

**THE
SKEPTIC
ZONE
PODCAST**

www.skepticzone.tv

1
00:00:23,159 --> 00:00:09,080
welcome to the skeptic zone the podcast

2
00:00:29,019 --> 00:00:26,019
hello and welcome to the skeptic zone

3
00:00:31,839 --> 00:00:29,029
episode Number 421 for the 13th of

4
00:00:34,900 --> 00:00:31,849
November 2016 and yes I'm surprised too

5
00:00:38,439 --> 00:00:34,910
I'm surprised Henrietta and more the

6
00:00:40,710 --> 00:00:38,449
skeptic zone cats are also surprised the

7
00:00:43,660 --> 00:00:40,720
people down the street are surprised I

8
00:00:46,780 --> 00:00:43,670
bet you're surprised we got to be

9
00:00:48,460 --> 00:00:46,790
talking about the success of Donald

10
00:00:50,950 --> 00:00:48,470
Trump coming up at the top of the show

11
00:00:54,039 --> 00:00:50,960
and we chat to Evan Bernstein from the

12
00:00:55,210 --> 00:00:54,049
skeptics guide to the universe now like

13
00:00:57,939 --> 00:00:55,220

the skeptics guide to the universe

14

00:01:00,640 --> 00:00:57,949

podcast the skeptic zone podcast is not

15

00:01:02,799 --> 00:01:00,650

a political podcast we won't tell you

16

00:01:04,689 --> 00:01:02,809

who to vote for necessarily I mean it's

17

00:01:06,910 --> 00:01:04,699

just not where we're coming from where

18

00:01:10,780 --> 00:01:06,920

for science and reason and skeptical

19

00:01:13,210 --> 00:01:10,790

investigation and strange things but i

20

00:01:15,999 --> 00:01:13,220

thought i chat to evan because i am

21

00:01:18,700 --> 00:01:16,009

interested or concerned or both about

22

00:01:20,649 --> 00:01:18,710

the future prospects for science and

23

00:01:24,399 --> 00:01:20,659

education in the united states under a

24

00:01:26,770 --> 00:01:24,409

trump presidency and evan bernstein

25

00:01:29,500 --> 00:01:26,780

being a very old friend and somebody

26
00:01:31,240 --> 00:01:29,510
with his finger on the pulse he is just

27
00:01:32,920 --> 00:01:31,250
the man to talk to so coming up at the

28
00:01:35,080 --> 00:01:32,930
top of the show of view from America

29
00:01:37,990 --> 00:01:35,090
Evan Bernstein chatting about the

30
00:01:40,840 --> 00:01:38,000
possible ramifications for science and

31
00:01:42,250 --> 00:01:40,850
reason with a trump presidency following

32
00:01:44,800 --> 00:01:42,260
that we're going to look at another

33
00:01:47,590 --> 00:01:44,810
strange new age energy last week we were

34
00:01:50,200 --> 00:01:47,600
looking at Oregon energy or some

35
00:01:51,969 --> 00:01:50,210
somebody wrote to me or go or gone I

36
00:01:54,670 --> 00:01:51,979
wish it was all gone something like that

37
00:01:58,899 --> 00:01:54,680
this week it's something called scalar

38
00:02:01,360 --> 00:01:58,909

energy scale our energy and a government

39

00:02:03,820 --> 00:02:01,370

warning the Australian Government here

40

00:02:06,490 --> 00:02:03,830

in Australia if I can put it that way

41

00:02:09,759 --> 00:02:06,500

has issued a warning about scalar energy

42

00:02:12,640 --> 00:02:09,769

pendants because believe it or not they

43

00:02:13,899 --> 00:02:12,650

are radioactive so some people are

44

00:02:16,690 --> 00:02:13,909

getting a lot more than they bargained

45

00:02:20,440 --> 00:02:16,700

for with these new age or if we'd like

46

00:02:22,809 --> 00:02:20,450

to say new each pendants find out what

47

00:02:24,280 --> 00:02:22,819

scale our energy is and all about the

48

00:02:27,309 --> 00:02:24,290

government health warning and some of

49

00:02:29,589 --> 00:02:27,319

the amazing claims made for scalar

50

00:02:32,620 --> 00:02:29,599

energy coming up a bit later on in the

51
00:02:34,290 --> 00:02:32,630
show and to round off the show another

52
00:02:37,170 --> 00:02:34,300
in the series of interviews

53
00:02:38,640 --> 00:02:37,180
by our reporter Iran Segev who's also

54
00:02:41,790 --> 00:02:38,650
the president of Australian skeptics

55
00:02:44,730 --> 00:02:41,800
from the recent QED conference in

56
00:02:47,580 --> 00:02:44,740
Manchester and this week Iran chats to

57
00:02:48,840 --> 00:02:47,590
none other than captain disillusion now

58
00:02:51,780 --> 00:02:48,850
I had the great pleasure of meeting

59
00:02:53,610 --> 00:02:51,790
captain disillusion who way back in 2009

60
00:02:56,040 --> 00:02:53,620
I think at an amazing meeting and we got

61
00:02:59,090 --> 00:02:56,050
on like a house on fire what a wonderful

62
00:03:02,330 --> 00:02:59,100
bloke really interesting really smart

63
00:03:04,770 --> 00:03:02,340

and he knows more about video

64

00:03:06,000 --> 00:03:04,780

manipulation than I've had hot dinners I

65

00:03:07,700 --> 00:03:06,010

think if I can put it that way maybe

66

00:03:10,380 --> 00:03:07,710

that's the scalar energy I don't know

67

00:03:12,480 --> 00:03:10,390

coming up an interview with captain

68

00:03:13,590 --> 00:03:12,490

disillusion a big thank you to my

69

00:03:17,670 --> 00:03:13,600

friends at the National Geographic

70

00:03:20,760 --> 00:03:17,680

Channel who who kindly gave me a couple

71

00:03:22,230 --> 00:03:20,770

of tickets to see Buzz Aldrin talking or

72

00:03:26,880 --> 00:03:22,240

some other scientists about a possible

73

00:03:31,950 --> 00:03:26,890

trip to Mars Wow wasn't that wasn't that

74

00:03:37,650 --> 00:03:31,960

interesting to hear first hand tales of

75

00:03:40,740 --> 00:03:37,660

being on the moon that was just riveting

76

00:03:44,970 --> 00:03:40,750

and a little things like Buzz Aldrin

77

00:03:47,699 --> 00:03:44,980

talking about when they came back into

78

00:03:49,080 --> 00:03:47,709

the lunar lander from wandering about

79

00:03:52,199 --> 00:03:49,090

the moon the fact that they were

80

00:03:54,660 --> 00:03:52,209

tracking in moon dust on their boots and

81

00:03:56,699 --> 00:03:54,670

the moon dust would be in the in the

82

00:03:59,190 --> 00:03:56,709

capsule itself and when they pressurized

83

00:04:01,050 --> 00:03:59,200

again they could smell it they could

84

00:04:03,510 --> 00:04:01,060

smell the moon dust and he said it had a

85

00:04:06,420 --> 00:04:03,520

sort of a burnt smell about it you just

86

00:04:07,860 --> 00:04:06,430

to hear somebody who's been on the moon

87

00:04:11,070 --> 00:04:07,870

chatting about those things firsthand

88

00:04:13,590 --> 00:04:11,080

was just amazing and if there are any

89

00:04:16,500 --> 00:04:13,600

other future things brought to us by the

90

00:04:19,949 --> 00:04:16,510

people at National Geographic we shall

91

00:04:21,840 --> 00:04:19,959

keep you informed now here's a note from

92

00:04:25,440 --> 00:04:21,850

an old friend of mine Gary Dalrymple who

93

00:04:27,540 --> 00:04:25,450

runs a freak on a free science fiction

94

00:04:31,080 --> 00:04:27,550

and fantasy festival here in Sydney and

95

00:04:34,170 --> 00:04:31,090

this year the freak on will be on the

96

00:04:38,100 --> 00:04:34,180

ninth tenth and eleventh of December

97

00:04:40,680 --> 00:04:38,110

held at 188 William Street in Earlwood

98

00:04:42,540 --> 00:04:40,690

suburb of Sydney and for those of you

99

00:04:45,060 --> 00:04:42,550

who know the area it's near the Bexley

100

00:04:47,439 --> 00:04:45,070

road William Street intersection now if

101
00:04:50,439 --> 00:04:47,449
you want to take part in this freaking

102
00:04:52,029 --> 00:04:50,449
Gary I will leave a link in this week's

103
00:04:53,709 --> 00:04:52,039
show notes i had the pleasure of

104
00:04:56,019 --> 00:04:53,719
speaking there a couple of years ago or

105
00:04:58,869 --> 00:04:56,029
number of years ago at freak on giving

106
00:05:02,260 --> 00:04:58,879
um giving an overview of one of the

107
00:05:03,730 --> 00:05:02,270
amazing meeting million-dollar tests i

108
00:05:05,860 --> 00:05:03,740
was involved with so it was a great

109
00:05:07,469 --> 00:05:05,870
great fun so if you're interested in a

110
00:05:10,839 --> 00:05:07,479
free science fiction and fantasy

111
00:05:14,290 --> 00:05:10,849
convention here in sydney freak on maybe

112
00:05:16,269 --> 00:05:14,300
for you on the 9th 10th 11th of december

113
00:05:19,929 --> 00:05:16,279

this year but now it's time for me to

114

00:05:23,469 --> 00:05:19,939

run downstairs and have some miso soup

115

00:05:27,700 --> 00:05:23,479

and teriyaki chicken oh man is that good

116

00:05:30,369 --> 00:05:27,710

I remember I was in my early 20s yeah

117

00:05:34,600 --> 00:05:30,379

early 20s I think when somebody who I

118

00:05:36,909 --> 00:05:34,610

knew introduced me to japanese food for

119

00:05:41,350 --> 00:05:36,919

the first time and after the initial

120

00:05:45,760 --> 00:05:41,360

getting used to the taste I became a big

121

00:05:49,659 --> 00:05:45,770

fan as many of you know the sushi the

122

00:05:52,089 --> 00:05:49,669

sashimi the sushi train sort of idea as

123

00:05:54,670 --> 00:05:52,099

is very popular around the world I would

124

00:05:56,889 --> 00:05:54,680

imagine but I do remember the first time

125

00:05:58,689 --> 00:05:56,899

I tried it thinking it was a strange and

126

00:06:00,999 --> 00:05:58,699

unusual taste but yes it didn't take

127

00:06:03,249 --> 00:06:01,009

long it didn't take long and I used to

128

00:06:06,969 --> 00:06:03,259

have with sake heaven and sake for many

129

00:06:09,730 --> 00:06:06,979

years hmm I'm sorry I'm drifting away

130

00:06:34,370 --> 00:06:09,740

into foodland while I do that I hope you

131

00:06:39,780 --> 00:06:37,470

and joining me now all the way from the

132

00:06:41,700 --> 00:06:39,790

United States with a view from America

133

00:06:44,330 --> 00:06:41,710

it's my old friend and member of course

134

00:06:46,860 --> 00:06:44,340

of the SGU Evan Bernstein hello Evan

135

00:06:49,710 --> 00:06:46,870

g'day Richard oh you're learning

136

00:06:51,510 --> 00:06:49,720

Australian hut I thought that yes I

137

00:06:53,640 --> 00:06:51,520

purposefully tried to sound like The

138

00:06:56,100 --> 00:06:53,650

Ugly American do trying to do an

139

00:06:58,770 --> 00:06:56,110

Australian accent there I hope I passed

140

00:07:02,420 --> 00:06:58,780

the audition you did you did I think you

141

00:07:06,540 --> 00:07:04,590

it seems to be a lot of that going

142

00:07:08,070 --> 00:07:06,550

around these days yes let's let's cut to

143

00:07:09,410 --> 00:07:08,080

the chase now there are many things we

144

00:07:11,700 --> 00:07:09,420

can talk about in relation to the

145

00:07:14,640 --> 00:07:11,710

political situation in the United States

146

00:07:17,220 --> 00:07:14,650

with the election of Donald Trump and

147

00:07:19,620 --> 00:07:17,230

there's just no other way of saying it

148

00:07:22,230 --> 00:07:19,630

you know President Obama said something

149

00:07:25,290 --> 00:07:22,240

which I thought was very wise he said in

150

00:07:27,660 --> 00:07:25,300

his last two competitive campaigns while

151
00:07:29,100 --> 00:07:27,670
he didn't agree with his opponent and he

152
00:07:32,970 --> 00:07:29,110
obviously thought that he had the better

153
00:07:34,920 --> 00:07:32,980
argument he knew his opponent would make

154
00:07:37,350 --> 00:07:34,930
a fine president if they got that far

155
00:07:39,660 --> 00:07:37,360
and earlier a couple of months ago he

156
00:07:42,150 --> 00:07:39,670
was expressing he wasn't expressing the

157
00:07:45,120 --> 00:07:42,160
same confidence in Donald Trump that's

158
00:07:48,830 --> 00:07:45,130
right I think yeah interesting

159
00:07:51,770 --> 00:07:48,840
observation there we could dwell on

160
00:07:54,030 --> 00:07:51,780
aspects of Donald Trump like his

161
00:07:56,160 --> 00:07:54,040
derogatory comments towards women and

162
00:07:58,920 --> 00:07:56,170
minorities and this disabled and his

163
00:08:03,270 --> 00:07:58,930

general view on things but what I wanted

164

00:08:06,060 --> 00:08:03,280

to do with you is chat briefly from your

165

00:08:08,100 --> 00:08:06,070

perspective about Trump's or what what's

166

00:08:09,990 --> 00:08:08,110

the likelihood or the possibilities will

167

00:08:12,290 --> 00:08:10,000

trump when it comes to science and

168

00:08:14,400 --> 00:08:12,300

education because that's at the core

169

00:08:16,770 --> 00:08:14,410

certainly what the skeptic zone is all

170

00:08:19,080 --> 00:08:16,780

about and I'm sure it's a one of the

171

00:08:22,290 --> 00:08:19,090

priorities of the skeptics guide to the

172

00:08:24,450 --> 00:08:22,300

universe as well so putting aside those

173

00:08:27,660 --> 00:08:24,460

other important issues for another time

174

00:08:30,450 --> 00:08:27,670

or other people to to chat about what

175

00:08:32,780 --> 00:08:30,460

from your perspective having lived

176

00:08:35,290 --> 00:08:32,790

through this for some time

177

00:08:39,260 --> 00:08:35,300

now where do you think he's coming from

178

00:08:41,540 --> 00:08:39,270

if he promises to do what he says he's

179

00:08:44,570 --> 00:08:41,550

going to do if you listen to any of the

180

00:08:47,060 --> 00:08:44,580

speeches he's given or what he said in

181

00:08:49,220 --> 00:08:47,070

the debates with Hillary Clinton then

182

00:08:52,580 --> 00:08:49,230

there is a lot of reason I think to be

183

00:08:55,700 --> 00:08:52,590

concerned I won't go as far as panicked

184

00:08:57,770 --> 00:08:55,710

though which is sort of the reaction

185

00:08:59,450 --> 00:08:57,780

that a lot of people have about a lot of

186

00:09:00,860 --> 00:08:59,460

issues with Donald Trump sort of

187

00:09:02,870 --> 00:09:00,870

immediately in the aftermath of the

188

00:09:05,450 --> 00:09:02,880

election mmm but once the smoke and

189

00:09:08,390 --> 00:09:05,460

everything does clear and the emotions

190

00:09:10,220 --> 00:09:08,400

kind of wind down there are very

191

00:09:12,590 --> 00:09:10,230

legitimate things to to be concerned

192

00:09:15,680 --> 00:09:12,600

about with with some of the things that

193

00:09:17,230 --> 00:09:15,690

he has said as listeners of the of also

194

00:09:20,150 --> 00:09:17,240

the skeptics guide to the universe cool

195

00:09:23,750 --> 00:09:20,160

know in our upcoming episode in which we

196

00:09:25,430 --> 00:09:23,760

talked about this very briefly we really

197

00:09:27,530 --> 00:09:25,440

don't have much of a choice to sort of

198

00:09:29,300 --> 00:09:27,540

reserve other than to reserve judgment

199

00:09:31,820 --> 00:09:29,310

to see what he actually follows through

200

00:09:34,700 --> 00:09:31,830

with in those promises that he made

201
00:09:38,690 --> 00:09:34,710
because as we know politicians have a

202
00:09:40,490 --> 00:09:38,700
funny habit of often going against or

203
00:09:43,640 --> 00:09:40,500
different from what they say during the

204
00:09:45,260 --> 00:09:43,650
course of a campaign and that is due to

205
00:09:48,130 --> 00:09:45,270
a lot of factors and sometimes that

206
00:09:50,420 --> 00:09:48,140
works well and sometimes it works worse

207
00:09:52,610 --> 00:09:50,430
um yeah but so we're going to have to

208
00:09:55,370 --> 00:09:52,620
really kind of wait and see but yeah

209
00:09:58,280 --> 00:09:55,380
there is it needs to be kept an eye on

210
00:10:00,500 --> 00:09:58,290
in fact a very close eye on and all of

211
00:10:01,790 --> 00:10:00,510
us as skeptical organization science

212
00:10:04,010 --> 00:10:01,800
organizations and otherwise have a

213
00:10:06,050 --> 00:10:04,020

responsibility to keep good track of

214

00:10:08,480 --> 00:10:06,060

these things and inform the public as

215

00:10:10,430 --> 00:10:08,490

best as we can on what is going and what

216

00:10:13,100 --> 00:10:10,440

is happening as it happens yeah I think

217

00:10:17,810 --> 00:10:13,110

that's absolutely right and there's a

218

00:10:19,310 --> 00:10:17,820

very huge groundswell of negativity of

219

00:10:20,960 --> 00:10:19,320

course in you and I have noticed this

220

00:10:23,570 --> 00:10:20,970

and many of our friends have noticed

221

00:10:25,670 --> 00:10:23,580

this as well partly I must say due to

222

00:10:27,200 --> 00:10:25,680

whatever it is the the bubble effect or

223

00:10:30,890 --> 00:10:27,210

the Facebook effect where you are

224

00:10:33,020 --> 00:10:30,900

constantly being fed news and opinions

225

00:10:34,730 --> 00:10:33,030

that cater towards your own personal

226

00:10:37,430 --> 00:10:34,740

opinions and that's that can be very

227

00:10:39,110 --> 00:10:37,440

problematic but you are right i mean we

228

00:10:41,720 --> 00:10:39,120

have to wait to actually see what

229

00:10:43,370 --> 00:10:41,730

policies he puts in place so what he can

230

00:10:46,310 --> 00:10:43,380

put in place because there's a feeling

231

00:10:46,580 --> 00:10:46,320

that well yes politicians make all sorts

232

00:10:48,260 --> 00:10:46,590

of

233

00:10:50,360 --> 00:10:48,270

promises and then they have to rethink

234

00:10:53,140 --> 00:10:50,370

things once they're in office but in the

235

00:10:58,220 --> 00:10:53,150

case of Donald Trump he made such

236

00:11:00,170 --> 00:10:58,230

extravagant promises that it fails me to

237

00:11:02,150 --> 00:11:00,180

see how how they could possibly come

238

00:11:04,070 --> 00:11:02,160

about oh and this is the reason for

239

00:11:06,020 --> 00:11:04,080

concern Richard and this is why we have

240

00:11:11,120 --> 00:11:06,030

to really keep very close eye on it and

241

00:11:12,980 --> 00:11:11,130

make sure that when these I when these

242

00:11:16,070 --> 00:11:12,990

ideas do come through or the people that

243

00:11:17,300 --> 00:11:16,080

he decides to surround himself with come

244

00:11:18,980 --> 00:11:17,310

up with regulate what you know

245

00:11:21,260 --> 00:11:18,990

suggestions for regulations or whatever

246

00:11:23,750 --> 00:11:21,270

he tries to push through the Congress to

247

00:11:28,580 --> 00:11:23,760

make law is that we have to be ready

248

00:11:30,350 --> 00:11:28,590

with a response to all of this and we

249

00:11:33,290 --> 00:11:30,360

there are some things we can sort of do

250

00:11:35,990 --> 00:11:33,300

ahead of time or be ready for and that

251

00:11:39,890 --> 00:11:36,000

is there are lots of different ways to

252

00:11:41,420 --> 00:11:39,900

it to approach this in other words we

253

00:11:43,730 --> 00:11:41,430

have congressman I mean it's not just

254

00:11:45,740 --> 00:11:43,740

the president there are our house of

255

00:11:48,650 --> 00:11:45,750

representatives which we all have you

256

00:11:51,650 --> 00:11:48,660

know direct access to in contact you

257

00:11:53,420 --> 00:11:51,660

without with our our representatives in

258

00:11:56,000 --> 00:11:53,430

to a certain degree of the Senators that

259

00:11:59,950 --> 00:11:56,010

represent each of the 50 United States

260

00:12:02,480 --> 00:11:59,960

as well is another sort of form to that

261

00:12:04,640 --> 00:12:02,490

it's going to take effort on a lot of

262

00:12:07,700 --> 00:12:04,650

different fronts if we're going to have

263

00:12:09,170 --> 00:12:07,710

an impact so we not only need to keep an

264

00:12:13,220 --> 00:12:09,180

eye on what Trump and his administration

265

00:12:15,380 --> 00:12:13,230

are going to be saying and doing but

266

00:12:20,450 --> 00:12:15,390

what also happens in the other areas of

267

00:12:23,180 --> 00:12:20,460

our government that you know frankly

268

00:12:24,920 --> 00:12:23,190

pull have the purse strings and a lot of

269

00:12:28,100 --> 00:12:24,930

power and influence as to what actually

270

00:12:32,330 --> 00:12:28,110

winds up going getting done absolutely

271

00:12:34,820 --> 00:12:32,340

well yes we do have to look to all

272

00:12:36,920 --> 00:12:34,830

aspects of the what Donald Trump will be

273

00:12:39,020 --> 00:12:36,930

doing because of course what happens in

274

00:12:40,820 --> 00:12:39,030

the United States affects the rest of

275

00:12:44,450 --> 00:12:40,830

the world and Australia is not immune to

276

00:12:46,310 --> 00:12:44,460

that during a huge interest here from

277

00:12:48,380 --> 00:12:46,320

government to business to every level of

278

00:12:51,170 --> 00:12:48,390

society because it is we are so

279

00:12:53,120 --> 00:12:51,180

intertwined not to mention the strong

280

00:12:55,310 --> 00:12:53,130

partnership Australian the United States

281

00:12:58,970 --> 00:12:55,320

have enjoyed over decades and decades

282

00:13:00,530 --> 00:12:58,980

and decades but we might you know if

283

00:13:03,260 --> 00:13:00,540

there's a silver lining to

284

00:13:05,810 --> 00:13:03,270

cloudy president Trump might wake up one

285

00:13:07,550 --> 00:13:05,820

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

286

00:13:08,930 --> 00:13:07,560

money into NASA and go back to the moon

287

00:13:11,240 --> 00:13:08,940

just for the hell of it or something

288

00:13:15,680 --> 00:13:11,250

crazy like that which could bring us

289

00:13:17,450 --> 00:13:15,690

good results it is an unknown yeah it is

290

00:13:19,700 --> 00:13:17,460

an unknown it's a good point about NASA

291

00:13:21,110 --> 00:13:19,710

and exploring the moon those are you

292

00:13:23,480 --> 00:13:21,120

know obviously things that I feel very

293

00:13:26,030 --> 00:13:23,490

strongly about both in the affirmative

294

00:13:27,320 --> 00:13:26,040

and yeah I I think there should be more

295

00:13:28,790 --> 00:13:27,330

resources going that I think there

296

00:13:30,410 --> 00:13:28,800

should be going I think overall there

297

00:13:32,120 --> 00:13:30,420

should be more resources dedicated to

298

00:13:34,250 --> 00:13:32,130

all the sciences across the board

299

00:13:36,950 --> 00:13:34,260

approve everything that federal and

300

00:13:39,950 --> 00:13:36,960

state governments universities and there

301
00:13:42,650 --> 00:13:39,960
and and all the other layers of our you

302
00:13:44,780 --> 00:13:42,660
know organized scientific system is if

303
00:13:45,920 --> 00:13:44,790
that's what you can call it because they

304
00:13:49,070 --> 00:13:45,930
all going to play a part they're all

305
00:13:51,530 --> 00:13:49,080
going to be part of the solution for the

306
00:13:54,500 --> 00:13:51,540
real problems that we have and we have

307
00:13:57,760 --> 00:13:54,510
to be serious about this and you know we

308
00:14:00,860 --> 00:13:57,770
one can hope and if you so choose pray

309
00:14:03,490 --> 00:14:00,870
that your executive administration and

310
00:14:07,130 --> 00:14:03,500
for the next four years will show some

311
00:14:08,990 --> 00:14:07,140
level of reasonability when it comes to

312
00:14:10,880 --> 00:14:09,000
these things I think I think we can't

313
00:14:12,200 --> 00:14:10,890

set our hopes too high for that because

314

00:14:14,540 --> 00:14:12,210

we'll be hopefully hopelessly

315

00:14:17,630 --> 00:14:14,550

disappointed if we we decide to put too

316

00:14:20,210 --> 00:14:17,640

much faith in Trump or any other one

317

00:14:21,710 --> 00:14:20,220

politician well yes yeah we have to you

318

00:14:23,180 --> 00:14:21,720

know we have to keep level-headed at the

319

00:14:25,040 --> 00:14:23,190

same time and also I think as you

320

00:14:28,010 --> 00:14:25,050

alluded to earlier Richard not that our

321

00:14:31,220 --> 00:14:28,020

emotions sort of get the better of us

322

00:14:32,510 --> 00:14:31,230

and and obfuscate us from you know what

323

00:14:33,830 --> 00:14:32,520

we're really trying to do here we're

324

00:14:35,600 --> 00:14:33,840

gonna have to work harder basically i

325

00:14:37,340 --> 00:14:35,610

think is what it comes down to harder

326

00:14:39,110 --> 00:14:37,350

than we've worked in the past years in

327

00:14:43,190 --> 00:14:39,120

which we you know we're under an

328

00:14:44,990 --> 00:14:43,200

administration which by comparison to to

329

00:14:47,300 --> 00:14:45,000

what we expect of a Donald Trump will be

330

00:14:49,430 --> 00:14:47,310

a much more much have been a much more

331

00:14:52,250 --> 00:14:49,440

science friendly administration than

332

00:14:54,740 --> 00:14:52,260

what we have coming on the horizon yeah

333

00:14:57,110 --> 00:14:54,750

I think we'll have to put our retirement

334

00:15:02,330 --> 00:14:57,120

plans on the shelf for a little while

335

00:15:03,860 --> 00:15:02,340

longer Evan I'm afraid hahaha retirement

336

00:15:06,620 --> 00:15:03,870

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

337

00:15:08,390 --> 00:15:06,630

write that down and I know you next year

338

00:15:09,950 --> 00:15:08,400

you were looking forward to coming out

339

00:15:12,320 --> 00:15:09,960

here we could go fishing together for

340

00:15:13,300 --> 00:15:12,330

crocodiles but you know let's just put

341

00:15:17,320 --> 00:15:13,310

that off for a couple

342

00:15:18,760 --> 00:15:17,330

use well I'll tell you what any time

343

00:15:20,470 --> 00:15:18,770

spent with you and getting back to

344

00:15:22,450 --> 00:15:20,480

Australia is always worth it Richard so

345

00:15:23,680 --> 00:15:22,460

even if I have to bite my time and do a

346

00:15:25,330 --> 00:15:23,690

little more work on this end to get

347

00:15:27,370 --> 00:15:25,340

there it's worth it well thank you for

348

00:15:30,190 --> 00:15:27,380

that Evan it's good to have a view from

349

00:15:31,510 --> 00:15:30,200

the United States so somebody who's in

350

00:15:34,300 --> 00:15:31,520

the middle of it in the thick of it

351

00:15:35,980 --> 00:15:34,310

almost started to speak and well the

352

00:15:37,840 --> 00:15:35,990

whole world will be certainly watching

353

00:15:41,380 --> 00:15:37,850

with interest what happens over the next

354

00:15:43,450 --> 00:15:41,390

months and years oh definitely doc don't

355

00:15:45,010 --> 00:15:43,460

panic though folks I mean I don't think

356

00:15:47,380 --> 00:15:45,020

you need to panic that would be

357

00:15:49,720 --> 00:15:47,390

counterproductive so thank you Richard I

358

00:15:52,750 --> 00:15:49,730

think you're right for now Evan and we

359

00:15:55,660 --> 00:15:52,760

might catch up again before too long to

360

00:16:13,240 --> 00:15:55,670

see how things are going anytime just

361

00:16:15,160 --> 00:16:13,250

let me know thank you take care hi this

362

00:16:18,010 --> 00:16:15,170

is Heidi Robertson from the Northern

363

00:16:20,770 --> 00:16:18,020

Rivers vaccination supporters we are a

364

00:16:22,600 --> 00:16:20,780

group of concerned citizens dedicated to

365

00:16:25,510 --> 00:16:22,610

promoting good science and common sense

366

00:16:28,600 --> 00:16:25,520

in our region the far north coast of New

367

00:16:30,930 --> 00:16:28,610

South Wales this area are famous for its

368

00:16:34,150 --> 00:16:30,940

natural beauty and relaxed lifestyle

369

00:16:37,390 --> 00:16:34,160

also has the lowest rates of vaccination

370

00:16:38,950 --> 00:16:37,400

in Australia we are out to change that

371

00:16:41,650 --> 00:16:38,960

by challenging the myths and

372

00:16:43,840 --> 00:16:41,660

misinformation and by providing good

373

00:16:46,690 --> 00:16:43,850

evidence based information to the

374

00:16:49,150 --> 00:16:46,700

community we'd love for you no matter

375

00:16:54,840 --> 00:16:49,160

where you are in the world to join our

376

00:16:59,410 --> 00:16:54,850

fight please visit our webpage at ww

377

00:17:03,850 --> 00:16:59,420

nrvs info we also have a link there to

378

00:17:05,880 --> 00:17:03,860

our facebook page tweet us at in our fax

379

00:17:08,280 --> 00:17:05,890

supporters that's VA

380

00:17:10,280 --> 00:17:08,290

and check us out on Wikipedia by

381

00:17:31,320 --> 00:17:10,290

searching for Northern Rivers

382

00:17:33,840 --> 00:17:31,330

vaccination supporters thank you last

383

00:17:38,100 --> 00:17:33,850

week on the show we mentioned orgone

384

00:17:40,890 --> 00:17:38,110

energy the weird energy that brought

385

00:17:43,020 --> 00:17:40,900

Peter Brock sort of undone when he tried

386

00:17:47,100 --> 00:17:43,030

to pedal a device using orgone energy in

387

00:17:48,930 --> 00:17:47,110

in cars to make them go better what I

388

00:17:50,970 --> 00:17:48,940

didn't mention at the time is another

389

00:17:53,550 --> 00:17:50,980

aspect of all gone energy the name comes

390

00:17:55,350 --> 00:17:53,560

from all gasp believe it or not and I'll

391

00:17:57,120 --> 00:17:55,360

let you do your own research on that

392

00:18:00,510 --> 00:17:57,130

today I'm going to be looking at

393

00:18:02,010 --> 00:18:00,520

something called scalar energy and this

394

00:18:04,370 --> 00:18:02,020

is something I've seen around for many

395

00:18:07,860 --> 00:18:04,380

years at the mind-body wallet festival

396

00:18:09,780 --> 00:18:07,870

although not lately not the last year or

397

00:18:12,600 --> 00:18:09,790

so I don't think I've seen scalar maybe

398

00:18:14,760 --> 00:18:12,610

it's not as popular as it once was and a

399

00:18:16,850 --> 00:18:14,770

company called fusion XL that we're

400

00:18:20,550 --> 00:18:16,860

selling products like pendants and

401
00:18:26,049 --> 00:18:20,560
flasks you fill with water or to do with

402
00:18:31,100 --> 00:18:29,450
but what is a scalar energy well it's a

403
00:18:33,769 --> 00:18:31,110
bit of a nonsense really as you might

404
00:18:36,590 --> 00:18:33,779
suspect having to do with the new age

405
00:18:38,120 --> 00:18:36,600
and this sort of thing so I've let my

406
00:18:41,539 --> 00:18:38,130
fingers do the walking over my keyboard

407
00:18:44,299 --> 00:18:41,549
and I put in the question what a scale

408
00:18:48,049 --> 00:18:44,309
our energy and from the website Korra

409
00:18:50,360 --> 00:18:48,059
calm and I will provide a link what is

410
00:18:52,850 --> 00:18:50,370
the definition of scale our energy and

411
00:18:56,659 --> 00:18:52,860
one of the answers posted the scale

412
00:19:00,289 --> 00:18:56,669
Abbott a quantity can be a vector or a

413
00:19:03,139 --> 00:19:00,299

scalar a scalar is a quantity that has

414

00:19:06,230 --> 00:19:03,149

size for example the speed of a car can

415

00:19:09,260 --> 00:19:06,240

be 60 kilometers an hour that is a

416

00:19:12,500 --> 00:19:09,270

scalar the vector is a quantity that has

417

00:19:14,630 --> 00:19:12,510

the size and a direction for example the

418

00:19:17,600 --> 00:19:14,640

velocity of a car might be 60 kilometers

419

00:19:20,899 --> 00:19:17,610

an hour to East this is a vector the

420

00:19:23,120 --> 00:19:20,909

energy bit energy is a quantity that can

421

00:19:25,760 --> 00:19:23,130

be turned into many different forms

422

00:19:28,310 --> 00:19:25,770

kinetic energy is related to how an

423

00:19:30,560 --> 00:19:28,320

object is moving potential energy is

424

00:19:33,830 --> 00:19:30,570

related to how much work something can

425

00:19:36,430 --> 00:19:33,840

do etc the total energy in a system that

426

00:19:39,860 --> 00:19:36,440

has no contact with the outside world is

427

00:19:43,010 --> 00:19:39,870

constant which makes energy very useful

428

00:19:45,830 --> 00:19:43,020

as a bookkeeping tool energy is always a

429

00:19:48,289 --> 00:19:45,840

scalar energy is always a scalar so a

430

00:19:50,870 --> 00:19:48,299

serious scientist wouldn't say quote

431

00:19:54,110 --> 00:19:50,880

scalar energy and quote because there's

432

00:19:57,519 --> 00:19:54,120

no need to say it's scalar and here is

433

00:20:00,230 --> 00:19:57,529

an answer posted it answers.yahoo.com

434

00:20:02,630 --> 00:20:00,240

there may actually be a scientific

435

00:20:05,350 --> 00:20:02,640

problem in combining scalar with energy

436

00:20:09,049 --> 00:20:05,360

and have a personal problem with the

437

00:20:10,940 --> 00:20:09,059

combined term here is why the term

438

00:20:13,039 --> 00:20:10,950

scalar comes principally from the

439

00:20:16,159 --> 00:20:13,049

analysis of mechanics in the study of

440

00:20:18,669 --> 00:20:16,169

physics scalar is an attribute placed on

441

00:20:21,049 --> 00:20:18,679

a measurement in science that simply

442

00:20:23,419 --> 00:20:21,059

identifies a magnitude without any

443

00:20:25,669 --> 00:20:23,429

reference to a direction for instance

444

00:20:27,940 --> 00:20:25,679

mass volume speed and temperature are

445

00:20:31,340 --> 00:20:27,950

all parameters when measured and are

446

00:20:32,930 --> 00:20:31,350

referenced as being scalar quantities to

447

00:20:35,389 --> 00:20:32,940

make things more clear consider the

448

00:20:37,490 --> 00:20:35,399

opposite of the scalar which is vector a

449

00:20:38,169 --> 00:20:37,500

vector quantity is a parameter having

450

00:20:41,080 --> 00:20:38,179

both

451
00:20:43,239 --> 00:20:41,090
magnitude and direction for instance

452
00:20:46,090 --> 00:20:43,249
force velocity acceleration talk

453
00:20:48,070 --> 00:20:46,100
electric and magnetic fields our all

454
00:20:50,769 --> 00:20:48,080
parameters under study are treated as

455
00:20:52,600 --> 00:20:50,779
vector quantities energy on the other

456
00:20:54,909 --> 00:20:52,610
hand is considered to be anything that

457
00:20:58,389 --> 00:20:54,919
can change the condition of matter or

458
00:21:01,570 --> 00:20:58,399
the ability to do work energy is a

459
00:21:04,690 --> 00:21:01,580
complex subject and is not a thing but

460
00:21:07,330 --> 00:21:04,700
both a thing in a process akin to a word

461
00:21:09,489 --> 00:21:07,340
being both a noun and a verb energy can

462
00:21:11,529 --> 00:21:09,499
be studied without consideration for

463
00:21:13,509 --> 00:21:11,539

direction which is the principal

464

00:21:17,080 --> 00:21:13,519

difference between a scalar and a vector

465

00:21:19,149 --> 00:21:17,090

quantity so to sum up it's really not

466

00:21:22,930 --> 00:21:19,159

appropriate to be put scalar and energy

467

00:21:25,239 --> 00:21:22,940

together unless unless you're using it

468

00:21:28,169 --> 00:21:25,249

for marketing unless you want to make a

469

00:21:31,659 --> 00:21:28,179

word salad unless you think it sounds

470

00:21:34,769 --> 00:21:31,669

sciency now scalar energy has been

471

00:21:38,619 --> 00:21:34,779

picked up by Love New Age sort of

472

00:21:42,159 --> 00:21:38,629

thinking people it's like like all these

473

00:21:44,590 --> 00:21:42,169

weird energies it can do everything you

474

00:21:47,499 --> 00:21:44,600

scale our energy in a device and that

475

00:21:49,149 --> 00:21:47,509

will well the possibilities are endless

476
00:21:52,450 --> 00:21:49,159
it'll certainly improve your balance

477
00:21:55,149 --> 00:21:52,460
your strength your flexibility as per

478
00:21:57,220 --> 00:21:55,159
those body balanced tests but it also

479
00:21:59,049 --> 00:21:57,230
will infuse water with mystical

480
00:22:01,539 --> 00:21:59,059
properties or make your coffee tastes

481
00:22:03,909 --> 00:22:01,549
better or no end of no into things and

482
00:22:06,580 --> 00:22:03,919
just looking quickly online there are

483
00:22:08,619 --> 00:22:06,590
many many references to scale our energy

484
00:22:11,019 --> 00:22:08,629
some of these search results coming up

485
00:22:13,450 --> 00:22:11,029
scalar energy a complete new world is

486
00:22:17,769 --> 00:22:13,460
possible the founding father of scalar

487
00:22:20,799 --> 00:22:17,779
energy Nicola Tesla oh boy DNA gateway

488
00:22:23,590 --> 00:22:20,809

to scalar energy based healing I think

489

00:22:25,210 --> 00:22:23,600

you get the idea but what surprised me

490

00:22:28,139 --> 00:22:25,220

just the other day when I was doing a

491

00:22:31,720 --> 00:22:28,149

bit of research into this scalar energy

492

00:22:34,419 --> 00:22:31,730

was one of the results that popped up

493

00:22:37,570 --> 00:22:34,429

was a government health warning about

494

00:22:40,570 --> 00:22:37,580

the quantum pendants and these things

495

00:22:44,139 --> 00:22:40,580

I've seen years ago at mind-body wallet

496

00:22:45,489 --> 00:22:44,149

and the claim made to me at the time was

497

00:22:48,369 --> 00:22:45,499

these little penance you wear around

498

00:22:50,529 --> 00:22:48,379

your neck were made from volcanic ash

499

00:22:51,610 --> 00:22:50,539

and to me that just sounded like another

500

00:22:57,830 --> 00:22:51,620

yet another

501
00:23:00,919 --> 00:22:57,840
claim put in to sound exotic or somehow

502
00:23:03,460 --> 00:23:00,929
mystical or or just a nice sexy

503
00:23:05,750 --> 00:23:03,470
marketing term well it turns out that

504
00:23:08,930 --> 00:23:05,760
whatever they are made out of and it

505
00:23:12,110 --> 00:23:08,940
could be volcanic ash in fact it turns

506
00:23:13,899 --> 00:23:12,120
out the material is radioactive now

507
00:23:18,320 --> 00:23:13,909
radioactive to a small degree but

508
00:23:20,419 --> 00:23:18,330
radioactive nevertheless and so we come

509
00:23:27,740 --> 00:23:20,429
to the warning from the Australian

510
00:23:32,629 --> 00:23:27,750
Government from ww arp ANS egg of the

511
00:23:35,149 --> 00:23:32,639
day you published august 2016 australian

512
00:23:37,480 --> 00:23:35,159
government australian radiation

513
00:23:41,539 --> 00:23:37,490

protection and nuclear safety agency

514

00:23:45,139 --> 00:23:41,549

product warning scalar energy pendants

515

00:23:48,529 --> 00:23:45,149

and health wearing a scalar energy

516

00:23:52,419 --> 00:23:48,539

pendant will increase your radiation

517

00:23:55,159 --> 00:23:52,429

exposure scalar energy pendants are an

518

00:23:57,230 --> 00:23:55,169

alternative medicine product the

519

00:23:59,120 --> 00:23:57,240

manufacturers of scalar energy pendent

520

00:24:02,120 --> 00:23:59,130

state that dependence are made of

521

00:24:04,129 --> 00:24:02,130

volcanic materials and make claims of a

522

00:24:06,590 --> 00:24:04,139

number of health benefits including

523

00:24:10,190 --> 00:24:06,600

improved circulation improved stamina

524

00:24:12,710 --> 00:24:10,200

and improved flexibility similar

525

00:24:16,100 --> 00:24:12,720

pendants may also be labeled as quantum

526
00:24:20,419 --> 00:24:16,110
energy or quantum science what is the

527
00:24:23,600 --> 00:24:20,429
hazard arp a NSA has confirmed the

528
00:24:25,879 --> 00:24:23,610
presence of radioactive material in

529
00:24:28,720 --> 00:24:25,889
these pendants in particular the

530
00:24:33,379 --> 00:24:28,730
naturally-occurring radioisotopes of

531
00:24:36,220 --> 00:24:33,389
uranium-238 and thorium 232 these

532
00:24:39,560 --> 00:24:36,230
pendants emit alpha beta and gamma

533
00:24:42,950 --> 00:24:39,570
radiation the alpha particles are mostly

534
00:24:45,500 --> 00:24:42,960
absorbed within the material and pose no

535
00:24:47,960 --> 00:24:45,510
threat to the health of the wearer the

536
00:24:50,360 --> 00:24:47,970
beta particles from pens worn close to

537
00:24:53,450 --> 00:24:50,370
the body will only penetrate a short

538
00:24:57,019 --> 00:24:53,460

distance into tissue and will be mostly

539

00:24:59,779 --> 00:24:57,029

absorbed in the skin the gamma particles

540

00:25:04,369 --> 00:24:59,789

emitted will penetrate over a large area

541

00:25:05,900 --> 00:25:04,379

of tissue ARP a NSA has assessed that

542

00:25:07,640 --> 00:25:05,910

the whole body radiation

543

00:25:10,790 --> 00:25:07,650

does to an individual wearing one of

544

00:25:12,680 --> 00:25:10,800

these pendants is likely to be low the

545

00:25:14,810 --> 00:25:12,690

estimates of a dose are considerably

546

00:25:16,820 --> 00:25:14,820

less than doses received by the

547

00:25:18,730 --> 00:25:16,830

australian population from radiation

548

00:25:21,230 --> 00:25:18,740

found naturally in our environment

549

00:25:24,680 --> 00:25:21,240

however these products in particular

550

00:25:27,230 --> 00:25:24,690

wearing pendants continuously have the

551
00:25:30,260 --> 00:25:27,240
potential to give an elevated skin dose

552
00:25:32,930 --> 00:25:30,270
due to beta radiation exposure and

553
00:25:37,460 --> 00:25:32,940
limiting exposure should be considered

554
00:25:39,380 --> 00:25:37,470
what should you do ARP a NSA advises

555
00:25:41,930 --> 00:25:39,390
consumers that these items contain

556
00:25:44,690 --> 00:25:41,940
naturally occurring radioactive material

557
00:25:47,810 --> 00:25:44,700
that can result in additional radiation

558
00:25:51,440 --> 00:25:47,820
exposures that offer no established

559
00:25:53,120 --> 00:25:51,450
evidence-based benefits if you still

560
00:25:55,760 --> 00:25:53,130
wish to wear or use one of these

561
00:25:58,760 --> 00:25:55,770
products it is advised to limit your

562
00:26:02,750 --> 00:25:58,770
skin dose via beta radiation exposure by

563
00:26:06,710 --> 00:26:02,760

one limiting the time you are in contact

564

00:26:10,310 --> 00:26:06,720

with or where the product to increase

565

00:26:13,880 --> 00:26:10,320

your distance from the product 3 wearing

566

00:26:15,560 --> 00:26:13,890

the pendant over clothing and that

567

00:26:17,810 --> 00:26:15,570

product warning comes to us from the

568

00:26:20,030 --> 00:26:17,820

Australian Government Australian

569

00:26:23,440 --> 00:26:20,040

radiation protection and nuclear safety

570

00:26:26,060 --> 00:26:23,450

agency now it's possible that the

571

00:26:29,240 --> 00:26:26,070

Australian Government discovered that

572

00:26:33,980 --> 00:26:29,250

these things were radioactive by various

573

00:26:38,690 --> 00:26:33,990

online videos and looking at the youtube

574

00:26:42,530 --> 00:26:38,700

channel of antiprotons and his video the

575

00:26:44,570 --> 00:26:42,540

quantum pendant we see he has tested

576
00:26:46,370 --> 00:26:44,580
this pendant with a Geiger counter and

577
00:26:49,250 --> 00:26:46,380
I'll just play a little bit of audio

578
00:26:50,920 --> 00:26:49,260
from that let's see how the Geiger

579
00:26:53,180 --> 00:26:50,930
counter reacts well first let's put a

580
00:26:55,010 --> 00:26:53,190
quantum pendant I can't up saying that

581
00:26:58,250 --> 00:26:55,020
drives me nuts I don't know what they

582
00:26:59,690 --> 00:26:58,260
mean by scalar energy anyway that's not

583
00:27:01,010 --> 00:26:59,700
really anything I've ever heard of

584
00:27:05,660 --> 00:27:01,020
because all I deal with is you know

585
00:27:05,660 --> 00:27:05,670
physics but whatever cut on the sound

586
00:27:10,799 --> 00:27:07,820
I'll see what we get in this area right

587
00:27:16,080 --> 00:27:13,529
in fact see can I put this on anything

588
00:27:20,159 --> 00:27:16,090

and let's put this right here there we

589

00:27:24,090 --> 00:27:20,169

go so there you go this is the area due

590

00:27:26,970 --> 00:27:24,100

to do 38 nothing amazing now put the

591

00:27:36,529 --> 00:27:26,980

quantum pendant with quantum scalar

592

00:27:40,739 --> 00:27:36,539

energy order I look at my particular

593

00:27:42,600 --> 00:27:40,749

pendant happens to be radioactive I of

594

00:27:45,659 --> 00:27:42,610

course am in no way speaking of any

595

00:27:48,330 --> 00:27:45,669

other ones for legal purposes but I do

596

00:27:50,359 --> 00:27:48,340

know that mine is radioactive how do i

597

00:27:53,789 --> 00:27:50,369

know because i have two independent

598

00:27:58,739 --> 00:27:53,799

calibrated radiation detectors which

599

00:28:01,200 --> 00:27:58,749

both say it is why is it radioactive i

600

00:28:02,759 --> 00:28:01,210

don't know personally i'm not going to

601
00:28:04,859 --> 00:28:02,769
wear it because i have a this weird

602
00:28:07,259 --> 00:28:04,869
problem I don't seem to like to put

603
00:28:09,299 --> 00:28:07,269
radioactive things around my neck it

604
00:28:13,739 --> 00:28:09,309
feels somehow like a bad idea but that's

605
00:28:15,690 --> 00:28:13,749
my own personal belief and that video

606
00:28:18,060 --> 00:28:15,700
that little clip from that video that's

607
00:28:21,619 --> 00:28:18,070
not the only video out there where

608
00:28:25,230 --> 00:28:21,629
people are testing this quantum scalar

609
00:28:26,940 --> 00:28:25,240
pendant now I'll read from a flyer I

610
00:28:30,359 --> 00:28:26,950
picked up many years ago from a company

611
00:28:32,519 --> 00:28:30,369
called fusion XL who make little

612
00:28:36,119 --> 00:28:32,529
pendants and things or at least market

613
00:28:38,609 --> 00:28:36,129

them we have the promise of increased

614

00:28:40,169 --> 00:28:38,619

balance strength flexibility the same

615

00:28:42,570 --> 00:28:40,179

sort of thing the old power balance

616

00:28:44,460 --> 00:28:42,580

people were doing and indeed when i came

617

00:28:46,590 --> 00:28:44,470

across their stall many years ago they

618

00:28:49,919 --> 00:28:46,600

were doing the same sort of body balance

619

00:28:51,960 --> 00:28:49,929

routines and i'll link to a video i made

620

00:28:53,759 --> 00:28:51,970

on the subject in this week's show notes

621

00:28:55,409 --> 00:28:53,769

how to do these tricks these body

622

00:28:58,109 --> 00:28:55,419

balance tricks and they're still going

623

00:29:00,899 --> 00:28:58,119

on i saw one just a couple of weeks ago

624

00:29:02,989 --> 00:29:00,909

at mind-body wallet here in sydney

625

00:29:07,399 --> 00:29:02,999

another company doing similar things

626

00:29:12,029 --> 00:29:07,409

anyway from this flyer bioenergy

627

00:29:15,239 --> 00:29:12,039

synthesis technology trademark and i'll

628

00:29:17,999 --> 00:29:15,249

try to read this verbatim if it sounds a

629

00:29:21,419 --> 00:29:18,009

bit odd you'll understand why what is

630

00:29:23,970 --> 00:29:21,429

scalar energy scalar energy is a subtle

631

00:29:24,750 --> 00:29:23,980

energy that can be harnessed to produce

632

00:29:27,420 --> 00:29:24,760

healing

633

00:29:29,640 --> 00:29:27,430

energy frequencies that can be through

634

00:29:34,550 --> 00:29:29,650

while experimenting with violently

635

00:29:38,540 --> 00:29:34,560

abrupt direct current electrical charges

636

00:29:41,970 --> 00:29:38,550

has existed since the beginning of time

637

00:29:44,670 --> 00:29:41,980

benefits of scalar energy eliminates the

638

00:29:48,330 --> 00:29:44,680

negative effects level of man-made

639

00:29:51,090 --> 00:29:48,340

frequency / radioactive TV cellphones

640

00:29:52,860 --> 00:29:51,100

electric cable and computer scalar

641

00:29:55,140 --> 00:29:52,870

energy frequencies will neutralize

642

00:29:58,500 --> 00:29:55,150

man-made frequencies to harmless

643

00:30:04,200 --> 00:29:58,510

frequencies to human increasing every

644

00:30:06,840 --> 00:30:04,210

cell level to 70 to 90 mini volts 70 to

645

00:30:10,530 --> 00:30:06,850

90 mini volts are the healthy cell in

646

00:30:14,100 --> 00:30:10,540

our body relieve fatigue tightness and

647

00:30:18,180 --> 00:30:14,110

rightly when sick or tired these charges

648

00:30:20,880 --> 00:30:18,190

will decrease scalar energy will help

649

00:30:23,670 --> 00:30:20,890

energize our cell back to healthy state

650

00:30:26,850 --> 00:30:23,680

and remain the electrical charges thus

651
00:30:31,470 --> 00:30:26,860
we will feel less fatigue tiredness and

652
00:30:34,830 --> 00:30:31,480
rigidity after work protect cells DNA

653
00:30:36,630 --> 00:30:34,840
from damage and prevent cancer cell well

654
00:30:40,680 --> 00:30:36,640
isn't that interesting folks I've had

655
00:30:43,770 --> 00:30:40,690
this on my files for years as I have

656
00:30:47,420 --> 00:30:43,780
thousands of other documents but unless

657
00:30:51,150 --> 00:30:47,430
one reads it carefully line by line I

658
00:30:52,920 --> 00:30:51,160
cancer claim that's interesting that has

659
00:30:54,450 --> 00:30:52,930
legal ramifications but I don't even

660
00:30:57,510 --> 00:30:54,460
know if these people are still going in

661
00:30:59,820 --> 00:30:57,520
this country anyway we read on DNA's

662
00:31:03,090 --> 00:30:59,830
particles are connecting with each other

663
00:31:06,150 --> 00:31:03,100

in hydrogen bonds when hydrogen bonds of

664

00:31:09,180 --> 00:31:06,160

DNA damage some of dnase particles will

665

00:31:12,090 --> 00:31:09,190

lose out and become cancer cells scalar

666

00:31:14,730 --> 00:31:12,100

energy able to imprint in human DNA and

667

00:31:17,540 --> 00:31:14,740

protect hydrogen bond from damage by

668

00:31:20,310 --> 00:31:17,550

increasing its energy enhance

669

00:31:23,720 --> 00:31:20,320

detoxification and nutrient uptake

670

00:31:27,840 --> 00:31:23,730

process like sugar diabetes cholesterol

671

00:31:30,480 --> 00:31:27,850

oil hypertension toxin enhance system

672

00:31:32,970 --> 00:31:30,490

absorber vitamin from foods and drink

673

00:31:36,330 --> 00:31:32,980

and increase system detoxification of

674

00:31:38,580 --> 00:31:36,340

chemicals of food and drinks when cell

675

00:31:40,950 --> 00:31:38,590

is running detoxification and

676
00:31:43,740 --> 00:31:40,960
an uptake process it needs to go through

677
00:31:46,440 --> 00:31:43,750
cell wall the higher the cell wall

678
00:31:48,750 --> 00:31:46,450
permeability the easier the Vidocq

679
00:31:51,990 --> 00:31:48,760
suffocation and nutrient uptake process

680
00:31:53,970 --> 00:31:52,000
function we will become healthier when a

681
00:31:57,899 --> 00:31:53,980
cell uptake through nutrient and

682
00:32:00,899 --> 00:31:57,909
detoxify all waste from cell strength

683
00:32:04,760 --> 00:32:00,909
and body immune system when the cell

684
00:32:07,950 --> 00:32:04,770
gets enough energy 70 to 90 mini volts

685
00:32:10,950 --> 00:32:07,960
detoxify and nutrient uptake process is

686
00:32:13,230 --> 00:32:10,960
functioning at best state the cell will

687
00:32:15,930 --> 00:32:13,240
become healthy cells when cells are

688
00:32:18,630 --> 00:32:15,940

healthy they are able to fight against

689

00:32:21,299 --> 00:32:18,640

bacteria in our body direct our body

690

00:32:25,289 --> 00:32:21,309

immune system is strengthening bear with

691

00:32:28,710 --> 00:32:25,299

me folks there's more cleanses the blood

692

00:32:32,510 --> 00:32:28,720

and improve blood profile improve mental

693

00:32:35,490 --> 00:32:32,520

focus and helps regulate Bloods pressure

694

00:32:38,279 --> 00:32:35,500

strengthens immune functions up to one

695

00:32:41,190 --> 00:32:38,289

hundred and forty-nine percent prevents

696

00:32:43,380 --> 00:32:41,200

or reverses cancer cells there it is

697

00:32:45,269 --> 00:32:43,390

again isn't that interesting there are

698

00:32:47,700 --> 00:32:45,279

some other are points here I'm skipping

699

00:32:51,360 --> 00:32:47,710

over for the sake of brevity but I think

700

00:32:54,570 --> 00:32:51,370

you get the idea how do we know products

701
00:32:57,659 --> 00:32:54,580
contain scalar energy a the water

702
00:33:01,190 --> 00:32:57,669
molecule is become smaller by putting it

703
00:33:05,340 --> 00:33:01,200
on the scale our product after a while

704
00:33:08,130 --> 00:33:05,350
be the cigarette will become tasteless

705
00:33:11,639 --> 00:33:08,140
by putting it on scalar energy product

706
00:33:13,710 --> 00:33:11,649
after a while see improving the taste of

707
00:33:17,789 --> 00:33:13,720
coffee and tea by putting it on scalar

708
00:33:20,130 --> 00:33:17,799
energy product after a while mm-hmm all

709
00:33:24,210 --> 00:33:20,140
right even I have to actually um stop

710
00:33:27,419 --> 00:33:24,220
before my before my tongue mutinies and

711
00:33:29,010 --> 00:33:27,429
runs out of the room now given this is

712
00:33:35,250 --> 00:33:29,020
obviously a translation from another

713
00:33:41,029 --> 00:33:35,260

language to an extent ah even given the

714

00:33:44,610 --> 00:33:41,039

the poor translation the claims are just

715

00:33:48,510 --> 00:33:44,620

textbook new-age gibberish and nonsense

716

00:33:51,280 --> 00:33:48,520

of course and if I go to the internet

717

00:33:53,770 --> 00:33:51,290

now in 2016

718

00:33:58,270 --> 00:33:53,780

I look at the website of fusion XL dot

719

00:34:00,730 --> 00:33:58,280

org you will see the quantum pendant in

720

00:34:02,950 --> 00:34:00,740

question as relating to the government

721

00:34:09,159 --> 00:34:02,960

health warning and many other products

722

00:34:11,350 --> 00:34:09,169

of course what surprises me and a little

723

00:34:14,080 --> 00:34:11,360

a little bit hard to surprise me these

724

00:34:15,690 --> 00:34:14,090

days is that the pendant in question

725

00:34:19,710 --> 00:34:15,700

according to the government actually

726

00:34:22,840 --> 00:34:19,720

does contain some volcanic ash or

727

00:34:26,850 --> 00:34:22,850

material that has radioactive material

728

00:34:32,020 --> 00:34:26,860

in it why this surprises me is that the

729

00:34:34,210 --> 00:34:32,030

for all people know these pendants can

730

00:34:36,190 --> 00:34:34,220

just be made out of plastic or cheap

731

00:34:39,220 --> 00:34:36,200

metal or or anything it really wouldn't

732

00:34:40,810 --> 00:34:39,230

matter there's no there's no way that

733

00:34:43,720 --> 00:34:40,820

they can do all the things they claim

734

00:34:45,840 --> 00:34:43,730

but they actually are and along the

735

00:34:48,340 --> 00:34:45,850

process some may have some sort of

736

00:34:49,990 --> 00:34:48,350

volcanic ash which was mentioned to me

737

00:34:53,560 --> 00:34:50,000

years ago at the time when i first came

738

00:34:55,630 --> 00:34:53,570

across these things which is an odd

739

00:35:00,070 --> 00:34:55,640

situation which means somewhere someone

740

00:35:03,070 --> 00:35:00,080

along the chain of command who actually

741

00:35:04,900 --> 00:35:03,080

many people would believe it as is often

742

00:35:06,700 --> 00:35:04,910

the case people peddling these things at

743

00:35:08,800 --> 00:35:06,710

mind-body wild festivals often believed

744

00:35:10,840 --> 00:35:08,810

in the proctor peddling but even higher

745

00:35:12,910 --> 00:35:10,850

up that's interesting that they've gone

746

00:35:15,340 --> 00:35:12,920

to the trouble to put this stuff in them

747

00:35:16,990 --> 00:35:15,350

it was also interesting to over the

748

00:35:18,990 --> 00:35:17,000

years to have many people say there's no

749

00:35:21,220 --> 00:35:19,000

such thing as a safe level of radiation

750

00:35:24,040 --> 00:35:21,230

you've probably heard the same sort of

751

00:35:27,100 --> 00:35:24,050

thing yet this product does have it this

752

00:35:29,470 --> 00:35:27,110

product is radioactive now given it's a

753

00:35:31,960 --> 00:35:29,480

very low dose it still is radioactive

754

00:35:34,540 --> 00:35:31,970

and if memory serves and I think it does

755

00:35:35,680 --> 00:35:34,550

in this case the fusion XL people we're

756

00:35:40,540 --> 00:35:35,690

selling something called the quantum

757

00:35:43,450 --> 00:35:40,550

flask using presumably using this claims

758

00:35:45,010 --> 00:35:43,460

of the scalar energy and again going

759

00:35:48,670 --> 00:35:45,020

online quickly there are many examples

760

00:35:52,960 --> 00:35:48,680

of this quantum flask one of the claims

761

00:35:56,500 --> 00:35:52,970

made to me and at the mind-body wallet

762

00:36:01,270 --> 00:35:56,510

was that if you pour water into your

763

00:36:03,970 --> 00:36:01,280

quantum flask the water then undergoes a

764

00:36:05,170 --> 00:36:03,980

mystical transformation or probably they

765

00:36:07,390 --> 00:36:05,180

would say scientific

766

00:36:11,950 --> 00:36:07,400

transformation and inherits the

767

00:36:15,880 --> 00:36:11,960

properties of sun block or suntan lotion

768

00:36:17,890 --> 00:36:15,890

as you might know it and this I think

769

00:36:19,720 --> 00:36:17,900

I've mentioned on the show before this

770

00:36:22,470 --> 00:36:19,730

is one of the rare times i actually had

771

00:36:25,000 --> 00:36:22,480

very strong words with the people

772

00:36:27,250 --> 00:36:25,010

selling things at the mind-body wallet

773

00:36:30,849 --> 00:36:27,260

and i told them in no uncertain terms

774

00:36:33,069 --> 00:36:30,859

that this was a very stupid claim to

775

00:36:35,160 --> 00:36:33,079

make and they should not do that but

776

00:36:38,230 --> 00:36:35,170

it's so typical of a lot of these

777

00:36:42,640 --> 00:36:38,240

new-age pendants and things that they

778

00:36:45,370 --> 00:36:42,650

will latch on to some vaguely sciency

779

00:36:47,589 --> 00:36:45,380

sounding thing likes Gala or in the case

780

00:36:52,089 --> 00:36:47,599

of power band it was actually the human

781

00:36:53,530 --> 00:36:52,099

residence was which is a frequency to do

782

00:36:55,329 --> 00:36:53,540

with the atmosphere and the planet but

783

00:36:57,460 --> 00:36:55,339

the frequency is huge I mean that the

784

00:37:00,069 --> 00:36:57,470

waveform is huge it's just something

785

00:37:02,859 --> 00:37:00,079

they can latch on to somebody some

786

00:37:05,829 --> 00:37:02,869

bright spark in and marketing years ago

787

00:37:09,280 --> 00:37:05,839

thought this would be a good thing mix

788

00:37:12,760 --> 00:37:09,290

it up with a bit of real science it

789

00:37:14,260 --> 00:37:12,770

becomes quite a word salad but to most

790

00:37:16,329 --> 00:37:14,270

punters out there it just sounds like

791

00:37:18,880 --> 00:37:16,339

it's some sort of wonderful new science

792

00:37:20,589 --> 00:37:18,890

so again it is worth going to mind body

793

00:37:21,970 --> 00:37:20,599

spirit festivals mind-body wallet

794

00:37:24,849 --> 00:37:21,980

festivals because every now and then you

795

00:37:28,299 --> 00:37:24,859

pick up a gem but you certainly learn a

796

00:37:32,710 --> 00:37:28,309

lot and in at last reading the fine

797

00:37:34,480 --> 00:37:32,720

print in this ridiculous flyer I can see

798

00:37:36,640 --> 00:37:34,490

that there they were making cancer

799

00:37:38,829 --> 00:37:36,650

claims which I should have picked up at

800

00:37:40,930 --> 00:37:38,839

the time nevertheless there we are

801
00:38:11,439 --> 00:37:40,940
complete with the health warning from

802
00:38:16,429 --> 00:38:13,969
do you think ink and you'll pass

803
00:38:20,420 --> 00:38:16,439
thinking the people who brought you dr.

804
00:38:24,650 --> 00:38:20,430
Neil deGrasse Tyson James Randi dr. Ben

805
00:38:26,929 --> 00:38:24,660
Goldacre dr. Lisa Randall sam Harris and

806
00:38:30,620 --> 00:38:26,939
many more are delighted to announce

807
00:38:33,140 --> 00:38:30,630
their annual pass for 2017 this pass

808
00:38:34,789 --> 00:38:33,150
allows access to all their events priced

809
00:38:37,309 --> 00:38:34,799
at just two hundred and ninety-nine

810
00:38:40,099 --> 00:38:37,319
dollars the average cost of two tickets

811
00:38:43,640 --> 00:38:40,109
the annual pass will include a VIP

812
00:38:45,829 --> 00:38:43,650
seating and a podcast and video versions

813
00:38:48,439 --> 00:38:45,839

of the event just in case you can't make

814

00:38:50,839 --> 00:38:48,449

it in person do you think ink and your

815

00:38:53,599 --> 00:38:50,849

past is a perfect way for regular

816

00:38:56,089 --> 00:38:53,609

thinkers to maximize their experience as

817

00:38:58,969 --> 00:38:56,099

well as a clever present for friends and

818

00:39:01,640 --> 00:38:58,979

family looking to explore smart answers

819

00:39:04,400 --> 00:39:01,650

to big questions a highlight of the

820

00:39:08,120 --> 00:39:04,410

coming season is none other than named

821

00:39:12,349 --> 00:39:08,130

Jane Goodall for more information and to

822

00:39:31,819 --> 00:39:12,359

get your annual pass visit pink pink dot

823

00:39:35,490 --> 00:39:31,829

org dot a you let's all take this with a

824

00:39:42,290 --> 00:39:35,500

grain of salt is around second

825

00:39:46,560 --> 00:39:42,300

oh okay so i'm here with Alain Moreau

826

00:39:49,650 --> 00:39:46,570

that guy yeah I was only correctly yeah

827

00:39:51,720 --> 00:39:49,660

known too much of the world as captain

828

00:39:54,150 --> 00:39:51,730

disillusion how do you pronounce your

829

00:39:57,180 --> 00:39:54,160

last name Malik janian just call me

830

00:39:59,510 --> 00:39:57,190

captain is fun yeah thanks for having me

831

00:40:02,880 --> 00:39:59,520

thank you for being on the skeptics down

832

00:40:06,630 --> 00:40:02,890

there you gave the opening talk

833

00:40:10,050 --> 00:40:06,640

yesterday morning which I must say was

834

00:40:11,370 --> 00:40:10,060

I'm really fantastic because it was very

835

00:40:13,230 --> 00:40:11,380

apart from the fact that it was

836

00:40:15,420 --> 00:40:13,240

informative and entertaining it was also

837

00:40:16,950 --> 00:40:15,430

very unusual it was not what people

838

00:40:20,760 --> 00:40:16,960

usually expected was up like that what

839

00:40:22,830 --> 00:40:20,770

thank you I did I did you know let's be

840

00:40:25,250 --> 00:40:22,840

honest I had about seven minutes of

841

00:40:28,440 --> 00:40:25,260

material of legitimate you know

842

00:40:30,570 --> 00:40:28,450

skepticism information to convey but I

843

00:40:32,700 --> 00:40:30,580

knew I had to deliver a 50-minute talk

844

00:40:35,520 --> 00:40:32,710

so I just filled it with a lot of

845

00:40:37,590 --> 00:40:35,530

production value and crazy interactive

846

00:40:39,780 --> 00:40:37,600

visuals and things like that so it

847

00:40:41,700 --> 00:40:39,790

turned into like a one-man show that I

848

00:40:43,260 --> 00:40:41,710

was very nervous about because it

849

00:40:45,080 --> 00:40:43,270

involved a lot of like playback

850

00:40:48,260 --> 00:40:45,090

technology and little tricks and things

851

00:40:51,300 --> 00:40:48,270

but yeah that's what I did it went off

852

00:40:53,160 --> 00:40:51,310

relatively without any hitches and I

853

00:40:55,050 --> 00:40:53,170

really enjoy performing it the crowd was

854

00:40:57,870 --> 00:40:55,060

awesome I was very nervous going on

855

00:41:00,060 --> 00:40:57,880

first but in a way I'm glad because I

856

00:41:02,550 --> 00:41:00,070

got another way because when I saw other

857

00:41:04,260 --> 00:41:02,560

speakers after me it just became more

858

00:41:05,850 --> 00:41:04,270

and more intimidating there were some

859

00:41:07,860 --> 00:41:05,860

really brilliant people on and I would

860

00:41:10,080 --> 00:41:07,870

have been way too nervous to go on after

861

00:41:12,120 --> 00:41:10,090

anyone else yes I must tell you from my

862

00:41:14,580 --> 00:41:12,130

perspective having seen a lot of

863

00:41:17,250 --> 00:41:14,590

excellent speakers I don't think your

864

00:41:20,280 --> 00:41:17,260

your you have anything to be nervous

865

00:41:22,860 --> 00:41:20,290

about and maybe just for the benefit of

866

00:41:26,550 --> 00:41:22,870

those who weren't there you basically

867

00:41:28,350 --> 00:41:26,560

were Allen at the intern career

868

00:41:29,850 --> 00:41:28,360

yeah interacting interacting with

869

00:41:32,730 --> 00:41:29,860

captain disillusion who was on the

870

00:41:35,310 --> 00:41:32,740

screen above you that would it's very

871

00:41:37,620 --> 00:41:35,320

difficult to actually work something

872

00:41:39,330 --> 00:41:37,630

like that and make it something like

873

00:41:41,430 --> 00:41:39,340

this work and but it worked very well

874

00:41:44,490 --> 00:41:41,440

thanks yeah I'm like I said I'm glad

875

00:41:47,040 --> 00:41:44,500

like the key moments that depend in a

876

00:41:48,180 --> 00:41:47,050

lot of dependent on timing and things

877

00:41:51,150 --> 00:41:48,190

sort of happening at the right time

878

00:41:52,860 --> 00:41:51,160

those went perfectly yeah it involved

879

00:41:56,010 --> 00:41:52,870

basically I was thinking of like how can

880

00:41:57,330 --> 00:41:56,020

I do my presentation and involve the

881

00:41:59,190 --> 00:41:57,340

captain disillusion character which

882

00:42:01,320 --> 00:41:59,200

involves like an outfit and makeup and

883

00:42:03,930 --> 00:42:01,330

stuff without having to do all that and

884

00:42:06,450 --> 00:42:03,940

also too because it's not I'm not like

885

00:42:08,640 --> 00:42:06,460

performing at a comedy festival this is

886

00:42:11,100 --> 00:42:08,650

a skeptic you know conference I want it

887

00:42:13,290 --> 00:42:11,110

to be a presentable person and convey

888

00:42:15,180 --> 00:42:13,300

some legitimate information but also

889

00:42:17,400 --> 00:42:15,190

make it entertaining so I did a thing

890

00:42:19,320 --> 00:42:17,410

where the you know the conceit of the

891

00:42:21,480 --> 00:42:19,330

talk was that I am an assistant and

892

00:42:23,580 --> 00:42:21,490

intern for captain disillusion and he's

893

00:42:26,010 --> 00:42:23,590

on his way but he can't quite make it so

894

00:42:29,520 --> 00:42:26,020

I have a little sort of interactive call

895

00:42:32,100 --> 00:42:29,530

with him and then I'm left on my own to

896

00:42:35,430 --> 00:42:32,110

give this presentation completely

897

00:42:38,640 --> 00:42:35,440

unprepared and then I go on to give all

898

00:42:42,140 --> 00:42:38,650

kinds of funny you know different

899

00:42:45,410 --> 00:42:42,150

sections but basically it all adds up to

900

00:42:48,030 --> 00:42:45,420

just me explaining to people how to make

901
00:42:51,270 --> 00:42:48,040
skeptical communication a little bit

902
00:42:53,880 --> 00:42:51,280
more entertaining and visually like

903
00:42:55,800 --> 00:42:53,890
interesting and when it comes to videos

904
00:42:57,930 --> 00:42:55,810
on YouTube which is basically which is

905
00:43:00,060 --> 00:42:57,940
essentially what you do this that's what

906
00:43:02,430 --> 00:43:00,070
your channel is so okay let's talk about

907
00:43:04,320 --> 00:43:02,440
captain disillusion a little bit not the

908
00:43:07,680 --> 00:43:04,330
knob bit of character but the the

909
00:43:10,020 --> 00:43:07,690
youtube channel and so what do you do on

910
00:43:13,080 --> 00:43:10,030
that channel um Captain decision is a

911
00:43:15,270 --> 00:43:13,090
web series where essentially it just

912
00:43:18,870 --> 00:43:15,280
kind of deconstructs and analyzes and

913
00:43:20,250 --> 00:43:18,880

debunks most of the time strange videos

914

00:43:23,360 --> 00:43:20,260

from around the internet whether it's

915

00:43:26,700 --> 00:43:23,370

paranormal ghost videos or UFO

916

00:43:29,100 --> 00:43:26,710

encounters or just strange tricks and

917

00:43:31,260 --> 00:43:29,110

things that go viral online and people

918

00:43:31,720 --> 00:43:31,270

are not sure if the thing is real or

919

00:43:34,990 --> 00:43:31,730

since

920

00:43:37,900 --> 00:43:35,000

of hopes I as the character I take these

921

00:43:39,970 --> 00:43:37,910

videos and I just analyze mostly just

922

00:43:43,000 --> 00:43:39,980

the visual effects that go into faking

923

00:43:46,060 --> 00:43:43,010

the video and sometimes I kind of

924

00:43:48,520 --> 00:43:46,070

venture into topics of like ethics about

925

00:43:50,710 --> 00:43:48,530

these things or like why do people do it

926

00:43:54,070 --> 00:43:50,720

or what's right or wrong the state of

927

00:43:56,770 --> 00:43:54,080

like news reporting on things like

928

00:43:59,230 --> 00:43:56,780

things like the skepticism in the media

929

00:44:02,109 --> 00:43:59,240

but mostly it's about how visual effects

930

00:44:04,480 --> 00:44:02,119

work and how you can you know just by

931

00:44:08,200 --> 00:44:04,490

looking at those things you can kind of

932

00:44:09,580 --> 00:44:08,210

learn the basics of informal skepticism

933

00:44:13,300 --> 00:44:09,590

that you could apply it to the rest of

934

00:44:17,950 --> 00:44:13,310

your life so obviously apply a lot of

935

00:44:22,530 --> 00:44:17,960

knowledge about how video works or

936

00:44:25,930 --> 00:44:22,540

production works but I would say from

937

00:44:28,990 --> 00:44:25,940

what I've seen in your videos is most of

938

00:44:31,630 --> 00:44:29,000

it is simply thinking and well and

939

00:44:36,670 --> 00:44:31,640

spending time to research would you

940

00:44:39,910 --> 00:44:36,680

agree with that yeah it's it's like I am

941

00:44:43,210 --> 00:44:39,920

just relying on the little tiny avenue

942

00:44:46,300 --> 00:44:43,220

of knowledge i have about effects to

943

00:44:49,960 --> 00:44:46,310

demonstrate like how I would you know

944

00:44:52,150 --> 00:44:49,970

how I would approach how I would

945

00:44:53,440 --> 00:44:52,160

approach that area skeptically but

946

00:44:56,680 --> 00:44:53,450

everyone else it's up to everyone else

947

00:44:58,230 --> 00:44:56,690

to kind of apply that to the things that

948

00:45:00,220 --> 00:44:58,240

they know about and to you know

949

00:45:02,680 --> 00:45:00,230

everything all the other issues in the

950

00:45:04,930 --> 00:45:02,690

world in the same way so it's just kind

951
00:45:06,400 --> 00:45:04,940
of like a little template you know I

952
00:45:07,500 --> 00:45:06,410
can't talk about things I don't know

953
00:45:09,720 --> 00:45:07,510
about I don't have a lot

954
00:45:13,800 --> 00:45:09,730
like scientific background and not a

955
00:45:17,190 --> 00:45:13,810
journalist but yeah it I think being

956
00:45:21,440 --> 00:45:17,200
aware being informed is an important

957
00:45:24,990 --> 00:45:21,450
part of being a skeptic so so yeah you

958
00:45:26,880 --> 00:45:25,000
you say that you're not an expert and

959
00:45:29,160 --> 00:45:26,890
all of that but your channels being very

960
00:45:30,840 --> 00:45:29,170
successful in fact if I remember

961
00:45:34,830 --> 00:45:30,850
correctly had recently seen on on

962
00:45:37,770 --> 00:45:34,840
Facebook photo of you with in with an

963
00:45:40,770 --> 00:45:37,780

award yeah I reached the the channel

964

00:45:42,570 --> 00:45:40,780

surpassed um well the award that little

965

00:45:46,380 --> 00:45:42,580

plaque is for reaching a hundred

966

00:45:48,540 --> 00:45:46,390

thousand subscribers but by the time you

967

00:45:51,120 --> 00:45:48,550

know the receiving the plaque is kind of

968

00:45:52,620 --> 00:45:51,130

a process that takes time so by the time

969

00:45:54,840 --> 00:45:52,630

I receive the plaques i actually had

970

00:45:57,660 --> 00:45:54,850

already at more than 200,000 subscribers

971

00:45:59,490 --> 00:45:57,670

and how many di Tomasso I think I know

972

00:46:02,630 --> 00:45:59,500

it's past 250 I haven't checked lately

973

00:46:06,420 --> 00:46:02,640

but um yeah it's climbing up there I

974

00:46:08,310 --> 00:46:06,430

think you get another plaque when you

975

00:46:10,950 --> 00:46:08,320

reach no

976
00:46:13,740 --> 00:46:10,960
or maybe yeah million and then Sassoon's

977
00:46:15,420 --> 00:46:13,750
time you will see you know I'm only

978
00:46:17,010 --> 00:46:15,430
doing this for the awards you know I

979
00:46:21,180 --> 00:46:17,020
just obviously yeah yeah there's no

980
00:46:25,020 --> 00:46:21,190
underneath and what kind of input do or

981
00:46:26,310 --> 00:46:25,030
feedback do you get I look at other

982
00:46:28,260 --> 00:46:26,320
channels and I see a lot of you know

983
00:46:30,270 --> 00:46:28,270
like people arguing and stuff and

984
00:46:32,490 --> 00:46:30,280
there's a lot of I think there's a lot

985
00:46:34,860 --> 00:46:32,500
of skeptical I'm youtubers that get a

986
00:46:37,470 --> 00:46:34,870
lot of like hate and stuff but I find

987
00:46:39,420 --> 00:46:37,480
for some reason mostly on my channel

988
00:46:41,520 --> 00:46:39,430

there's you know people like the videos

989

00:46:42,900 --> 00:46:41,530

they have pretty intelligent discussions

990

00:46:44,340 --> 00:46:42,910

and they asked me questions and they

991

00:46:45,930 --> 00:46:44,350

give mostly you know I get a lot of

992

00:46:48,870 --> 00:46:45,940

suggestions for what other videos they

993

00:46:52,830 --> 00:46:48,880

want to see be constructed there's

994

00:46:57,360 --> 00:46:52,840

generally positive you know I like it I

995

00:46:59,870 --> 00:46:57,370

try not to get into like threads of

996

00:47:02,580 --> 00:46:59,880

discussions on my on my videos because

997

00:47:04,200 --> 00:47:02,590

in the end at least in my case it's kind

998

00:47:06,210 --> 00:47:04,210

of entertainment and it's a character

999

00:47:08,760 --> 00:47:06,220

and there's only so much you can get

1000

00:47:11,490 --> 00:47:08,770

into like philosophical or technical

1001
00:47:13,140 --> 00:47:11,500
discussions before I don't sound like

1002
00:47:14,600 --> 00:47:13,150
captain disillusion anymore it's it's a

1003
00:47:17,700 --> 00:47:14,610
little bit difficult to talk to people

1004
00:47:20,400 --> 00:47:17,710
so I keep it as entertainment and as a

1005
00:47:23,790 --> 00:47:20,410
presentation channel so people who want

1006
00:47:25,890 --> 00:47:23,800
to see your videos make sure they go

1007
00:47:27,990 --> 00:47:25,900
they should just look for captain

1008
00:47:30,900 --> 00:47:28,000
disillusion on youtube or youtube.com

1009
00:47:33,750 --> 00:47:30,910
slash captain disillusion I sometimes

1010
00:47:36,360 --> 00:47:33,760
say things on Twitter see the letter C

1011
00:47:38,370 --> 00:47:36,370
disillusion of ads obscene disillusioned

1012
00:47:40,710 --> 00:47:38,380
and on facebook obviously the captain

1013
00:47:42,450 --> 00:47:40,720

disillusion page and I have a site

1014

00:47:44,910 --> 00:47:42,460

captain disillusion calm where you can

1015

00:47:46,710 --> 00:47:44,920

see like a counter account down to

1016

00:47:48,690 --> 00:47:46,720

whenever the next episode is going to

1017

00:47:51,360 --> 00:47:48,700

come out and they come out monthly and

1018

00:47:54,390 --> 00:47:51,370

of course on patreon.com / captain

1019

00:47:57,240 --> 00:47:54,400

decision is a place people can not only

1020

00:47:59,730 --> 00:47:57,250

just watch my stuff but um sign up to

1021

00:48:03,660 --> 00:47:59,740

support the show that's kind of my main

1022

00:48:05,890 --> 00:48:03,670

way of keeping captain disillusion alive

1023

00:48:08,950 --> 00:48:05,900

is that people

1024

00:48:10,570 --> 00:48:08,960

the the community support the show with

1025

00:48:12,160 --> 00:48:10,580

like donations and things and in

1026

00:48:13,990 --> 00:48:12,170

exchange they get various

1027

00:48:15,670 --> 00:48:14,000

behind-the-scenes looks at how I make

1028

00:48:17,830 --> 00:48:15,680

the series because it involves a lot of

1029

00:48:19,720 --> 00:48:17,840

production a lot of visual effects and

1030

00:48:21,700 --> 00:48:19,730

things like that so I give people an

1031

00:48:24,040 --> 00:48:21,710

inside look at how everything happens

1032

00:48:26,230 --> 00:48:24,050

okay so that's for people who actually

1033

00:48:29,310 --> 00:48:26,240

support the show financially is there a

1034

00:48:31,420 --> 00:48:29,320

way for people who are not I can't

1035

00:48:32,980 --> 00:48:31,430

support financially for example Facebook

1036

00:48:35,980 --> 00:48:32,990

as well is there a way for them to

1037

00:48:38,500 --> 00:48:35,990

support the show in another way um well

1038

00:48:41,260 --> 00:48:38,510

of course just reviews and yeah you know

1039

00:48:43,330 --> 00:48:41,270

that were there isn't like yeah I'm not

1040

00:48:44,830 --> 00:48:43,340

it's not a podcast on iTunes so there

1041

00:48:47,910 --> 00:48:44,840

isn't like a review system but certainly

1042

00:48:50,830 --> 00:48:47,920

simply subscribing on YouTube I think

1043

00:48:52,510 --> 00:48:50,840

helps and just kind of post you know

1044

00:48:54,730 --> 00:48:52,520

sharing the videos is really the best

1045

00:48:57,340 --> 00:48:54,740

way is there every is there a particular

1046

00:48:59,380 --> 00:48:57,350

video on your channel that actually

1047

00:49:01,630 --> 00:48:59,390

shows people a little bit more about

1048

00:49:04,480 --> 00:49:01,640

your process I mean that you mentioned

1049

00:49:05,800 --> 00:49:04,490

that it's for patreon oh yeah I mean

1050

00:49:07,510 --> 00:49:05,810

well there's little behind-the-scenes

1051
00:49:08,920 --> 00:49:07,520
things which I don't know maybe

1052
00:49:10,630 --> 00:49:08,930
eventually I'll release some of those

1053
00:49:12,670 --> 00:49:10,640
one time has passed for the general

1054
00:49:14,980 --> 00:49:12,680
public but if you I mean good examples

1055
00:49:16,720 --> 00:49:14,990
of episodes that maybe are like

1056
00:49:21,430 --> 00:49:16,730
representative of the channel as a whole

1057
00:49:23,560 --> 00:49:21,440
is like the latest 1i posted at this

1058
00:49:25,690 --> 00:49:23,570
time of this recording called the secret

1059
00:49:28,530 --> 00:49:25,700
bracelet debunk which is kind of a

1060
00:49:32,080 --> 00:49:28,540
product review / critique of this

1061
00:49:35,860 --> 00:49:32,090
product concept that isn't very you know

1062
00:49:38,260 --> 00:49:35,870
I don't think is a very good product or

1063
00:49:41,190 --> 00:49:38,270

at least the concept for it that's being

1064

00:49:44,290 --> 00:49:41,200

financed also crowdfunded so it's like a

1065

00:49:45,610 --> 00:49:44,300

technical review of a gadget and then

1066

00:49:48,940 --> 00:49:45,620

there's others want like one of my

1067

00:49:51,970 --> 00:49:48,950

popular most popular videos is the miss

1068

00:49:54,570 --> 00:49:51,980

pink miss ping debunk which is just a

1069

00:49:57,940 --> 00:49:54,580

little deconstruction of a visual effect

1070

00:49:59,950 --> 00:49:57,950

a funny visual tech video where some

1071

00:50:02,980 --> 00:49:59,960

people are doing these tricks these

1072

00:50:05,260 --> 00:50:02,990

amazing feats with a ping pong paddles

1073

00:50:08,650 --> 00:50:05,270

and some ping pong balls and knives and

1074

00:50:10,270 --> 00:50:08,660

it's a it's a fun trick it's a fun thing

1075

00:50:13,090 --> 00:50:10,280

to deconstruct and it's a good

1076
00:50:14,930 --> 00:50:13,100
illustration of how visual effects can

1077
00:50:17,990 --> 00:50:14,940
be used in

1078
00:50:20,980 --> 00:50:18,000
clever ways to make amazing things look

1079
00:50:23,960 --> 00:50:20,990
real and you've had a bit of a kind of a

1080
00:50:26,930 --> 00:50:23,970
being sort of a self assault of feedback

1081
00:50:29,930 --> 00:50:26,940
mumbai india indeed it's one of the most

1082
00:50:33,530 --> 00:50:29,940
one of the most fun examples of like

1083
00:50:36,109 --> 00:50:33,540
kind of back and forth in youtube feud

1084
00:50:38,059 --> 00:50:36,119
that I've ever experienced those guys

1085
00:50:39,530 --> 00:50:38,069
after I made that video which their

1086
00:50:41,960 --> 00:50:39,540
video was extremely popular and I

1087
00:50:45,920 --> 00:50:41,970
suppose writing on that was the

1088
00:50:49,059 --> 00:50:45,930

popularity of my own video they redid

1089

00:50:51,530 --> 00:50:49,069

they did a remake of their video

1090

00:50:53,420 --> 00:50:51,540

changing everything about the way they

1091

00:50:55,280 --> 00:50:53,430

did it so that it doesn't fit the

1092

00:50:57,589 --> 00:50:55,290

explanation I gave so they kind of went

1093

00:50:59,300 --> 00:50:57,599

around all my explanation sort of

1094

00:51:02,359 --> 00:50:59,310

proving that they did it a different way

1095

00:51:05,000 --> 00:51:02,369

and they also included a little epilogue

1096

00:51:07,250 --> 00:51:05,010

in which someone that very much

1097

00:51:08,870 --> 00:51:07,260

resembles captain disillusion gets hit

1098

00:51:11,329 --> 00:51:08,880

with a hammer in the head looks just a

1099

00:51:12,740 --> 00:51:11,339

safe anything and I actually found that

1100

00:51:16,400 --> 00:51:12,750

extremely funny and I think that's the

1101
00:51:18,380 --> 00:51:16,410
best way to you know if you're being

1102
00:51:20,839 --> 00:51:18,390
criticized by someone through a creative

1103
00:51:23,750 --> 00:51:20,849
outlet criticize them back with a

1104
00:51:26,030 --> 00:51:23,760
creative work of your own duty clever

1105
00:51:27,470 --> 00:51:26,040
very good LMK thank you very much for

1106
00:51:36,050 --> 00:51:27,480
being on the Skip Dixon thanks for

1107
00:51:38,420 --> 00:51:36,060
having me greetings listeners it's me

1108
00:51:40,819 --> 00:51:38,430
captain disillusion on my youtube

1109
00:51:43,400 --> 00:51:40,829
channel called captain disillusion aye

1110
00:51:45,500 --> 00:51:43,410
captain disillusion analyzed viral

1111
00:51:47,809 --> 00:51:45,510
videos of the strange and unbelievable I

1112
00:51:50,450 --> 00:51:47,819
explain how interframe video compression

1113
00:51:52,609 --> 00:51:50,460

3d motion tracking and stock the effects

1114

00:51:54,710 --> 00:51:52,619

elements prove that Justin Bieber is not

1115

00:51:56,390 --> 00:51:54,720

a secret reptilian alien that those

1116

00:51:58,609 --> 00:51:56,400

videos of ghost cars are just

1117

00:52:00,410 --> 00:51:58,619

unintentional optical illusions and that

1118

00:52:02,000 --> 00:52:00,420

lightning did not strike a few feet away

1119

00:52:04,880 --> 00:52:02,010

from a girl on a beach as we saw on the

1120

00:52:07,309 --> 00:52:04,890

news I'm real fun at parties my best

1121

00:52:09,319 --> 00:52:07,319

friend is a lens flare eat a dimmer

1122

00:52:11,270 --> 00:52:09,329

switch disillusion I do know other

1123

00:52:13,880 --> 00:52:11,280

people sometimes they even show up in my

1124

00:52:15,829 --> 00:52:13,890

videos people like skepticism is grandpa

1125

00:52:18,740 --> 00:52:15,839

james randi sirve de Soleil Acrobat

1126
00:52:20,880 --> 00:52:18,750
Erica Lynn's weight loss enthusiast Penn

1127
00:52:23,010 --> 00:52:20,890
Jillette and the actual Beekman

1128
00:52:25,050 --> 00:52:23,020
beekman's world I hope you'll check out

1129
00:52:27,180 --> 00:52:25,060
my adventures interact with me in a

1130
00:52:29,970 --> 00:52:27,190
platonic way and even consider becoming

1131
00:52:32,580 --> 00:52:29,980
a patron of my work you can do all that

1132
00:52:43,710 --> 00:52:32,590
and more on youtube or at captain

1133
00:52:48,280 --> 00:52:46,270
thank you for listening to the skeptic

1134
00:52:49,870 --> 00:52:48,290
zone now folks it's not long now for the

1135
00:52:53,410 --> 00:52:49,880
Australian skeptics national convention

1136
00:52:55,720 --> 00:52:53,420
in Melbourne wonderful Melbourne 25th of

1137
00:52:58,599 --> 00:52:55,730
the 27th of November check out the

1138
00:53:00,910 --> 00:52:58,609

website convention skeptics calm today

1139

00:53:04,720 --> 00:53:00,920

you I'm sure you'll have a wonderful

1140

00:53:06,940 --> 00:53:04,730

time meeting such dignitaries or guests

1141

00:53:08,830 --> 00:53:06,950

as Ed's odd Ernst and Michael Marshall

1142

00:53:10,780 --> 00:53:08,840

and a host of other really interesting

1143

00:53:12,640 --> 00:53:10,790

speakers the Australian skeptics

1144

00:53:14,800 --> 00:53:12,650

national convention all hairy at all too

1145

00:53:16,570 --> 00:53:14,810

well she'd be worth the price of

1146

00:53:19,089 --> 00:53:16,580

admission alone Lawrence Krauss good

1147

00:53:20,830 --> 00:53:19,099

heavens the list goes on it's always a

1148

00:53:22,570 --> 00:53:20,840

wonderful time the Australian skeptics

1149

00:53:24,910 --> 00:53:22,580

National Convention check out that

1150

00:53:27,070 --> 00:53:24,920

website for more details and of course

1151
00:53:30,099 --> 00:53:27,080
coming up in the first week in december

1152
00:53:32,859 --> 00:53:30,109
if you're in New Zealand you can come to

1153
00:53:38,130 --> 00:53:32,869
the New Zealand skeptics conference head

1154
00:53:41,260 --> 00:53:38,140
for conference dot skeptics got n Z and

1155
00:53:43,270 --> 00:53:41,270
again a host of wonderful speakers and

1156
00:53:45,580 --> 00:53:43,280
I'm lucky enough to be appearing there

1157
00:53:47,890 --> 00:53:45,590
myself with my good friends are was

1158
00:53:49,480 --> 00:53:47,900
Susan Grbac Loretta Marin known as the

1159
00:53:52,530 --> 00:53:49,490
jellybean lady and a host of other good

1160
00:53:56,230 --> 00:53:52,540
speakers in beautiful Queenstown and

1161
00:53:58,030 --> 00:53:56,240
that is in the first week in december in

1162
00:54:00,520 --> 00:53:58,040
fact from the second to the fourth of

1163
00:54:02,740 --> 00:54:00,530

december and added to that if you're in

1164

00:54:04,990 --> 00:54:02,750

the berkeley area at the moment i think

1165

00:54:08,260 --> 00:54:05,000

I'm slated to be speaking in berkeley in

1166

00:54:09,760 --> 00:54:08,270

california on the twenty-ninth but i

1167

00:54:13,089 --> 00:54:09,770

will keep you up to date on that

1168

00:54:15,010 --> 00:54:13,099

information as we firm that up thank you

1169

00:54:16,839 --> 00:54:15,020

to all those lovely wonderful helpful

1170

00:54:19,120 --> 00:54:16,849

generous people who contribute to the

1171

00:54:22,660 --> 00:54:19,130

skeptic zone financially at skeptic zone

1172

00:54:24,220 --> 00:54:22,670

TV via patreon or just by our micro

1173

00:54:26,079 --> 00:54:24,230

payments with paypal all the

1174

00:54:28,770 --> 00:54:26,089

informations there and your

1175

00:54:31,690 --> 00:54:28,780

contributions mean the show keeps going

1176

00:54:33,910 --> 00:54:31,700

there's no other way to state that it's

1177

00:54:35,710 --> 00:54:33,920

true if people stop contributing to the

1178

00:54:38,579 --> 00:54:35,720

show i simply could not do it anymore

1179

00:54:42,550 --> 00:54:38,589

and my reporters would be very unhappy

1180

00:54:45,040 --> 00:54:42,560

or happy maybe they'd be quite relieved

1181

00:54:47,349 --> 00:54:45,050

i don't know i would hope hello

1182

00:54:49,180 --> 00:54:47,359

reporters is i hope they would be

1183

00:54:51,190 --> 00:54:49,190

unhappy if the show stopped maybe they'd

1184

00:54:52,810 --> 00:54:51,200

get a bit of rest i don't know but thank

1185

00:54:54,880 --> 00:54:52,820

you everybody thank you very much

1186

00:54:56,210 --> 00:54:54,890

sincerely for helping to keep the

1187

00:54:58,970 --> 00:54:56,220

skeptic zone

1188

00:55:01,040 --> 00:54:58,980

on the internet and speaking of

1189

00:55:02,870 --> 00:55:01,050

reporters a big congratulations to our

1190

00:55:05,510 --> 00:55:02,880

reporter Maynard who just spent the last

1191

00:55:08,710 --> 00:55:05,520

couple of weeks on the road in the air

1192

00:55:12,260 --> 00:55:08,720

on buses all sorts of things taxis

1193

00:55:13,849 --> 00:55:12,270

fronting the vengaboys tour that's why

1194

00:55:15,560 --> 00:55:13,859

man ads been a little bit quiet lately

1195

00:55:17,030 --> 00:55:15,570

or if you follow him on Twitter or

1196

00:55:19,700 --> 00:55:17,040

Facebook he's not been a little bit

1197

00:55:21,650 --> 00:55:19,710

quiet hehe did a wonderful job by all

1198

00:55:23,890 --> 00:55:21,660

accounts I saw some photographs Maynard

1199

00:55:26,720 --> 00:55:23,900

was posting a few videos from the tour

1200

00:55:30,500 --> 00:55:26,730

if you want to find out more about what

1201

00:55:31,870 --> 00:55:30,510

Maenads been up to and hear his podcasts

1202

00:55:37,310 --> 00:55:31,880

and videos and all sorts of things

1203

00:55:40,250 --> 00:55:37,320

Maynard dot-com dot a you oh and a note

1204

00:55:43,190 --> 00:55:40,260

to any radio producers out there if you

1205

00:55:45,890 --> 00:55:43,200

would like to use a segment from the

1206

00:55:47,690 --> 00:55:45,900

show rebroadcast it so to speak just

1207

00:55:49,670 --> 00:55:47,700

drop me a line my contact details where

1208

00:55:53,540 --> 00:55:49,680

it's kept exam TV and have a chat to me

1209

00:55:56,000 --> 00:55:53,550

and i am very likely to say yes why not

1210

00:55:58,099 --> 00:55:56,010

the more people that he ran segments and

1211

00:56:01,190 --> 00:55:58,109

interviews from the skeptic zone the

1212

00:56:03,170 --> 00:56:01,200

better but for this week this is Richard

1213

00:56:09,770 --> 00:56:03,180

Saunders signing off from Sydney

1214

00:56:11,810 --> 00:56:09,780

Australia you've been listening to the

1215

00:56:15,349 --> 00:56:11,820

skeptics own podcast because of our

1216

00:56:17,570 --> 00:56:15,359

website at wwc a petting zoo TV for

1217

00:56:21,980 --> 00:56:17,580

contacts an archive of all episodes

1218

00:56:24,140 --> 00:56:21,990

since 2008 and our online store please

1219

00:56:27,470 --> 00:56:24,150

support the skeptic zone by following us

1220

00:56:30,430 --> 00:56:27,480

on twitter at skeptic zone liking us on

1221

00:56:32,810 --> 00:56:30,440

facebook and leaving a review on iTunes

1222

00:56:35,480 --> 00:56:32,820

you can also show your support by

1223

00:56:39,230 --> 00:56:35,490

subscribing via paypal for as little as

1224

00:56:41,270 --> 00:56:39,240

99 cents a week the skeptic zone is an

1225

00:56:43,339 --> 00:56:41,280

independent production the views and

1226

00:56:45,560 --> 00:56:43,349

opinions expressed on the skeptic zone

1227

00:56:48,440 --> 00:56:45,570

and not necessarily those of Australian

1228

00:56:50,130 --> 00:56:48,450

skeptically or any other skeptical