00:50:10,280

it's a it's a fun trick it's a fun thing

1081

00:50:08,659 --> 00:50:13,099

to deconstruct and it's a good

1082

00:50:10,280 --> 00:50:14,940

illustration of how visual effects can

1083

00:50:13,099 --> 00:50:18,000

be used in

1084
00:50:14,940 --> 00:50:20,990
clever ways to make amazing things look

1085
00:50:18,000 --> 00:50:23,969
real and you've had a bit of a kind of a

1086
00:50:20,989 --> 00:50:26,939
being sort of a self assault of feedback

1087
00:50:23,969 --> 00:50:29,939
mumbai india indeed it's one of the most

1088
00:50:26,940 --> 00:50:33,539
one of the most fun examples of like

1089
00:50:29,940 --> 00:50:36,119
kind of back and forth in youtube feud

1090
00:50:33,539 --> 00:50:38,068
that I've ever experienced those guys

1091
00:50:36,119 --> 00:50:39,539
after I made that video which their

1092
00:50:38,068 --> 00:50:41,969
video was extremely popular and I

1093
00:50:39,539 --> 00:50:45,929
suppose writing on that was the

1094
00:50:41,969 --> 00:50:49,068
popularity of my own video they redid

1095
00:50:45,929 --> 00:50:51,539
they did a remake of their video

1096
00:50:49,068 --> 00:50:53,429
changing everything about the way they

1097
00:50:51,539 --> 00:50:55,289
did it so that it doesn't fit the

1098
00:50:53,429 --> 00:50:57,598
explanation I gave so they kind of went

1099
00:50:55,289 --> 00:50:59,309
around all my explanation sort of

1100
00:50:57,599 --> 00:51:02,369
proving that they did it a different way

1101
00:50:59,309 --> 00:51:05,009
and they also included a little epilogue

1102
00:51:02,369 --> 00:51:07,260
in which someone that very much

1103
00:51:05,010 --> 00:51:08,880
resembles captain disillusion gets hit

1104
00:51:07,260 --> 00:51:11,339
with a hammer in the head looks just a

1105
00:51:08,880 --> 00:51:12,750
safe anything and I actually found that

1106
00:51:11,338 --> 00:51:16,409
extremely funny and I think that's the

1107
00:51:12,750 --> 00:51:18,389
best way to you know if you're being

1108
00:51:16,409 --> 00:51:20,848
criticized by someone through a creative

1109
00:51:18,389 --> 00:51:23,759
outlet criticize them back with a

1110
00:51:20,849 --> 00:51:26,039
creative work of your own duty clever

1111
00:51:23,760 --> 00:51:27,480
very good LMK thank you very much for

1112

00:51:26,039 --> 00:51:36,059
being on the Skip Dixon thanks for

1113
00:51:27,480 --> 00:51:38,429
having me greetings listeners it's me

1114
00:51:36,059 --> 00:51:40,828
captain disillusion on my youtube

1115
00:51:38,429 --> 00:51:43,409
channel called captain disillusion aye

1116
00:51:40,829 --> 00:51:45,510
captain disillusion analyzed viral

1117
00:51:43,409 --> 00:51:47,818
videos of the strange and unbelievable I

1118
00:51:45,510 --> 00:51:50,460
explain how interframe video compression

1119
00:51:47,818 --> 00:51:52,619
3d motion tracking and stock the effects

1120
00:51:50,460 --> 00:51:54,720
elements prove that Justin Bieber is not

1121
00:51:52,619 --> 00:51:56,400
a secret reptilian alien that those

1122
00:51:54,719 --> 00:51:58,618
videos of ghost cars are just

1123
00:51:56,400 --> 00:52:00,420
unintentional optical illusions and that

1124
00:51:58,619 --> 00:52:02,010
lightning did not strike a few feet away

1125
00:52:00,420 --> 00:52:04,889
from a girl on a beach as we saw on the

1126
00:52:02,010 --> 00:52:07,319

news I'm real fun at parties my best

1127

00:52:04,889 --> 00:52:09,328

friend is a lens flare eat a dimmer

1128

00:52:07,318 --> 00:52:11,279

switch disillusion I do know other

1129

00:52:09,329 --> 00:52:13,890

people sometimes they even show up in my

1130

00:52:11,280 --> 00:52:15,839

videos people like skepticism is grandpa

1131

00:52:13,889 --> 00:52:18,750

james randi sirve de Soleil Acrobat

1132

00:52:15,838 --> 00:52:20,889

Erica Lynn's weight loss enthusiast Penn

1133

00:52:18,750 --> 00:52:23,019

Jillette and the actual Beekman

1134

00:52:20,889 --> 00:52:25,059

beekman's world I hope you'll check out

1135

00:52:23,019 --> 00:52:27,190

my adventures interact with me in a

1136

00:52:25,059 --> 00:52:29,980

platonic way and even consider becoming

1137

00:52:27,190 --> 00:52:32,590

a patron of my work you can do all that

1138

00:52:29,980 --> 00:52:35,969

and more on youtube or at captain

1139

00:52:32,590 --> 00:52:35,970

disillusion calm

1140

00:52:43,719 --> 00:52:48,289

thank you for listening to the skeptic

1141
00:52:46,280 --> 00:52:49,880
zone now folks it's not long now for the

1142
00:52:48,289 --> 00:52:53,420
Australian skeptics national convention

1143
00:52:49,880 --> 00:52:55,730
in Melbourne wonderful Melbourne 25th of

1144
00:52:53,420 --> 00:52:58,608
the 27th of November check out the

1145
00:52:55,730 --> 00:53:00,920
website convention skeptics calm today

1146
00:52:58,608 --> 00:53:04,730
you I'm sure you'll have a wonderful

1147
00:53:00,920 --> 00:53:06,950
time meeting such dignitaries or guests

1148
00:53:04,730 --> 00:53:08,840
as Ed's odd Ernst and Michael Marshall

1149
00:53:06,949 --> 00:53:10,789
and a host of other really interesting

1150
00:53:08,840 --> 00:53:12,650
speakers the Australian skeptics

1151
00:53:10,789 --> 00:53:14,809
national convention all hairy at all too

1152
00:53:12,650 --> 00:53:16,579
well she'd be worth the price of

1153
00:53:14,809 --> 00:53:19,099
admission alone Lawrence Krauss good

1154
00:53:16,579 --> 00:53:20,840
heavens the list goes on it's always a

1155
00:53:19,099 --> 00:53:22,580
wonderful time the Australian skeptics

1156
00:53:20,840 --> 00:53:24,920
National Convention check out that

1157
00:53:22,579 --> 00:53:27,079
website for more details and of course

1158
00:53:24,920 --> 00:53:30,108
coming up in the first week in december

1159
00:53:27,079 --> 00:53:32,869
if you're in New Zealand you can come to

1160
00:53:30,108 --> 00:53:38,139
the New Zealand skeptics conference head

1161
00:53:32,869 --> 00:53:41,269
for conference dot skeptics got n Z and

1162
00:53:38,139 --> 00:53:43,279
again a host of wonderful speakers and

1163
00:53:41,269 --> 00:53:45,590
I'm lucky enough to be appearing there

1164
00:53:43,280 --> 00:53:47,900
myself with my good friends are was

1165
00:53:45,590 --> 00:53:49,490
Susan Grbac Loretta Marin known as the

1166
00:53:47,900 --> 00:53:52,539
jellybean lady and a host of other good

1167
00:53:49,489 --> 00:53:56,239
speakers in beautiful Queenstown and

1168
00:53:52,539 --> 00:53:58,039
that is in the first week in december in

1169

00:53:56,239 --> 00:54:00,529
fact from the second to the fourth of

1170
00:53:58,039 --> 00:54:02,750
december and added to that if you're in

1171
00:54:00,530 --> 00:54:05,000
the berkeley area at the moment i think

1172
00:54:02,750 --> 00:54:08,269
I'm slated to be speaking in berkeley in

1173
00:54:05,000 --> 00:54:09,769
california on the twenty-ninth but i

1174
00:54:08,269 --> 00:54:13,099
will keep you up to date on that

1175
00:54:09,769 --> 00:54:15,019
information as we firm that up thank you

1176
00:54:13,099 --> 00:54:16,849
to all those lovely wonderful helpful

1177
00:54:15,019 --> 00:54:19,130
generous people who contribute to the

1178
00:54:16,849 --> 00:54:22,670
skeptical zone financially at skeptical zone

1179
00:54:19,130 --> 00:54:24,230
TV via patreon or just by our micro

1180
00:54:22,670 --> 00:54:26,088
payments with paypal all the

1181
00:54:24,230 --> 00:54:28,780
informations there and your

1182
00:54:26,088 --> 00:54:31,699
contributions mean the show keeps going

1183
00:54:28,780 --> 00:54:33,920

there's no other way to state that it's

1184

00:54:31,699 --> 00:54:35,719
true if people stop contributing to the

1185

00:54:33,920 --> 00:54:38,588
show i simply could not do it anymore

1186

00:54:35,719 --> 00:54:42,559
and my reporters would be very unhappy

1187

00:54:38,588 --> 00:54:45,049
or happy maybe they'd be quite relieved

1188

00:54:42,559 --> 00:54:47,358
i don't know i would hope hello

1189

00:54:45,050 --> 00:54:49,190
reporters is i hope they would be

1190

00:54:47,358 --> 00:54:51,199
unhappy if the show stopped maybe they'd

1191

00:54:49,190 --> 00:54:52,820
get a bit of rest i don't know but thank

1192

00:54:51,199 --> 00:54:54,889
you everybody thank you very much

1193

00:54:52,820 --> 00:54:56,220
sincerely for helping to keep the

1194

00:54:54,889 --> 00:54:58,980
skeptic zone

1195

00:54:56,219 --> 00:55:01,049
on the internet and speaking of

1196

00:54:58,980 --> 00:55:02,880
reporters a big congratulations to our

1197

00:55:01,050 --> 00:55:05,519
reporter Maynard who just spent the last

1198
00:55:02,880 --> 00:55:08,720
couple of weeks on the road in the air

1199
00:55:05,519 --> 00:55:12,269
on buses all sorts of things taxis

1200
00:55:08,719 --> 00:55:13,858
fronting the vengaboys tour that's why

1201
00:55:12,269 --> 00:55:15,570
man ads been a little bit quiet lately

1202
00:55:13,858 --> 00:55:17,039
or if you follow him on Twitter or

1203
00:55:15,570 --> 00:55:19,710
Facebook he's not been a little bit

1204
00:55:17,039 --> 00:55:21,659
quiet hehe did a wonderful job by all

1205
00:55:19,710 --> 00:55:23,900
accounts I saw some photographs Maynard

1206
00:55:21,659 --> 00:55:26,730
was posting a few videos from the tour

1207
00:55:23,900 --> 00:55:30,510
if you want to find out more about what

1208
00:55:26,730 --> 00:55:31,880
Maenads been up to and hear his podcasts

1209
00:55:30,510 --> 00:55:37,320
and videos and all sorts of things

1210
00:55:31,880 --> 00:55:40,260
Maynard dot-com dot a you oh and a note

1211
00:55:37,320 --> 00:55:43,200
to any radio producers out there if you

1212
00:55:40,260 --> 00:55:45,900
would like to use a segment from the

1213
00:55:43,199 --> 00:55:47,699
show rebroadcast it so to speak just

1214
00:55:45,900 --> 00:55:49,680
drop me a line my contact details where

1215
00:55:47,699 --> 00:55:53,549
it's kept exam TV and have a chat to me

1216
00:55:49,679 --> 00:55:56,009
and i am very likely to say yes why not

1217
00:55:53,550 --> 00:55:58,109
the more people that he ran segments and

1218
00:55:56,010 --> 00:56:01,200
interviews from the skeptic zone the

1219
00:55:58,108 --> 00:56:03,179
better but for this week this is Richard

1220
00:56:01,199 --> 00:56:09,779
Saunders signing off from Sydney

1221
00:56:03,179 --> 00:56:11,819
Australia you've been listening to the

1222
00:56:09,780 --> 00:56:15,359
skeptics own podcast because of our

1223
00:56:11,820 --> 00:56:17,580
website at wwc a petting zoo TV for

1224
00:56:15,358 --> 00:56:21,989
contacts an archive of all episodes

1225
00:56:17,579 --> 00:56:24,150
since 2008 and our online store please

1226

00:56:21,989 --> 00:56:27,479
support the skeptic zone by following us

1227
00:56:24,150 --> 00:56:30,440
on twitter at skeptic zone liking us on

1228
00:56:27,480 --> 00:56:32,820
facebook and leaving a review on iTunes

1229
00:56:30,440 --> 00:56:35,490
you can also show your support by

1230
00:56:32,820 --> 00:56:39,240
subscribing via paypal for as little as

1231
00:56:35,489 --> 00:56:41,279
99 cents a week the skeptic zone is an

1232
00:56:39,239 --> 00:56:43,348
independent production the views and

1233
00:56:41,280 --> 00:56:45,570
opinions expressed on the skeptic zone

1234
00:56:43,349 --> 00:56:48,450
and not necessarily those of Australian

1235
00:56:45,570 --> 00:56:50,140
skeptically or any other skeptical

1236
00:56:48,449 --> 00:56:52,169
organization

1237
00:56:50,139 --> 00:56:52,170
Oh