

**THE
SKEPTIC
ZONE
PODCAST**

www.skepticzone.tv

1
00:00:22,230 --> 00:00:09,080
welcome to the skeptic zone the podcast

2
00:00:28,600 --> 00:00:24,910
hello and welcome to the skeptic zone

3
00:00:32,200 --> 00:00:28,610
episode number 412 for the eleventh of

4
00:00:34,479 --> 00:00:32,210
sep tember 2016 Richard Saunders here

5
00:00:35,890 --> 00:00:34,489
with you from Sydney Australia the 11th

6
00:00:39,330 --> 00:00:35,900
of September of course we pause to

7
00:00:44,979 --> 00:00:39,340
remember those are terrible events from

8
00:00:49,540 --> 00:00:44,989
15 years ago and imposing to remember we

9
00:00:51,640 --> 00:00:49,550
also see then maybe it happens to you

10
00:00:54,939 --> 00:00:51,650
too coming up on your Facebook feed or

11
00:00:56,950 --> 00:00:54,949
elsewhere people still clinging to the

12
00:00:58,840 --> 00:00:56,960
conspiracy theories that it was all an

13
00:01:01,500 --> 00:00:58,850

inside job in the buildings fell because

14

00:01:04,149 --> 00:01:01,510
of internal explosions caused by

15

00:01:09,130 --> 00:01:04,159
explosives placed there dynamite I don't

16

00:01:11,140 --> 00:01:09,140
know whatever it's it's it's not going

17

00:01:14,430 --> 00:01:11,150
to go away which is a sad thing also not

18

00:01:20,050 --> 00:01:14,440
going away believe it or not our

19

00:01:21,640 --> 00:01:20,060
moon-landing conspiracies this is was

20

00:01:23,560 --> 00:01:21,650
brought to my attention the other day I

21

00:01:25,690 --> 00:01:23,570
was listening to the latest skip toyed

22

00:01:28,060 --> 00:01:25,700
podcast with Brian Dunning all about the

23

00:01:30,190 --> 00:01:28,070
moon landing in fact it's a special

24

00:01:33,790 --> 00:01:30,200
three-part are very interesting and I

25

00:01:35,260 --> 00:01:33,800
post it up on my facebook feed travels

26

00:01:38,320 --> 00:01:35,270

into this you know it's very interesting

27

00:01:40,720 --> 00:01:38,330

and somebody I know chimed in with the

28

00:01:44,440 --> 00:01:40,730

conspiracy theory which led to an

29

00:01:47,920 --> 00:01:44,450

extraordinary back and forth with lots

30

00:01:50,920 --> 00:01:47,930

of people about it and I want to boil

31

00:01:53,740 --> 00:01:50,930

down to it my friend who posted this

32

00:01:56,590 --> 00:01:53,750

just didn't have a shred of evidence not

33

00:01:59,200 --> 00:01:56,600

a shred it's amazing how many people

34

00:02:01,990 --> 00:01:59,210

will cling on to a belief purely based

35

00:02:03,870 --> 00:02:02,000

on a hunch or a suspicion or something

36

00:02:07,810 --> 00:02:03,880

like that but when pressed for evidence

37

00:02:10,050 --> 00:02:07,820

yeah now I'm afraid conspiracy theories

38

00:02:12,910 --> 00:02:10,060

and their proponents will be with us

39

00:02:14,740 --> 00:02:12,920

well for a long time I imagine we're

40

00:02:16,570 --> 00:02:14,750

coming up on this week's episode of this

41

00:02:20,070 --> 00:02:16,580

skeptic zone we catch up with Michael

42

00:02:23,380 --> 00:02:20,080

crews from bad science watch in Canada

43

00:02:24,940 --> 00:02:23,390

some interesting information coming our

44

00:02:26,380 --> 00:02:24,950

way from Canada about the situation

45

00:02:29,610 --> 00:02:26,390

there with

46

00:02:33,160 --> 00:02:29,620

Astra paths naturopaths naturopaths

47

00:02:34,990 --> 00:02:33,170

pretend doctors we might say people who

48

00:02:37,150 --> 00:02:35,000

can't be bothered to actually study real

49

00:02:41,500 --> 00:02:37,160

medicine so they get a degree in

50

00:02:44,140 --> 00:02:41,510

naturopathy which I seem to remember

51
00:02:46,080 --> 00:02:44,150
many years ago one of the TV shows here

52
00:02:48,699 --> 00:02:46,090
in Australia a current affair or

53
00:02:50,350 --> 00:02:48,709
probably a current affair I probably

54
00:02:53,080 --> 00:02:50,360
have it in the archive some way I'm not

55
00:02:57,370 --> 00:02:53,090
sure managed to get one of their pet

56
00:02:58,780 --> 00:02:57,380
dogs registered as a naturopath it's it

57
00:03:00,900 --> 00:02:58,790
was it was a good stunt at the time

58
00:03:04,030 --> 00:03:00,910
unfortunately it didn't make any changes

59
00:03:05,860 --> 00:03:04,040
anyway what's happening with naturopaths

60
00:03:07,540 --> 00:03:05,870
they called themselves doctors over

61
00:03:10,180 --> 00:03:07,550
there in Canada find out at the top of

62
00:03:12,370 --> 00:03:10,190
the show with michael cruz from bad

63
00:03:13,660 --> 00:03:12,380

science watch and after the break

64

00:03:16,660 --> 00:03:13,670

something a little different something

65

00:03:21,850 --> 00:03:16,670

quite interesting we have some archival

66

00:03:23,770 --> 00:03:21,860

audio extracted from video about the

67

00:03:28,180 --> 00:03:23,780

mind-body-spirit festival here in sydney

68

00:03:30,580 --> 00:03:28,190

going back 30 years well there's there

69

00:03:34,449 --> 00:03:30,590

are two clips I'll play for you one is

70

00:03:37,090 --> 00:03:34,459

from 2002 when co-host of the skeptics

71

00:03:39,819 --> 00:03:37,100

own time co-host Stefan Soyka and I were

72

00:03:42,370 --> 00:03:39,829

doing some video reports for net FM

73

00:03:44,259 --> 00:03:42,380

internet radio station we went along the

74

00:03:46,479 --> 00:03:44,269

mind body spirit mind body wallet and

75

00:03:49,030 --> 00:03:46,489

Stefan did a piece to camera which I

76

00:03:50,710 --> 00:03:49,040

have shot and produced the audio from

77

00:03:53,470 --> 00:03:50,720

that is very interesting he chats to

78

00:03:55,060 --> 00:03:53,480

people there and they mean what's the

79

00:03:57,220 --> 00:03:55,070

old expression give somebody enough rope

80

00:03:59,800 --> 00:03:57,230

it is interesting when you chat to some

81

00:04:01,870 --> 00:03:59,810

of these people and you just well yes

82

00:04:06,580 --> 00:04:01,880

give them enough rope and then we're

83

00:04:08,590 --> 00:04:06,590

going to go back to the mid 80s and a

84

00:04:12,870 --> 00:04:08,600

report on the mind-body-spirit in sydney

85

00:04:14,949 --> 00:04:12,880

from the mid 80s on ABC TV at the time

86

00:04:18,490 --> 00:04:14,959

again this you'll find that very

87

00:04:20,830 --> 00:04:18,500

interesting and later this year i think

88

00:04:23,650 --> 00:04:20,840

in november I'll go along again but

89

00:04:27,159 --> 00:04:23,660

honestly folks things don't change much

90

00:04:30,159 --> 00:04:27,169

in the new age the new age is looking

91

00:04:32,740 --> 00:04:30,169

really old-fashioned then to round off

92

00:04:34,779 --> 00:04:32,750

the show more of the raw skeptic Heidi

93

00:04:36,959 --> 00:04:34,789

Robertson with a report from the skeptic

94

00:04:38,850 --> 00:04:36,969

camp the recent skeptic camp in Brisbane

95

00:04:41,789 --> 00:04:38,860

heidi's going to be interviewing Mandy

96

00:04:44,159 --> 00:04:41,799

noble a dietitian looking into woo in

97

00:04:46,249 --> 00:04:44,169

the health industry who would have thunk

98

00:04:48,809 --> 00:04:46,259

it now here's something to look out for

99

00:04:52,309 --> 00:04:48,819

coming up in a few weeks here in sydney

100

00:04:56,009 --> 00:04:52,319

and brisbane auckland and other cities

101
00:04:58,319 --> 00:04:56,019
my cousin ben goldacre is coming out to

102
00:05:00,959 --> 00:04:58,329
give a series of talks and lectures and

103
00:05:02,759 --> 00:05:00,969
things there will be a promo I'll run a

104
00:05:04,319 --> 00:05:02,769
promotion for it halfway through this

105
00:05:07,139 --> 00:05:04,329
week's episode of the skeptics own it's

106
00:05:09,479 --> 00:05:07,149
something to look out for and shortly on

107
00:05:12,689 --> 00:05:09,489
the show are not next week but I think

108
00:05:14,789 --> 00:05:12,699
the week after we have lined up an

109
00:05:17,100 --> 00:05:14,799
interview with Ben Goldacre himself who

110
00:05:20,039 --> 00:05:17,110
has appeared on the skeptic zone but not

111
00:05:23,389 --> 00:05:20,049
for some time in fact looking in the

112
00:05:26,279 --> 00:05:23,399
archives he was on the show in 2009

113
00:05:28,319 --> 00:05:26,289

interviewed by our very own dr. AG

114

00:05:32,279 --> 00:05:28,329

looking forward to meeting Ben for the

115

00:05:35,129 --> 00:05:32,289

first time we are cousins I can't

116

00:05:37,559 --> 00:05:35,139

remember the exact link it revolves

117

00:05:41,399 --> 00:05:37,569

around the fact that we're both related

118

00:05:46,290 --> 00:05:41,409

to sir henry parkes who was a historical

119

00:05:48,719 --> 00:05:46,300

figure in australia hmm maybe maybe we

120

00:05:50,909 --> 00:05:48,729

can work it out anyway more information

121

00:05:53,159 --> 00:05:50,919

about Ben gold acres tour of australia

122

00:05:55,319 --> 00:05:53,169

and new zealand coming up a bit later on

123

00:05:57,509 --> 00:05:55,329

in this week's episode of the skeptic

124

00:05:59,069 --> 00:05:57,519

zone Vera's of you in sydney also i look

125

00:06:02,790 --> 00:05:59,079

forward to seeing you at the australian

126
00:06:04,649 --> 00:06:02,800
skeptics dinner meeting on the 24th 24th

127
00:06:06,299 --> 00:06:04,659
where our special guest will be Lynn

128
00:06:09,949 --> 00:06:06,309
Kelly talking about her new book the

129
00:06:13,139 --> 00:06:09,959
memory code a fascinating book all about

130
00:06:16,589 --> 00:06:13,149
her research into ancient civilizations

131
00:06:18,869 --> 00:06:16,599
using memory techniques in order to pass

132
00:06:20,039 --> 00:06:18,879
down wisdom and information and hunting

133
00:06:22,559 --> 00:06:20,049
knowledge and all this sort of thing

134
00:06:25,379 --> 00:06:22,569
some ties in with famous things like

135
00:06:27,929 --> 00:06:25,389
Stonehenge it promises to be an

136
00:06:29,999 --> 00:06:27,939
absolutely fascinating evening more

137
00:06:33,089 --> 00:06:30,009
information about that talk at skeptics

138
00:06:35,549 --> 00:06:33,099

com dot and if you're in Sydney I

139

00:06:37,259 --> 00:06:35,559

encourage you to come along and if you

140

00:06:39,479 --> 00:06:37,269

know somebody in Sydney who might be

141

00:06:41,609 --> 00:06:39,489

interested in this topic please let them

142

00:06:45,269 --> 00:06:41,619

know and don't forget you can also check

143

00:06:47,699 --> 00:06:45,279

out 30 years over 30 years plus back

144

00:06:49,619 --> 00:06:47,709

issues of the skeptic magazine free to

145

00:06:50,310 --> 00:06:49,629

download from that side well that's all

146

00:06:51,720 --> 00:06:50,320

from me the

147

00:06:54,540 --> 00:06:51,730

and I'm gonna run downstairs see if I

148

00:06:55,830 --> 00:06:54,550

can find those skeptics own cats there

149

00:06:57,360 --> 00:06:55,840

we were here a little while ago I think

150

00:07:01,680 --> 00:06:57,370

they're probably sleeping it's a nice

151
00:07:05,220 --> 00:07:01,690
sunny day perfect perfect we might say

152
00:07:07,890 --> 00:07:05,230
perfect weather for cats to sleep i'll

153
00:07:10,500 --> 00:07:07,900
let the sleeping cats sleep i'll tip

154
00:07:13,160 --> 00:07:10,510
tear down in fact i'll see if i can't

155
00:07:17,430 --> 00:07:13,170
find last bits of some nice chicken soup

156
00:07:19,680 --> 00:07:17,440
with some crusty sourdough bread I do

157
00:07:43,110 --> 00:07:19,690
like that sourdough well I'm enjoying

158
00:07:48,670 --> 00:07:45,400
joining me now all the way from Toronto

159
00:07:51,670 --> 00:07:48,680
in Canada from bad science watch it's

160
00:07:53,710 --> 00:07:51,680
michael cruz hello hello Richard it's

161
00:07:56,230 --> 00:07:53,720
great to be back yes you haven't been on

162
00:07:58,210 --> 00:07:56,240
the skeptic zone for I'd have to check

163
00:08:00,490 --> 00:07:58,220

the records probably a bit earlier on

164

00:08:02,200 --> 00:08:00,500

last year we do like to catch up with

165

00:08:04,990 --> 00:08:02,210

you from time to time to find out what's

166

00:08:06,580 --> 00:08:05,000

going on in Canada and what the bad

167

00:08:09,480 --> 00:08:06,590

science you're watching at the moment

168

00:08:11,770 --> 00:08:09,490

but for a listeners who who haven't

169

00:08:14,409 --> 00:08:11,780

relatively new to the show maybe what

170

00:08:17,110 --> 00:08:14,419

can you tell me about bad science watch

171

00:08:19,749 --> 00:08:17,120

what's it all about well bad science

172

00:08:22,210 --> 00:08:19,759

what started into 2012 and we were

173

00:08:24,400 --> 00:08:22,220

responding to what we thought was kind

174

00:08:26,020 --> 00:08:24,410

of a disregard of science in public

175

00:08:28,420 --> 00:08:26,030

policy so we decided to focus our

176

00:08:30,790 --> 00:08:28,430

efforts on the government instead of the

177

00:08:31,930 --> 00:08:30,800

so the end user or the educational

178

00:08:34,209 --> 00:08:31,940

component which most people couldn't

179

00:08:35,800 --> 00:08:34,219

focus on and we've been advocating for

180

00:08:38,110 --> 00:08:35,810

good science and policy in public policy

181

00:08:41,560 --> 00:08:38,120

since then we took a little hiatus last

182

00:08:43,990 --> 00:08:41,570

year I got a bit burnt out as as happens

183

00:08:46,269 --> 00:08:44,000

with these kind of endeavors there's a

184

00:08:48,160 --> 00:08:46,279

lot of work and you know person can't

185

00:08:50,500 --> 00:08:48,170

shoulder it all themselves so I took a

186

00:08:51,670 --> 00:08:50,510

little break but we decided that we had

187

00:08:53,889 --> 00:08:51,680

a little bit more in us and we came back

188

00:08:56,800 --> 00:08:53,899

in the summer and now we're back in full

189

00:08:59,260 --> 00:08:56,810

swing advocating for a good science in

190

00:09:01,360 --> 00:08:59,270

public policy I think it's always a very

191

00:09:03,030 --> 00:09:01,370

good idea to take a little break every

192

00:09:05,440 --> 00:09:03,040

now and then I got completely with you

193

00:09:07,300 --> 00:09:05,450

doing the skeptic zone every week it's a

194

00:09:08,949 --> 00:09:07,310

little bit more tricky to do that but

195

00:09:11,590 --> 00:09:08,959

it's good to recharge the batteries take

196

00:09:13,449 --> 00:09:11,600

a step back and when you come to it

197

00:09:17,889 --> 00:09:13,459

sometimes come back to it you have a

198

00:09:19,750 --> 00:09:17,899

fresh outlook or some more ideas but

199

00:09:22,540 --> 00:09:19,760

it's it's good to know that you're there

200

00:09:24,100 --> 00:09:22,550

doing something like this we have in

201
00:09:25,750 --> 00:09:24,110
Australia a group you are no doubt

202
00:09:29,100 --> 00:09:25,760
familiar of friends of science in

203
00:09:31,660 --> 00:09:29,110
medicine and it was due to them

204
00:09:34,090 --> 00:09:31,670
following them on online and I encourage

205
00:09:36,970 --> 00:09:34,100
everybody to do so that I caught up or

206
00:09:39,730 --> 00:09:36,980
brought to my attention a story now what

207
00:09:41,740 --> 00:09:39,740
you're concerned about apart from

208
00:09:43,300 --> 00:09:41,750
everything else right now is the group

209
00:09:45,400 --> 00:09:43,310
of people we call naturopaths or

210
00:09:48,090 --> 00:09:45,410
naturopaths depending on where you are

211
00:09:50,829 --> 00:09:48,100
and there is some very interesting

212
00:09:52,460 --> 00:09:50,839
developments concerning the naturopathic

213
00:09:55,130 --> 00:09:52,470

situation in Canada and

214

00:09:56,720 --> 00:09:55,140

correct me if I'm wrong I think they're

215

00:10:00,080 --> 00:09:56,730

they're legally entitled to call

216

00:10:02,360 --> 00:10:00,090

themselves doctors is that right yeah in

217

00:10:05,330 --> 00:10:02,370

Ontario are it's like a lot of different

218

00:10:07,100 --> 00:10:05,340

places our health care is managed on the

219

00:10:11,090 --> 00:10:07,110

provincial level not the federal level

220

00:10:12,590 --> 00:10:11,100

and the regulation of naturopaths kind

221

00:10:16,610 --> 00:10:12,600

of depends on what province here in

222

00:10:19,820 --> 00:10:16,620

Ontario starting as far back really as

223

00:10:22,520 --> 00:10:19,830

the 19 in the 1980s there's been a drive

224

00:10:24,770 --> 00:10:22,530

to expand the regulation of lots of

225

00:10:26,180 --> 00:10:24,780

different health professions and the

226

00:10:28,580 --> 00:10:26,190

natural paths were right have been on

227

00:10:33,880 --> 00:10:28,590

board right since we started to reform

228

00:10:36,110 --> 00:10:33,890

health care in Ontario and in 2007

229

00:10:39,950 --> 00:10:36,120

naturopaths actually gained the ability

230

00:10:41,420 --> 00:10:39,960

to be self regulated so before then they

231

00:10:44,210 --> 00:10:41,430

had actually been regulated as far back

232

00:10:46,250 --> 00:10:44,220

as 1925 there was a natural op of the

233

00:10:48,500 --> 00:10:46,260

act or the what was called the drugless

234

00:10:50,150 --> 00:10:48,510

practitioners Act which had under its

235

00:10:52,490 --> 00:10:50,160

umbrella lots of different people

236

00:10:55,550 --> 00:10:52,500

including naturopaths and chiropractors

237

00:11:00,140 --> 00:10:55,560

and that got updated when we started to

238

00:11:03,800 --> 00:11:00,150

manage or to regulate controlled ax

239

00:11:05,480 --> 00:11:03,810

instead of professions and naturopaths

240

00:11:06,650 --> 00:11:05,490

you know join the bandwagon and managed

241

00:11:08,000 --> 00:11:06,660

to convince our government to actually

242

00:11:09,320 --> 00:11:08,010

give them their own College this has

243

00:11:11,870 --> 00:11:09,330

actually occurred in couple other

244

00:11:14,090 --> 00:11:11,880

provinces in Alberta and in budget

245

00:11:15,200 --> 00:11:14,100

Columbia as well so they are self

246

00:11:17,270 --> 00:11:15,210

regulated the story of taking

247

00:11:18,650 --> 00:11:17,280

registrants just in this past year took

248

00:11:20,840 --> 00:11:18,660

them a while to get the college up and

249

00:11:22,310 --> 00:11:20,850

running but yes they do have their own

250

00:11:23,780 --> 00:11:22,320

governance just like doctors they are

251
00:11:24,560 --> 00:11:23,790
call allowed to call themselves in

252
00:11:27,110 --> 00:11:24,570
Ontario they're allowed to call

253
00:11:28,700 --> 00:11:27,120
themselves naturopathic doctors the

254
00:11:30,980 --> 00:11:28,710
province stops short and allowing them

255
00:11:33,200 --> 00:11:30,990
to practice naturopathic medicine they

256
00:11:35,480 --> 00:11:33,210
actually are just called able to put two

257
00:11:37,790 --> 00:11:35,490
to communicate a naturopathic diagnosis

258
00:11:40,280 --> 00:11:37,800
but so they're they're fully self

259
00:11:42,170 --> 00:11:40,290
regulated and and really being held

260
00:11:44,270 --> 00:11:42,180
accountable by our provincial government

261
00:11:47,990 --> 00:11:44,280
as we speak that's good to know because

262
00:11:50,510 --> 00:11:48,000
this is what the the thrust of this item

263
00:11:53,210 --> 00:11:50,520

I saw is all about now it's the

264

00:11:56,450 --> 00:11:53,220

regulatory system in Ontario we can look

265

00:11:58,760 --> 00:11:56,460

at that now it comes down to looking at

266

00:12:01,130 --> 00:11:58,770

what the netra paths put out by way of

267

00:12:04,280 --> 00:12:01,140

their advertising their flyers on their

268

00:12:06,260 --> 00:12:04,290

websites and there was a very concerning

269

00:12:10,250 --> 00:12:06,270

statistic I saw

270

00:12:15,200 --> 00:12:10,260

like out of 300 of these people almost

271

00:12:17,120 --> 00:12:15,210

half of them are in breach yeah there is

272

00:12:19,310 --> 00:12:17,130

a a great reporter from a national

273

00:12:20,900 --> 00:12:19,320

newspaper called the global mail here in

274

00:12:24,560 --> 00:12:20,910

Canada who did an investigation she's

275

00:12:27,440 --> 00:12:24,570

been a real supporter of of

276

00:12:30,890 --> 00:12:27,450

evidence-based practice and of and I'm

277

00:12:32,560 --> 00:12:30,900

really holding fringe and alternative

278

00:12:34,940 --> 00:12:32,570

medicine practitioners accountable and

279

00:12:36,470 --> 00:12:34,950

Carly weeks put together an

280

00:12:41,090 --> 00:12:36,480

investigation where she looked at the

281

00:12:42,950 --> 00:12:41,100

websites of 300 Toronto naturopaths

282

00:12:44,870 --> 00:12:42,960

they're probably at this point there's

283

00:12:46,900 --> 00:12:44,880

probably close to seven or eight hundred

284

00:12:49,070 --> 00:12:46,910

natural paths licensed in Ontario

285

00:12:52,280 --> 00:12:49,080

probably even more than that maybe close

286

00:12:55,790 --> 00:12:52,290

to a thousand and she wanted to find out

287

00:12:58,190 --> 00:12:55,800

if they were actually adhering to the

288

00:12:59,030 --> 00:12:58,200

standards set by their own College and

289

00:13:00,830 --> 00:12:59,040

there is a standard called the

290

00:13:03,350 --> 00:13:00,840

advertising standard which said so quite

291

00:13:05,900 --> 00:13:03,360

explicitly that you're not you're not

292

00:13:08,960 --> 00:13:05,910

actually supposed to claim any ability

293

00:13:11,330 --> 00:13:08,970

to cure or any or diagnose any disease

294

00:13:12,560 --> 00:13:11,340

on your website obviously they have

295

00:13:13,640 --> 00:13:12,570

their own scope of practice that they

296

00:13:15,980 --> 00:13:13,650

have to adhere to but they have very

297

00:13:18,500 --> 00:13:15,990

clear advertising standards and she

298

00:13:19,970 --> 00:13:18,510

found that half of the 300 websites that

299

00:13:23,270 --> 00:13:19,980

she investigated were in breach the

300

00:13:25,070 --> 00:13:23,280

college colleges rules it's quite it's

301
00:13:27,890 --> 00:13:25,080
not surprising at all before they were

302
00:13:29,840 --> 00:13:27,900
regulated you know it is kind of a wild

303
00:13:32,480 --> 00:13:29,850
west and naturopaths are kind of

304
00:13:34,760 --> 00:13:32,490
notorious you know it's about as well as

305
00:13:36,170 --> 00:13:34,770
homeopaths for that matter for making

306
00:13:41,690 --> 00:13:36,180
wild claims that are really kind of

307
00:13:43,190 --> 00:13:41,700
unsupportable by science and the this

308
00:13:46,130 --> 00:13:43,200
was what Carly beaks found in this

309
00:13:49,790 --> 00:13:46,140
investigation the some of the examples

310
00:13:53,110 --> 00:13:49,800
of course that she found included

311
00:13:56,930 --> 00:13:53,120
somebody offering bogus thermography 22

312
00:13:59,930 --> 00:13:56,940
in replacement for mammograms you know

313
00:14:02,210 --> 00:13:59,940

breast cancer is a very important

314

00:14:04,160 --> 00:14:02,220

medical problem that we're we're trying

315

00:14:06,080 --> 00:14:04,170

to deal with and getting into the way by

316

00:14:09,020 --> 00:14:06,090

offering a false diagnosis is really

317

00:14:10,220 --> 00:14:09,030

quite despicable of course the flu

318

00:14:11,720 --> 00:14:10,230

season you guys are just getting done

319

00:14:14,810 --> 00:14:11,730

your flu season down in Australia but up

320

00:14:17,060 --> 00:14:14,820

here it's just strike amp up so everyone

321

00:14:18,889 --> 00:14:17,070

likes to trick the flu and naturopaths

322

00:14:20,869 --> 00:14:18,899

are no different and

323

00:14:22,609 --> 00:14:20,879

no they're right on board with the

324

00:14:25,999 --> 00:14:22,619

offering alternatives to flu

325

00:14:27,259 --> 00:14:26,009

vaccinations and treatment and again

326

00:14:28,489 --> 00:14:27,269

this is all in contravention of the

327

00:14:31,040 --> 00:14:28,499

advertising standards you can't offer

328

00:14:32,359 --> 00:14:31,050

these kind of cures on your website you

329

00:14:35,600 --> 00:14:32,369

know other things include button and see

330

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

Oh dosing and cures for dementia things

331

00:14:41,090 --> 00:14:37,350

like that so they were really in breach

332

00:14:42,710 --> 00:14:41,100

and it's quite clear that no they just

333

00:14:44,239 --> 00:14:42,720

got registered in the last year that

334

00:14:46,369 --> 00:14:44,249

just signed up so you know maybe people

335

00:14:47,419 --> 00:14:46,379

have to update their websites I know as

336

00:14:48,470 --> 00:14:47,429

someone who runs a website it's

337

00:14:49,939 --> 00:14:48,480

difficult to keep on top of things

338

00:14:52,100 --> 00:14:49,949

sometimes but you know when you're being

339

00:14:54,759 --> 00:14:52,110

licensed you have a responsibility to

340

00:14:57,169 --> 00:14:54,769

communicate with the public

341

00:15:00,079 --> 00:14:57,179

appropriately and obviously they haven't

342

00:15:02,480 --> 00:15:00,089

set this as a high priority as half of

343

00:15:05,150 --> 00:15:02,490

them are in violation well you know what

344

00:15:08,329 --> 00:15:05,160

it's an interesting thing because and we

345

00:15:09,769 --> 00:15:08,339

get the same sort of event happening

346

00:15:11,660 --> 00:15:09,779

here in Australia with a group called

347

00:15:13,730 --> 00:15:11,670

homeopathy plus who were a couple of

348

00:15:16,400 --> 00:15:13,740

years ago taken to the court by the

349

00:15:18,889 --> 00:15:16,410

government and find a huge amount of

350

00:15:20,929 --> 00:15:18,899

money because when it boils down to it

351

00:15:22,939 --> 00:15:20,939

what these people do i'm sure and i'm

352

00:15:26,210 --> 00:15:22,949

sure the situation is the same in canada

353

00:15:28,759 --> 00:15:26,220

is they sincerely believe in the

354

00:15:31,910 --> 00:15:28,769

remedies or the modalities they're

355

00:15:34,429 --> 00:15:31,920

pushing that's why they're so happy or

356

00:15:35,749 --> 00:15:34,439

they're so unconcerned about advertising

357

00:15:37,970 --> 00:15:35,759

these things because they sincerely

358

00:15:40,730 --> 00:15:37,980

believe they work like thermography for

359

00:15:43,309 --> 00:15:40,740

breast screening and so on and this

360

00:15:46,759 --> 00:15:43,319

really rings true when we discover that

361

00:15:49,549 --> 00:15:46,769

there are some people even making claims

362

00:15:51,679 --> 00:15:49,559

about cancer and vitamin c over there

363

00:15:53,449 --> 00:15:51,689

now you don't do these things to try and

364

00:15:54,530 --> 00:15:53,459

be naughty and get away with it I think

365

00:15:57,829 --> 00:15:54,540

you do these things because you

366

00:15:59,059 --> 00:15:57,839

sincerely believe that they work yeah

367

00:16:01,400 --> 00:15:59,069

that's absolutely true for the pro from

368

00:16:03,889 --> 00:16:01,410

the practitioners point of view I mean

369

00:16:06,049 --> 00:16:03,899

it's it's once you become under what's

370

00:16:08,569 --> 00:16:06,059

become publicly or excuse me

371

00:16:11,720 --> 00:16:08,579

provincially regulated there is a higher

372

00:16:15,460 --> 00:16:11,730

standard and when it comes to important

373

00:16:19,509 --> 00:16:15,470

public health things like vaccinations

374

00:16:21,439 --> 00:16:19,519

the province comes down pretty hard on

375

00:16:23,059 --> 00:16:21,449

Colleges when they can try to

376

00:16:24,679 --> 00:16:23,069

communicate their messages for example

377

00:16:28,850 --> 00:16:24,689

in the case of naturopaths they are

378

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

prohibited from having any kind of

379

00:16:32,780 --> 00:16:30,870

anti-vaccination message on their

380

00:16:34,430 --> 00:16:32,790

websites the the college itself

381

00:16:36,230 --> 00:16:34,440

has a very firm policy and I'm quoting

382

00:16:37,730 --> 00:16:36,240

the article now that says quote there

383

00:16:40,130 --> 00:16:37,740

are no known alternatives to

384

00:16:42,800 --> 00:16:40,140

vaccinations and no and a member should

385

00:16:45,050 --> 00:16:42,810

offer no alternative therapy that's very

386

00:16:47,900 --> 00:16:45,060

clear unequivocal of course we've had a

387

00:16:50,930 --> 00:16:47,910

problem here in Canada and and actually

388

00:16:54,440 --> 00:16:50,940

I'm sure you guys have in in Australia

389

00:16:56,540 --> 00:16:54,450

with with the doctor Goldman golden dr.

390

00:16:59,090 --> 00:16:56,550

golden who is offering homie a

391

00:17:01,910 --> 00:16:59,100

prophylaxis right dr. isaac golden youth

392

00:17:03,050 --> 00:17:01,920

dr. yeah dr. isaac goin he and we have

393

00:17:04,490 --> 00:17:03,060

their apprentice a practitioner in the

394

00:17:07,010 --> 00:17:04,500

US as well as been offering these things

395

00:17:08,840 --> 00:17:07,020

well there they happen they sell no

396

00:17:10,550 --> 00:17:08,850

sodes homeopathic know so it's in Canada

397

00:17:12,860 --> 00:17:10,560

as well that science watch was on the

398

00:17:15,770 --> 00:17:12,870

was really on the edge on the cutting

399

00:17:17,960 --> 00:17:15,780

edge of doing a public campaign despite

400

00:17:21,040 --> 00:17:17,970

the fact that public health agencies in

401
00:17:22,760 --> 00:17:21,050
BC and Alberta as well as different

402
00:17:25,250 --> 00:17:22,770
professional organizations have been

403
00:17:27,070 --> 00:17:25,260
calling on the government to ban or two

404
00:17:29,120 --> 00:17:27,080
to label these products as not

405
00:17:30,920 --> 00:17:29,130
alternatives to vaccination finally bad

406
00:17:33,140 --> 00:17:30,930
science watch sort of pushed the push

407
00:17:37,400 --> 00:17:33,150
the a idea over the edge and we got the

408
00:17:38,690 --> 00:17:37,410
we got the labels changed but that

409
00:17:41,990 --> 00:17:38,700
doesn't stop them from keeping to

410
00:17:44,570 --> 00:17:42,000
keeping making these claims and once

411
00:17:48,470 --> 00:17:44,580
again we see the college really holding

412
00:17:50,780 --> 00:17:48,480
up a very important pillar in public

413
00:17:52,220 --> 00:17:50,790

health that of promoting vaccinations

414

00:17:54,590 --> 00:17:52,230

and their members are really just

415

00:17:57,020 --> 00:17:54,600

ignoring it the for many years it's

416

00:18:01,280 --> 00:17:57,030

funny when I get involved in science

417

00:18:02,600 --> 00:18:01,290

advocacy uh in late 2000s 2008-2009 this

418

00:18:03,860 --> 00:18:02,610

the idea of a naturopathic and

419

00:18:06,350 --> 00:18:03,870

homeopathic college had already been

420

00:18:08,360 --> 00:18:06,360

done they were done you know in 2007

421

00:18:10,910 --> 00:18:08,370

when they passed the act but everyone

422

00:18:12,890 --> 00:18:10,920

was everybody knows who I was call these

423

00:18:14,660 --> 00:18:12,900

with we're just up in arms of how could

424

00:18:17,030 --> 00:18:14,670

we how could we give these people

425

00:18:18,980 --> 00:18:17,040

legitimacy you know having a college

426

00:18:22,370 --> 00:18:18,990

basically gives you the stamp of

427

00:18:24,350 --> 00:18:22,380

approval from in the public's eye at

428

00:18:25,820 --> 00:18:24,360

least from the province and certainly

429

00:18:26,750 --> 00:18:25,830

the organizations that represented the

430

00:18:28,610 --> 00:18:26,760

professional organizations that

431

00:18:30,410 --> 00:18:28,620

represent naturopaths and homeopaths

432

00:18:32,180 --> 00:18:30,420

their idea was to get legitimacy through

433

00:18:33,620 --> 00:18:32,190

college that's why they wanted it now a

434

00:18:35,510 --> 00:18:33,630

college doesn't exist to give anybody

435

00:18:38,150 --> 00:18:35,520

legitimacy it exists to protect the

436

00:18:43,700 --> 00:18:38,160

public that's its number one and really

437

00:18:46,130 --> 00:18:43,710

sole purpose and they should be aware

438

00:18:47,750 --> 00:18:46,140

that the college is not going

439

00:18:49,130 --> 00:18:47,760

stop from protecting the public when

440

00:18:54,950 --> 00:18:49,140

they make these kind of dubious claims

441

00:18:57,790 --> 00:18:54,960

and even though we cringe at the thought

442

00:19:00,380 --> 00:18:57,800

of any kind of legitimacy given to these

443

00:19:03,110 --> 00:19:00,390

professions because of their lack of any

444

00:19:05,840 --> 00:19:03,120

kind of scientific basis this these

445

00:19:09,160 --> 00:19:05,850

colleges I'm convinced or have a hidden

446

00:19:11,720 --> 00:19:09,170

blessing and that's that they are a

447

00:19:13,820 --> 00:19:11,730

physical body that we can go to and make

448

00:19:15,770 --> 00:19:13,830

these kind of complaints too and they

449

00:19:17,720 --> 00:19:15,780

have a they're accountable the province

450

00:19:20,170 --> 00:19:17,730

this happened with our physicians

451
00:19:23,030 --> 00:19:20,180
college here in Ontario there was some

452
00:19:24,440 --> 00:19:23,040
not malfeasance but the the the college

453
00:19:25,910 --> 00:19:24,450
had not been run well for a couple years

454
00:19:30,320 --> 00:19:25,920
and the province stepped in and took

455
00:19:31,460 --> 00:19:30,330
over and they started until the the

456
00:19:33,560 --> 00:19:31,470
College of Physicians could get their

457
00:19:36,830 --> 00:19:33,570
act together this was several years ago

458
00:19:38,150 --> 00:19:36,840
10 10 or 15 years ago well the

459
00:19:41,060 --> 00:19:38,160
physicians got their act together the

460
00:19:46,910 --> 00:19:41,070
province took over and I am sure that if

461
00:19:48,830 --> 00:19:46,920
the College cannot properly maintained

462
00:19:51,830 --> 00:19:48,840
or licensed their members then the

463
00:19:54,830 --> 00:19:51,840

province will have no recourse but to

464

00:19:56,240 --> 00:19:54,840

step in and say now hold on a second you

465

00:19:59,150 --> 00:19:56,250

have to stop this practice and start

466

00:20:00,830 --> 00:19:59,160

discipline people for this and they're

467

00:20:03,140 --> 00:20:00,840

going to find that registration and

468

00:20:04,790 --> 00:20:03,150

licensure is not all it's cracked up to

469

00:20:06,680 --> 00:20:04,800

be it's not about getting legitimacy

470

00:20:09,470 --> 00:20:06,690

it's about protecting the public and I

471

00:20:11,780 --> 00:20:09,480

guess we can imagine why in this sort of

472

00:20:14,390 --> 00:20:11,790

situation generally speaking conspiracy

473

00:20:15,970 --> 00:20:14,400

theory start to creep in because as we

474

00:20:18,050 --> 00:20:15,980

said before a lot of these people

475

00:20:19,970 --> 00:20:18,060

sincerely believe in what they're doing

476

00:20:21,680 --> 00:20:19,980

they believe that homeopathy is better

477

00:20:24,740 --> 00:20:21,690

than vaccination they believe of

478

00:20:28,310 --> 00:20:24,750

demography is better than breast

479

00:20:29,960 --> 00:20:28,320

screening so when when the opponents

480

00:20:33,020 --> 00:20:29,970

like yourself or even government

481

00:20:35,390 --> 00:20:33,030

agencies pointing out that this isn't

482

00:20:37,340 --> 00:20:35,400

the case rather than accept that

483

00:20:40,070 --> 00:20:37,350

evidence they will still cling to their

484

00:20:42,080 --> 00:20:40,080

beliefs and then start to see obviously

485

00:20:44,540 --> 00:20:42,090

there must be a conspiracy to stop these

486

00:20:46,250 --> 00:20:44,550

natural therapies and the government

487

00:20:50,140 --> 00:20:46,260

must be in the pocket of big farmer and

488

00:20:52,250 --> 00:20:50,150

it creates a big big feedback loop

489

00:20:55,760 --> 00:20:52,260

certainly and that's not an unreceptive

490

00:20:56,930 --> 00:20:55,770

idea to the public there's a firm you

491

00:20:59,090 --> 00:20:56,940

know part of the reason that we've had a

492

00:21:02,659 --> 00:20:59,100

rise in the

493

00:21:03,590 --> 00:21:02,669

in the support for Complementary so

494

00:21:06,560 --> 00:21:03,600

called complementary and alternative

495

00:21:09,470 --> 00:21:06,570

medicine in the past 15-20 years is this

496

00:21:12,020 --> 00:21:09,480

idea that we've been led down the garden

497

00:21:13,549 --> 00:21:12,030

path or where that meant that physicians

498

00:21:16,130 --> 00:21:13,559

were in the pocket a big pharma and just

499

00:21:19,669 --> 00:21:16,140

want to push drugs you know if it's the

500

00:21:21,409 --> 00:21:19,679

drug pushing problem if drug pushing is

501
00:21:23,870 --> 00:21:21,419
that is the problem that a public sees I

502
00:21:25,370 --> 00:21:23,880
mean all you have to do is compare how

503
00:21:27,529 --> 00:21:25,380
many times you visit the physician in a

504
00:21:30,200 --> 00:21:27,539
year to update your your prescriptions

505
00:21:31,580 --> 00:21:30,210
and how often you leave versus how often

506
00:21:33,020 --> 00:21:31,590
you leave the naturopaths office with a

507
00:21:34,279 --> 00:21:33,030
basket of goodies I mean you can't walk

508
00:21:35,840 --> 00:21:34,289
out of a naturopath office without

509
00:21:37,909 --> 00:21:35,850
getting a prescription for six different

510
00:21:39,470 --> 00:21:37,919
supplements and this therapy and that

511
00:21:40,940 --> 00:21:39,480
therapy like there's not a therapy they

512
00:21:43,940 --> 00:21:40,950
even heard of they would prescribe right

513
00:21:45,620 --> 00:21:43,950

yeah plus most of them have their own a

514

00:21:48,140 --> 00:21:45,630

lot of them have their own pharmacies

515

00:21:51,649 --> 00:21:48,150

within their practice yeah yeah this is

516

00:21:53,270 --> 00:21:51,659

a big front that's that's the old would

517

00:21:55,010 --> 00:21:53,280

we call that the oldest and by we've

518

00:21:58,010 --> 00:21:55,020

seen that many times before and you see

519

00:21:59,720 --> 00:21:58,020

that when one visits a mind body spirit

520

00:22:02,810 --> 00:21:59,730

as we call that mind-body wallet

521

00:22:05,630 --> 00:22:02,820

festival you have your iridology done or

522

00:22:07,399 --> 00:22:05,640

your whatever tests they do and right

523

00:22:10,940 --> 00:22:07,409

there next to them on the counter on the

524

00:22:13,610 --> 00:22:10,950

shelf I is the the cure by this bottle

525

00:22:14,720 --> 00:22:13,620

yeah yeah absolutely I mean that's one

526

00:22:16,310 --> 00:22:14,730

of the things that bad signs what is

527

00:22:18,080 --> 00:22:16,320

also doing is trying to hold the

528

00:22:21,350 --> 00:22:18,090

government accountable for the approval

529

00:22:23,779 --> 00:22:21,360

of these of these products because if

530

00:22:25,250 --> 00:22:23,789

they can't be sold in Canada then you

531

00:22:28,490 --> 00:22:25,260

can't then the natural path can't

532

00:22:30,470 --> 00:22:28,500

prescribe them so well we really can't

533

00:22:32,419 --> 00:22:30,480

do much about the scope of practice of a

534

00:22:34,340 --> 00:22:32,429

natural path that has been I mean we

535

00:22:36,560 --> 00:22:34,350

well we railed about this I I did some

536

00:22:39,529 --> 00:22:36,570

research into this university there

537

00:22:41,450 --> 00:22:39,539

there's a very long tradition or very

538

00:22:43,100 --> 00:22:41,460

it's been a very long game to get

539

00:22:44,450 --> 00:22:43,110

natural paths and homeopaths regulated

540

00:22:45,950 --> 00:22:44,460

Ontario and that's not something we're

541

00:22:47,600 --> 00:22:45,960

going to get in front of but what we can

542

00:22:49,820 --> 00:22:47,610

do is we cannot we can ask the

543

00:22:51,409 --> 00:22:49,830

government to be accountable to the

544

00:22:52,789 --> 00:22:51,419

safety of Canadians by the way they

545

00:22:55,039 --> 00:22:52,799

regulate these products and I and I'm

546

00:22:56,120 --> 00:22:55,049

very happy to announce that today just

547

00:22:58,580 --> 00:22:56,130

did starting today on this number

548

00:23:00,799 --> 00:22:58,590

seventh they have released for public

549

00:23:03,649 --> 00:23:00,809

consultation new framework for the

550

00:23:06,380 --> 00:23:03,659

approval of natural health products and

551
00:23:08,750 --> 00:23:06,390
I mean I'll give you an example to this

552
00:23:12,620 --> 00:23:08,760
day the only product that cannot be

553
00:23:13,910 --> 00:23:12,630
recalled in Canada mandatorily of

554
00:23:16,100 --> 00:23:13,920
the only product we cannot have a

555
00:23:18,110 --> 00:23:16,110
mandatory recall foreigner in Canada is

556
00:23:20,330 --> 00:23:18,120
natural health products you can recall

557
00:23:22,730 --> 00:23:20,340
every other consumer product meant but

558
00:23:24,050 --> 00:23:22,740
you cannot recall and that was in we had

559
00:23:26,870 --> 00:23:24,060
a legislation update a couple years ago

560
00:23:28,910 --> 00:23:26,880
called Vanessa's law which had a

561
00:23:32,470 --> 00:23:28,920
much-needed update to the laws that

562
00:23:34,820 --> 00:23:32,480
govern pharmaceuticals increasing the

563
00:23:38,480 --> 00:23:34,830

increasing the fines and and as well

564

00:23:40,280 --> 00:23:38,490

making mandatory recall a possibility

565

00:23:42,470 --> 00:23:40,290

but what they put into the law was a

566

00:23:45,740 --> 00:23:42,480

very specific exemption for natural

567

00:23:47,630 --> 00:23:45,750

health products that they are not the

568

00:23:49,220 --> 00:23:47,640

only product that is not covered under

569

00:23:51,290 --> 00:23:49,230

this legislation and that was because of

570

00:23:53,330 --> 00:23:51,300

the lobbyists from the organizations

571

00:23:54,710 --> 00:23:53,340

that sell natural health products they

572

00:23:57,650 --> 00:23:54,720

didn't want more regulation they didn't

573

00:24:00,890 --> 00:23:57,660

want to have to be under the the keen

574

00:24:02,960 --> 00:24:00,900

eye of the minister and nor do they want

575

00:24:05,540 --> 00:24:02,970

to have to go through the process of a

576

00:24:08,810 --> 00:24:05,550

recall if they put out a substandard and

577

00:24:10,790 --> 00:24:08,820

inadequate product and so the good thing

578

00:24:12,500 --> 00:24:10,800

is there's a new licensing frame with

579

00:24:14,320 --> 00:24:12,510

being put it for public consultation

580

00:24:16,430 --> 00:24:14,330

it's got science written all over it I

581

00:24:18,560 --> 00:24:16,440

think I have a feeling we're going to be

582

00:24:20,120 --> 00:24:18,570

going towards a labeling system like you

583

00:24:21,380 --> 00:24:20,130

correct me if I'm wrong but you guys

584

00:24:23,990 --> 00:24:21,390

haven't known in Australia that says

585

00:24:26,420 --> 00:24:24,000

this product has not been tested for

586

00:24:28,520 --> 00:24:26,430

efficacy and you're not going to be able

587

00:24:30,140 --> 00:24:28,530

to make claims for cure or diagnosis

588

00:24:31,940 --> 00:24:30,150

with your products anymore they're going

589

00:24:34,940 --> 00:24:31,950

to be very tightly controlled if they

590

00:24:36,860 --> 00:24:34,950

are if you have no evidence so we're

591

00:24:38,480 --> 00:24:36,870

looking forward to consulting on that or

592

00:24:40,750 --> 00:24:38,490

one of our consultation committees is

593

00:24:44,360 --> 00:24:40,760

putting together a public consultation

594

00:24:46,070 --> 00:24:44,370

that is due October the 24th anybody can

595

00:24:49,610 --> 00:24:46,080

consult if you go to we'll have a

596

00:24:51,140 --> 00:24:49,620

website available that will put out on

597

00:24:52,940 --> 00:24:51,150

our facebook page and if you go to

598

00:24:54,530 --> 00:24:52,950

health canada to the national the non

599

00:24:55,910 --> 00:24:54,540

prescription and natural health products

600

00:24:57,580 --> 00:24:55,920

directorates they'll have a link of the

601
00:25:00,350 --> 00:24:57,590
public consultation anyone can consult

602
00:25:02,090 --> 00:25:00,360
we meet more people who are

603
00:25:04,280 --> 00:25:02,100
science-minded who believe in science

604
00:25:05,540 --> 00:25:04,290
based policy and decision making to

605
00:25:07,520 --> 00:25:05,550
actually tell the government that they

606
00:25:10,550 --> 00:25:07,530
want these products regulated that they

607
00:25:13,010 --> 00:25:10,560
want you know stronger more

608
00:25:14,330 --> 00:25:13,020
science-based regulations and I think

609
00:25:15,500 --> 00:25:14,340
we're moving in the right direction and

610
00:25:17,330 --> 00:25:15,510
this has been because of the pressure

611
00:25:20,710 --> 00:25:17,340
that groups like bad science watch and

612
00:25:22,790 --> 00:25:20,720
some great work by our national press

613
00:25:25,670 --> 00:25:22,800

CBC the Canadian Broadcasting

614

00:25:26,450 --> 00:25:25,680

Corporation put out a couple with the

615

00:25:27,860 --> 00:25:26,460

kind of damning

616

00:25:29,000 --> 00:25:27,870

reports in the past couple years about

617

00:25:32,570 --> 00:25:29,010

the regulation of natural health

618

00:25:34,580 --> 00:25:32,580

products and I think it it hit home so I

619

00:25:35,990 --> 00:25:34,590

think we're looking at better regulation

620

00:25:37,850 --> 00:25:36,000

and we have to keep the government's

621

00:25:40,460 --> 00:25:37,860

feet to the fire and the and the

622

00:25:42,500 --> 00:25:40,470

regulatory system accountable to the

623

00:25:44,420 --> 00:25:42,510

safety of Canadians sounds like a good

624

00:25:47,390 --> 00:25:44,430

idea and yes it goes folks in Australia

625

00:25:48,920 --> 00:25:47,400

we have the system when you go into a

626

00:25:50,690 --> 00:25:48,930

pharmacy and you look at for the

627

00:25:56,480 --> 00:25:50,700

medicine on the shelf it'll either say a

628

00:26:00,290 --> 00:25:56,490

you stl or a you str L stands for listed

629

00:26:01,370 --> 00:26:00,300

& R stands for for regulated I think I'd

630

00:26:04,910 --> 00:26:01,380

have to check that one up but

631

00:26:07,340 --> 00:26:04,920

nevertheless and if something says L

632

00:26:10,430 --> 00:26:07,350

asked I it means that it hasn't

633

00:26:13,340 --> 00:26:10,440

necessarily been tested for efficacy or

634

00:26:15,380 --> 00:26:13,350

effectiveness or it probably doesn't

635

00:26:17,000 --> 00:26:15,390

work so always stick to the OSTAR that's

636

00:26:18,590 --> 00:26:17,010

what we tell people well Michael great

637

00:26:22,640 --> 00:26:18,600

to catch up with you where can people go

638

00:26:24,410 --> 00:26:22,650

to the main bad science watch website so

639

00:26:26,090 --> 00:26:24,420

we're available at bad science watch dot

640

00:26:27,800 --> 00:26:26,100

CA that's where we keep all our

641

00:26:29,210 --> 00:26:27,810

information of course we're on facebook

642

00:26:30,770 --> 00:26:29,220

and twitter as well you can search first

643

00:26:32,150 --> 00:26:30,780

there but if you want to get a hold of

644

00:26:34,250 --> 00:26:32,160

us there's a contact mixer you can

645

00:26:37,550 --> 00:26:34,260

always email us at info at bad science

646

00:26:39,290 --> 00:26:37,560

watch CA but the website is where we do

647

00:26:40,760 --> 00:26:39,300

most of our business and we're looking

648

00:26:42,800 --> 00:26:40,770

for volunteers we're looking for

649

00:26:44,900 --> 00:26:42,810

certainly donors I mean this costs money

650

00:26:47,060 --> 00:26:44,910

and we have to get the organization

651
00:26:48,590 --> 00:26:47,070
running and if we want to expand and

652
00:26:50,810 --> 00:26:48,600
keep the government accountable we need

653
00:26:53,690 --> 00:26:50,820
everyone's support so go to bad science

654
00:26:55,520 --> 00:26:53,700
watch CA for more information there's

655
00:26:57,560 --> 00:26:55,530
the tip folks if you're in Canada I I

656
00:26:59,150 --> 00:26:57,570
sincerely encourage you to have a look

657
00:27:01,670 --> 00:26:59,160
at that website and see if you can help

658
00:27:04,460 --> 00:27:01,680
or if you have friends and family in

659
00:27:07,190 --> 00:27:04,470
Canada then I think they would be well

660
00:27:08,720 --> 00:27:07,200
advised to visit that site too well once

661
00:27:10,970 --> 00:27:08,730
again Michael great to catch up with you

662
00:27:13,970 --> 00:27:10,980
I think we do this about every year just

663
00:27:15,470 --> 00:27:13,980

to see how things are going and well I

664

00:27:17,240 --> 00:27:15,480

look forward to catching up with you if

665

00:27:20,210 --> 00:27:17,250

not in person then on the skipping zone

666

00:27:21,320 --> 00:27:20,220

probably in about a year's time that's

667

00:27:22,730 --> 00:27:21,330

great thank you so much for sure and

668

00:27:24,950 --> 00:27:22,740

thank you for the for the work you do

669

00:27:45,260 --> 00:27:24,960

it's really important

670

00:27:47,090 --> 00:27:45,270

I toss a coin hundred times and I'm

671

00:27:49,700 --> 00:27:47,100

allowed to withhold from you the ISIS

672

00:27:52,220 --> 00:27:49,710

half the times then I can convince you

673

00:27:55,010 --> 00:27:52,230

that I have a coin with two heads okay

674

00:27:56,659 --> 00:27:55,020

if we remove half of the data we can

675

00:27:59,360 --> 00:27:56,669

never know what the trip in effect size

676
00:28:02,810 --> 00:27:59,370
of these makes me feels we cannot make

677
00:28:04,970 --> 00:28:02,820
decisions in the absence all of the

678
00:28:06,590 --> 00:28:04,980
information in silence we don't care how

679
00:28:08,090 --> 00:28:06,600
many letters you have after your name in

680
00:28:09,680 --> 00:28:08,100
science we want to know what your

681
00:28:11,360 --> 00:28:09,690
reasons aren't for believing somehow do

682
00:28:14,480 --> 00:28:11,370
you know that something is good for us

683
00:28:17,529 --> 00:28:14,490
or bad for us an evening with Ben

684
00:28:20,440 --> 00:28:17,539
Goldacre homeopathic hucksters

685
00:28:23,090 --> 00:28:20,450
nonsensical naturopaths

686
00:28:25,820 --> 00:28:23,100
anti-intellectual anti-vaxxers slippery

687
00:28:28,370 --> 00:28:25,830
statisticians the journalists daring to

688
00:28:31,090 --> 00:28:28,380

declare meets is critically carcinogenic

689

00:28:34,159 --> 00:28:31,100

let's not forget fraudulent

690

00:28:35,779 --> 00:28:34,169

pharmaceutical firms so when the public

691

00:28:38,539 --> 00:28:35,789

is kept in the dark about the

692

00:28:41,360 --> 00:28:38,549

detrimental duplicity of these

693

00:28:42,620 --> 00:28:41,370

declarations how many scientists does it

694

00:28:46,010 --> 00:28:42,630

take to screw in a light bulb that

695

00:28:48,169 --> 00:28:46,020

illuminates the facts just one talk to

696

00:28:50,860 --> 00:28:48,179

ben goldacre shining a light in

697

00:28:53,810 --> 00:28:50,870

Australia and New Zealand this September

698

00:28:56,360 --> 00:28:53,820

an evening with a Ben Goldacre is

699

00:28:58,639 --> 00:28:56,370

brought to you by think ink the folks

700

00:29:01,730 --> 00:28:58,649

behind the Australian tours of dr. Neil

701
00:29:05,000 --> 00:29:01,740
deGrasse Tyson James the amazing Randi

702
00:29:06,830 --> 00:29:05,010
Steve Wozniak and many more Ben Goldacre

703
00:29:09,620 --> 00:29:06,840
will be speaking in Brisbane Melbourne

704
00:29:16,519 --> 00:29:09,630
Auckland and Sydney and to get your

705
00:29:19,700 --> 00:29:16,529
tickets visit www and I hope to see you

706
00:29:33,340 --> 00:29:19,710
at the Sydney talk on Sunday the 25th

707
00:29:39,610 --> 00:29:37,270
oh the new age what lovely new age music

708
00:29:41,320 --> 00:29:39,620
that is written by stefan Soyka now

709
00:29:42,760 --> 00:29:41,330
quite often on the show you'll hear is

710
00:29:45,010 --> 00:29:42,770
talking about the mind-body-spirit

711
00:29:47,770 --> 00:29:45,020
festival what we love to call it the

712
00:29:49,510 --> 00:29:47,780
mind-body wallet festival well digging

713
00:29:52,029 --> 00:29:49,520

through the archives I discovered a

714

00:29:54,820 --> 00:29:52,039

video Stefan soika and I made when we

715

00:29:57,970 --> 00:29:54,830

were doing video reports for net FM and

716

00:30:01,690 --> 00:29:57,980

early internet radio station here is the

717

00:30:04,799 --> 00:30:01,700

audio of Stefan and I visiting the

718

00:30:10,030 --> 00:30:04,809

mind-body wallet festival way back in

719

00:30:13,690 --> 00:30:11,790

I'm standing at the front of the

720

00:30:15,820 --> 00:30:13,700

mind-body-spirit festival in darling

721

00:30:18,220 --> 00:30:15,830

harbour and I've come here to sort out a

722

00:30:20,350 --> 00:30:18,230

few of my personal issues a few health

723

00:30:23,230 --> 00:30:20,360

problems a few mental problems and a few

724

00:30:26,530 --> 00:30:23,240

sexual problems and I'm hoping that with

725

00:30:28,600 --> 00:30:26,540

the help of a bit of body touch a bit of

726

00:30:30,550 --> 00:30:28,610

meditation bit of crystals bit of

727

00:30:32,500 --> 00:30:30,560

chanting I'm going to sort it all out at

728

00:30:34,780 --> 00:30:32,510

the mind-body-spirit festival here at

729

00:30:37,690 --> 00:30:34,790

darling harbour so what is actual haja

730

00:30:39,040 --> 00:30:37,700

therapy of therapy is a basic form to

731

00:30:41,320 --> 00:30:39,050

using the comfort privacy of your own

732

00:30:42,430 --> 00:30:41,330

home in your own barf yeah you can

733

00:30:44,230 --> 00:30:42,440

actually sit on and you get a desired

734

00:30:46,720 --> 00:30:44,240

effect but now I don't get off that the

735

00:30:47,890 --> 00:30:46,730

women do there are women do so yes what

736

00:30:49,900 --> 00:30:47,900

you've got there is actually what we

737

00:30:52,630 --> 00:30:49,910

call this bill Nina smoothie which is a

738

00:30:54,070 --> 00:30:52,640

special brand of fruit juice banana and

739

00:30:55,720 --> 00:30:54,080

then we add the spirulina to it for that

740

00:30:57,310 --> 00:30:55,730

extra nutritional boost do you provide

741

00:30:58,840 --> 00:30:57,320

the recipe for the smoothie your

742

00:31:00,820 --> 00:30:58,850

smoothie recipes on the back of the

743

00:31:02,170 --> 00:31:00,830

bottle of god yes it's on the negative

744

00:31:03,730 --> 00:31:02,180

model thank goodness for that because if

745

00:31:04,990 --> 00:31:03,740

I'm gonna get some spirulina I want to

746

00:31:07,330 --> 00:31:05,000

drink it in this form because it's

747

00:31:09,610 --> 00:31:07,340

actually very very tasty here we are at

748

00:31:12,400 --> 00:31:09,620

the wall of psychics here outside the

749

00:31:14,410 --> 00:31:12,410

tarot clairvoyant and psychic room he

750

00:31:15,760 --> 00:31:14,420

had mind-body-spirit festival every one

751
00:31:18,040 --> 00:31:15,770
of these psychics here with their

752
00:31:19,240 --> 00:31:18,050
credentials of what they do you can

753
00:31:20,770 --> 00:31:19,250
check them out and they're all

754
00:31:22,900 --> 00:31:20,780
categorized by color because obviously

755
00:31:24,520 --> 00:31:22,910
they're using different chakras to ER to

756
00:31:26,740 --> 00:31:24,530
use their psychic powers and then you

757
00:31:28,780 --> 00:31:26,750
can book them in here for a reading here

758
00:31:30,910 --> 00:31:28,790
today and it's amazing the similarity

759
00:31:33,040 --> 00:31:30,920
between this wall of psychics here and

760
00:31:35,500 --> 00:31:33,050
the wall of victims from the sep tember

761
00:31:37,180 --> 00:31:35,510
11 bombing in our new york very very

762
00:31:39,130 --> 00:31:37,190
similar look to the wall and the funny

763
00:31:41,650 --> 00:31:39,140

thing is not one of these people

764

00:31:44,800 --> 00:31:41,660

actually predicted the september 11

765

00:31:46,750 --> 00:31:44,810

bombings in New York what's going on

766

00:31:49,510 --> 00:31:46,760

here today lots of weird and wonderful

767

00:31:51,640 --> 00:31:49,520

things actually this interruption yep

768

00:31:53,650 --> 00:31:51,650

it's called the Dreamweaver dreamweaver

769

00:31:55,150 --> 00:31:53,660

that's a great night it is I didn't

770

00:31:56,650 --> 00:31:55,160

think of it but that's what the inventor

771

00:32:00,610 --> 00:31:56,660

calls it and it's a combination of

772

00:32:02,740 --> 00:32:00,620

sacred geometry yep and sound therapy so

773

00:32:03,630 --> 00:32:02,750

the shape is a dodecahedron which is one

774

00:32:06,420 --> 00:32:03,640

of the five

775

00:32:08,040 --> 00:32:06,430

solid love them I think I recognize this

776

00:32:13,020 --> 00:32:08,050

molecule as well because it looks a lot

777

00:32:14,790 --> 00:32:13,030

like the the cannabis molecule it's not

778

00:32:17,220 --> 00:32:14,800

that you on net TV that's why the

779

00:32:18,750 --> 00:32:17,230

specially not to inhaling yes not only

780

00:32:20,940 --> 00:32:18,760

is this mind-body-spirit festival a

781

00:32:24,750 --> 00:32:20,950

place of enlightenment it's also a house

782

00:32:28,050 --> 00:32:24,760

of fashion this is the Batman look for

783

00:32:31,230 --> 00:32:28,060

the shin bio Health Products wear it

784

00:32:33,110 --> 00:32:31,240

anywhere and feel good sound therapy can

785

00:32:35,960 --> 00:32:33,120

you explain a bit about that certainly

786

00:32:38,580 --> 00:32:35,970

for people who have hearing damage

787

00:32:41,100 --> 00:32:38,590

problems with theory is sound therapy is

788

00:32:43,260 --> 00:32:41,110

a very therapeutic system using

789

00:32:45,510 --> 00:32:43,270

high-frequency sound yeah which goes

790

00:32:46,800 --> 00:32:45,520

directly into the ear viral walkman yeah

791

00:32:49,140 --> 00:32:46,810

and we found that that high-frequency

792

00:32:51,930 --> 00:32:49,150

sound rehabilitation we have a ninety

793

00:32:54,180 --> 00:32:51,940

percent success rate of healing tinnitus

794

00:32:55,590 --> 00:32:54,190

the other ten percent of people say that

795

00:32:58,380 --> 00:32:55,600

their tinnitus has been greatly reduced

796

00:33:00,000 --> 00:32:58,390

what's actually going on here today okay

797

00:33:02,310 --> 00:33:00,010

we're testing for allergies here food

798

00:33:03,510 --> 00:33:02,320

and environmental yeah you hold on to

799

00:33:06,570 --> 00:33:03,520

the rope which hooks you up to the

800

00:33:08,700 --> 00:33:06,580

machine yeah hey you're connected it in

801
00:33:10,740 --> 00:33:08,710
each individual food is then introduced

802
00:33:12,600 --> 00:33:10,750
it's a reading through your energy

803
00:33:14,760 --> 00:33:12,610
levels into the food okay you've got

804
00:33:17,580 --> 00:33:14,770
samples of all those different foods in

805
00:33:19,320 --> 00:33:17,590
exact over their tubes yeah that's

806
00:33:20,970 --> 00:33:19,330
pretty good the what is pranic healing

807
00:33:23,730 --> 00:33:20,980
I'm pranic healing is the use of

808
00:33:25,980 --> 00:33:23,740
universal energy where we actually

809
00:33:27,750 --> 00:33:25,990
access the energy and we use it to

810
00:33:29,430 --> 00:33:27,760
cleanse people's chakras and auras and

811
00:33:32,670 --> 00:33:29,440
show them a way of empowering themselves

812
00:33:34,620 --> 00:33:32,680
for the use of balancing their energies

813
00:33:36,420 --> 00:33:34,630

okay so how do you do it then how does

814

00:33:38,970 --> 00:33:36,430

actually work we sensitize our hands and

815

00:33:40,920 --> 00:33:38,980

scan quote on people's auras and chakras

816

00:33:42,600 --> 00:33:40,930

and by through that process we can work

817

00:33:44,130 --> 00:33:42,610

out if they're congested or if they're

818

00:33:46,260 --> 00:33:44,140

depleted and we use that process of

819

00:33:48,840 --> 00:33:46,270

cleansing and energizing we also use

820

00:33:51,140 --> 00:33:48,850

some crystals they've been programmed my

821

00:33:53,690 --> 00:33:51,150

chakras are all chakra doubt my aura has

822

00:33:56,370 --> 00:33:53,700

basically gone down the drain my

823

00:33:59,820 --> 00:33:56,380

Kundalini has spiraled he said

824

00:34:01,020 --> 00:33:59,830

non-existence I've had it this is Stefan

825

00:34:04,730 --> 00:34:01,030

Vanetta femme

826
00:34:09,149 --> 00:34:07,110
not much has changed since that report

827
00:34:12,260 --> 00:34:09,159
was made of the mind-body wallet but

828
00:34:15,899 --> 00:34:12,270
let's go back even further into the past

829
00:34:20,210 --> 00:34:15,909
30 years now here's a report from the

830
00:34:27,149 --> 00:34:20,220
ABC tv's 730 report from about 1985 or

831
00:34:29,730 --> 00:34:27,159
1986 about a mind body spirit but what's

832
00:34:32,040 --> 00:34:29,740
the festival all about the understanding

833
00:34:34,770 --> 00:34:32,050
of inner strengths and energies the

834
00:34:37,620 --> 00:34:34,780
power of crystals and pyramids or is it

835
00:34:40,260 --> 00:34:37,630
simply marketing to the gullible cynics

836
00:34:47,460 --> 00:34:40,270
will welcome at day one so we sent along

837
00:34:49,680 --> 00:34:47,470
our resident skeptic Jeff Sims we are

838
00:34:52,620 --> 00:34:49,690

here they are for a new age singing

839

00:34:55,620 --> 00:34:52,630

lesson \$25 plus six dollars general

840

00:34:57,180 --> 00:34:55,630

admission great value if you're into

841

00:34:59,250 --> 00:34:57,190

this sort of thing that if you're not

842

00:35:03,670 --> 00:34:59,260

you wouldn't be here you'll get your

843

00:35:20,710 --> 00:35:17,680

oh boy again sorry give you a

844

00:35:23,260 --> 00:35:20,720

state-owned hopeless that's not what

845

00:35:24,940 --> 00:35:23,270

this is about the mind-body-spirit

846

00:35:26,770 --> 00:35:24,950

festival is supposed to be founded on

847

00:35:29,950 --> 00:35:26,780

hope the belief that anything is

848

00:35:31,990 --> 00:35:29,960

possible yeah we're doing breathing to

849

00:35:34,450 --> 00:35:32,000

help people regenerate their body like

850

00:35:37,299 --> 00:35:34,460

improve their looks and deal with

851
00:35:39,640 --> 00:35:37,309
varicose veins things like that here the

852
00:35:41,859 --> 00:35:39,650
powers of the pyramids are old hat and

853
00:35:44,589 --> 00:35:41,869
crystals they're full of energy and

854
00:35:50,490 --> 00:35:44,599
rainbows under the best things in life

855
00:35:56,500 --> 00:35:53,500
in places it looks like a festival of

856
00:35:59,080 --> 00:35:56,510
prostration teaching legs new ways of

857
00:36:01,319 --> 00:35:59,090
using sleeping bags the particular

858
00:36:03,509 --> 00:36:01,329
points I'm working here

859
00:36:06,569 --> 00:36:03,519
it's releasing any tension in the

860
00:36:08,370 --> 00:36:06,579
intestines itself I've sort of muscular

861
00:36:10,469 --> 00:36:08,380
think it's an intestinal yeah it's

862
00:36:13,769 --> 00:36:10,479
referring through to the back of the

863
00:36:15,839 --> 00:36:13,779

body the message is profound it

864

00:36:19,259 --> 00:36:15,849

apparently takes a great mind to come up

865

00:36:22,559 --> 00:36:19,269

with these things be happy walk tall

866

00:36:24,630 --> 00:36:22,569

take it all in your stride I don't

867

00:36:27,420 --> 00:36:24,640

program I don't think oh I want to make

868

00:36:29,249 --> 00:36:27,430

love with Robert Redford but I just kind

869

00:36:31,769 --> 00:36:29,259

of go to sleep and just accept whatever

870

00:36:34,229 --> 00:36:31,779

comes is the way that I do it the lesson

871

00:36:36,089 --> 00:36:34,239

here is about dream lovers for six

872

00:36:39,209 --> 00:36:36,099

dollars for an hour-long session learn

873

00:36:42,359 --> 00:36:39,219

how to have safe sex by yourself while

874

00:36:44,459 --> 00:36:42,369

asleep what is that night the extent of

875

00:36:46,349 --> 00:36:44,469

the sexual experience isn't my idea of a

876

00:36:48,959 --> 00:36:46,359

dream lover is it can be anything from

877

00:36:53,979 --> 00:36:48,969

just a really warm loving embrace all

878

00:36:59,930 --> 00:36:57,349

learn to achieve the amazing get tennis

879

00:37:02,059 --> 00:36:59,940

elbow without a tennis arm and don't

880

00:37:04,160 --> 00:37:02,069

forget your feet what's so special about

881

00:37:06,199 --> 00:37:04,170

the sandal they atomically decide foot

882

00:37:08,150 --> 00:37:06,209

bedding there were atomic a designer

883

00:37:10,279 --> 00:37:08,160

tamil any time not another target Anna

884

00:37:12,559 --> 00:37:10,289

tired it's not explosive not explosive

885

00:37:14,239 --> 00:37:12,569

no absolutely not they have the good

886

00:37:16,759 --> 00:37:14,249

medical alert permitted how's life

887

00:37:19,009 --> 00:37:16,769

support in here you might see along the

888

00:37:21,170 --> 00:37:19,019

to the large support don't you spoil the

889

00:37:23,390 --> 00:37:21,180

effect though by wearing your socks with

890

00:37:25,279 --> 00:37:23,400

them well you spoiled a certain amount

891

00:37:27,709 --> 00:37:25,289

of your effect because you have these

892

00:37:30,680 --> 00:37:27,719

couple start server you know the couple

893

00:37:33,199 --> 00:37:30,690

starts gives you a massage if it can

894

00:37:35,630 --> 00:37:33,209

also they have some influence on your

895

00:37:37,729 --> 00:37:35,640

reflex area what are these things kappa

896

00:37:40,130 --> 00:37:37,739

this is cover these black points i'll

897

00:37:41,539 --> 00:37:40,140

cop I oxidated a bit this how you can

898

00:37:42,739 --> 00:37:41,549

see them or better than this one I sure

899

00:37:44,839 --> 00:37:42,749

they make your feet they're green do

900

00:37:47,449 --> 00:37:44,849

that it may go speed go green a bit I

901
00:37:49,309 --> 00:37:47,459
used to have a scare of my lungs I used

902
00:37:52,249 --> 00:37:49,319
to be blind partially blind with a large

903
00:37:54,920 --> 00:37:52,259
you can see the large hole there I can

904
00:37:57,259 --> 00:37:54,930
see I used to be short-sighted I'm not

905
00:37:58,579 --> 00:37:57,269
short-sighted anymore I said I used to

906
00:37:59,900 --> 00:37:58,589
have chronic bronchitis I don't have

907
00:38:00,949 --> 00:37:59,910
that I used to be a hyperactive I don't

908
00:38:04,609 --> 00:38:00,959
have that and that's through breathing

909
00:38:06,920 --> 00:38:04,619
breathing that's new well new age old

910
00:38:09,799 --> 00:38:06,930
age never mind your age a sketch is a

911
00:38:12,259 --> 00:38:09,809
sketch isn't it this is my one trapezius

912
00:38:13,729 --> 00:38:12,269
my trapezius top of the back muscles why

913
00:38:15,469 --> 00:38:13,739

do you want to lengthen my trapezius

914

00:38:17,479 --> 00:38:15,479

because most people's trapezius is

915

00:38:18,859 --> 00:38:17,489

pulled up Paul would type II because

916

00:38:21,170 --> 00:38:18,869

they raise their shoulders too much

917

00:38:22,910 --> 00:38:21,180

either in effort in being pushed at

918

00:38:24,380 --> 00:38:22,920

desks that don't fit them or women carry

919

00:38:25,789 --> 00:38:24,390

shoulder bags a perpetually so they'd

920

00:38:27,390 --> 00:38:25,799

hunch their shoulders i'm not gonna be

921

00:38:31,259 --> 00:38:27,400

carrying a shoulder bag on

922

00:38:37,139 --> 00:38:34,380

is this dancing method New Age rhythm or

923

00:38:40,380 --> 00:38:37,149

a Middle Ages fertility dance it's also

924

00:38:44,489 --> 00:38:40,390

natural and let's not forget anything's

925

00:38:46,979 --> 00:38:44,499

possible now introducing new age food a

926
00:38:55,579 --> 00:38:46,989
revolutionary high energy from within

927
00:39:03,950 --> 00:38:58,739
basically it's a mat which fits in the

928
00:39:07,319 --> 00:39:03,960
bottom of your bath and replaces

929
00:39:11,279 --> 00:39:07,329
basically a spa bath that is installed

930
00:39:13,230 --> 00:39:11,289
in great cost and expense I guess water

931
00:39:15,420 --> 00:39:13,240
where would you be in the new age

932
00:39:19,010 --> 00:39:15,430
without it it's as if it's just been

933
00:39:24,020 --> 00:39:21,530
well tell me what is new age about your

934
00:39:27,470 --> 00:39:24,030
a shower roses well there's a new type

935
00:39:30,170 --> 00:39:27,480
of fish to share there is of course a

936
00:39:33,080 --> 00:39:30,180
flotation tank there had to be and yet

937
00:39:35,360 --> 00:39:33,090
here there's no water or maybe there is

938
00:39:37,760 --> 00:39:35,370

not just not aware of it maybe it's new

939

00:39:39,380 --> 00:39:37,770

age wit free water and it's not the

940

00:39:43,250 --> 00:39:39,390

first time a report has been kept in the

941

00:39:44,930 --> 00:39:43,260

dark there's nothing like a new age man

942

00:39:51,200 --> 00:39:44,940

is there in jeff's UN's is nothing like

943

00:39:54,050 --> 00:39:51,210

a new age man so there you are we look

944

00:39:56,510 --> 00:39:54,060

forward I guess to visiting the next

945

00:39:58,400 --> 00:39:56,520

mind-body wallet festival here in Sydney

946

00:40:00,170 --> 00:39:58,410

I think there should be one coming up in

947

00:40:03,640 --> 00:40:00,180

November or something like that but as

948

00:40:08,100 --> 00:40:03,650

you can hear same old claptrap year

949

00:40:08,110 --> 00:40:18,070

you

950

00:40:24,950 --> 00:40:22,700

sigh con las vegas no it's not an

951
00:40:27,200 --> 00:40:24,960
illusion sigh con is coming to vegas and

952
00:40:29,180 --> 00:40:27,210
you're not just hearing things for too

953
00:40:31,220 --> 00:40:29,190
long skeptics have been wandering the

954
00:40:34,640 --> 00:40:31,230
desert parched and aimless wandering

955
00:40:36,710 --> 00:40:34,650
when oh when will they find an oasis but

956
00:40:38,300 --> 00:40:36,720
just on the horizon hope beckons at last

957
00:40:40,100 --> 00:40:38,310
a chance for critical thinkers from

958
00:40:42,080 --> 00:40:40,110
around the world to celebrate with the

959
00:40:44,050 --> 00:40:42,090
brightest minds and biggest

960
00:40:47,720 --> 00:40:44,060
personalities and science and skepticism

961
00:40:53,510 --> 00:40:47,730
it's no Mirage it's psych on 2016 and

962
00:40:56,180 --> 00:40:53,520
this time it's in Vegas October the 27th

963
00:40:58,160 --> 00:40:56,190

to the 30th come to the Excalibur Hotel

964

00:40:59,600 --> 00:40:58,170

and Casino in Las Vegas where brilliant

965

00:41:03,050 --> 00:40:59,610

speakers will make the City of Light

966

00:41:05,210 --> 00:41:03,060

truly shine with skeptic stars like

967

00:41:07,550 --> 00:41:05,220

evolutionary biologist Richard Dawkins

968

00:41:10,430 --> 00:41:07,560

science education champion Eugenie Scott

969

00:41:13,250 --> 00:41:10,440

30 astronomer Jill tarter and many more

970

00:41:17,510 --> 00:41:13,260

to be announced and yes James the

971

00:41:19,430 --> 00:41:17,520

amazing Randi will be there to Saigon

972

00:41:21,950 --> 00:41:19,440

2016 is a production of the committee

973

00:41:23,930 --> 00:41:21,960

for skeptical inquiry the people who

974

00:41:26,690 --> 00:41:23,940

bring you the skeptical Inquirer

975

00:41:29,780 --> 00:41:26,700

magazine the group that began organized

976
00:41:31,790 --> 00:41:29,790
skepticism a generation ago and what

977
00:41:34,580 --> 00:41:31,800
better location for a conference of

978
00:41:37,490 --> 00:41:34,590
skeptics than a city full of illusions

979
00:41:39,380 --> 00:41:37,500
don't wait unlike claims of celebrity

980
00:41:41,560 --> 00:41:39,390
psychics conspiracy theorists and

981
00:41:46,390 --> 00:41:41,570
ultimate hucksters this is no illusion

982
00:41:52,030 --> 00:41:46,400
psyche on is real register now at wwc

983
00:42:00,460 --> 00:41:52,040
conference org at CSI conference dot org

984
00:42:02,590 --> 00:42:00,470
oh ha hi james randi as if you hadn't

985
00:42:05,290 --> 00:42:02,600
already guessed I've got a wonderful

986
00:42:07,600 --> 00:42:05,300
leaflet here it's titled the conference

987
00:42:11,800 --> 00:42:07,610
dedicated to science and skeptical

988
00:42:16,360 --> 00:42:11,810

inquiry sigh con las vegas october 27 to

989

00:42:18,580 --> 00:42:16,370

30th 2016 and folks it's 2016 right now

990

00:42:20,770 --> 00:42:18,590

so you gotta hurry along and get

991

00:42:23,740 --> 00:42:20,780

registered ok all my friends here

992

00:42:28,120 --> 00:42:23,750

richard dawkins to G Scott Larry crossed

993

00:42:31,690 --> 00:42:28,130

so many and we've got George bra of our

994

00:42:34,360 --> 00:42:31,700

NC this year wonderful canopy of stars

995

00:42:37,300 --> 00:42:34,370

there that I hope you will be able to

996

00:42:40,470 --> 00:42:37,310

come and see along with the app if you

997

00:42:43,840 --> 00:42:40,480

do beat me there and I hope you will I

998

00:42:46,420 --> 00:42:43,850

want you to come directly to me and say

999

00:42:48,960 --> 00:42:46,430

hello Hogan handshake whatever you want

1000

00:42:51,820 --> 00:42:48,970

i'm pretty big on hugs she probably know

1001
00:42:55,270 --> 00:42:51,830
but the important thing is that we get

1002
00:42:59,740 --> 00:42:55,280
to speak person to person okay remember

1003
00:43:12,770 --> 00:42:59,750
Las Vegas psychotic October 27th to 30th

1004
00:43:27,210 --> 00:43:16,740
it's the raw skeptic report with ID

1005
00:43:31,559 --> 00:43:27,220
robertson i'm here with mandy noble and

1006
00:43:33,839 --> 00:43:31,569
skeptic amp 2016 in brisbane and Mandy's

1007
00:43:36,240 --> 00:43:33,849
just given a very interesting talk Mandy

1008
00:43:38,819 --> 00:43:36,250
tell the listeners who you are and what

1009
00:43:41,339 --> 00:43:38,829
you're doing here I'm a student

1010
00:43:43,950 --> 00:43:41,349
dietician I do have a background in

1011
00:43:46,829 --> 00:43:43,960
science and I can't escape to camp today

1012
00:43:50,309 --> 00:43:46,839
to talk to people about woo in the

1013
00:43:53,599 --> 00:43:50,319

health industry and the unknown

1014

00:43:56,010 --> 00:43:53,609

evidence-based practice of qualified

1015

00:43:58,890 --> 00:43:56,020

health professionals and how they can

1016

00:44:01,079 --> 00:43:58,900

act against that if they if they see it

1017

00:44:02,700 --> 00:44:01,089

on the internet or experience any went

1018

00:44:05,010 --> 00:44:02,710

either way how they can put in a

1019

00:44:09,359 --> 00:44:05,020

complaint and some real practical tips

1020

00:44:13,410 --> 00:44:09,369

on how to do that yes you you mentioned

1021

00:44:16,230 --> 00:44:13,420

in your talk the steps to take when you

1022

00:44:18,720 --> 00:44:16,240

see a pseudo-scientific claim can you

1023

00:44:21,660 --> 00:44:18,730

take us through those steps so this

1024

00:44:24,059 --> 00:44:21,670

faucet basic steps so first of all you

1025

00:44:25,620 --> 00:44:24,069

need to establish whether the person is

1026
00:44:28,290 --> 00:44:25,630
claiming to be a health professional is

1027
00:44:29,609 --> 00:44:28,300
what they claim are they registered or

1028
00:44:32,670 --> 00:44:29,619
are they credentialed through a

1029
00:44:34,650 --> 00:44:32,680
self-regulation body once you've done

1030
00:44:37,380 --> 00:44:34,660
that you can use our website like

1031
00:44:39,720 --> 00:44:37,390
archive is and you can archive what

1032
00:44:41,359 --> 00:44:39,730
they've put on the internet or if it's a

1033
00:44:45,270 --> 00:44:41,369
leaflet or something you can take that

1034
00:44:47,370 --> 00:44:45,280
evidence with you the next thing to do

1035
00:44:50,250 --> 00:44:47,380
is to find their code of practice or

1036
00:44:53,550 --> 00:44:50,260
code of conduct and undoubtedly you'll

1037
00:44:56,010 --> 00:44:53,560
find where they have contravened are

1038
00:44:59,040 --> 00:44:56,020

encoded contact and the three places are

1039

00:45:01,620 --> 00:44:59,050

usually find is their operating outside

1040

00:45:03,030 --> 00:45:01,630

of their scope of practice they're using

1041

00:45:05,370 --> 00:45:03,040

the second one will be that they're

1042

00:45:07,589 --> 00:45:05,380

using non evidence-based practice and

1043

00:45:08,760 --> 00:45:07,599

the third one which is really important

1044

00:45:10,829 --> 00:45:08,770

because a lot of people do this is

1045

00:45:12,660 --> 00:45:10,839

they're using patient testimonials and

1046

00:45:16,440 --> 00:45:12,670

that is against the code of practice for

1047

00:45:18,660 --> 00:45:16,450

all health professionals so you can then

1048

00:45:21,450 --> 00:45:18,670

put those together so I just usually do

1049

00:45:24,810 --> 00:45:21,460

a really simple complaint I just list

1050

00:45:26,970 --> 00:45:24,820

the code that's been offended and then

1051

00:45:28,650 --> 00:45:26,980

or they've gone against and I just put

1052

00:45:31,370 --> 00:45:28,660

my little evidence right next to it and

1053

00:45:34,470 --> 00:45:31,380

I send that off to their regulator and

1054

00:45:36,780 --> 00:45:34,480

what kind of a response have you got

1055

00:45:40,080 --> 00:45:36,790

from the regulators in general are they

1056

00:45:41,760 --> 00:45:40,090

are quite willing to act on your

1057

00:45:44,250 --> 00:45:41,770

complaints or what experience of your

1058

00:45:47,640 --> 00:45:44,260

head my experience actually has been

1059

00:45:49,770 --> 00:45:47,650

that it's been quite quick both in first

1060

00:45:51,660 --> 00:45:49,780

recognizing so just recognizing that

1061

00:45:54,450 --> 00:45:51,670

they've received it and the second one

1062

00:45:56,790 --> 00:45:54,460

is getting to the end to a solution and

1063

00:45:59,370 --> 00:45:56,800

I think that that's because you're

1064

00:46:01,350 --> 00:45:59,380

giving the regulator the evidence that

1065

00:46:04,530 --> 00:46:01,360

they can then use your kind of doing the

1066

00:46:06,330 --> 00:46:04,540

work for them but also you've presented

1067

00:46:08,910 --> 00:46:06,340

them with the evidence that you have and

1068

00:46:11,190 --> 00:46:08,920

you always have that the onus is on them

1069

00:46:13,740 --> 00:46:11,200

to do something that's what they're paid

1070

00:46:15,840 --> 00:46:13,750

for if they don't and that health

1071

00:46:17,610 --> 00:46:15,850

professional does cause harm they know

1072

00:46:21,060 --> 00:46:17,620

that you have your evidence that you

1073

00:46:23,540 --> 00:46:21,070

brought this to their attention and what

1074

00:46:26,010 --> 00:46:23,550

can you do if the regulatory body

1075

00:46:28,590 --> 00:46:26,020

doesn't act in in what you think is a

1076

00:46:34,980 --> 00:46:28,600

reasonable manner what who do you go to

1077

00:46:37,950 --> 00:46:34,990

then it's it's really difficult I would

1078

00:46:41,790 --> 00:46:37,960

say that I haven't experienced that yet

1079

00:46:45,990 --> 00:46:41,800

but I think continuing to collect the

1080

00:46:48,080 --> 00:46:46,000

evidence a lot of these codes of conduct

1081

00:46:51,930 --> 00:46:48,090

in that some of them are also actually

1082

00:46:54,180 --> 00:46:51,940

criminal offenses so you can contact I

1083

00:46:56,280 --> 00:46:54,190

suppose EA Triple C or something like

1084

00:46:59,460 --> 00:46:56,290

that if someone's being using misleading

1085

00:47:01,410 --> 00:46:59,470

advertising and they seem to sometimes

1086

00:47:03,720 --> 00:47:01,420

have a little bit more clout than some

1087

00:47:06,210 --> 00:47:03,730

of the regulators so there are options

1088

00:47:08,090 --> 00:47:06,220

but I'm also talking to other skeptics

1089

00:47:10,800 --> 00:47:08,100

and maybe getting a bit of group action

1090

00:47:12,810 --> 00:47:10,810

going so that other people can start

1091

00:47:15,680 --> 00:47:12,820

talking about their experience with the

1092

00:47:19,320 --> 00:47:15,690

same professional or unprofessional

1093

00:47:22,470 --> 00:47:19,330

behaving professional what profession in

1094

00:47:25,350 --> 00:47:22,480

particular have you seen using patient

1095

00:47:31,320 --> 00:47:25,360

testimonials a lot I've seen a lot of

1096

00:47:34,410 --> 00:47:31,330

GPS and doctors you know using so when

1097

00:47:36,510 --> 00:47:34,420

people jump out of this own scope of

1098

00:47:38,760 --> 00:47:36,520

practice and practice something that

1099

00:47:41,010 --> 00:47:38,770

they're not qualified in it is almost

1100

00:47:45,830 --> 00:47:41,020

always or very frequently i should say

1101
00:47:49,110 --> 00:47:45,840
diet and nutrition and so unless you're

1102
00:47:51,750 --> 00:47:49,120
a dietitian in you're not really

1103
00:47:55,980 --> 00:47:51,760
qualified to give diets for people who

1104
00:48:00,320 --> 00:47:55,990
are not the healthy and well so you will

1105
00:48:02,490 --> 00:48:00,330
see I've seen a lot of doctors and

1106
00:48:05,790 --> 00:48:02,500
specialists medical professionals

1107
00:48:08,400 --> 00:48:05,800
putting on their websites diets and

1108
00:48:11,730 --> 00:48:08,410
including testimonials from patients

1109
00:48:13,890 --> 00:48:11,740
about how they've fed using those diets

1110
00:48:16,830 --> 00:48:13,900
you said something else really

1111
00:48:19,710 --> 00:48:16,840
interesting in the talk about health

1112
00:48:24,240 --> 00:48:19,720
professionals using their qualifications

1113
00:48:27,600 --> 00:48:24,250

to lend legitimacy to what you called an

1114

00:48:29,340 --> 00:48:27,610

integrative or holistic approach or

1115

00:48:32,130 --> 00:48:29,350

first of all tell us what your bugbear

1116

00:48:33,810 --> 00:48:32,140

is about the word holistic a lot of

1117

00:48:37,440 --> 00:48:33,820

health gurus like I'm qualified

1118

00:48:39,840 --> 00:48:37,450

professionals will say I'm a holistic

1119

00:48:41,730 --> 00:48:39,850

person practitioner I have a more

1120

00:48:43,920 --> 00:48:41,740

holistic approach than a medical person

1121

00:48:46,530 --> 00:48:43,930

but it's actually completely the

1122

00:48:49,080 --> 00:48:46,540

opposite and I can only really mostly

1123

00:48:51,780 --> 00:48:49,090

speak for Dietetics because that's what

1124

00:48:54,030 --> 00:48:51,790

I'm trained in but we have a really

1125

00:48:55,680 --> 00:48:54,040

holistic approach where we consider

1126

00:48:58,140 --> 00:48:55,690

everything about the person and that's

1127

00:49:01,200 --> 00:48:58,150

why there's not just one diet this

1128

00:49:03,780 --> 00:49:01,210

dietary guidelines and you know takes in

1129

00:49:05,340 --> 00:49:03,790

people's cultural differences tasting

1130

00:49:07,770 --> 00:49:05,350

people's budget differences and people's

1131

00:49:09,840 --> 00:49:07,780

preferences I really believe that the

1132

00:49:12,840 --> 00:49:09,850

holistic term belongs with the true

1133

00:49:14,370 --> 00:49:12,850

health professionals and should be taken

1134

00:49:17,040 --> 00:49:14,380

away from those people who are issuing

1135

00:49:19,560 --> 00:49:17,050

out diet plans it's the kind of word

1136

00:49:21,780 --> 00:49:19,570

that has been hijacked by the word crowd

1137

00:49:24,390 --> 00:49:21,790

isn't it much like in the field of

1138

00:49:28,200 --> 00:49:24,400

vaccination we come across this informed

1139

00:49:31,020 --> 00:49:28,210

consent which has been hijacked by them

1140

00:49:34,170 --> 00:49:31,030

as well there was one particular slide

1141

00:49:36,960 --> 00:49:34,180

that you put up about a certain recipe

1142

00:49:39,150 --> 00:49:36,970

that had a certain ingredient in and I'm

1143

00:49:41,280 --> 00:49:39,160

sure you know the one I'm talking about

1144

00:49:45,060 --> 00:49:41,290

could you tell the listeners what that

1145

00:49:49,080 --> 00:49:45,070

was so it was a recipe for bone broth

1146

00:49:53,460 --> 00:49:49,090

baby custard as delicious as that sounds

1147

00:49:56,520 --> 00:49:53,470

and it did have a raw cream or raw milk

1148

00:49:59,670 --> 00:49:56,530

in it a royal raw dairy product and that

1149

00:50:01,710 --> 00:49:59,680

is really quite alarming to me as a

1150

00:50:05,130 --> 00:50:01,720

dietitian because dietitians do know

1151
00:50:07,110 --> 00:50:05,140
quite a bit about food safety and you

1152
00:50:10,640 --> 00:50:07,120
know raw milk is not a safe thing to be

1153
00:50:13,050 --> 00:50:10,650
giving anyone especially a baby who has

1154
00:50:17,550 --> 00:50:13,060
it's more likely to become sick from a

1155
00:50:20,670 --> 00:50:17,560
from a bug or any bacteria that's in the

1156
00:50:25,440 --> 00:50:20,680
milk listeners might recall my very

1157
00:50:27,630 --> 00:50:25,450
first skeptic zone report was on the

1158
00:50:31,890 --> 00:50:27,640
death of a toddler in Victoria as a

1159
00:50:34,260 --> 00:50:31,900
result of ingesting raw milk well Mandy

1160
00:50:37,080 --> 00:50:34,270
thank you very much for joining us is is

1161
00:50:39,000 --> 00:50:37,090
this your first skeptic app this my

1162
00:50:42,360 --> 00:50:39,010
first skipped account so unfortunately

1163
00:50:45,330 --> 00:50:42,370

last year I was working but my partner

1164

00:50:47,640 --> 00:50:45,340

came last year with our oldest son and

1165

00:50:49,740 --> 00:50:47,650

it's a great thing Brisbane skeptics

1166

00:50:51,930 --> 00:50:49,750

they're a great group they're really

1167

00:50:53,670 --> 00:50:51,940

active and Brisbane skeptics are really

1168

00:50:55,110 --> 00:50:53,680

diverse so when you come along to skip

1169

00:50:58,200 --> 00:50:55,120

the camp you'll learn about a lot of

1170

00:51:01,050 --> 00:50:58,210

different actions and and understandings

1171

00:51:03,720 --> 00:51:01,060

from the skeptic community and Mandy I

1172

00:51:05,730 --> 00:51:03,730

believe you have a podcast where can

1173

00:51:08,520 --> 00:51:05,740

people find you and what's your podcast

1174

00:51:10,380 --> 00:51:08,530

all about so I have a podcast with

1175

00:51:12,450 --> 00:51:10,390

another student dietitian who's also

1176

00:51:15,630 --> 00:51:12,460

about to graduate it's called the

1177

00:51:17,610 --> 00:51:15,640

dieticians dilemma it's about food in

1178

00:51:20,370 --> 00:51:17,620

the media and food and nutrition in

1179

00:51:25,160 --> 00:51:20,380

general and we just discuss what is the

1180

00:51:28,200 --> 00:51:25,170

dietitians sort of look at different

1181

00:51:30,480 --> 00:51:28,210

nutritional issues in the media so just

1182

00:51:32,070 --> 00:51:30,490

um some feedback and but it's very

1183

00:51:34,080 --> 00:51:32,080

laid-back that sort of fun and we talk a

1184

00:51:36,450 --> 00:51:34,090

lot about food as well and we're both

1185

00:51:39,290 --> 00:51:36,460

parents so just just fun food and

1186

00:51:42,840 --> 00:51:39,300

nutrition and dumb that's worthy and

1187

00:51:45,930 --> 00:51:42,850

evidence sounds good so check out

1188

00:51:48,660 --> 00:51:45,940

Mandy's podcast at the dietitians

1189

00:51:50,790 --> 00:51:48,670

dilemma it was a great talk and

1190

00:51:52,470 --> 00:51:50,800

hopefully we'll see you at more skeptics

1191

00:52:11,170 --> 00:51:52,480

events in the future thanks for joining

1192

00:52:15,380 --> 00:52:13,700

the Australian skeptics national

1193

00:52:18,700 --> 00:52:15,390

convention will be held in melbourne

1194

00:52:23,120 --> 00:52:18,710

from the 25th to the 27th of november

1195

00:52:26,329 --> 00:52:23,130

2016 speakers will include Lawrence

1196

00:52:29,839 --> 00:52:26,339

Krauss Ed's odd Ernst Harriet hall

1197

00:52:33,050 --> 00:52:29,849

Michael Marshall Mel Thompson Lynn Kelly

1198

00:52:36,410 --> 00:52:33,060

ken harvey Lara wood and Deanne Carson

1199

00:52:39,890 --> 00:52:36,420

Joe alabaster peterb outage Ross mulch

1200

00:52:42,710 --> 00:52:39,900

Emma Miley mouth vicars and more to be

1201
00:52:46,280 --> 00:52:42,720
announced be theme of this year's

1202
00:52:48,050 --> 00:52:46,290
conferences good thinking for more

1203
00:52:51,530 --> 00:52:48,060
information and to get your tickets and

1204
00:53:11,760 --> 00:52:51,540
tickets for the annual dinner visit www

1205
00:53:17,890 --> 00:53:14,470
thank you for listening to the skeptic

1206
00:53:19,960 --> 00:53:17,900
zone and if you're in Sydney later in

1207
00:53:24,670 --> 00:53:19,970
october i look forward to possibly

1208
00:53:27,940 --> 00:53:24,680
seeing you at folding australia 2016

1209
00:53:30,060 --> 00:53:27,950
origami convention i'll be holding a

1210
00:53:32,500 --> 00:53:30,070
class and how to fold the origami pig

1211
00:53:34,990 --> 00:53:32,510
pegasus the flying pig i invented for

1212
00:53:36,930 --> 00:53:35,000
james randi my good friend gary clark

1213
00:53:41,080 --> 00:53:36,940

will be there to do some modular origami

1214

00:53:43,510 --> 00:53:41,090

you might remember Gary if you're in

1215

00:53:45,970 --> 00:53:43,520

Australia and you watched the recent

1216

00:53:49,420 --> 00:53:45,980

series about births deaths and marriages

1217

00:53:52,180 --> 00:53:49,430

on the ABC TV Gary Clark was one of the

1218

00:53:53,860 --> 00:53:52,190

people who featured in that and some

1219

00:53:55,810 --> 00:53:53,870

people might remember he made origami

1220

00:53:57,130 --> 00:53:55,820

for people anyway he's a good friend of

1221

00:54:01,660 --> 00:53:57,140

mine and he'll be at the origami

1222

00:54:05,500 --> 00:54:01,670

convention to at saturday and suddenly

1223

00:54:07,540 --> 00:54:05,510

that's the 29th and 30th of October and

1224

00:54:09,940 --> 00:54:07,550

that will be held in pots point but for

1225

00:54:12,970 --> 00:54:09,950

more information I just go to skeptics

1226

00:54:16,210 --> 00:54:12,980

own TV for the link in this week's shown

1227

00:54:19,090 --> 00:54:16,220

it and while you are there I encourage

1228

00:54:25,500 --> 00:54:19,100

you to subscribe to the skeptic zone you

1229

00:54:28,690 --> 00:54:25,510

can do it for a dollar an episode cheap

1230

00:54:30,490 --> 00:54:28,700

kobe worth more than that Shirley hmm

1231

00:54:32,830 --> 00:54:30,500

anyway there's a range of options there

1232

00:54:35,500 --> 00:54:32,840

if you care to if you enjoy the show if

1233

00:54:37,060 --> 00:54:35,510

it keeps you company if you look forward

1234

00:54:39,310 --> 00:54:37,070

to hearing it every week and you get

1235

00:54:42,460 --> 00:54:39,320

some benefit out of it you might

1236

00:54:44,620 --> 00:54:42,470

consider subscribing by our patreon or

1237

00:54:47,160 --> 00:54:44,630

just through paypal the options are

1238

00:54:52,480 --> 00:54:47,170

there for you at skeptic zone TV and

1239

00:54:54,130 --> 00:54:52,490

your generous contributions means the

1240

00:54:56,920 --> 00:54:54,140

show keeps going and we can afford to

1241

00:54:58,800 --> 00:54:56,930

buy things like recording equipment from

1242

00:55:02,050 --> 00:54:58,810

time to time or get our reporters around

1243

00:55:04,690 --> 00:55:02,060

especially maynard we like to get main

1244

00:55:06,970 --> 00:55:04,700

aren't around oh if you haven't visited

1245

00:55:08,770 --> 00:55:06,980

Maynard calm day you I encourage you to

1246

00:55:11,910 --> 00:55:08,780

do so to listen to the fabulous Maynard

1247

00:55:14,200 --> 00:55:11,920

podcasts including bunga bunga and

1248

00:55:15,940 --> 00:55:14,210

recently he's had to put out a special

1249

00:55:19,840 --> 00:55:15,950

about the new australian movie coming

1250

00:55:21,630 --> 00:55:19,850

out called spit out directed by our good

1251

00:55:24,620 --> 00:55:21,640

friend tim ferguson who appears

1252

00:55:27,690 --> 00:55:24,630

the skeptic zone from time to time and

1253

00:55:29,940 --> 00:55:27,700

hands up vested interest here I do like

1254

00:55:32,160 --> 00:55:29,950

to support the local TV and film

1255

00:55:34,829 --> 00:55:32,170

industry because I do part-time work in

1256

00:55:37,319 --> 00:55:34,839

that industry but apart from that it's

1257

00:55:39,150 --> 00:55:37,329

nice to her it's nice to support a

1258

00:55:40,859 --> 00:55:39,160

friend coming up next week on the

1259

00:55:42,240 --> 00:55:40,869

skeptics own talking about friends

1260

00:55:44,970 --> 00:55:42,250

another old friend of skeptics owns

1261

00:55:47,069 --> 00:55:44,980

sharon hill from doubtful news joins us

1262

00:55:49,109 --> 00:55:47,079

to tell us the latest goings-on at

1263

00:55:51,599 --> 00:55:49,119

doubtful news and then the week after

1264

00:55:53,370 --> 00:55:51,609

that as mentioned earlier we hope to

1265

00:55:56,970 --> 00:55:53,380

have in fact we're lining it up an

1266

00:55:59,130 --> 00:55:56,980

interview with my distant cousin ben

1267

00:56:01,650 --> 00:55:59,140

goldacre who's touring australia and new

1268

00:56:03,509 --> 00:56:01,660

zealand in a few weeks but for this week

1269

00:56:11,630 --> 00:56:03,519

this is Richard Saunders signing off

1270

00:56:17,819 --> 00:56:14,039

you've been listening to the skeptic

1271

00:56:20,789 --> 00:56:17,829

zone podcast visit our website at WCA

1272

00:56:24,690 --> 00:56:20,799

pegs on TV for contacts an archive of

1273

00:56:27,329 --> 00:56:24,700

all episodes since 2008 and our online

1274

00:56:30,049 --> 00:56:27,339

store please support the skeptic zone by

1275

00:56:33,059 --> 00:56:30,059

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1276

00:56:36,120 --> 00:56:33,069

liking us on facebook and leaving a

1277

00:56:38,970 --> 00:56:36,130

review on iTunes you can also show your

1278

00:56:42,450 --> 00:56:38,980

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1279

00:56:44,789 --> 00:56:42,460

little as 99 cents a week the skeptic

1280

00:56:46,499 --> 00:56:44,799

zone is an independent production the

1281

00:56:48,599 --> 00:56:46,509

views and opinions expressed on the

1282

00:56:51,289 --> 00:56:48,609

skeptic zone and not necessarily those

1283

00:57:01,640 --> 00:56:51,299

Australian skeptics or any other

1284

00:57:08,359 --> 00:57:04,730

alright mr. Scott an entire