

Gawd Bless  
**AMERICA**

**The Skeptic Zone**  
**Show 121**  
**11.Feb.2011**



1  
00:00:05,720 --> 00:00:02,510  
we are the most guilty issues that come

2  
00:00:31,160 --> 00:00:05,730  
from them oh that's tough i bought a su

3  
00:00:33,770 --> 00:00:31,170  
keep it welcome to the skeptic zone the

4  
00:00:46,090 --> 00:00:33,780  
podcast from australia for science and

5  
00:00:51,500 --> 00:00:49,340  
hello from Richard Saunders in Sydney

6  
00:00:55,430 --> 00:00:51,510  
Australia welcome indeed to the skeptic

7  
00:00:59,000 --> 00:00:55,440  
zone episode number 121 for the eleventh

8  
00:01:01,940 --> 00:00:59,010  
of februari 2011 and that little clip

9  
00:01:04,820 --> 00:01:01,950  
you heard before the music was from oslo

10  
00:01:07,640 --> 00:01:04,830  
norway where a lovely young lady by the

11  
00:01:11,450 --> 00:01:07,650  
name of kristin carlson led the local

12  
00:01:13,850 --> 00:01:11,460  
skeptics in the 10 23 anti homeopathy

13  
00:01:16,490 --> 00:01:13,860

campaign now I played that little clip

14

00:01:18,920 --> 00:01:16,500

to demonstrate that all over the world

15

00:01:21,680 --> 00:01:18,930

people are standing up consumers and

16

00:01:25,880 --> 00:01:21,690

skeptics standing up and saying this

17

00:01:28,850 --> 00:01:25,890

stuff is a scam more on that later in

18

00:01:31,820 --> 00:01:28,860

the show and what a show we have for you

19

00:01:34,040 --> 00:01:31,830

this week I interview filmmaker Blake

20

00:01:37,490 --> 00:01:34,050

Freeman from Los Angeles about his

21

00:01:39,170 --> 00:01:37,500

latest movie god Bless America which is

22

00:01:42,249 --> 00:01:39,180

coming out in the United States and

23

00:01:46,190 --> 00:01:42,259

March followed by Australia a

24

00:01:47,930 --> 00:01:46,200

fascinating movie documentary where

25

00:01:51,620 --> 00:01:47,940

Blake travels across the United States

26

00:01:54,620 --> 00:01:51,630

in search of the paranormal following

27

00:01:56,809 --> 00:01:54,630

that we have maynard's spooky action at

28

00:01:59,480 --> 00:01:56,819

a distance maynard's going to be

29

00:02:03,559 --> 00:01:59,490

chatting to a CSIRO scientists about a

30

00:02:06,650 --> 00:02:03,569

new death ray well not really a Death

31

00:02:08,990 --> 00:02:06,660

Ray but some interesting science and the

32

00:02:13,430 --> 00:02:09,000

audio from Maynard this week is courtesy

33

00:02:16,250 --> 00:02:13,440

of our friends at ABC radio then we have

34

00:02:19,910 --> 00:02:16,260

a clip from Radio to Yui here in Sydney

35

00:02:23,180 --> 00:02:19,920

where our brand new best friend media

36

00:02:25,670 --> 00:02:23,190

commentators Tracy Spicer once again

37

00:02:27,980 --> 00:02:25,680

takes Merrill Dory from the Australian

38

00:02:31,130 --> 00:02:27,990

anti-vaccination at work to task on

39

00:02:34,400 --> 00:02:31,140

radio and she gets a call from a certain

40

00:02:36,860 --> 00:02:34,410

friend of ours named ratbag Peter

41

00:02:40,339 --> 00:02:36,870

managed following that we have dr.

42

00:02:42,140 --> 00:02:40,349

Richie reports where dr. Reggie looks at

43

00:02:44,809 --> 00:02:42,150

an interesting website set up by the

44

00:02:48,650 --> 00:02:44,819

Australian Government to advise us all

45

00:02:52,460 --> 00:02:48,660

about the medicines we take and rach he

46

00:02:54,050 --> 00:02:52,470

finds a few problems there rach's been

47

00:02:56,570 --> 00:02:54,060

very busy because following that she

48

00:02:59,000 --> 00:02:56,580

goes out with us to the 1020

49

00:03:02,260 --> 00:02:59,010

3 campaign' protest here in Sydney

50

00:03:05,660 --> 00:03:02,270

Australia and record some interviews

51  
00:03:07,850 --> 00:03:05,670  
amongst them with me and wrap up the

52  
00:03:10,220 --> 00:03:07,860  
show we have James Randi with his

53  
00:03:13,400 --> 00:03:10,230  
statement and challenge regarding

54  
00:03:16,310 --> 00:03:13,410  
homeopathy and don't forget you can get

55  
00:03:20,440 --> 00:03:16,320  
more background information links and so

56  
00:03:24,230 --> 00:03:20,450  
on from our free newsletter subscribe at

57  
00:03:26,510 --> 00:03:24,240  
wvc apex on TV fill in your email

58  
00:03:28,900 --> 00:03:26,520  
address and each week together with the

59  
00:03:33,020 --> 00:03:28,910  
show you'll receive our free newsletter

60  
00:03:36,290 --> 00:03:33,030  
but for now sit back grab that nice cup

61  
00:03:52,260 --> 00:03:36,300  
of coffee nice brewed coffee and enjoy

62  
00:03:57,480 --> 00:03:54,790  
isn't it funny how I knock at your door

63  
00:03:59,890 --> 00:03:57,490

can change your life forever

64

00:04:01,870 --> 00:03:59,900

unfortunately that knock had me wearing

65

00:04:05,050 --> 00:04:01,880

a pink tutu and running from neo-nazi

66

00:04:08,320 --> 00:04:05,060

skinheads so that's me Blake and this is

67

00:04:11,860 --> 00:04:08,330

the old man that got me here where I eat

68

00:04:14,710 --> 00:04:11,870

Leroy he's a true believer are you

69

00:04:17,050 --> 00:04:14,720

really honestly deep in your heart leave

70

00:04:20,260 --> 00:04:17,060

that you have to spend money to save

71

00:04:26,140 --> 00:04:20,270

yourself from alien abduction yeah in a

72

00:04:28,060 --> 00:04:26,150

certain extent meet Blake he's not alien

73

00:04:29,980 --> 00:04:28,070

psychics and ghosts I'm gonna take this

74

00:04:31,690 --> 00:04:29,990

guy across the country and proved to him

75

00:04:33,250 --> 00:04:31,700

that this stuff is not real all right

76

00:04:36,490 --> 00:04:33,260

are you guys excited to be here at the

77

00:04:39,040 --> 00:04:36,500

UFO festival got on my spaceship this

78

00:04:41,200 --> 00:04:39,050

morning and at my life day and I'm here

79

00:04:43,750 --> 00:04:41,210

so we're ready to work it for instance

80

00:04:45,640 --> 00:04:43,760

anal probing if the aliens are so

81

00:04:48,030 --> 00:04:45,650

advanced once they've been up one asks

82

00:04:51,310 --> 00:04:48,040

they all the asses are probably the same

83

00:04:55,450 --> 00:04:51,320

kind of to do if they're so far day you

84

00:04:57,700 --> 00:04:55,460

you would have make we do there's some

85

00:05:01,090 --> 00:04:57,710

something going on there why do I have

86

00:05:02,950 --> 00:05:01,100

two ears two noses man you've got one

87

00:05:05,620 --> 00:05:02,960

note you brother dear mother was raped

88

00:05:08,050 --> 00:05:05,630

by aliens not raped artificially

89

00:05:10,360 --> 00:05:08,060

inseminated the same way Jesus was

90

00:05:21,230 --> 00:05:10,370

provided to put Jesus wasn't in part of

91

00:05:28,309 --> 00:05:25,550

and joining me now on the line from Los

92

00:05:30,620 --> 00:05:28,319

Angeles is filmmaker Blake Freeman hello

93

00:05:32,900 --> 00:05:30,630

Blake hello Richard how are you thank

94

00:05:35,510 --> 00:05:32,910

you for having me that's my pleasure now

95

00:05:37,820 --> 00:05:35,520

I've only caught a little bit of what's

96

00:05:40,969 --> 00:05:37,830

going on with god bless america through

97

00:05:42,290 --> 00:05:40,979

the clips and the resources online looks

98

00:05:44,150 --> 00:05:42,300

very interesting let me kick off

99

00:05:47,330 --> 00:05:44,160

straight away by asking you about the

100

00:05:50,749 --> 00:05:47,340

the name the title of the documentary

101  
00:05:53,659 --> 00:05:50,759  
why is it called god bless america so

102  
00:05:55,640 --> 00:05:53,669  
it's just a play on you know as a play

103  
00:05:58,430 --> 00:05:55,650  
on the word just because ll you know

104  
00:06:01,249 --> 00:05:58,440  
it's kind of when you get out there on

105  
00:06:02,830 --> 00:06:01,259  
this road trip like we took and we heard

106  
00:06:05,719 --> 00:06:02,840  
some of the things that we heard about

107  
00:06:08,990 --> 00:06:05,729  
you know alien psychics and paranormal

108  
00:06:11,089 --> 00:06:09,000  
it makes you say God bless america

109  
00:06:14,240 --> 00:06:11,099  
almost less you for feeling sorry for

110  
00:06:16,159 --> 00:06:14,250  
our country so so it's almost like

111  
00:06:18,559 --> 00:06:16,169  
you're saying in frustration to I guess

112  
00:06:20,210 --> 00:06:18,569  
it is it is definitely it definitely was

113  
00:06:22,969 --> 00:06:20,220

frustration and a little bit of

114

00:06:25,610 --> 00:06:22,979

different disbelief actually that's

115

00:06:29,209 --> 00:06:25,620

that's interesting because it certainly

116

00:06:32,300 --> 00:06:29,219

comes across as that in a few very few

117

00:06:34,010 --> 00:06:32,310

online resources and clips I've seen now

118

00:06:36,560 --> 00:06:34,020

Blake I understand that you have

119

00:06:39,200 --> 00:06:36,570

attended the amazing meeting in Las

120

00:06:42,170 --> 00:06:39,210

Vegas oh I did you know it was part of

121

00:06:45,200 --> 00:06:42,180

that was one of our stops in fact we

122

00:06:48,520 --> 00:06:45,210

came straight from the I guess national

123

00:06:52,159 --> 00:06:48,530

alien convention in Roswell New Mexico

124

00:06:55,309 --> 00:06:52,169

where the famous supposed crash site was

125

00:06:57,800 --> 00:06:55,319

and then we went straight to the to the

126  
00:07:00,649 --> 00:06:57,810  
the skeptics convention in Las Vegas and

127  
00:07:04,580 --> 00:07:00,659  
I can tell you there's a big difference

128  
00:07:07,010 --> 00:07:04,590  
in the attendees of both conferences hi

129  
00:07:08,360 --> 00:07:07,020  
i can imagine you're absolutely right do

130  
00:07:10,490 --> 00:07:08,370  
you have plans to come back to the

131  
00:07:11,930 --> 00:07:10,500  
amazing meeting maybe this year I I you

132  
00:07:14,800 --> 00:07:11,940  
know what I'm definitely coming back

133  
00:07:17,059 --> 00:07:14,810  
this year I I met a lot of great people

134  
00:07:18,980 --> 00:07:17,069  
interviewed a lot of great people I

135  
00:07:23,870 --> 00:07:18,990  
spent a lot of time spent some time with

136  
00:07:26,180 --> 00:07:23,880  
adam savage from mythbusters that show

137  
00:07:29,360 --> 00:07:26,190  
for discovery that he has and it was

138  
00:07:31,490 --> 00:07:29,370

very popular in Australia ok and Adams a

139

00:07:33,529 --> 00:07:31,500

great guy we've had a lot of laughs and

140

00:07:35,090 --> 00:07:33,539

we you know he's actually in the movie

141

00:07:37,580 --> 00:07:35,100

but not the actual movie

142

00:07:39,500 --> 00:07:37,590

selfies in the the extras for the DVD

143

00:07:42,770 --> 00:07:39,510

and he's also at the end and roll

144

00:07:44,990 --> 00:07:42,780

credits fantastic yes I have the

145

00:07:49,190 --> 00:07:45,000

pleasure of knowing Adam Savage myself i

146

00:07:51,890 --> 00:07:49,200

visited the Mythbusters location one day

147

00:07:54,290 --> 00:07:51,900

and he was charming absolutely charming

148

00:07:57,440 --> 00:07:54,300

man and I love to catch up with him at

149

00:07:58,880 --> 00:07:57,450

these great conventions so I look

150

00:08:00,710 --> 00:07:58,890

forward to catching up with you in

151  
00:08:03,380 --> 00:08:00,720  
person then later on this year the

152  
00:08:05,750 --> 00:08:03,390  
amazing meeting nine in Las Vegas I want

153  
00:08:08,480 --> 00:08:05,760  
to ask you a question here about what

154  
00:08:10,790 --> 00:08:08,490  
I've seen about the movie it says or

155  
00:08:13,310 --> 00:08:10,800  
your philosophy was to take this

156  
00:08:15,530 --> 00:08:13,320  
fantastic guy you found Leroy and we'll

157  
00:08:19,370 --> 00:08:15,540  
get to Leroy at a moment travel around

158  
00:08:21,950 --> 00:08:19,380  
America and you set out to really debunk

159  
00:08:24,020 --> 00:08:21,960  
all the craziness going out there which

160  
00:08:26,180 --> 00:08:24,030  
I must say is a little different to what

161  
00:08:28,910 --> 00:08:26,190  
the classical skeptical outlook is which

162  
00:08:31,760 --> 00:08:28,920  
is to really investigate did you did you

163  
00:08:34,580 --> 00:08:31,770

set up specifically to debunk or were

164

00:08:36,529 --> 00:08:34,590

you happy to investigate no you know we

165

00:08:38,990 --> 00:08:36,539

went out and I went out with no

166

00:08:42,380 --> 00:08:39,000

preconceived notions on you know I know

167

00:08:44,870 --> 00:08:42,390

I i have disbelief that aliens are

168

00:08:47,270 --> 00:08:44,880

visiting our plan on any level right now

169

00:08:50,030 --> 00:08:47,280

whether it be a different dimension nori

170

00:08:52,670 --> 00:08:50,040

I I just feel that to say that there's

171

00:08:55,610 --> 00:08:52,680

not life out there and this best you

172

00:08:57,620 --> 00:08:55,620

know these universes a that's insane of

173

00:08:59,270 --> 00:08:57,630

course there's probably you know to say

174

00:09:02,510 --> 00:08:59,280

that were the only ones is just an

175

00:09:05,720 --> 00:09:02,520

egotistical thought to me but for

176

00:09:07,100 --> 00:09:05,730

Leroy's sake after I met this man I said

177

00:09:09,320 --> 00:09:07,110

you know what I'm not going to throw

178

00:09:11,330 --> 00:09:09,330

anything at him right now I did not go

179

00:09:13,460 --> 00:09:11,340

at him like a bill maher religulous

180

00:09:16,160 --> 00:09:13,470

where he just tells you you're wrong I

181

00:09:17,630 --> 00:09:16,170

you know I said let's go find out if

182

00:09:19,820 --> 00:09:17,640

this is real I said how many people

183

00:09:21,830 --> 00:09:19,830

really spent you know a few hundred

184

00:09:23,120 --> 00:09:21,840

thousand dollars which you know we spend

185

00:09:24,770 --> 00:09:23,130

a half a million dollars trying to

186

00:09:27,590 --> 00:09:24,780

figure out if this stuff was real Wow

187

00:09:29,720 --> 00:09:27,600

and so I said let's go do it and and

188

00:09:32,120 --> 00:09:29,730

that was how we got the idea and that

189

00:09:36,350 --> 00:09:32,130

was that was my mindset you know to go

190

00:09:38,840 --> 00:09:36,360

into this that's that's exactly the sort

191

00:09:40,600 --> 00:09:38,850

of outlook I would certainly do if I was

192

00:09:43,640 --> 00:09:40,610

to do a similar sort of project and you

193

00:09:45,350 --> 00:09:43,650

it's a classic case of Oh somebody's

194

00:09:46,579 --> 00:09:45,360

come up with this idea why didn't i

195

00:09:47,639 --> 00:09:46,589

think of it because i think it's a great

196

00:09:49,350 --> 00:09:47,649

idea

197

00:09:51,480 --> 00:09:49,360

let's talk a little bit about Leroy to

198

00:09:53,220 --> 00:09:51,490

Cena this fantastic guy you travel

199

00:09:56,280 --> 00:09:53,230

around with how on earth did you find

200

00:09:59,359 --> 00:09:56,290

him you know Leroy actually delivered

201  
00:10:02,670 --> 00:09:59,369  
food he delivered pizza to my house and

202  
00:10:04,049 --> 00:10:02,680  
the day the evening he came the bill

203  
00:10:05,309 --> 00:10:04,059  
came to eighty eight dollars and eighty

204  
00:10:07,679 --> 00:10:05,319  
eight cents now we were having a

205  
00:10:10,259 --> 00:10:07,689  
production meeting for another project

206  
00:10:12,449 --> 00:10:10,269  
that we have when we Roy came in he

207  
00:10:14,369 --> 00:10:12,459  
started telling me that you know started

208  
00:10:15,720 --> 00:10:14,379  
talking about numerology and because my

209  
00:10:17,129 --> 00:10:15,730  
bill was eighty eight dollars and eighty

210  
00:10:18,989 --> 00:10:17,139  
eight cents i'm going to have triple

211  
00:10:20,970 --> 00:10:18,999  
wealth and prosperity and he was going

212  
00:10:23,069 --> 00:10:20,980  
on and on and i normally don't chat with

213  
00:10:26,340 --> 00:10:23,079

delivery food delivery guys that often

214

00:10:31,350 --> 00:10:26,350

but you know here is a 68 year old man

215

00:10:33,540 --> 00:10:31,360

at the time and i'm saying to him why in

216

00:10:36,359 --> 00:10:33,550

my own mind and i did say to him why are

217

00:10:38,669 --> 00:10:36,369

you still having to deliver food and you

218

00:10:41,369 --> 00:10:38,679

know that conversation in about 20

219

00:10:43,230 --> 00:10:41,379

minutes um which you know by the way i'm

220

00:10:46,650 --> 00:10:43,240

not sure if he probably should have been

221

00:10:49,169 --> 00:10:46,660

fired for staying so long you know it

222

00:10:51,900 --> 00:10:49,179

got onto the subject of aliens and i

223

00:10:54,480 --> 00:10:51,910

instantly knew that this was kind of my

224

00:10:56,639 --> 00:10:54,490

guy you know this was i always wanted to

225

00:10:58,710 --> 00:10:56,649

do a movie about a couple of things that

226

00:10:59,999 --> 00:10:58,720

I found a little ridiculous and some of

227

00:11:04,379 --> 00:11:00,009

them are a little bit in the abstract

228

00:11:07,650 --> 00:11:04,389

art world and and we ended up when I met

229

00:11:09,269 --> 00:11:07,660

Leroy it was a perfect fit and I asked

230

00:11:11,160 --> 00:11:09,279

him if he wanted to go on a journey and

231

00:11:14,090 --> 00:11:11,170

he said as long as it pays and as long

232

00:11:16,710 --> 00:11:14,100

as it's legal and I said alright three

233

00:11:18,360 --> 00:11:16,720

that's that's that's fascinating so you

234

00:11:19,860 --> 00:11:18,370

really did meet this guy who was

235

00:11:22,019 --> 00:11:19,870

delivering pizzas and the bill was

236

00:11:24,059 --> 00:11:22,029

really eighty eight dollars in 88 cents

237

00:11:26,579 --> 00:11:24,069

that's great you don't we have the bill

238

00:11:27,989 --> 00:11:26,589

too it's you know we're going to put

239

00:11:30,329 --> 00:11:27,999

that out on the internet for everybody

240

00:11:33,539 --> 00:11:30,339

to see it's just an amazing story and

241

00:11:35,369 --> 00:11:33,549

he's a he's just a real in so he's a

242

00:11:37,919 --> 00:11:35,379

real guy you know and another thing to

243

00:11:40,169 --> 00:11:37,929

there's been a lot of fake documentaries

244

00:11:42,960 --> 00:11:40,179

out there lately like the the joaquin

245

00:11:45,509 --> 00:11:42,970

phoenix and you know Leroy is very much

246

00:11:46,889 --> 00:11:45,519

a real guy and these these people that

247

00:11:49,470 --> 00:11:46,899

we interviewed were very much real

248

00:11:51,650 --> 00:11:49,480

people and it's so shocking throughout

249

00:11:54,090 --> 00:11:51,660

the movie that people just have to say

250

00:11:55,530 --> 00:11:54,100

could this be real could we really

251

00:11:57,230 --> 00:11:55,540

really be a real guy that believes us

252

00:12:00,960 --> 00:11:57,240

and are these people real you know it's

253

00:12:03,749 --> 00:12:00,970

it's an amazing story now

254

00:12:06,480 --> 00:12:03,759

me I found in the in the very few clips

255

00:12:10,439 --> 00:12:06,490

the clips out their wedding the appetite

256

00:12:12,090 --> 00:12:10,449

oh I saw that Leroy was in a strange way

257

00:12:14,160 --> 00:12:12,100

quite down-to-earth he's very sincere

258

00:12:15,840 --> 00:12:14,170

which brings me to the question when you

259

00:12:19,559 --> 00:12:15,850

were travelling around meeting all these

260

00:12:22,350 --> 00:12:19,569

people like the human-alien hybrid the

261

00:12:23,639 --> 00:12:22,360

psychics and all these other people how

262

00:12:25,170 --> 00:12:23,649

did you find them did you get the

263

00:12:29,100 --> 00:12:25,180

impression that most of these people

264

00:12:30,900 --> 00:12:29,110

were let's say sincere if deluded or do

265

00:12:35,809 --> 00:12:30,910

you think some of them were actually out

266

00:12:39,150 --> 00:12:35,819

for a quick buck you know I I'm not I i

267

00:12:42,629 --> 00:12:39,160

I'm torn between that you know that that

268

00:12:44,189 --> 00:12:42,639

question some of them yes others really

269

00:12:47,009 --> 00:12:44,199

believe this and you know a lot of

270

00:12:50,040 --> 00:12:47,019

people even think that you know some of

271

00:12:53,369 --> 00:12:50,050

these people are you know that they're

272

00:12:54,480 --> 00:12:53,379

there I guess what we call me no special

273

00:12:56,100 --> 00:12:54,490

people that they have learning

274

00:12:58,470 --> 00:12:56,110

disabilities or something because they

275

00:13:00,840 --> 00:12:58,480

believe that aliens are here well you

276

00:13:02,670 --> 00:13:00,850

know that's to me that's a it's a bad

277

00:13:03,749 --> 00:13:02,680

finger to point at people because you

278

00:13:05,400 --> 00:13:03,759

could turn around and say that to

279

00:13:07,559 --> 00:13:05,410

Christians or anyone that believes in

280

00:13:09,299 --> 00:13:07,569

religion because you know just because

281

00:13:11,939 --> 00:13:09,309

they believe in aliens and then now

282

00:13:14,129 --> 00:13:11,949

you're believing in you know in God you

283

00:13:16,740 --> 00:13:14,139

know is everybody have learning

284

00:13:19,110 --> 00:13:16,750

disabilities so I I don't believe i

285

00:13:21,269 --> 00:13:19,120

believe it some of these people just you

286

00:13:24,990 --> 00:13:21,279

know and and they were very genuine

287

00:13:27,269 --> 00:13:25,000

about it and we found them not by hours

288

00:13:29,189 --> 00:13:27,279

and hours of research we just typed in

289

00:13:33,210 --> 00:13:29,199

on the internet and we started they

290

00:13:36,329 --> 00:13:33,220

popped up everywhere and the seriousness

291

00:13:38,970 --> 00:13:36,339

of this is that some of these people are

292

00:13:40,769 --> 00:13:38,980

in financial ruin because of their

293

00:13:42,990 --> 00:13:40,779

beliefs which was happening to Leroy

294

00:13:44,999 --> 00:13:43,000

which is what you we did not know to

295

00:13:46,710 --> 00:13:45,009

what extent until halfway through the

296

00:13:49,980 --> 00:13:46,720

movie which makes it just a more

297

00:13:51,059 --> 00:13:49,990

compelling story I can sympathize where

298

00:13:53,639 --> 00:13:51,069

you're coming from there because

299

00:13:55,499 --> 00:13:53,649

especially with personally my

300

00:13:57,600 --> 00:13:55,509

investigations over many years and two

301  
00:14:00,299 --> 00:13:57,610  
people who claim to have special powers

302  
00:14:03,749 --> 00:14:00,309  
or whatever the case you know sometimes

303  
00:14:05,970 --> 00:14:03,759  
I cannot tell whether they're sincere or

304  
00:14:08,460 --> 00:14:05,980  
they're not sincere it's it's can be a

305  
00:14:09,960 --> 00:14:08,470  
very very fine fine line but you must

306  
00:14:11,429 --> 00:14:09,970  
have met a whole range of these sort of

307  
00:14:14,110 --> 00:14:11,439  
people but one of the clips that caught

308  
00:14:16,000 --> 00:14:14,120  
my eye from the trailer

309  
00:14:18,430 --> 00:14:16,010  
you pulled a stunt and I'd like to talk

310  
00:14:20,860 --> 00:14:18,440  
a little bit about how often you pulled

311  
00:14:23,320 --> 00:14:20,870  
pranks and stunts as opposed to just

312  
00:14:27,450 --> 00:14:23,330  
chatting to people a very funny stunt

313  
00:14:32,320 --> 00:14:27,460

where you had a crop circle made up sure

314

00:14:35,710 --> 00:14:32,330

you know as a filmmaker and you know the

315

00:14:37,180 --> 00:14:35,720

the i have ai ai ai ai dab in the

316

00:14:39,100 --> 00:14:37,190

business side of it more than most

317

00:14:41,019 --> 00:14:39,110

people was this let's just say that I

318

00:14:42,700 --> 00:14:41,029

love the art of it but I you know let's

319

00:14:45,640 --> 00:14:42,710

just face it if you're going to make a

320

00:14:48,100 --> 00:14:45,650

movie that doesn't make any money you're

321

00:14:49,690 --> 00:14:48,110

not going to make any of them yeah and I

322

00:14:50,800 --> 00:14:49,700

don't think that there's a lot of people

323

00:14:53,290 --> 00:14:50,810

that know what they're doing when it

324

00:14:55,690 --> 00:14:53,300

comes to that so one of the things about

325

00:14:59,019 --> 00:14:55,700

calling it god bless america was also

326

00:15:00,670 --> 00:14:59,029

almost everyone has in this in this

327

00:15:02,769 --> 00:15:00,680

country for sure has said that term at

328

00:15:05,130 --> 00:15:02,779

one point or another now every time they

329

00:15:07,090 --> 00:15:05,140

hear that they'll think of this movie so

330

00:15:08,920 --> 00:15:07,100

you know as long as they've seen

331

00:15:11,740 --> 00:15:08,930

something about it or heard about it and

332

00:15:15,220 --> 00:15:11,750

so that that was a was a business side

333

00:15:17,910 --> 00:15:15,230

out the rest of the movie itself I knew

334

00:15:21,280 --> 00:15:17,920

I couldn't make just a your standard

335

00:15:22,690 --> 00:15:21,290

skeptic movie that that you know maybe

336

00:15:25,240 --> 00:15:22,700

that I've seen in the past which I've

337

00:15:28,120 --> 00:15:25,250

seen some videos with just question and

338

00:15:29,890 --> 00:15:28,130

answering interviews because people some

339

00:15:32,380 --> 00:15:29,900

point you know only the diehards will

340

00:15:34,630 --> 00:15:32,390

stay with you at that point um you're

341

00:15:36,460 --> 00:15:34,640

not going to get the people who just you

342

00:15:37,690 --> 00:15:36,470

know are interested in knowing but they

343

00:15:39,960 --> 00:15:37,700

don't want to take the time to really

344

00:15:43,269 --> 00:15:39,970

listen to an intellectual conversation

345

00:15:45,820 --> 00:15:43,279

yeah so I had to keep this at the same

346

00:15:47,920 --> 00:15:45,830

time funny and and after hearing these

347

00:15:50,230 --> 00:15:47,930

people we didn't have a lot of these

348

00:15:52,570 --> 00:15:50,240

stunts pre-planned we said you know I I

349

00:15:55,090 --> 00:15:52,580

mean I basically had lost my cool at

350

00:15:58,690 --> 00:15:55,100

that point I said listen let's have fun

351

00:16:00,190 --> 00:15:58,700

with this so with the alien we found we

352

00:16:02,740 --> 00:16:00,200

put out an ad we said ok we're looking

353

00:16:05,050 --> 00:16:02,750

for crop circle experts few people

354

00:16:06,550 --> 00:16:05,060

answer they add we then made one of the

355

00:16:08,560 --> 00:16:06,560

largest crop circles over in North

356

00:16:10,960 --> 00:16:08,570

America in the middle of the night in

357

00:16:14,050 --> 00:16:10,970

four hours and we found that guy from

358

00:16:15,699 --> 00:16:14,060

craigslist on the internet and we paid

359

00:16:18,340 --> 00:16:15,709

him a hundred bucks and he helps us make

360

00:16:22,690 --> 00:16:18,350

this huge middle finger crops to grow

361

00:16:26,110 --> 00:16:22,700

yes flipping off the sky and so you know

362

00:16:28,060 --> 00:16:26,120

obviously when when our expert got to

363

00:16:30,610 --> 00:16:28,070

the crop circle he starts to

364

00:16:32,950 --> 00:16:30,620

you know the his readings you know which

365

00:16:34,780 --> 00:16:32,960

they have I guess their magnetic readers

366

00:16:37,420 --> 00:16:34,790

it was about 10 different ones that they

367

00:16:39,040 --> 00:16:37,430

use my way humans could that's what I

368

00:16:41,980 --> 00:16:39,050

did all night I thought I used to think

369

00:16:44,410 --> 00:16:41,990

cousin ideation did that yes I believe

370

00:16:47,200 --> 00:16:44,420

it did I'm certain this is the real deal

371

00:16:49,720 --> 00:16:47,210

well he was actually using scientific

372

00:16:51,700 --> 00:16:49,730

looking equipment well he was and you

373

00:16:54,100 --> 00:16:51,710

know it what it does is it it measures

374

00:16:56,530 --> 00:16:54,110

the electromagnetic field of the circle

375

00:16:58,900 --> 00:16:56,540

itself and if it picks up a reading then

376

00:17:02,080 --> 00:16:58,910

obviously it was a UFO well that's

377

00:17:04,510 --> 00:17:02,090

ludicrous because when we're stepping on

378

00:17:08,860 --> 00:17:04,520

this corn and we're you know with our

379

00:17:10,300 --> 00:17:08,870

with our wood and on ropes the corn is

380

00:17:12,189 --> 00:17:10,310

hitting each other and it's creating

381

00:17:15,250 --> 00:17:12,199

friction which is creating a magnetic

382

00:17:16,840 --> 00:17:15,260

field so anybody any of them is going to

383

00:17:18,610 --> 00:17:16,850

have it you walking around in the high

384

00:17:22,569 --> 00:17:18,620

grass for a while it's going to make the

385

00:17:24,910 --> 00:17:22,579

same reading so you know just unfounded

386

00:17:26,439 --> 00:17:24,920

evidence the guy is reaction as you can

387

00:17:29,500 --> 00:17:26,449

see on the internet if you just Google

388

00:17:31,810 --> 00:17:29,510

god bless america gawwd you'll see his

389

00:17:33,940 --> 00:17:31,820

reaction okay well talk to the cockatiel

390

00:17:36,610 --> 00:17:33,950

right now the best part what do you

391

00:17:38,440 --> 00:17:36,620

think thinking right about now I don't

392

00:17:41,140 --> 00:17:38,450

know I think it'd be pretty surprised at

393

00:17:47,530 --> 00:17:41,150

the very least I think surprised as his

394

00:17:49,510 --> 00:17:47,540

reaction now we did those kind of stunts

395

00:17:51,940 --> 00:17:49,520

about three or four times through the

396

00:17:55,240 --> 00:17:51,950

movie and one of them we did to save

397

00:17:57,760 --> 00:17:55,250

Leroy's home not full people but to

398

00:17:59,860 --> 00:17:57,770

prove a point and it was a it's a great

399

00:18:03,070 --> 00:17:59,870

great ending now something that really

400

00:18:04,720 --> 00:18:03,080

caught my attention about the making of

401

00:18:07,630 --> 00:18:04,730

this movie I think you went one stage

402

00:18:09,070 --> 00:18:07,640

you were chased by Nazis and you've been

403

00:18:13,380 --> 00:18:09,080

threatened to be sued and you're even

404

00:18:15,550 --> 00:18:13,390

shot at all this that's correct and

405

00:18:16,750 --> 00:18:15,560

you'll see you'll see all of those

406

00:18:19,030 --> 00:18:16,760

things and we're not quite sure if

407

00:18:21,250 --> 00:18:19,040

you'll see the the part where we were

408

00:18:24,610 --> 00:18:21,260

shot at because that's an ongoing kind

409

00:18:26,350 --> 00:18:24,620

of thing voila we'll leave it at that it

410

00:18:28,840 --> 00:18:26,360

definitely makes for a good movie though

411

00:18:30,280 --> 00:18:28,850

I bet it has an ally some of my

412

00:18:32,320 --> 00:18:30,290

listeners might know I've made the odd

413

00:18:34,810 --> 00:18:32,330

documentary here in Australia myself

414

00:18:36,970 --> 00:18:34,820

over beers but I have never been shot

415

00:18:39,640 --> 00:18:36,980

out and I've never been chased by Nazis

416

00:18:41,860 --> 00:18:39,650

so you've got me on that one you know

417

00:18:43,870 --> 00:18:41,870

you never know what you're stepping into

418

00:18:48,850 --> 00:18:43,880

and that's another thing too when people

419

00:18:50,020 --> 00:18:48,860

really when they're that I guess what's

420

00:18:53,440 --> 00:18:50,030

the word I'm looking for when that

421

00:18:55,450 --> 00:18:53,450

passionate about their beliefs some of

422

00:18:57,400 --> 00:18:55,460

them don't take too kindly for when you

423

00:19:00,100 --> 00:18:57,410

ask a question and you know even though

424

00:19:02,860 --> 00:19:00,110

it is a question and it for me to in my

425

00:19:04,720 --> 00:19:02,870

mind if they blow up that easy then

426  
00:19:06,100 --> 00:19:04,730  
they're obviously have some doubt and

427  
00:19:08,530 --> 00:19:06,110  
they don't like anybody else bring it

428  
00:19:10,720 --> 00:19:08,540  
down on to them this is exactly the

429  
00:19:12,940 --> 00:19:10,730  
experience that other skeptics around

430  
00:19:14,919 --> 00:19:12,950  
the will defend and I include myself in

431  
00:19:18,220 --> 00:19:14,929  
that when you start to question people's

432  
00:19:20,350 --> 00:19:18,230  
beliefs a lot of them can get very angry

433  
00:19:22,560 --> 00:19:20,360  
very quickly and you always left

434  
00:19:25,060 --> 00:19:22,570  
wondering or why are they so defensive

435  
00:19:28,060 --> 00:19:25,070  
it's a very interesting angle now the

436  
00:19:30,580 --> 00:19:28,070  
movie is called Grodd or however you

437  
00:19:32,710 --> 00:19:30,590  
pronounce it god bless america it's a

438  
00:19:34,330 --> 00:19:32,720

good release date of the fourth of march

439

00:19:37,270 --> 00:19:34,340

in the United States it's a 90-minute

440

00:19:39,070 --> 00:19:37,280

documentary and we're looking forward

441

00:19:40,660 --> 00:19:39,080

and I really don't know and I wonder if

442

00:19:42,720 --> 00:19:40,670

you know if there's any plans to have it

443

00:19:45,970 --> 00:19:42,730

shown internationally it is in fact

444

00:19:49,000 --> 00:19:45,980

Australia is is that's our first foreign

445

00:19:50,919 --> 00:19:49,010

market so that's the guy riding yeah we

446

00:19:52,870 --> 00:19:50,929

will be making the announcement very

447

00:19:55,030 --> 00:19:52,880

soon for that one as well but that is a

448

00:19:56,950 --> 00:19:55,040

place we're going if you come if you

449

00:19:58,930 --> 00:19:56,960

come over here for the gala premiere

450

00:20:01,720 --> 00:19:58,940

I'll be there to cover for sure for the

451  
00:20:03,490 --> 00:20:01,730  
skeptical zone but for the moment Blake

452  
00:20:06,100 --> 00:20:03,500  
Freeman were all looking forward to the

453  
00:20:09,090 --> 00:20:06,110  
movie and for more information people

454  
00:20:12,549 --> 00:20:09,100  
can visit the this website at Facebook

455  
00:20:15,970 --> 00:20:12,559  
absolutely just just search god Bless

456  
00:20:17,530 --> 00:20:15,980  
America gawwd Bless America and it'll

457  
00:20:19,330 --> 00:20:17,540  
take you right to it and I really

458  
00:20:21,160 --> 00:20:19,340  
appreciate your time Richard not a

459  
00:20:23,919 --> 00:20:21,170  
problem like look forward to catching up

460  
00:20:37,450 --> 00:20:23,929  
with you at tam 9 yeah we'll see you

461  
00:20:44,120 --> 00:20:40,160  
rational capital the podcast for science

462  
00:20:45,620 --> 00:20:44,130  
and skepticism in and about Canberra say

463  
00:20:52,700 --> 00:20:45,630

it like you mean it there's nothing

464

00:21:00,160 --> 00:20:52,710

magical miraculous about that find out

465

00:21:07,850 --> 00:21:04,850

here's main art spooky action at a

466

00:21:14,430 --> 00:21:12,240

I'm just at the CSIRO in Mayfield West

467

00:21:16,500 --> 00:21:14,440

here and I was told I was to see a new

468

00:21:18,930 --> 00:21:16,510

development in energy I expected to see

469

00:21:20,700 --> 00:21:18,940

a golf ball sized piece of material that

470

00:21:22,410 --> 00:21:20,710

could live inside being shot at a whole

471

00:21:24,180 --> 00:21:22,420

bunch of lasers that could run Newcastle

472

00:21:26,130 --> 00:21:24,190

for three years that's not that I

473

00:21:27,390 --> 00:21:26,140

thought there might be some photovoltaic

474

00:21:29,040 --> 00:21:27,400

cells that we're here and all these

475

00:21:31,170 --> 00:21:29,050

panels will be twisting around in the

476

00:21:33,630 --> 00:21:31,180

wind now I can see what looks like an

477

00:21:35,100 --> 00:21:33,640

abandoned drive-in movie theater with a

478

00:21:37,140 --> 00:21:35,110

big tower in front of it butts not big

479

00:21:38,880 --> 00:21:37,150

enough for a screen all these things are

480

00:21:41,250 --> 00:21:38,890

wrong who am I talking to and why am I

481

00:21:43,320 --> 00:21:41,260

so wrong when y x robbie McNorton on one

482

00:21:44,640 --> 00:21:43,330

of the engineers here at CSIRO good so

483

00:21:46,770 --> 00:21:44,650

you know what's actually going on here

484

00:21:48,120 --> 00:21:46,780

so where's the golf ball sized material

485

00:21:49,950 --> 00:21:48,130

that's supposed to be running the city

486

00:21:51,240 --> 00:21:49,960

for three years I expected well we're

487

00:21:52,830 --> 00:21:51,250

not actually working on that we're

488

00:21:54,780 --> 00:21:52,840

working on concentrating the solar

489

00:21:56,520 --> 00:21:54,790

energy into heat that sounds like a

490

00:21:58,500 --> 00:21:56,530

really sensible thing because we've got

491

00:22:00,780 --> 00:21:58,510

lots of Sun in Australia and lots of

492

00:22:02,610 --> 00:22:00,790

land that's right and it's very similar

493

00:22:05,340 --> 00:22:02,620

to when you're a little kid news to use

494

00:22:07,050 --> 00:22:05,350

magnifying glass to burn things this is

495

00:22:08,400 --> 00:22:07,060

exactly the same concept except we're

496

00:22:09,870 --> 00:22:08,410

not burnt we're not going to burn

497

00:22:12,000 --> 00:22:09,880

anything we're just going to heat things

498

00:22:13,500 --> 00:22:12,010

up I just stick coco pops up my nose

499

00:22:15,390 --> 00:22:13,510

when I was a kid as an energy source in

500

00:22:18,360 --> 00:22:15,400

that well you could try i guess if that

501  
00:22:20,310 --> 00:22:18,370  
does leave it a terminal velocity just a

502  
00:22:21,990 --> 00:22:20,320  
matter of capturing it really so it's an

503  
00:22:25,050 --> 00:22:22,000  
amazing area in front of us here it's

504  
00:22:26,730 --> 00:22:25,060  
got lots of little drive-in speakers in

505  
00:22:29,280 --> 00:22:26,740  
front of a tower now what is the actual

506  
00:22:30,480 --> 00:22:29,290  
stats on this so people can can figure

507  
00:22:31,350 --> 00:22:30,490  
out how big it is because you're not

508  
00:22:33,780 --> 00:22:31,360  
going to be able to fit this in your

509  
00:22:35,790 --> 00:22:33,790  
backyard unless you don't want a dog

510  
00:22:37,290 --> 00:22:35,800  
anywhere to play no that's right so what

511  
00:22:39,300 --> 00:22:37,300  
you end up with is four and a half

512  
00:22:41,520 --> 00:22:39,310  
thousand square meters of mirrors and

513  
00:22:43,800 --> 00:22:41,530

they'll all focus up onto this 30 meter

514

00:22:46,770 --> 00:22:43,810

high tower where we'll fit our receiver

515

00:22:48,300 --> 00:22:46,780

and our turbine this particular site

516

00:22:50,550 --> 00:22:48,310

will be finished hopefully in January

517

00:22:52,440 --> 00:22:50,560

and we'll start the initial testing

518

00:22:54,240 --> 00:22:52,450

basically in February straight after

519

00:22:56,220 --> 00:22:54,250

that and what's the price tag on this I

520

00:22:57,870 --> 00:22:56,230

know this is a one-off being built for

521

00:22:59,700 --> 00:22:57,880

experimentation but how much as it was

522

00:23:02,070 --> 00:22:59,710

ok so this projects funded by the

523

00:23:03,450 --> 00:23:02,080

Australian solar Institute as part of

524

00:23:05,280 --> 00:23:03,460

their initial funding in their

525

00:23:07,290 --> 00:23:05,290

foundation projects and it was a 5

526  
00:23:08,850 --> 00:23:07,300  
million dollar project once we're

527  
00:23:11,220 --> 00:23:08,860  
complete which will happen early in the

528  
00:23:13,470 --> 00:23:11,230  
new year we will fit each of these

529  
00:23:15,420 --> 00:23:13,480  
little posts with mirrors on them with a

530  
00:23:17,669 --> 00:23:15,430  
very very small amount of curvature on

531  
00:23:19,500 --> 00:23:17,679  
so they focus the Sun into a very small

532  
00:23:21,330 --> 00:23:19,510  
spot and each of these will be

533  
00:23:22,920 --> 00:23:21,340  
individually controlled so

534  
00:23:24,750 --> 00:23:22,930  
that they all focus on to a single point

535  
00:23:26,610 --> 00:23:24,760  
on at the top of the tower and that's

536  
00:23:29,130 --> 00:23:26,620  
where we'll collect the solar energy so

537  
00:23:31,080 --> 00:23:29,140  
what happens is we use a compressor to

538  
00:23:33,960 --> 00:23:31,090

force the air through our solar receiver

539

00:23:36,390 --> 00:23:33,970

there it will heat up to almost a

540

00:23:38,550 --> 00:23:36,400

thousand degrees and once it's at at

541

00:23:40,080 --> 00:23:38,560

that temperature it expands so that we

542

00:23:41,760 --> 00:23:40,090

can put it through a turbine and make

543

00:23:44,430 --> 00:23:41,770

the turbine spin which we connect a

544

00:23:45,690 --> 00:23:44,440

generator to and how much power can you

545

00:23:48,330 --> 00:23:45,700

expect to get out of an operation this

546

00:23:50,580 --> 00:23:48,340

size we expect to get somewhere close to

547

00:23:52,080 --> 00:23:50,590

200 kilowatts of electricity and how

548

00:23:53,400 --> 00:23:52,090

does that translate is compared to what

549

00:23:55,830 --> 00:23:53,410

we'd normally know from a coal-fired

550

00:23:58,530 --> 00:23:55,840

power station so one of the coal-fired

551  
00:24:00,420 --> 00:23:58,540  
power stations in the Hunter Valley at

552  
00:24:02,160 --> 00:24:00,430  
the moment may run into hundreds of

553  
00:24:05,040 --> 00:24:02,170  
megawatts but this type of technology

554  
00:24:06,410 --> 00:24:05,050  
this is the largest demonstration of the

555  
00:24:09,060 --> 00:24:06,420  
technology in the world at the moment

556  
00:24:11,130 --> 00:24:09,070  
but certainly it's scalable up into the

557  
00:24:13,830 --> 00:24:11,140  
tens of mega Watson and maybe even 100

558  
00:24:15,750 --> 00:24:13,840  
kilowatts has the potential to be

559  
00:24:17,280 --> 00:24:15,760  
actually commercially viable in the

560  
00:24:18,900 --> 00:24:17,290  
right location ok this would be enough

561  
00:24:20,640 --> 00:24:18,910  
for a small town something that's right

562  
00:24:22,770 --> 00:24:20,650  
so maybe a couple of thousand people

563  
00:24:24,780 --> 00:24:22,780

this could support we're going to have

564

00:24:26,790 --> 00:24:24,790

the scaffolding there for probably about

565

00:24:29,220 --> 00:24:26,800

a month as we fit the tower out you

566

00:24:31,020 --> 00:24:29,230

don't trust the builders no well it's

567

00:24:34,080 --> 00:24:31,030

very important because eventually we're

568

00:24:35,040 --> 00:24:34,090

going to put a lift in there as well no

569

00:24:36,390 --> 00:24:35,050

when did you say they're going to fire

570

00:24:38,070 --> 00:24:36,400

this up for the first time and it it

571

00:24:40,080 --> 00:24:38,080

won't look like a transformers thing and

572

00:24:41,760 --> 00:24:40,090

beam won't go out gets little be fairly

573

00:24:42,870 --> 00:24:41,770

subtle in a far as I plant it no that's

574

00:24:44,220 --> 00:24:42,880

right you might actually see the light

575

00:24:46,530 --> 00:24:44,230

going up there but certainly where it

576

00:24:48,900 --> 00:24:46,540

hits at the receiver will be extremely

577

00:24:50,700 --> 00:24:48,910

extremely bright much like a welding

578

00:24:52,680 --> 00:24:50,710

flash so you actually need to make sure

579

00:24:55,230 --> 00:24:52,690

you've got the right sunglasses on to

580

00:24:57,030 --> 00:24:55,240

look at it so technically if there was

581

00:25:00,030 --> 00:24:57,040

someone in town who didn't like you

582

00:25:02,790 --> 00:25:00,040

could use this as a death ray not really

583

00:25:04,110 --> 00:25:02,800

because because each of these have focus

584

00:25:05,940 --> 00:25:04,120

points that's what I mean you can focus

585

00:25:07,230 --> 00:25:05,950

the big one at the top but it's someone

586

00:25:09,690 --> 00:25:07,240

in civic park that have pissed you off

587

00:25:11,400 --> 00:25:09,700

no but unfortunately the way this works

588

00:25:13,470 --> 00:25:11,410

that it actually dissipate by the time

589

00:25:15,930 --> 00:25:13,480

it got in there so relatively short

590

00:25:17,430 --> 00:25:15,940

focal lengths of 30 to 40 meters then

591

00:25:19,050 --> 00:25:17,440

thank you for changing men talking about

592

00:25:37,080 --> 00:25:19,060

this you have proven that science is

593

00:25:41,320 --> 00:25:39,430

astronomy cast it takes a fact space

594

00:25:43,210 --> 00:25:41,330

journey through the cosmos as it offers

595

00:25:45,910 --> 00:25:43,220

listeners weekly discussions on

596

00:25:48,820 --> 00:25:45,920

astronomical topics ranging from planets

597

00:25:51,130 --> 00:25:48,830

to cosmology hosted by Fraser Cain of

598

00:25:52,120 --> 00:25:51,140

Universe Today and myself dr. Pamela

599

00:25:54,790 --> 00:25:52,130

gave southern illinois university

600

00:25:56,680 --> 00:25:54,800

edwardsville this show brings the

601  
00:25:59,110 --> 00:25:56,690  
questions of an avid astronomy lover

602  
00:26:01,210 --> 00:25:59,120  
directly to an astronomer together

603  
00:26:02,740 --> 00:26:01,220  
Fraser and I explore what is known and

604  
00:26:05,500 --> 00:26:02,750  
being discovered about the universe

605  
00:26:07,570 --> 00:26:05,510  
around us join us each week as we take a

606  
00:26:18,220 --> 00:26:07,580  
fax space journey through the cosmos at

607  
00:26:21,910 --> 00:26:18,230  
astronomy cast calm and now he is Tracy

608  
00:26:25,710 --> 00:26:21,920  
Spicer on radio 2ue here in Sydney on

609  
00:26:28,720 --> 00:26:25,720  
the David Oldfield show discussing

610  
00:26:35,220 --> 00:26:28,730  
Merrill Dory and her latest allegation

611  
00:26:40,240 --> 00:26:38,020  
look I agonized long and hard David

612  
00:26:41,590 --> 00:26:40,250  
about bringing up this issue again only

613  
00:26:43,720 --> 00:26:41,600

because I don't want to give this woman

614

00:26:46,210 --> 00:26:43,730

any more publicity than she deserves

615

00:26:47,800 --> 00:26:46,220

about a month ago I took to task the

616

00:26:49,810 --> 00:26:47,810

head of the so-called Australian

617

00:26:51,310 --> 00:26:49,820

vaccination Network Merrill Dory now

618

00:26:54,700 --> 00:26:51,320

forget about the name of her website she

619

00:26:57,010 --> 00:26:54,710

is an anti waxa on her website she

620

00:26:58,990 --> 00:26:57,020

continues to publish dangerously wrong

621

00:27:01,270 --> 00:26:59,000

information about vaccinations blindly

622

00:27:02,890 --> 00:27:01,280

supporting dr. andrew wakefield who as

623

00:27:04,990 --> 00:27:02,900

you know was found finally by the

624

00:27:07,570 --> 00:27:05,000

British Medical Journal to not only have

625

00:27:10,300 --> 00:27:07,580

issued a tainted study erroneously

626  
00:27:12,460 --> 00:27:10,310  
linking the MMR vaccine with autism but

627  
00:27:15,610 --> 00:27:12,470  
to have conducted deliberate fraud he

628  
00:27:17,620 --> 00:27:15,620  
took 400,000 pounds from lawyers who

629  
00:27:19,450 --> 00:27:17,630  
were fighting the pharmaceutical

630  
00:27:21,730 --> 00:27:19,460  
companies around is so it's a bloody

631  
00:27:23,230 --> 00:27:21,740  
disgrace I hung up on merrill dory at

632  
00:27:24,940 --> 00:27:23,240  
the time because despite the

633  
00:27:27,520 --> 00:27:24,950  
overwhelming body of evidence against

634  
00:27:29,500 --> 00:27:27,530  
that link she continues to perpetrate

635  
00:27:32,110 --> 00:27:29,510  
these myths on her website and I didn't

636  
00:27:34,180 --> 00:27:32,120  
want to give her a free plug on tue that

637  
00:27:35,770 --> 00:27:34,190  
interview caused a sensation it made

638  
00:27:37,390 --> 00:27:35,780

news around the world I got hundreds of

639

00:27:39,910 --> 00:27:37,400

emails and phone calls from scientists

640

00:27:41,590 --> 00:27:39,920

and epidemiologists delighted this woman

641

00:27:43,810 --> 00:27:41,600

had finally been exposed when

642

00:27:45,430 --> 00:27:43,820

viral as they say it did yeah I learned

643

00:27:48,279 --> 00:27:45,440

what going viral means we're just kind

644

00:27:50,710 --> 00:27:48,289

of ironic but it seems that she hasn't

645

00:27:53,020 --> 00:27:50,720

learned her lesson David get this last

646

00:27:54,760 --> 00:27:53,030

month the family court ordered a sydney

647

00:27:56,799 --> 00:27:54,770

mother to immunize her five-year-old

648

00:27:58,690 --> 00:27:56,809

daughter now this was part of a custody

649

00:28:01,120 --> 00:27:58,700

dispute dad wanted his little girl

650

00:28:02,830 --> 00:28:01,130

immunized mum didn't the mother was

651  
00:28:05,020 --> 00:28:02,840  
criticised in the judgment for

652  
00:28:07,390 --> 00:28:05,030  
submitting evidence from an immunization

653  
00:28:09,010 --> 00:28:07,400  
skeptic guess who that was who made what

654  
00:28:11,799 --> 00:28:09,020  
the magistrate described as outlandish

655  
00:28:14,649 --> 00:28:11,809  
statements unsupported by any empirical

656  
00:28:17,909 --> 00:28:14,659  
evidence in response to this court case

657  
00:28:22,149 --> 00:28:17,919  
Meryl Dory wrote on her blog and i quote

658  
00:28:25,000 --> 00:28:22,159  
court orders rape of a child this is a

659  
00:28:27,610 --> 00:28:25,010  
salt without consent and with full

660  
00:28:29,260 --> 00:28:27,620  
penetration too can you believe that are

661  
00:28:30,159 --> 00:28:29,270  
the woman's a lunatic but we find a lot

662  
00:28:31,690 --> 00:28:30,169  
of this don't we I mean you will

663  
00:28:34,360 --> 00:28:31,700

remember you remember the couple that

664

00:28:37,810 --> 00:28:34,370

there whose child died because they only

665

00:28:40,600 --> 00:28:37,820

fed the child avocado I mean that there

666

00:28:42,430 --> 00:28:40,610

are so many a look if this offends

667

00:28:44,919 --> 00:28:42,440

anybody I'm not apologizing there are so

668

00:28:46,779 --> 00:28:44,929

many weirdos absolute weirdos out there

669

00:28:49,029 --> 00:28:46,789

and these sorts of things fall into that

670

00:28:51,250 --> 00:28:49,039

category this comment about the rape has

671

00:28:53,110 --> 00:28:51,260

created another storm on social

672

00:28:54,940 --> 00:28:53,120

networking sites Merrill dory quickly

673

00:28:56,169 --> 00:28:54,950

took the post down I have a copy of it

674

00:28:57,640 --> 00:28:56,179

here i'll be putting it on the to you a

675

00:29:00,039 --> 00:28:57,650

web site for those people who might be

676

00:29:01,180 --> 00:29:00,049

skeptical about all this imagine how

677

00:29:04,120 --> 00:29:01,190

this would make the parent of a child

678

00:29:05,860 --> 00:29:04,130

who was raped feel that's being sexually

679

00:29:08,649 --> 00:29:05,870

abused is like being jabbed with a tiny

680

00:29:10,840 --> 00:29:08,659

needle what do you think 13 13 32 or you

681

00:29:13,180 --> 00:29:10,850

can tweet me at at Spicer Tracy or get

682

00:29:16,060 --> 00:29:13,190

on to our website to you a calm day you

683

00:29:19,630 --> 00:29:16,070

peter is here hi Peter all right hey

684

00:29:21,909 --> 00:29:19,640

going but thanks I've been hauling Meryl

685

00:29:24,279 --> 00:29:21,919

Dory for many years in fact I've been

686

00:29:26,350 --> 00:29:24,289

subject to abuse by her and because I

687

00:29:29,169 --> 00:29:26,360

don't think like what she does I wasn't

688

00:29:30,909 --> 00:29:29,179

so surprised by the rape statement this

689

00:29:33,100 --> 00:29:30,919

is a person that when defending a person

690

00:29:35,620 --> 00:29:33,110

who killed a 10 week old baby use the

691

00:29:37,360 --> 00:29:35,630

expressions shaken baby syndrome because

692

00:29:42,490 --> 00:29:37,370

after all shaken baby syndrome is caused

693

00:29:43,870 --> 00:29:42,500

by vaccinations right I haven't read

694

00:29:46,210 --> 00:29:43,880

some of that stuff that misinformation

695

00:29:48,549 --> 00:29:46,220

out there about shaken baby syndrome

696

00:29:50,409 --> 00:29:48,559

it's extraordinary yep she also

697

00:29:52,840 --> 00:29:50,419

described Wizards with benign at one

698

00:29:54,190 --> 00:29:52,850

stage kill at that stage it was killing

699

00:29:55,040 --> 00:29:54,200

a thousand children that died around the

700

00:29:59,040 --> 00:29:55,050

world

701

00:30:00,630 --> 00:29:59,050

um it's just unbelievable so I wasn't

702

00:30:04,050 --> 00:30:00,640

very surprised but it's a typical action

703

00:30:05,520 --> 00:30:04,060

from anti-vaccination movement but they

704

00:30:06,990 --> 00:30:05,530

they really don't i don't think they

705

00:30:08,790 --> 00:30:07,000

care about the truth at all event

706

00:30:10,770 --> 00:30:08,800

information about measles being benign

707

00:30:14,790 --> 00:30:10,780

stayed on their website for a long long

708

00:30:17,430 --> 00:30:14,800

time I'm some sort of crazy statements

709

00:30:18,840 --> 00:30:17,440

as well it's consistent so when the

710

00:30:22,080 --> 00:30:18,850

right thing came out eyes of course I

711

00:30:25,320 --> 00:30:22,090

was a ball but it was a bit of a pattern

712

00:30:27,900 --> 00:30:25,330

it was and then the hooker so apology

713

00:30:29,490 --> 00:30:27,910

was not to apologize at all if I weekend

714

00:30:31,200 --> 00:30:29,500

it well we can take it that if she has

715

00:30:34,320 --> 00:30:31,210

nothing else she has consistency in her

716

00:30:36,210 --> 00:30:34,330

craziness oh yeah it's definitely invest

717

00:30:48,590 --> 00:30:36,220

but thanks because we think that is

718

00:30:53,370 --> 00:30:51,450

this is desiree shell a host of Canadian

719

00:31:00,320 --> 00:30:53,380

radio shows skeptically speaking in

720

00:31:09,529 --> 00:31:03,409

now it's time for dr. Rachel reports

721

00:31:12,860 --> 00:31:09,539

with dr. Rachel Dunlop hello listeners

722

00:31:14,750 --> 00:31:12,870

and welcome to dr. Rachel reports well

723

00:31:17,630 --> 00:31:14,760

apparently this week in Australia has

724

00:31:19,880 --> 00:31:17,640

been medicinewise week I didn't know

725

00:31:21,529 --> 00:31:19,890

about this until out of curiosity I went

726

00:31:23,210 --> 00:31:21,539

to a website which has been heavily

727

00:31:25,789 --> 00:31:23,220

advertised over the last week on

728

00:31:28,940 --> 00:31:25,799

Australian television it's called the

729

00:31:30,529 --> 00:31:28,950

NPS website why should I care what's in

730

00:31:32,539 --> 00:31:30,539

the medicines I take you care about

731

00:31:34,460 --> 00:31:32,549

what's in your cereal why should I even

732

00:31:36,980 --> 00:31:34,470

think about medicines happen enough

733

00:31:39,320 --> 00:31:36,990

things to think about like wearing on

734

00:31:41,299 --> 00:31:39,330

saturday night why don't I worry about

735

00:31:43,340 --> 00:31:41,309

what I put in on their medicine is

736

00:31:46,100 --> 00:31:43,350

something we all take the too often take

737

00:31:50,299 --> 00:31:46,110

for granted okay why don't we think

738

00:31:52,129 --> 00:31:50,309

about this stuff why good question ask

739

00:31:53,779 --> 00:31:52,139

the right questions she can make better

740

00:31:56,060 --> 00:31:53,789

decisions about your health be

741

00:31:57,860 --> 00:31:56,070

medicinewise find out how an NPS that

742

00:31:59,870 --> 00:31:57,870

all that are you I knew of this

743

00:32:02,330 --> 00:31:59,880

Australian government organization since

744

00:32:04,370 --> 00:32:02,340

I follow them on Twitter but only after

745

00:32:06,230 --> 00:32:04,380

visiting the website did I discover they

746

00:32:08,860 --> 00:32:06,240

provide information on medicines for

747

00:32:11,720 --> 00:32:08,870

consumers and health professionals alike

748

00:32:14,090 --> 00:32:11,730

plus they are behind medicinewise week

749

00:32:18,080 --> 00:32:14,100

from january thirtieth to february sixth

750

00:32:19,970 --> 00:32:18,090

2011 so in light of the world wide 1023

751  
00:32:22,549 --> 00:32:19,980  
campaign which was conducted all over

752  
00:32:23,950 --> 00:32:22,559  
the world this weekend just passed in

753  
00:32:26,810 --> 00:32:23,960  
fact every continent including

754  
00:32:29,029 --> 00:32:26,820  
Antarctica was represented and if you

755  
00:32:31,519 --> 00:32:29,039  
haven't seen Paul Willis's video from

756  
00:32:34,190 --> 00:32:31,529  
Antarctica i recommend you search for it

757  
00:32:35,960 --> 00:32:34,200  
it's very funny so I thought I would

758  
00:32:38,419 --> 00:32:35,970  
pose as a consumer and search for

759  
00:32:41,720 --> 00:32:38,429  
information about homeopathy on the NPS

760  
00:32:43,669 --> 00:32:41,730  
website like homeopathy itself what I

761  
00:32:46,370 --> 00:32:43,679  
turned up was minimal and not very

762  
00:32:48,409 --> 00:32:46,380  
useful I'll explain more about this a

763  
00:32:50,629 --> 00:32:48,419

bit later but first as I was surfing

764

00:32:53,419 --> 00:32:50,639

around the side I found a press release

765

00:32:56,480 --> 00:32:53,429

about a survey of Australians knowledge

766

00:32:58,730 --> 00:32:56,490

of medicines 1500 consumers were

767

00:33:00,500 --> 00:32:58,740

surveyed and the results reported that

768

00:33:02,269 --> 00:33:00,510

sixty-five percent had used a

769

00:33:04,700 --> 00:33:02,279

prescription medicine in the last three

770

00:33:07,220 --> 00:33:04,710

months sixty percent had used an

771

00:33:09,590 --> 00:33:07,230

over-the-counter medicine and forty-five

772

00:33:13,149 --> 00:33:09,600

percent had used an alternative or herb

773

00:33:16,269 --> 00:33:13,159

or medicine NPS clinical advisor dr.

774

00:33:18,249 --> 00:33:16,279

elster wassa said the first step to

775

00:33:21,190 --> 00:33:18,259

being medicinewise is knowing what is a

776

00:33:24,219 --> 00:33:21,200

medicine medicines include tablets

777

00:33:26,739 --> 00:33:24,229

vitamins herbs eyedrops creams and gels

778

00:33:28,960 --> 00:33:26,749

and medicines don't just come on

779

00:33:30,729 --> 00:33:28,970

prescriptions but include things brought

780

00:33:33,219 --> 00:33:30,739

in a pharmacy supermarket and other

781

00:33:36,249 --> 00:33:33,229

stores and from naturopaths and herb

782

00:33:38,669 --> 00:33:36,259

lists but thinking back to homeopathy

783

00:33:42,729 --> 00:33:38,679

here's where I began to get concerned

784

00:33:44,139 --> 00:33:42,739

the survey also said encouragingly when

785

00:33:45,849 --> 00:33:44,149

asked where they would go to find

786

00:33:48,310 --> 00:33:45,859

accurate information about medicines

787

00:33:51,039 --> 00:33:48,320

most respondents said a pharmacist

788

00:33:53,440 --> 00:33:51,049

sixty-four percent of people and/or a

789

00:33:55,419 --> 00:33:53,450

doctor sixty percent of people so

790

00:33:56,979 --> 00:33:55,429

sixty-four percent said they could get

791

00:33:59,649 --> 00:33:56,989

accurate information about their

792

00:34:01,330 --> 00:33:59,659

medicines from a pharmacist now I have

793

00:34:03,489 --> 00:34:01,340

no doubt that this is correct for most

794

00:34:06,310 --> 00:34:03,499

conventional or science based medicines

795

00:34:08,680 --> 00:34:06,320

but I have repeatedly asked pharmacists

796

00:34:10,450 --> 00:34:08,690

about homeopathy and only once was i

797

00:34:14,799 --> 00:34:10,460

given at an accurate description of what

798

00:34:17,200 --> 00:34:14,809

it is and what it does once and in a

799

00:34:19,180 --> 00:34:17,210

certain pharmacy in Newtown I have been

800

00:34:21,309 --> 00:34:19,190

not so politely shuffled to the door

801  
00:34:24,460 --> 00:34:21,319  
when asking too many questions of the

802  
00:34:26,950 --> 00:34:24,470  
shop assistants about homeopathy so

803  
00:34:29,649 --> 00:34:26,960  
sadly in my experience consumers cannot

804  
00:34:32,470 --> 00:34:29,659  
rely on pharmacists to accurately advise

805  
00:34:34,569 --> 00:34:32,480  
them about homeopathy so I expected a

806  
00:34:37,269 --> 00:34:34,579  
quick trip to the heavily promoted NPS

807  
00:34:39,399 --> 00:34:37,279  
website would do the trick but a search

808  
00:34:41,470 --> 00:34:39,409  
for homeopathy turns up one link to a

809  
00:34:43,990 --> 00:34:41,480  
generic page on complementary medicines

810  
00:34:46,990 --> 00:34:44,000  
where homeopathy is cited but not

811  
00:34:49,389 --> 00:34:47,000  
explained a search for homeopathic turns

812  
00:34:52,059 --> 00:34:49,399  
up a link to a video which likewise

813  
00:34:53,829 --> 00:34:52,069

doesn't address homeopathy directly and

814

00:34:56,589 --> 00:34:53,839

in fact could even be construed as

815

00:34:59,890 --> 00:34:56,599

misleading an excerpt from the

816

00:35:01,809 --> 00:34:59,900

transcript follows manufacturers of

817

00:35:03,730 --> 00:35:01,819

non-prescription medicines sold in

818

00:35:05,829 --> 00:35:03,740

Australia must ensure that their

819

00:35:08,200 --> 00:35:05,839

products meet certain quality and safety

820

00:35:09,490 --> 00:35:08,210

standards however when it comes to

821

00:35:11,559 --> 00:35:09,500

providing evidence for their

822

00:35:13,569 --> 00:35:11,569

effectiveness they're not tested as

823

00:35:16,510 --> 00:35:13,579

thoroughly as prescription and pharmacy

824

00:35:18,400 --> 00:35:16,520

medicines this less thorough testing

825

00:35:20,319 --> 00:35:18,410

does not mean that these medicines don't

826

00:35:22,569 --> 00:35:20,329

work rather it means that the

827

00:35:24,910 --> 00:35:22,579

manufacturers don't have to provide as

828

00:35:27,360 --> 00:35:24,920

much scientific evidence as they do for

829

00:35:30,100 --> 00:35:27,370

prescription and pharmacy medicine

830

00:35:31,960 --> 00:35:30,110

when you are choosing a traditional or

831

00:35:34,120 --> 00:35:31,970

horrible medicine obtain as much

832

00:35:37,360 --> 00:35:34,130

information about it and it's used as

833

00:35:39,640 --> 00:35:37,370

you can now I doubt there would be any

834

00:35:42,100 --> 00:35:39,650

confusion that homeopathic remedies are

835

00:35:44,260 --> 00:35:42,110

not prescription medicines but they

836

00:35:46,750 --> 00:35:44,270

could certainly be considered pharmacy

837

00:35:48,880 --> 00:35:46,760

medicines after all they are sold in

838

00:35:52,450 --> 00:35:48,890

pharmacies alongside science-based

839

00:35:55,030 --> 00:35:52,460

remedies so in fact this video implies

840

00:35:57,970 --> 00:35:55,040

it since homeopathy for all intents and

841

00:35:59,650 --> 00:35:57,980

purposes is of pharmacy medicine then it

842

00:36:02,620 --> 00:35:59,660

is tested just like prescription

843

00:36:04,780 --> 00:36:02,630

medicines now of course this is simply

844

00:36:07,060 --> 00:36:04,790

not true in fact some homeopathic

845

00:36:09,250 --> 00:36:07,070

remedies are exempt from the Australian

846

00:36:11,560 --> 00:36:09,260

register of therapeutic goods which is a

847

00:36:14,800 --> 00:36:11,570

list of approved medicines and devices

848

00:36:16,660 --> 00:36:14,810

because in many cases they are so dilute

849

00:36:19,450 --> 00:36:16,670

that they no longer contain active

850

00:36:21,280 --> 00:36:19,460

ingredients thus there is nothing to

851  
00:36:25,000 --> 00:36:21,290  
regulate if there is nothing in the

852  
00:36:27,730 --> 00:36:25,010  
medicine the TGA or the Therapeutic

853  
00:36:30,190 --> 00:36:27,740  
Goods Administration website states that

854  
00:36:33,640 --> 00:36:30,200  
homeopathic preparations are exempt from

855  
00:36:36,580 --> 00:36:33,650  
their list of drugs if quote they are

856  
00:36:38,650 --> 00:36:36,590  
more dilute than a 1000-fold dilution of

857  
00:36:41,200 --> 00:36:38,660  
a mother tincture and which are not

858  
00:36:44,320 --> 00:36:41,210  
required to be sterile and which do not

859  
00:36:48,370 --> 00:36:44,330  
include an ingredient of a human origin

860  
00:36:50,170 --> 00:36:48,380  
or be animal origin so unless you

861  
00:36:53,020 --> 00:36:50,180  
started with a mother tincture derived

862  
00:36:55,780 --> 00:36:53,030  
from animal or human sources and it's

863  
00:36:57,040 --> 00:36:55,790

less than a thousandfold diluted the

864

00:37:00,460 --> 00:36:57,050

government is not particularly

865

00:37:03,010 --> 00:37:00,470

interested in your product makes sense I

866

00:37:05,650 --> 00:37:03,020

guess since sugar pills and water with a

867

00:37:08,350 --> 00:37:05,660

dash of alcohol won't do you any direct

868

00:37:10,120 --> 00:37:08,360

harm even more bizarre is that when

869

00:37:12,970 --> 00:37:10,130

homeopathy is not sold through

870

00:37:16,330 --> 00:37:12,980

pharmacies it is exempt from the TGA

871

00:37:19,150 --> 00:37:16,340

zone advertising standards here's what

872

00:37:21,220 --> 00:37:19,160

the TGA website says a homeopathic

873

00:37:23,860 --> 00:37:21,230

product can carry claims which do not

874

00:37:26,950 --> 00:37:23,870

comply with the tj's advertising code

875

00:37:29,800 --> 00:37:26,960

and may still be listed in the artg

876  
00:37:31,900 --> 00:37:29,810  
however the label on the container and

877  
00:37:33,790 --> 00:37:31,910  
on the primary pack must include a

878  
00:37:35,830 --> 00:37:33,800  
statement to indicate that the

879  
00:37:39,400 --> 00:37:35,840  
indications have not been approved by

880  
00:37:40,750 --> 00:37:39,410  
the TGA now to make it even more

881  
00:37:42,730 --> 00:37:40,760  
confusing

882  
00:37:44,950 --> 00:37:42,740  
description of homeopathy on the TGA

883  
00:37:47,950 --> 00:37:44,960  
website is also not very helpful to

884  
00:37:50,730 --> 00:37:47,960  
uninformed consumers homeopathic

885  
00:37:53,230 --> 00:37:50,740  
preparations are defined by the TGA as

886  
00:37:55,570 --> 00:37:53,240  
formulated for use on the principle that

887  
00:37:58,330 --> 00:37:55,580  
it is capable of producing in a healthy

888  
00:38:01,000 --> 00:37:58,340

person symptoms similar to those which

889

00:38:03,960 --> 00:38:01,010

it is administered to alleviate so this

890

00:38:06,310 --> 00:38:03,970

is the light treats like part and

891

00:38:08,620 --> 00:38:06,320

prepared according to the practices of

892

00:38:11,410 --> 00:38:08,630

homeopathic pharmacy using the methods

893

00:38:14,350 --> 00:38:11,420

of serial dilution and sir kush enough a

894

00:38:17,020 --> 00:38:14,360

mother tincture in water ethanol aqueous

895

00:38:20,680 --> 00:38:17,030

ethanol or glycerol or cereal tritter

896

00:38:22,540 --> 00:38:20,690

ation in lactose so wouldn't it be much

897

00:38:25,180 --> 00:38:22,550

simpler to say there's nothing in it and

898

00:38:27,070 --> 00:38:25,190

there's no evidence that it works do

899

00:38:29,020 --> 00:38:27,080

they really think consumers are going to

900

00:38:31,870 --> 00:38:29,030

know what's a cushion and cereal trigger

901  
00:38:35,290 --> 00:38:31,880  
ation means like pretty much all of

902  
00:38:37,420 --> 00:38:35,300  
homeopathy it's gobbledygook but the

903  
00:38:40,690 --> 00:38:37,430  
facts remain that homeopathy is indeed

904  
00:38:42,640 --> 00:38:40,700  
listed on the artg meaning it is

905  
00:38:44,410 --> 00:38:42,650  
assigned an official-looking government

906  
00:38:48,130 --> 00:38:44,420  
number which therefore lens at

907  
00:38:49,990 --> 00:38:48,140  
legitimacy for example brower natural

908  
00:38:55,300 --> 00:38:50,000  
medicine children's cold and flu relief

909  
00:38:57,190 --> 00:38:55,310  
is listed as hasta el 13 2568 the fact

910  
00:38:59,140 --> 00:38:57,200  
sheet for this product states that all

911  
00:39:02,830 --> 00:38:59,150  
the ingredients exist at a thousandfold

912  
00:39:04,930 --> 00:39:02,840  
dilution I found 37 listings for Brauer

913  
00:39:07,690 --> 00:39:04,940

homeopathic medicines including

914

00:39:10,390 --> 00:39:07,700

children's cough relief hangover relief

915

00:39:13,300 --> 00:39:10,400

oral spray and natural medicine burn

916

00:39:16,090 --> 00:39:13,310

cream interestingly sleep and insomnia

917

00:39:18,730 --> 00:39:16,100

relief the sleeping tablets popular

918

00:39:21,940 --> 00:39:18,740

amongst 10 23 overdose participants are

919

00:39:23,950 --> 00:39:21,950

not listed on the artg since the active

920

00:39:28,480 --> 00:39:23,960

ingredients are diluted much more than a

921

00:39:31,120 --> 00:39:28,490

thousand times so whilst homeopathy is

922

00:39:33,430 --> 00:39:31,130

sold in pharmacies many pharmacists

923

00:39:35,620 --> 00:39:33,440

don't know what it is in fact some like

924

00:39:38,890 --> 00:39:35,630

many consumers think it is a horrible

925

00:39:42,040 --> 00:39:38,900

medicine so what have I learned in

926

00:39:43,750 --> 00:39:42,050

medicine wise week well firstly the

927

00:39:46,930 --> 00:39:43,760

australian government seems confused

928

00:39:49,390 --> 00:39:46,940

about homeopathy i was unable to find a

929

00:39:51,970 --> 00:39:49,400

clear and concise explanation of what it

930

00:39:53,500 --> 00:39:51,980

is on their official website and they

931

00:39:54,550 --> 00:39:53,510

appear to be bundling it in with

932

00:39:56,890 --> 00:39:54,560

pharmacy medicine

933

00:39:59,680 --> 00:39:56,900

therefore implying that it works and

934

00:40:01,810 --> 00:39:59,690

further their lending at legitimacy by

935

00:40:03,940 --> 00:40:01,820

designating it official looking numbers

936

00:40:06,670 --> 00:40:03,950

on the official register of government

937

00:40:09,640 --> 00:40:06,680

approved medicines it's no wonder the

938

00:40:12,010 --> 00:40:09,650

public remains confused and no wonder it

939

00:40:14,710 --> 00:40:12,020

is left to the 1023 campaign to increase

940

00:40:17,170 --> 00:40:14,720

awareness that homeopathy there's

941

00:40:19,420 --> 00:40:17,180

nothing in it if you want to make a

942

00:40:21,370 --> 00:40:19,430

comment about this week's episode you

943

00:40:24,160 --> 00:40:21,380

can find the transcript at skeptics book

944

00:40:35,350 --> 00:40:24,170

calm and until next time this has been

945

00:40:37,060 --> 00:40:35,360

dr. Reggie reports look the Rachel

946

00:40:39,700 --> 00:40:37,070

Dunlop is one of Australia's foremost

947

00:40:42,760 --> 00:40:39,710

media commentators in matters concerning

948

00:40:45,370 --> 00:40:42,770

so-called alternative medicine she has

949

00:40:47,920 --> 00:40:45,380

appeared on national radio and national

950

00:40:50,820 --> 00:40:47,930

television dr. H E is available for

951

00:41:06,660 --> 00:40:50,830

interviews and you can contact her at

952

00:41:14,470 --> 00:41:11,349

on a fine hot sunny sydney morning a

953

00:41:18,250 --> 00:41:14,480

group of skeptics gathered nearly Sydney

954

00:41:21,039 --> 00:41:18,260

Opera House two down copious amounts of

955

00:41:23,440 --> 00:41:21,049

sleeping pills but fear not of course

956

00:41:26,650 --> 00:41:23,450

they were homeopathic sleeping pills

957

00:41:29,710 --> 00:41:26,660

which means they were really sugar pills

958

00:41:35,289 --> 00:41:29,720

on the scene for the skeptic zone was

959

00:41:37,990 --> 00:41:35,299

our very own dr. Rachel Dunlop and i'm

960

00:41:39,880 --> 00:41:38,000

here at the 10 23 homeopathy overdose in

961

00:41:42,609 --> 00:41:39,890

sydney with one of the organizers

962

00:41:44,289 --> 00:41:42,619

bastard sheep hi bastard sheep hey Rach

963

00:41:45,849 --> 00:41:44,299

you how you going you also have another

964

00:41:49,690 --> 00:41:45,859

name don't you can I just call you James

965

00:41:52,690 --> 00:41:49,700

if you want to you okay so James tell me

966

00:41:54,700 --> 00:41:52,700

why are we here today well we're here to

967

00:41:57,160 --> 00:41:54,710

show the public what homeopathy actually

968

00:41:58,779 --> 00:41:57,170

is most people are rather confused about

969

00:42:00,640 --> 00:41:58,789

what is I think it's a natural medicine

970

00:42:02,170 --> 00:42:00,650

or something like that when really it's

971

00:42:05,109 --> 00:42:02,180

got nothing to do with natural medicine

972

00:42:06,789 --> 00:42:05,119

at all what they do is they diluted look

973

00:42:08,829 --> 00:42:06,799

quite a bit so they take one drop of

974

00:42:11,490 --> 00:42:08,839

whatever material is that putting in it

975

00:42:14,140 --> 00:42:11,500

such as Kofi which is just plain coffee

976

00:42:17,289 --> 00:42:14,150

drop it in 200 milliliters of distilled

977

00:42:19,059 --> 00:42:17,299

water shake that up bang it on some

978

00:42:20,710 --> 00:42:19,069

leather shake it up some more banging on

979

00:42:23,589 --> 00:42:20,720

some weather and I take another milk

980

00:42:26,230 --> 00:42:23,599

from that bottle put into 100 ml of some

981

00:42:28,720 --> 00:42:26,240

more water and this dilution which is

982

00:42:31,210 --> 00:42:28,730

what is really somehow makes a stronger

983

00:42:32,829 --> 00:42:31,220

I it doesn't make any sense yeah it's a

984

00:42:34,720 --> 00:42:32,839

funny concept isn't it it's the more

985

00:42:36,910 --> 00:42:34,730

dilute it is the stronger it actually is

986

00:42:38,920 --> 00:42:36,920

that's the concept isn't it that's right

987

00:42:42,069 --> 00:42:38,930

yeah and they do it up to 200 sometimes

988

00:42:43,720 --> 00:42:42,079

even 500 times so we've got some

989

00:42:46,450 --> 00:42:43,730

homeopathy here today James and we're

990

00:42:48,670 --> 00:42:46,460

going to attempt to overdose on it as a

991

00:42:50,980 --> 00:42:48,680

demonstration that there's nothing in it

992

00:42:53,200 --> 00:42:50,990

so what sort of homeopathy r you can

993

00:42:54,940 --> 00:42:53,210

overdose on today we've got some browse

994

00:42:56,650 --> 00:42:54,950

sleeping insomnia pills which shard

995

00:42:58,059 --> 00:42:56,660

whether they work on sleep or were they

996

00:42:59,769 --> 00:42:58,069

working insomnia we're still trying to

997

00:43:03,190 --> 00:42:59,779

figure that one out I've actually been

998

00:43:05,500 --> 00:43:03,200

taking this oral spray for the last day

999

00:43:07,120 --> 00:43:05,510

and a half and I have barely had any

1000

00:43:08,980 --> 00:43:07,130

sleep at all I just have not been able

1001  
00:43:09,460 --> 00:43:08,990  
to sleep well that's because it's sleep

1002  
00:43:11,260 --> 00:43:09,470  
relief

1003  
00:43:14,680 --> 00:43:11,270  
right so if we can relieve insomnia

1004  
00:43:17,230 --> 00:43:14,690  
relief we don't really do so whatever it

1005  
00:43:19,180 --> 00:43:17,240  
is it cancels out your sleep I guess so

1006  
00:43:22,030 --> 00:43:19,190  
all right so James do you expect that

1007  
00:43:23,800 --> 00:43:22,040  
you'll survive today is overdose I I'm

1008  
00:43:25,839 --> 00:43:23,810  
expecting to have absolutely nothing

1009  
00:43:27,670 --> 00:43:25,849  
happen whatsoever because well these are

1010  
00:43:29,230 --> 00:43:27,680  
just sugar tablets and nothing else well

1011  
00:43:31,420 --> 00:43:29,240  
last year you overdosed and then you

1012  
00:43:32,920 --> 00:43:31,430  
fell asleep 12 hours afterwards roughly

1013  
00:43:36,520 --> 00:43:32,930

and woke up eight hours later is that

1014

00:43:38,050 --> 00:43:36,530

right yes um it's very very confusing

1015

00:43:40,000 --> 00:43:38,060

because it just happened to be in with

1016

00:43:42,160 --> 00:43:40,010

my normal sleep cycle okay well good

1017

00:43:47,589 --> 00:43:42,170

like today and I hope you survived that

1018

00:43:50,080 --> 00:43:47,599

over day thank you very much and welcome

1019

00:43:53,260 --> 00:43:50,090

to the 10 23 overdose Richard Saunders

1020

00:43:56,170 --> 00:43:53,270

hello hello dr. AG now it's pretty warm

1021

00:43:59,140 --> 00:43:56,180

day here in Sydney so we're all feeling

1022

00:44:01,750 --> 00:43:59,150

a little bit dehydrated perhaps what do

1023

00:44:04,900 --> 00:44:01,760

you think would be useful to help

1024

00:44:07,540 --> 00:44:04,910

reverse our dehydration copious amounts

1025

00:44:10,270 --> 00:44:07,550

of water which by strange coincidence

1026

00:44:12,700 --> 00:44:10,280

exactly what homeopathy is isn't that a

1027

00:44:14,050 --> 00:44:12,710

strange coincidence yeah and if you are

1028

00:44:16,329 --> 00:44:14,060

feeling a little bit like you've got a

1029

00:44:18,099 --> 00:44:16,339

little bit of a low blood sugar what

1030

00:44:20,410 --> 00:44:18,109

would you suggest could help with that

1031

00:44:23,260 --> 00:44:20,420

possibly large amounts of sugar which by

1032

00:44:26,320 --> 00:44:23,270

another strange coincidence is exactly

1033

00:44:28,270 --> 00:44:26,330

what homeopathy also is so are you

1034

00:44:31,329 --> 00:44:28,280

telling me Richard that there's nothing

1035

00:44:33,609 --> 00:44:31,339

in homeopathy except water and/or sugar

1036

00:44:36,849 --> 00:44:33,619

well that's not exactly true there's

1037

00:44:38,920 --> 00:44:36,859

also a lot of money there is a lot of

1038

00:44:41,050 --> 00:44:38,930

money isn't there follow the money trail

1039

00:44:44,200 --> 00:44:41,060

that's the key yeah follow the money

1040

00:44:47,050 --> 00:44:44,210

listeners now if I could market sugar

1041

00:44:48,820 --> 00:44:47,060

and water at thousands of times their

1042

00:44:51,040 --> 00:44:48,830

cost price I'd be rolling in the money

1043

00:44:53,680 --> 00:44:51,050

and some people are some people are and

1044

00:44:57,099 --> 00:44:53,690

there is a some home brand or homemade

1045

00:44:58,960 --> 00:44:57,109

homeopathy here in Australia and we've

1046

00:45:00,790 --> 00:44:58,970

hypothesized and of course we don't have

1047

00:45:03,910 --> 00:45:00,800

evidence for this that we wonder it all

1048

00:45:06,400 --> 00:45:03,920

if it's actually if they bother to do

1049

00:45:08,770 --> 00:45:06,410

any of the dilutions and you know take

1050

00:45:10,540 --> 00:45:08,780

one drop and put it into a liter and

1051  
00:45:13,270 --> 00:45:10,550  
then do that 30 times what do you think

1052  
00:45:15,339 --> 00:45:13,280  
Richard I'd be surprised if they do if I

1053  
00:45:18,430 --> 00:45:15,349  
were a major homeopathy company a

1054  
00:45:20,190 --> 00:45:18,440  
factory I would simply turn out the same

1055  
00:45:22,660 --> 00:45:20,200  
sugar pills put them in different boxes

1056  
00:45:23,140 --> 00:45:22,670  
label them differently and send them out

1057  
00:45:25,450 --> 00:45:23,150  
the farmers

1058  
00:45:28,150 --> 00:45:25,460  
he's who's going to stop them that's

1059  
00:45:30,550 --> 00:45:28,160  
right well yeah there's probably not a

1060  
00:45:32,320 --> 00:45:30,560  
lot of regulation one of the problems

1061  
00:45:35,710 --> 00:45:32,330  
that we have with something we've been

1062  
00:45:37,450 --> 00:45:35,720  
trying to counteract is that these stuff

1063  
00:45:39,640 --> 00:45:37,460

is sold in pharmacies isn't it Richard

1064

00:45:41,530 --> 00:45:39,650

it's sold in just about every pharmacy I

1065

00:45:43,510 --> 00:45:41,540

have ever been in this country you can

1066

00:45:45,370 --> 00:45:43,520

find copious amounts of sugar pills the

1067

00:45:48,130 --> 00:45:45,380

strange thing is pharmacies also sell

1068

00:45:49,690 --> 00:45:48,140

our jelly beans for a fraction of the

1069

00:45:51,340 --> 00:45:49,700

price and you get a lot more bang for

1070

00:45:54,550 --> 00:45:51,350

your buck you get a lot more sugar and

1071

00:45:56,380 --> 00:45:54,560

glucose and and two children like jelly

1072

00:45:57,940 --> 00:45:56,390

beans far more than homeopathy I think

1073

00:45:59,320 --> 00:45:57,950

they do I think they do but one of the

1074

00:46:01,930 --> 00:45:59,330

things that homie up with you people say

1075

00:46:03,580 --> 00:46:01,940

is that children they can take

1076  
00:46:05,020 --> 00:46:03,590  
homeopathy because it's very safe and

1077  
00:46:06,610 --> 00:46:05,030  
there's no side effects but if there are

1078  
00:46:08,890 --> 00:46:06,620  
no side effects what does that generally

1079  
00:46:10,570 --> 00:46:08,900  
mean if there are no side effects it

1080  
00:46:12,850 --> 00:46:10,580  
generally means there are no effects to

1081  
00:46:15,940 --> 00:46:12,860  
begin with now I liken homing up

1082  
00:46:18,310 --> 00:46:15,950  
homeopathy to a a swimming pool in more

1083  
00:46:19,750 --> 00:46:18,320  
than one way or the safety if you

1084  
00:46:21,550 --> 00:46:19,760  
because there are people out there who

1085  
00:46:23,740 --> 00:46:21,560  
say you can vaccinate children using

1086  
00:46:26,530 --> 00:46:23,750  
water homeopathy right it's like saying

1087  
00:46:28,210 --> 00:46:26,540  
if you put a chalk line around your

1088  
00:46:31,360 --> 00:46:28,220

swimming pool it's the same as a child

1089

00:46:32,950 --> 00:46:31,370

proof fence it's just ridiculous and of

1090

00:46:34,600 --> 00:46:32,960

course it's very irresponsible isn't it

1091

00:46:37,060 --> 00:46:34,610

because we have had cases in Australia

1092

00:46:39,030 --> 00:46:37,070

where children have died because they

1093

00:46:41,410 --> 00:46:39,040

haven't received conventional

1094

00:46:43,840 --> 00:46:41,420

science-based medicine instead they've

1095

00:46:46,720 --> 00:46:43,850

been given homeopathy and they've died

1096

00:46:48,700 --> 00:46:46,730

as a result so it's not just this is a

1097

00:46:51,760 --> 00:46:48,710

serious issue in many ways isn't it it's

1098

00:46:53,470 --> 00:46:51,770

absolutely a serious issue and apart

1099

00:46:55,750 --> 00:46:53,480

from anything else apart from the health

1100

00:46:58,150 --> 00:46:55,760

concerns it's also consumer affairs

1101  
00:47:00,670 --> 00:46:58,160  
consumers are being ripped off because

1102  
00:47:02,530 --> 00:47:00,680  
on the packets they buying this in the

1103  
00:47:05,500 --> 00:47:02,540  
supermarket's I guess and the pharmacies

1104  
00:47:08,350 --> 00:47:05,510  
it's the labelings all wrong there's

1105  
00:47:09,850 --> 00:47:08,360  
nothing in homeopathy well good luck

1106  
00:47:17,600 --> 00:47:09,860  
today Richard and I hope to see you

1107  
00:47:22,170 --> 00:47:20,160  
so ratbag what is it that you've got

1108  
00:47:25,230 --> 00:47:22,180  
here okay you can buy those things

1109  
00:47:26,940 --> 00:47:25,240  
called homeopathic peel yields and for

1110  
00:47:29,040 --> 00:47:26,950  
example they actually retail for fifteen

1111  
00:47:32,730 --> 00:47:29,050  
cents each if you go and buy them from

1112  
00:47:37,920 --> 00:47:32,740  
reputable homeopaths I'm sorry I know I

1113  
00:47:39,680 --> 00:47:37,930

know that's just words okay I went out

1114

00:47:41,310 --> 00:47:39,690

live what's up something what they are

1115

00:47:43,260 --> 00:47:41,320

investigating the fans they actually

1116

00:47:45,210 --> 00:47:43,270

white hundreds and thousands so I bought

1117

00:47:48,300 --> 00:47:45,220

myself a bottle and it cost me eight

1118

00:47:50,010 --> 00:47:48,310

dollars 95 and i estimate that if i was

1119

00:47:51,300 --> 00:47:50,020

to package that up as i did in my

1120

00:47:53,040 --> 00:47:51,310

homeopath and sell them i can get about

1121

00:47:54,120 --> 00:47:53,050

i think about eight and nine thousand

1122

00:47:56,280 --> 00:47:54,130

dollars as a minimum made up about

1123

00:47:59,610 --> 00:47:56,290

fourteen thousand dollars so contents at

1124

00:48:01,530 --> 00:47:59,620

that bottle now if i want to make a 200

1125

00:48:02,730 --> 00:48:01,540

c peel you or I would have to spend

1126

00:48:05,190 --> 00:48:02,740

about half an hour preparing the

1127

00:48:06,810 --> 00:48:05,200

material you know I have to get in a

1128

00:48:09,300 --> 00:48:06,820

little dropper and put a drop on that

1129

00:48:12,180 --> 00:48:09,310

let it dry out no wonder they charge 15

1130

00:48:13,920 --> 00:48:12,190

cents each for I see in your hand there

1131

00:48:16,410 --> 00:48:13,930

you've got about 14,000 others with her

1132

00:48:17,910 --> 00:48:16,420

hand used about 14 down in that hand

1133

00:48:20,460 --> 00:48:17,920

they're probably only about a couple

1134

00:48:21,720 --> 00:48:20,470

hundred dollars with but it's actually

1135

00:48:23,760 --> 00:48:21,730

outright fraud they know what they're

1136

00:48:26,880 --> 00:48:23,770

doing nobody goes through the process of

1137

00:48:28,200 --> 00:48:26,890

making of spending an hour and a half to

1138

00:48:29,550 --> 00:48:28,210

prepare the stuff to make one of these

1139

00:48:31,080 --> 00:48:29,560

pills no lack a few of those pills and

1140

00:48:32,550 --> 00:48:31,090

put them in a bottle they pour them from

1141

00:48:35,150 --> 00:48:32,560

a bottle they write a label on it they

1142

00:48:38,640 --> 00:48:35,160

give it to your neck collect your money

1143

00:48:41,190 --> 00:48:38,650

and here we are at the 10 23 overdose in

1144

00:48:42,780 --> 00:48:41,200

Sydney Australia and we're all going to

1145

00:48:58,089 --> 00:48:42,790

overdose on a homeopathic sleeping

1146

00:49:05,089 --> 00:49:01,309

hello I'm James Randi founder of the

1147

00:49:07,640 --> 00:49:05,099

James Randi Educational Foundation in my

1148

00:49:10,849 --> 00:49:07,650

books and in presentations all over the

1149

00:49:13,059 --> 00:49:10,859

world I've used demonstrations to show

1150

00:49:16,609 --> 00:49:13,069

audiences the importance of thinking

1151  
00:49:18,559 --> 00:49:16,619  
skeptically about pseudoscience one

1152  
00:49:21,760 --> 00:49:18,569  
demonstration I've done many times

1153  
00:49:25,400 --> 00:49:21,770  
consists of downing at entire package of

1154  
00:49:27,710 --> 00:49:25,410  
32 homeopathic sleeping pills the

1155  
00:49:30,020 --> 00:49:27,720  
recommended dosage by the way is two to

1156  
00:49:33,530 --> 00:49:30,030  
three tablets just to show that these

1157  
00:49:35,720 --> 00:49:33,540  
scam medications have no effects now

1158  
00:49:38,299 --> 00:49:35,730  
there's a warning on the box saying to

1159  
00:49:41,150 --> 00:49:38,309  
call your local poison control center in

1160  
00:49:44,569 --> 00:49:41,160  
case of an overdose but that's a joke

1161  
00:49:47,000 --> 00:49:44,579  
most homeopathic remedies have no active

1162  
00:49:49,609 --> 00:49:47,010  
ingredients whatsoever even though

1163  
00:49:52,430 --> 00:49:49,619

they're sold by major pharmacies right

1164

00:49:55,520 --> 00:49:52,440

alongside real medicine every reputable

1165

00:49:57,950 --> 00:49:55,530

medical study of these fake drugs has

1166

00:50:01,940 --> 00:49:57,960

shown them to have no more effect than

1167

00:50:03,950 --> 00:50:01,950

sugar pills or pure water homeopathy is

1168

00:50:06,079 --> 00:50:03,960

one of the biggest health scams in

1169

00:50:09,289 --> 00:50:06,089

America and it's a problem around the

1170

00:50:11,750 --> 00:50:09,299

globe that's why today hundreds of

1171

00:50:13,910 --> 00:50:11,760

consumer advocates in more than 25

1172

00:50:16,730 --> 00:50:13,920

countries and more than a dozen US

1173

00:50:21,140 --> 00:50:16,740

cities are joining forces in an effort

1174

00:50:23,780 --> 00:50:21,150

called the 1023 challenge they're taking

1175

00:50:25,549 --> 00:50:23,790

public actions and doing overdose

1176

00:50:28,099 --> 00:50:25,559

demonstration just like the one I've

1177

00:50:30,260 --> 00:50:28,109

been doing for years together we're

1178

00:50:33,760 --> 00:50:30,270

telling the public the truth about

1179

00:50:36,440 --> 00:50:33,770

homeopathy there's nothing in it

1180

00:50:39,170 --> 00:50:36,450

purveyors of homeopathy say that these

1181

00:50:42,559 --> 00:50:39,180

demonstrations prove that homeopathy is

1182

00:50:45,710 --> 00:50:42,569

safe nonsense what we're demonstrating

1183

00:50:47,630 --> 00:50:45,720

is not that homeopathy is safe but that

1184

00:50:50,990 --> 00:50:47,640

homeopathic preparations are not

1185

00:50:53,450 --> 00:50:51,000

medicine and they have no effect good or

1186

00:50:56,750 --> 00:50:53,460

bad except to flatten your wallet and

1187

00:50:59,299 --> 00:50:56,760

ignore real medical assistance if you're

1188

00:51:02,330 --> 00:50:59,309

healthy then taking no medicine at all

1189

00:51:05,270 --> 00:51:02,340

is to find but people count on

1190

00:51:08,630 --> 00:51:05,280

medicine to heal illness or to immunize

1191

00:51:10,790 --> 00:51:08,640

them against contagious disease taking

1192

00:51:15,080 --> 00:51:10,800

homeopathic water or sugar pills instead

1193

00:51:16,790 --> 00:51:15,090

of real medicine can be deadly and it's

1194

00:51:19,580 --> 00:51:16,800

not just the manufacturer to these

1195

00:51:22,940 --> 00:51:19,590

products are in to blame pharmacies like

1196

00:51:25,490 --> 00:51:22,950

Walgreens rite aid CVS and a lot of

1197

00:51:28,580 --> 00:51:25,500

other major retailers are solid

1198

00:51:30,920 --> 00:51:28,590

accomplices in this scam profiting by

1199

00:51:34,100 --> 00:51:30,930

keeping unsuspecting customers in the

1200

00:51:36,230 --> 00:51:34,110

dark they sell these fake pills right

1201  
00:51:38,900 --> 00:51:36,240  
alongside the real medicines with no

1202  
00:51:42,650 --> 00:51:38,910  
warning or information about the bogus

1203  
00:51:46,910 --> 00:51:42,660  
ideas behind homeopathy they simply

1204  
00:51:49,040 --> 00:51:46,920  
don't care but consumers know the facts

1205  
00:51:51,770 --> 00:51:49,050  
about on me about the products they can

1206  
00:51:53,600 --> 00:51:51,780  
avoid them but every day parents of sick

1207  
00:51:56,420 --> 00:51:53,610  
children are coming home from their

1208  
00:51:58,750 --> 00:51:56,430  
pharmacy with fake medicine and leaving

1209  
00:52:01,580 --> 00:51:58,760  
their children in distress because these

1210  
00:52:05,060 --> 00:52:01,590  
manufacturers and these stores don't

1211  
00:52:07,460 --> 00:52:05,070  
want consumers to know the truth here's

1212  
00:52:10,340 --> 00:52:07,470  
the truth about the bad ideas probably

1213  
00:52:12,260 --> 00:52:10,350

off the is based on the first idea if

1214

00:52:14,480 --> 00:52:12,270

the illness can be treated by a

1215

00:52:17,210 --> 00:52:14,490

substance that actually causes the

1216

00:52:19,670 --> 00:52:17,220

symptoms you want to get rid of so to

1217

00:52:22,370 --> 00:52:19,680

treat fevers for example they often use

1218

00:52:24,860 --> 00:52:22,380

cayenne pepper since that can produce a

1219

00:52:26,900 --> 00:52:24,870

sweat the second idea is that the

1220

00:52:31,010 --> 00:52:26,910

looting of substance making it weaker

1221

00:52:33,890 --> 00:52:31,020

makes it more effective so they mix a

1222

00:52:37,190 --> 00:52:33,900

tiny amount of the substance in a huge

1223

00:52:39,890 --> 00:52:37,200

amount of water shake it up and dilute

1224

00:52:42,920 --> 00:52:39,900

the mixture in the same way again and

1225

00:52:44,600 --> 00:52:42,930

again until they throw without all the

1226  
00:52:48,530 --> 00:52:44,610  
original substance and there's not a

1227  
00:52:51,410 --> 00:52:48,540  
single atom or molecule of it left this

1228  
00:52:54,470 --> 00:52:51,420  
plain water is then dripped into vials

1229  
00:52:56,660 --> 00:52:54,480  
or dropped onto sugar cubes and sold to

1230  
00:52:58,370 --> 00:52:56,670  
parents who are led to believe it will

1231  
00:53:01,400 --> 00:52:58,380  
relieve their children's fever or other

1232  
00:53:04,880 --> 00:53:01,410  
problems many people think the word

1233  
00:53:05,720 --> 00:53:04,890  
homeopathic just means herbal or natural

1234  
00:53:07,190 --> 00:53:05,730  
medicine

1235  
00:53:10,430 --> 00:53:07,200  
and they're shocked to learn what it

1236  
00:53:12,800 --> 00:53:10,440  
really means well it should be a crime

1237  
00:53:15,320 --> 00:53:12,810  
for pharmaceutical corporations to

1238  
00:53:17,900 --> 00:53:15,330

profit by denying the public this

1239

00:53:20,330 --> 00:53:17,910

critical information about the products

1240

00:53:23,180 --> 00:53:20,340

on their shelves customers are paying

1241

00:53:26,540 --> 00:53:23,190

real money for fake medicine that leaves

1242

00:53:30,320 --> 00:53:26,550

innocent people sick and suffering this

1243

00:53:32,540 --> 00:53:30,330

has to stop today the James Randi

1244

00:53:35,420 --> 00:53:32,550

Educational Foundation is issuing a

1245

00:53:37,849 --> 00:53:35,430

challenge to the manufacturers and a

1246

00:53:41,960 --> 00:53:37,859

challenge to the retail stores who make

1247

00:53:43,550 --> 00:53:41,970

money Hawking these products first to

1248

00:53:46,070 --> 00:53:43,560

the manufacturers and practice

1249

00:53:49,480 --> 00:53:46,080

practitioners pardon me I'll homeopathy

1250

00:53:52,370 --> 00:53:49,490

we challenge you to prove your claims

1251  
00:53:54,980 --> 00:53:52,380  
prove the scientific studies are wrong

1252  
00:53:57,710 --> 00:53:54,990  
win back your reputation and while

1253  
00:54:00,770 --> 00:53:57,720  
you're at it when 1 billion dollars for

1254  
00:54:02,260 --> 00:54:00,780  
you of the charity of your choice submit

1255  
00:54:05,150 --> 00:54:02,270  
your product for a double-blind

1256  
00:54:07,270 --> 00:54:05,160  
scientific may control test and show

1257  
00:54:09,710 --> 00:54:07,280  
that its so-called high potency

1258  
00:54:11,780 --> 00:54:09,720  
homeopathic remedy diluted in water

1259  
00:54:14,390 --> 00:54:11,790  
until there's no more of the active

1260  
00:54:16,700 --> 00:54:14,400  
ingredient present is any better at

1261  
00:54:19,359 --> 00:54:16,710  
treating any health problem than just

1262  
00:54:21,650 --> 00:54:19,369  
plain water that it's based on the

1263  
00:54:24,410 --> 00:54:21,660

experimental protocol will be designed

1264

00:54:26,870 --> 00:54:24,420

by you and supervised by reputable

1265

00:54:29,330 --> 00:54:26,880

scientists all of which you approve of

1266

00:54:31,490 --> 00:54:29,340

and if you can prove that your remedy

1267

00:54:33,980 --> 00:54:31,500

works according to homeopathy principles

1268

00:54:39,320 --> 00:54:33,990

that James Randi Educational Foundation

1269

00:54:41,060 --> 00:54:39,330

will give you 1 million dollars it is

1270

00:54:43,190 --> 00:54:41,070

spite of the fact that such tests have

1271

00:54:45,800 --> 00:54:43,200

already been done and homeopathy has

1272

00:54:48,800 --> 00:54:45,810

always failed we're willing to do it

1273

00:54:52,609 --> 00:54:48,810

again what are you afraid of come on

1274

00:54:55,040 --> 00:54:52,619

prove us wrong second to the pharmacies

1275

00:54:58,220 --> 00:54:55,050

and retail stores like CVS Walgreens

1276  
00:55:00,790 --> 00:54:58,230  
rite aid Target and Walmart we challenge

1277  
00:55:03,140 --> 00:55:00,800  
you to label it for what it really is

1278  
00:55:06,410 --> 00:55:03,150  
your consumers have the right to know

1279  
00:55:08,690 --> 00:55:06,420  
what they're buying no customer of yours

1280  
00:55:10,849 --> 00:55:08,700  
should ever walk out the door with a

1281  
00:55:13,550 --> 00:55:10,859  
homeopathic product without knowing

1282  
00:55:15,480 --> 00:55:13,560  
these basic fact one there is no

1283  
00:55:18,660 --> 00:55:15,490  
evidence of this product does

1284  
00:55:22,260 --> 00:55:18,670  
it says it does too there is not one bit

1285  
00:55:25,350 --> 00:55:22,270  
not a single atom of the claimed active

1286  
00:55:28,380 --> 00:55:25,360  
ingredient in this package and three no

1287  
00:55:33,330 --> 00:55:28,390  
US health agency has ever tested or

1288  
00:55:35,940 --> 00:55:33,340

approved this product last I encourage

1289

00:55:43,290 --> 00:55:35,950

everyone to visit the 1023 challenge

1290

00:55:47,070 --> 00:55:43,300

website at 10 to three dot o RG dot UK

1291

00:55:49,920 --> 00:55:47,080

and visit our website Randy org that's

1292

00:55:52,020 --> 00:55:49,930

Randy with an i get the facts about

1293

00:55:54,900 --> 00:55:52,030

homeopathy to share with your friends

1294

00:55:56,910 --> 00:55:54,910

and family our government doesn't

1295

00:55:59,190 --> 00:55:56,920

adequately regulate these products and

1296

00:56:01,320 --> 00:55:59,200

the pharmacies don't give you the facts

1297

00:56:03,720 --> 00:56:01,330

so you got to think critically and

1298

00:56:07,320 --> 00:56:03,730

protect yourself from scams and

1299

00:56:09,859 --> 00:56:07,330

charlatans this is james randi with the

1300

00:56:12,570 --> 00:56:09,869

James Randi Educational Foundation I

1301  
00:56:15,300 --> 00:56:12,580  
won't radost on homeopathy Cleveland

1302  
00:56:18,990 --> 00:56:15,310  
Pell's many times and my eyes are still

1303  
00:56:23,340 --> 00:56:19,000  
open see you keep your eyes open too

1304  
00:56:25,170 --> 00:56:23,350  
okay for more James Randi and the

1305  
00:56:34,590 --> 00:56:25,180  
Educational Foundation make sure you

1306  
00:56:37,380 --> 00:56:34,600  
visit Randy org you're listening to the

1307  
00:56:40,200 --> 00:56:37,390  
skeptic zone I'm Brian Dunning from

1308  
00:56:42,870 --> 00:56:40,210  
sceptile calm when I'm not tuned into

1309  
00:56:45,660 --> 00:56:42,880  
the skeptic zone I'm recording thus kept

1310  
00:56:47,550 --> 00:56:45,670  
I'd podcast doing what I can to further

1311  
00:56:50,099 --> 00:56:47,560  
knowledge by blasting away the

1312  
00:56:53,280 --> 00:56:50,109  
widespread pseudo-sciences that infect

1313  
00:56:55,530 --> 00:56:53,290

popular culture I've also compiled a 40

1314

00:56:58,620 --> 00:56:55,540

minute educational video on critical

1315

00:57:02,370 --> 00:56:58,630

thinking called here be dragons at here

1316

00:57:05,010 --> 00:57:02,380

be dragons movie.com I hope you check

1317

00:57:17,470 --> 00:57:05,020

those out and I hope you enjoy the

1318

00:57:22,250 --> 00:57:20,150

thank you for listening to the skeptic

1319

00:57:25,580 --> 00:57:22,260

zone the team and I really loved putting

1320

00:57:28,910 --> 00:57:25,590

it together for you each week if you're

1321

00:57:31,040 --> 00:57:28,920

not already a subscriber for less less

1322

00:57:33,470 --> 00:57:31,050

than a dollar a week please consider

1323

00:57:37,390 --> 00:57:33,480

being won by a paypal and you can do

1324

00:57:40,940 --> 00:57:37,400

that at our website wwc uptick zone TV

1325

00:57:43,460 --> 00:57:40,950

every cent really does help us maintain

1326

00:57:45,440 --> 00:57:43,470

the show and keep it on the air and do

1327

00:57:48,200 --> 00:57:45,450

things occasionally like buy equipment

1328

00:57:50,030 --> 00:57:48,210

like microphones 4dr EG but the most

1329

00:57:52,520 --> 00:57:50,040

important thing is that you enjoy the

1330

00:57:55,250 --> 00:57:52,530

show and you get something out of it and

1331

00:57:57,110 --> 00:57:55,260

i like to think that we keep some of you

1332

00:58:00,290 --> 00:57:57,120

company when you buy yourself on those

1333

00:58:01,910 --> 00:58:00,300

long drives or working late hours I'm

1334

00:58:04,340 --> 00:58:01,920

glad that you consider us to be your

1335

00:58:06,950 --> 00:58:04,350

friends now if you would like the

1336

00:58:09,830 --> 00:58:06,960

skeptic zone to publicize your local

1337

00:58:13,790 --> 00:58:09,840

skeptic group or activity drop me a line

1338

00:58:16,250 --> 00:58:13,800

richard at skeptic zone TV I'm happy to

1339

00:58:17,690 --> 00:58:16,260

promote and help like my people all

1340

00:58:21,350 --> 00:58:17,700

around the world and of course what I

1341

00:58:23,900 --> 00:58:21,360

really love to get 20 seconds to 30

1342

00:58:26,150 --> 00:58:23,910

seconds audio clips I can play on the

1343

00:58:29,450 --> 00:58:26,160

skeptic zone in order to promote your

1344

00:58:31,670 --> 00:58:29,460

activity drop me a line first and we'll

1345

00:58:34,190 --> 00:58:31,680

see what we can work out so until next

1346

00:58:40,640 --> 00:58:34,200

week this is Richard Saunders signing

1347

00:58:43,079 --> 00:58:40,650

off from Sydney Australia you've been

1348

00:58:47,640 --> 00:58:43,089

listening to the skeptic zone

1349

00:58:50,940 --> 00:58:47,650

visit her website at [www.skepticzoomtv](http://www.skepticzoomtv)