

1
00:00:05,960 --> 00:00:11,870
welcome to the skeptic zone the podcast

2
00:00:09,119 --> 00:00:13,939
from Australia for science and reason

3
00:00:11,869 --> 00:00:16,910
[Music]

4
00:00:13,939 --> 00:00:22,390
[Applause]

5
00:00:16,910 --> 00:00:24,920
[Music]

6
00:00:22,390 --> 00:00:28,580
yes it's the skeptic zone podcast

7
00:00:24,920 --> 00:00:31,550
episode number 564 for the 11th of

8
00:00:28,579 --> 00:00:36,189
August 2019 which it Saunders here with

9
00:00:31,550 --> 00:00:38,390
you from Sydney Australia cold snap this

10
00:00:36,189 --> 00:00:42,079
cold snap

11
00:00:38,390 --> 00:00:45,198
what does heat do with cold snaps snow

12
00:00:42,079 --> 00:00:51,670
not in Sydney but close by Sydney in the

13
00:00:45,198 --> 00:00:55,070
mountains freezing winds icebergs sleet

14
00:00:51,670 --> 00:00:57,650
polar bears you name it actually it's

15
00:00:55,070 --> 00:01:00,140
the sort of weather I like coming up on

16
00:00:57,649 --> 00:01:02,689
this week's show I catch up with a

17
00:01:00,140 --> 00:01:05,390
friend I've never met Pontus Bookman

18
00:01:02,689 --> 00:01:07,819
from Sweden Qantas is part of the

19
00:01:05,390 --> 00:01:10,040
European sceptics podcast one of the

20
00:01:07,819 --> 00:01:14,239
three people doing that as they like to

21
00:01:10,040 --> 00:01:16,700
say the real ESP experience Pontus will

22
00:01:14,239 --> 00:01:19,640
be telling us about recent victories for

23
00:01:16,700 --> 00:01:23,000
skeptics in Sweden and also about the

24
00:01:19,640 --> 00:01:26,239
upcoming European skeptics Congress in

25
00:01:23,000 --> 00:01:28,849
Belgium the joy of skepticism

26
00:01:26,239 --> 00:01:32,239
it says here looking quickly at the

27
00:01:28,849 --> 00:01:35,509
European skeptics Congress page 18th

28
00:01:32,239 --> 00:01:38,060
European skeptics Congress 2019 every

29

00:01:35,510 --> 00:01:40,219
other year skeptics from all over Europe

30
00:01:38,060 --> 00:01:42,170
come together to meet at a skeptics

31
00:01:40,219 --> 00:01:44,569
Congress they listen to talks about a

32
00:01:42,170 --> 00:01:46,640
variety of subjects participate in

33
00:01:44,569 --> 00:01:48,889
debates exchange experiences with

34
00:01:46,640 --> 00:01:49,939
colleagues from abroad while having a

35
00:01:48,890 --> 00:01:52,430
great time together

36
00:01:49,939 --> 00:01:55,039
this year we are meeting in Ghent one of

37
00:01:52,430 --> 00:01:57,170
the great historical cities in Belgium

38
00:01:55,040 --> 00:01:59,570
home to one of its main universities

39
00:01:57,170 --> 00:02:02,570
with a pre-program skeptics in the pub

40
00:01:59,569 --> 00:02:04,549
event in the center of Brussels come and

41
00:02:02,569 --> 00:02:07,219
join us for three to four days of fun

42
00:02:04,549 --> 00:02:10,250
and learning and don't forget to sample

43
00:02:07,219 --> 00:02:12,318

Belgium's fine beers and chocolates

44

00:02:10,250 --> 00:02:13,150

while you're there that sounds pretty

45

00:02:12,318 --> 00:02:30,889

good

46

00:02:13,150 --> 00:02:34,110

that website by the way is e s C 201.57

47

00:02:30,889 --> 00:02:36,419

a at the Australian Museum just

48

00:02:34,110 --> 00:02:37,800

yesterday Ian Bryce from the Australian

49

00:02:36,419 --> 00:02:41,309

skeptics and the mystery investigators

50

00:02:37,800 --> 00:02:45,060

and a high performed two shows at the

51

00:02:41,310 --> 00:02:47,849

Museum - absolutely packed houses as

52

00:02:45,060 --> 00:02:50,699

that they say it was very nice to see so

53

00:02:47,849 --> 00:02:53,310

many people line up outside the door to

54

00:02:50,699 --> 00:02:55,849

get into our shows in fact in fact

55

00:02:53,310 --> 00:02:59,280

people had to be turned away which was

56

00:02:55,849 --> 00:03:02,129

quite something really a report about

57

00:02:59,280 --> 00:03:05,090

the show and a report about science day

58
00:03:02,129 --> 00:03:07,799
in the museum itself with only one

59
00:03:05,090 --> 00:03:10,620
disappointing aspect and that was a

60
00:03:07,800 --> 00:03:14,219
little bit of quackery a little bit of

61
00:03:10,620 --> 00:03:17,219
silly quackery snuck in to a science

62
00:03:14,219 --> 00:03:19,979
event find out more soon then to round

63
00:03:17,219 --> 00:03:22,739
off the show we dive into the pages of

64
00:03:19,979 --> 00:03:26,310
the skeptic magazine way back to 1996

65
00:03:22,739 --> 00:03:29,009
and read about some skeptical activism

66
00:03:26,310 --> 00:03:31,640
way back then when Glenn Cardwell sent

67
00:03:29,009 --> 00:03:35,179
in a complaint to a magazine about an

68
00:03:31,639 --> 00:03:37,829
advertisement for the vinegar book

69
00:03:35,180 --> 00:03:39,810
vinegar and it's quite interesting to

70
00:03:37,830 --> 00:03:42,450
note that the author of this book like a

71
00:03:39,810 --> 00:03:44,340
lot of quacks tends to think that their

72
00:03:42,449 --> 00:03:46,919
pet quackery can solve everything

73
00:03:44,340 --> 00:03:49,979
I think the prime example is homeopathy

74
00:03:46,919 --> 00:03:53,958
where proponents of homeopathy think it

75
00:03:49,979 --> 00:03:56,369
is the mystical cure-all for everything

76
00:03:53,959 --> 00:03:58,670
everything and the group here in

77
00:03:56,370 --> 00:04:02,099
Australia called homeopathy plus I note

78
00:03:58,669 --> 00:04:04,259
regularly put out newsletters about what

79
00:04:02,099 --> 00:04:06,090
homeopathy can fix and cure and help I

80
00:04:04,259 --> 00:04:10,019
think something to do with radiation

81
00:04:06,090 --> 00:04:13,709
damage but that's that's a hallmark of

82
00:04:10,019 --> 00:04:15,900
quackery your fill in the blank here pet

83
00:04:13,709 --> 00:04:18,478
quackery can fix this this this this

84
00:04:15,900 --> 00:04:20,910
this this and lots of other things

85
00:04:18,478 --> 00:04:23,519
anyway find out about the skeptical

86

00:04:20,910 --> 00:04:25,919
activism all those years ago towards the

87
00:04:23,519 --> 00:04:28,189
end of the show stay tuned at the end of

88
00:04:25,918 --> 00:04:31,079
the show for more announcements from me

89
00:04:28,189 --> 00:04:32,910
but now it's time for me to run

90
00:04:31,079 --> 00:04:35,279
downstairs put the kettle on and have a

91
00:04:32,910 --> 00:04:39,180
nice big mug of hot chocolate on such a

92
00:04:35,279 --> 00:04:42,359
cold day do I have any marshmallows oh I

93
00:04:39,180 --> 00:04:44,129
don't think so oh well just a mug of hot

94
00:04:42,360 --> 00:04:46,379
chocolate well I do that I hope you

95
00:04:44,129 --> 00:04:53,819
enjoy the skeptics are

96
00:04:46,379 --> 00:04:56,800
[Music]

97
00:04:53,819 --> 00:05:07,449
[Applause]

98
00:04:56,800 --> 00:05:10,310
[Music]

99
00:05:07,449 --> 00:05:12,710
and joining me now from the city of

100
00:05:10,310 --> 00:05:15,139

Malmo which is in the south of Sweden

101

00:05:12,709 --> 00:05:17,000

and people who know the TV show the

102

00:05:15,139 --> 00:05:19,728

bridge which was very popular in

103

00:05:17,000 --> 00:05:22,459

Australia certainly know now no it's

104

00:05:19,728 --> 00:05:25,490

pontus from the european sceptics

105

00:05:22,459 --> 00:05:28,879

podcast ESP and the Swedish sceptics

106

00:05:25,490 --> 00:05:31,519

hello hello Richard so good to talk to

107

00:05:28,879 --> 00:05:32,839

you it's interesting isn't it because I

108

00:05:31,519 --> 00:05:34,549

was just thinking before this interview

109

00:05:32,839 --> 00:05:37,909

started I've got a lot of friends around

110

00:05:34,550 --> 00:05:39,860

the world whom I have never met but I've

111

00:05:37,910 --> 00:05:41,479

sort of met you because we've spoken in

112

00:05:39,860 --> 00:05:43,098

the past and I can see you on the video

113

00:05:41,478 --> 00:05:46,899

but I've never actually seen you in

114

00:05:43,098 --> 00:05:49,610

person no we have to fix that sometime I

115
00:05:46,899 --> 00:05:53,060
would I think I'll take you up on that

116
00:05:49,610 --> 00:05:55,400
offer I went to Sweden briefly odd over

117
00:05:53,060 --> 00:05:57,620
20 years ago I was in Sweden for New

118
00:05:55,399 --> 00:05:59,299
Year's once in the south of Sweden and I

119
00:05:57,620 --> 00:06:02,000
walked on an ice lake which was

120
00:05:59,300 --> 00:06:04,310
fantastic and a few years ago I was in

121
00:06:02,000 --> 00:06:06,649
Oslo which I love so yes one year I will

122
00:06:04,310 --> 00:06:09,079
have to make my way to Sweden but please

123
00:06:06,649 --> 00:06:12,370
for the sake of our worldwide audience

124
00:06:09,079 --> 00:06:15,978
what's the state of skepticism in Sweden

125
00:06:12,370 --> 00:06:18,829
yeah Oh in Sweden or in Europe in

126
00:06:15,978 --> 00:06:22,189
general I mean we have there's so much

127
00:06:18,829 --> 00:06:24,439
to tell really I think in in Sweden

128
00:06:22,189 --> 00:06:27,228
we've actually had just a very big win

129
00:06:24,439 --> 00:06:30,620
for skepticism and that is Oh excellent

130
00:06:27,228 --> 00:06:33,969
please look at anthroposophical medicine

131
00:06:30,620 --> 00:06:37,370
so-called medicine will no longer be

132
00:06:33,970 --> 00:06:39,949
allowed to sell be sold in Sweden from

133
00:06:37,370 --> 00:06:42,259
1st of September this year so is this

134
00:06:39,949 --> 00:06:44,750
this has been a theme that we've been

135
00:06:42,259 --> 00:06:47,689
fighting for a long time there was an

136
00:06:44,750 --> 00:06:51,620
exception introduced I think several

137
00:06:47,689 --> 00:06:54,728
decades ago saying that one clinic and

138
00:06:51,620 --> 00:06:57,709
one pharmacy were allowed to sell these

139
00:06:54,728 --> 00:07:00,769
nonsense products even though they were

140
00:06:57,709 --> 00:07:04,158
not formally approved as medicine

141
00:07:00,769 --> 00:07:05,629
because how could they be and eventually

142
00:07:04,158 --> 00:07:09,079
well fine

143

00:07:05,629 --> 00:07:12,469
the this exception has been phased out

144
00:07:09,079 --> 00:07:14,930
and from the 1st of September both the

145
00:07:12,470 --> 00:07:17,840
clinic will closed and the pharmacy will

146
00:07:14,930 --> 00:07:20,449
close and all anthroposophical medicine

147
00:07:17,839 --> 00:07:21,199
is no longer allowed in Sweden so that's

148
00:07:20,449 --> 00:07:23,779
great

149
00:07:21,199 --> 00:07:26,300
what for people like me who aren't too

150
00:07:23,779 --> 00:07:28,039
sure what can you tell me about that

151
00:07:26,300 --> 00:07:29,360
sort of medicine what's the basis of it

152
00:07:28,040 --> 00:07:32,510
is it like homeopathy

153
00:07:29,360 --> 00:07:35,180
well it seems inspired by homeopathy but

154
00:07:32,509 --> 00:07:38,180
the antrum the anthroposophical movement

155
00:07:35,180 --> 00:07:40,189
become very testy and irritated when you

156
00:07:38,180 --> 00:07:43,670
call it homeopathy because there's

157
00:07:40,189 --> 00:07:46,189

there's a little bit in it not it's not

158

00:07:43,670 --> 00:07:48,379

totally Laimbeer so mapa the-- but it's

159

00:07:46,189 --> 00:07:52,339

a lot of nonsense it is it was invented

160

00:07:48,379 --> 00:07:56,149

by a Rudolf Steiner in the early 1900s

161

00:07:52,339 --> 00:07:59,869

and he believed in angels and believed

162

00:07:56,149 --> 00:08:02,000

in very many strange things so there's a

163

00:07:59,870 --> 00:08:05,540

lot of ritual involved so I know one

164

00:08:02,000 --> 00:08:08,480

nurse who actually practiced for a short

165

00:08:05,540 --> 00:08:11,600

while at this clinic and he told me that

166

00:08:08,480 --> 00:08:14,210

when they prepared their medication it

167

00:08:11,600 --> 00:08:16,040

was very important to - it was third

168

00:08:14,209 --> 00:08:19,250

seven times and it had to be

169

00:08:16,040 --> 00:08:21,560

counterclockwise and then seven times

170

00:08:19,250 --> 00:08:23,899

clockwise and then you looked at the

171

00:08:21,560 --> 00:08:28,759

moon or something it was that kind of

172
00:08:23,899 --> 00:08:30,679
hocus-pocus really you've got me

173
00:08:28,759 --> 00:08:32,629
picturing somebody looking at the moon

174
00:08:30,680 --> 00:08:36,440
stirring something very carefully now

175
00:08:32,629 --> 00:08:38,689
yeah I'm sure it's all true and that's

176
00:08:36,440 --> 00:08:43,130
why it works because they put their

177
00:08:38,690 --> 00:08:45,320
mental energy into the so anyway that's

178
00:08:43,129 --> 00:08:47,090
no longer allowed so that was that's

179
00:08:45,320 --> 00:08:48,770
something we've been waiting for for a

180
00:08:47,090 --> 00:08:50,960
long time actually the decision was

181
00:08:48,769 --> 00:08:54,590
taking a couple of years ago but now the

182
00:08:50,960 --> 00:08:57,740
the they faced it out over a couple of

183
00:08:54,590 --> 00:09:01,100
years and they gave of course there and

184
00:08:57,740 --> 00:09:03,710
true Pacific people the the chance to if

185
00:09:01,100 --> 00:09:06,409
you can register the you can register

186
00:09:03,710 --> 00:09:09,470
these things as medicine but you have to

187
00:09:06,409 --> 00:09:11,750
show that it works oh and they haven't

188
00:09:09,470 --> 00:09:13,879
even tried to do that because they know

189
00:09:11,750 --> 00:09:15,740
they can't prove it well that's

190
00:09:13,879 --> 00:09:18,620
fantastic I love to hear success stories

191
00:09:15,740 --> 00:09:20,600
like this I mean worldwide we're all

192
00:09:18,620 --> 00:09:23,990
moving to try and phase out homeopathy

193
00:09:20,600 --> 00:09:25,730
and I think it's largely being it's

194
00:09:23,990 --> 00:09:27,169
largely working a lot of countries

195
00:09:25,730 --> 00:09:29,360
around the world are cracking down on

196
00:09:27,169 --> 00:09:31,969
homeopathy or phasing it out or no

197
00:09:29,360 --> 00:09:34,490
longer tolerating it so every little bit

198
00:09:31,970 --> 00:09:37,610
helps I think yeah and we do see that in

199
00:09:34,490 --> 00:09:39,350
Europe of course our good friends in the

200

00:09:37,610 --> 00:09:42,740
good thinking Society has been very

201
00:09:39,350 --> 00:09:47,480
successful in the UK getting the NHS to

202
00:09:42,740 --> 00:09:49,580
more or less now ban all the or not it's

203
00:09:47,480 --> 00:09:52,519
not banned but they no longer fund the

204
00:09:49,580 --> 00:09:54,230
whole homeopathy in the UK yeah we're

205
00:09:52,519 --> 00:09:56,750
seeing the similar things happening in

206
00:09:54,230 --> 00:09:59,090
in France just a month ago there was a

207
00:09:56,750 --> 00:10:02,330
decision to face out the funding for

208
00:09:59,090 --> 00:10:06,879
homeopathy in in France and we know that

209
00:10:02,330 --> 00:10:09,680
the German minister of health is also

210
00:10:06,879 --> 00:10:13,850
looking into doing something similar in

211
00:10:09,679 --> 00:10:16,419
Germany which is a big sensation really

212
00:10:13,850 --> 00:10:19,909
because that's where it's very very big

213
00:10:16,419 --> 00:10:22,159
homeopathy of course and in Australia

214
00:10:19,909 --> 00:10:23,750

too over the years it's been well there

215

00:10:22,159 --> 00:10:26,029

are people I mean you get pockets of

216

00:10:23,750 --> 00:10:28,490

people in every country who swear by it

217

00:10:26,029 --> 00:10:31,610

and think it's absolutely the best

218

00:10:28,490 --> 00:10:33,139

system ever invented and we've had big

219

00:10:31,610 --> 00:10:36,230

problems in this country where people

220

00:10:33,139 --> 00:10:38,449

have been selling we know the

221

00:10:36,230 --> 00:10:40,460

homeopathic medicine is fake anyway but

222

00:10:38,450 --> 00:10:42,800

they'll be selling things for

223

00:10:40,460 --> 00:10:45,530

vaccinations which is caused a great

224

00:10:42,799 --> 00:10:47,689

alarm yeah and they say well that's why

225

00:10:45,529 --> 00:10:49,490

they you can't say that it's harmless

226

00:10:47,690 --> 00:10:51,380

just because it doesn't do anything

227

00:10:49,490 --> 00:10:54,710

because people take it instead of other

228

00:10:51,379 --> 00:10:57,460

things and it's both against cancer it's

229
00:10:54,710 --> 00:11:00,580
vaccinations it's it's for everything so

230
00:10:57,460 --> 00:11:03,259
really really harmful but it's hard to

231
00:11:00,580 --> 00:11:05,389
it's hard to convince people that it is

232
00:11:03,259 --> 00:11:08,569
soundwave if it's just sugar pills and

233
00:11:05,389 --> 00:11:11,149
what's the harm yes exactly but as you

234
00:11:08,570 --> 00:11:12,560
well know most people and I know we're

235
00:11:11,149 --> 00:11:15,350
straying from the original topic when

236
00:11:12,559 --> 00:11:17,449
sort of concentrating on homeopathy we

237
00:11:15,350 --> 00:11:19,730
can do that for a moment most people who

238
00:11:17,450 --> 00:11:21,530
don't know much about homeopathy think

239
00:11:19,730 --> 00:11:24,230
that there's a little bit of this

240
00:11:21,529 --> 00:11:26,929
substance in the in the remedy and when

241
00:11:24,230 --> 00:11:28,340
you tell them that there is no substance

242
00:11:26,929 --> 00:11:29,839
in the remedy they they get very

243
00:11:28,340 --> 00:11:32,540
confused because that's not what they

244
00:11:29,840 --> 00:11:37,310
thought now because it's ridic

245
00:11:32,539 --> 00:11:40,039
that can't be true right Ryan yeah mmm

246
00:11:37,309 --> 00:11:42,109
yeah so that's that that's wonderful to

247
00:11:40,039 --> 00:11:44,059
hear that this action is being taken in

248
00:11:42,110 --> 00:11:47,210
Sweden I mean do you find generally

249
00:11:44,059 --> 00:11:50,028
there's a lot in Sweden that skeptics

250
00:11:47,210 --> 00:11:52,879
need to concern themselves with yeah I

251
00:11:50,028 --> 00:11:54,860
think we have well one thing was the

252
00:11:52,879 --> 00:11:56,990
anthroposophical movement because they

253
00:11:54,860 --> 00:11:58,550
are probably still have a lot of

254
00:11:56,990 --> 00:12:01,278
supporters here even though it's now

255
00:11:58,549 --> 00:12:06,349
being phased out but the other thing is

256
00:12:01,278 --> 00:12:09,528
of course the anti-vaccine you know we

257

00:12:06,350 --> 00:12:13,370
following the the with horror we're

258
00:12:09,528 --> 00:12:16,100
following the measles epidemic going

259
00:12:13,370 --> 00:12:20,419
over the world and not not in the least

260
00:12:16,100 --> 00:12:22,700
in Europe I'm I think we will look at

261
00:12:20,419 --> 00:12:26,929
over a hundred thousand cases in Europe

262
00:12:22,700 --> 00:12:29,870
before the end of this year mmm the the

263
00:12:26,929 --> 00:12:32,149
increase is exponential it's not slowing

264
00:12:29,870 --> 00:12:38,450
down at all so it's really really

265
00:12:32,149 --> 00:12:42,379
terrible WHL released a report a few

266
00:12:38,450 --> 00:12:44,870
months ago saying they made a study and

267
00:12:42,379 --> 00:12:48,110
they say that the vaccination rates in

268
00:12:44,870 --> 00:12:50,120
the world overall has not improved over

269
00:12:48,110 --> 00:12:52,519
the last eight years it was still at the

270
00:12:50,120 --> 00:12:54,799
same place so I don't see this going

271
00:12:52,519 --> 00:12:57,100

away now I don't see it going away

272

00:12:54,799 --> 00:13:00,799

either and it really speaks to how

273

00:12:57,100 --> 00:13:05,389

persuasive the other side can be with

274

00:13:00,799 --> 00:13:07,879

their emotive fear campaigns and it

275

00:13:05,389 --> 00:13:11,449

oddly it reminds me of things in the

276

00:13:07,879 --> 00:13:13,338

past where people will say well just be

277

00:13:11,450 --> 00:13:15,350

careful and and you know don't trust the

278

00:13:13,339 --> 00:13:17,270

government and teach both sides and you

279

00:13:15,350 --> 00:13:19,040

know more research needs to be done and

280

00:13:17,269 --> 00:13:22,429

your children are more important all

281

00:13:19,039 --> 00:13:25,759

this can appeal I think to young parents

282

00:13:22,429 --> 00:13:27,979

yes yes and and as a parent of course

283

00:13:25,759 --> 00:13:31,578

you are looking for anything that could

284

00:13:27,980 --> 00:13:35,120

help or improve your child's situation

285

00:13:31,578 --> 00:13:37,789

in any case so you're open to to look at

286

00:13:35,120 --> 00:13:41,000

anything and that's that's very

287

00:13:37,789 --> 00:13:42,799

dangerous absolutely absolutely so again

288

00:13:41,000 --> 00:13:44,278

I'm pleased to hear of any progress

289

00:13:42,799 --> 00:13:46,289

being made in

290

00:13:44,278 --> 00:13:50,850

any part of the world but now how long

291

00:13:46,289 --> 00:13:53,639

have the the Swedish skeptics been been

292

00:13:50,850 --> 00:13:56,220

operating the Swedish skeptics were

293

00:13:53,639 --> 00:13:59,818

founded in in 1982

294

00:13:56,220 --> 00:14:02,160

so that was well before I was active so

295

00:13:59,818 --> 00:14:04,019

it started with a few professors or

296

00:14:02,159 --> 00:14:05,838

academics who got together and thought

297

00:14:04,019 --> 00:14:07,169

we need to do something about this

298

00:14:05,839 --> 00:14:09,629

nonsense

299

00:14:07,169 --> 00:14:12,019

Yuri Geller was big I think it seems

300

00:14:09,629 --> 00:14:15,688

Randi did a lot to inspire this

301

00:14:12,019 --> 00:14:17,698

formation as well and for for the first

302

00:14:15,688 --> 00:14:20,879

ten years it was more or less it was

303

00:14:17,698 --> 00:14:23,458

maybe a hundred people 100 members who

304

00:14:20,879 --> 00:14:26,278

kept in contact and there was a small

305

00:14:23,458 --> 00:14:28,219

leaflet or they call it a magazine but

306

00:14:26,278 --> 00:14:33,208

to be honest in the beginning was just a

307

00:14:28,220 --> 00:14:36,019

printed paper circulated and but then in

308

00:14:33,208 --> 00:14:41,789

the early 90s it started to take off and

309

00:14:36,019 --> 00:14:44,490

by the end of the 90s we had over 2,000

310

00:14:41,789 --> 00:14:48,448

members and we're now well we're trying

311

00:14:44,490 --> 00:14:51,720

to reach 3000 now and it's it's a big

312

00:14:48,448 --> 00:14:54,508

movement we have we have our prices we

313

00:14:51,720 --> 00:14:56,879

just like you hand out the bent spoon

314

00:14:54,509 --> 00:15:00,659
award and whatnot we have our shame

315
00:14:56,879 --> 00:15:02,730
price and we have our enlightener of the

316
00:15:00,659 --> 00:15:05,850
Year prize as well for somebody's done

317
00:15:02,730 --> 00:15:08,399
very well and we do get quite some

318
00:15:05,850 --> 00:15:12,300
publicity in the papers etc when once we

319
00:15:08,399 --> 00:15:16,110
hand out these awards so yeah I think

320
00:15:12,299 --> 00:15:19,799
we're we're a healthy organization and

321
00:15:16,110 --> 00:15:22,289
we're looking to do even more well of

322
00:15:19,799 --> 00:15:25,109
course the Australian skeptics have had

323
00:15:22,289 --> 00:15:27,389
a long long policy a long time policy of

324
00:15:25,110 --> 00:15:29,490
helping any sceptical group around the

325
00:15:27,389 --> 00:15:31,709
world so of course we're always ready to

326
00:15:29,490 --> 00:15:33,899
help and speaking from the sceptic zone

327
00:15:31,708 --> 00:15:36,719
the skeptic zone has in fact been

328
00:15:33,899 --> 00:15:38,250

helping in our very small way for quite

329

00:15:36,720 --> 00:15:41,610

a few years now by running promotions

330

00:15:38,250 --> 00:15:44,789

about the swedish sceptics that is

331

00:15:41,610 --> 00:15:46,199

correct thank you very much and of

332

00:15:44,789 --> 00:15:48,539

course and of course we've been running

333

00:15:46,198 --> 00:15:51,208

promotions for well ever since you

334

00:15:48,539 --> 00:15:54,000

started with the ESP what a wonderful

335

00:15:51,208 --> 00:15:56,159

name for a podcast for those people who

336

00:15:54,000 --> 00:15:57,889

who may not have caught up with the ESP

337

00:15:56,159 --> 00:16:01,009

can you tell us a little bit of

338

00:15:57,889 --> 00:16:05,569

that and how that's progressing yeah yes

339

00:16:01,009 --> 00:16:07,519

we we just three of us Andrus Gillian

340

00:16:05,570 --> 00:16:09,500

and myself the unrest is from Hungary

341

00:16:07,519 --> 00:16:11,450

Jelena is from Latvia and I'm from

342

00:16:09,500 --> 00:16:14,000

Sweden obviously and we met a couple of

343
00:16:11,450 --> 00:16:17,028
times and we had a susan gerbic as a

344
00:16:14,000 --> 00:16:19,759
mutual friend uh-huh and we got together

345
00:16:17,028 --> 00:16:21,559
and we hit it off right away and said we

346
00:16:19,759 --> 00:16:24,799
need to do something and we realized

347
00:16:21,559 --> 00:16:27,049
that there is there was a gap in all the

348
00:16:24,799 --> 00:16:31,490
podcasts out there there was nobody who

349
00:16:27,049 --> 00:16:35,659
was covering the European scene per se

350
00:16:31,490 --> 00:16:38,778
when he when you look at not just the

351
00:16:35,659 --> 00:16:40,850
english-speaking Europe but all of the

352
00:16:38,778 --> 00:16:45,259
other countries like Italy Spain and

353
00:16:40,850 --> 00:16:48,528
Germany Hungary Czech Czech Republic etc

354
00:16:45,259 --> 00:16:50,659
it was very hard to get news in English

355
00:16:48,528 --> 00:16:52,610
from all of these countries today we

356
00:16:50,659 --> 00:16:55,699
know people in all these places or

357
00:16:52,610 --> 00:16:56,269
remote not all of them but but now we do

358
00:16:55,700 --> 00:17:00,740
I guess

359
00:16:56,269 --> 00:17:02,419
and we among the three of us we speak a

360
00:17:00,740 --> 00:17:06,980
number of languages and there's always

361
00:17:02,419 --> 00:17:10,129
Google Translate so let's do that and I

362
00:17:06,980 --> 00:17:12,349
I think we are doing something that is

363
00:17:10,130 --> 00:17:16,579
needed really and I think we've brought

364
00:17:12,349 --> 00:17:18,859
an awareness that there are skeptic

365
00:17:16,578 --> 00:17:21,588
groups in every country I can say that

366
00:17:18,859 --> 00:17:23,359
you don't hear a lot about the Romanian

367
00:17:21,588 --> 00:17:27,139
skeptics but they're there mmm and I

368
00:17:23,359 --> 00:17:30,469
think through this podcast these some of

369
00:17:27,140 --> 00:17:32,450
them rather small groups are getting to

370
00:17:30,470 --> 00:17:34,640
know of each other and they can contact

371

00:17:32,450 --> 00:17:37,160
each other because we are all fighting

372
00:17:34,640 --> 00:17:39,500
the same fight really especially since a

373
00:17:37,160 --> 00:17:42,529
lot of the legislation is the same or

374
00:17:39,500 --> 00:17:45,529
similar in you folks if you're not too

375
00:17:42,529 --> 00:17:47,839
sure the podcast is in English but

376
00:17:45,529 --> 00:17:51,349
that's really a practical solution isn't

377
00:17:47,839 --> 00:17:55,099
it yes yes it is it is because we wanted

378
00:17:51,349 --> 00:17:57,259
well English is the most spoken language

379
00:17:55,099 --> 00:17:59,629
other easiest language to reach out in

380
00:17:57,259 --> 00:18:02,089
and anyway it was the language we knew

381
00:17:59,630 --> 00:18:05,120
best as well apart from our local

382
00:18:02,089 --> 00:18:07,159
language and and it has an appeal

383
00:18:05,119 --> 00:18:09,109
because if you look if we look at our

384
00:18:07,160 --> 00:18:11,210
listener numbers actually we have a lot

385
00:18:09,109 --> 00:18:11,729

of listeners in in the US you know

386

00:18:11,210 --> 00:18:15,569
straight

387

00:18:11,730 --> 00:18:17,429
in other countries as well and we do

388

00:18:15,569 --> 00:18:19,798
also interview people from time to time

389

00:18:17,429 --> 00:18:21,929
prominent skeptics that are not from

390

00:18:19,798 --> 00:18:24,000
Europe such as yourself Richard you mean

391

00:18:21,929 --> 00:18:26,669
on new time my her views we've had James

392

00:18:24,000 --> 00:18:29,940
Rahon we've had James Randi and we've

393

00:18:26,669 --> 00:18:33,210
had J novella several times once even as

394

00:18:29,940 --> 00:18:34,919
a co-host so so I think it's not just

395

00:18:33,210 --> 00:18:36,870
for European listeners if if you're

396

00:18:34,919 --> 00:18:41,759
interested in these topics I think you

397

00:18:36,869 --> 00:18:45,268
can enjoy this if from Argentina or

398

00:18:41,759 --> 00:18:47,819
Korea or wherever mmm well all podcasts

399

00:18:45,269 --> 00:18:49,230
of course a worldwide which is important

400
00:18:47,819 --> 00:18:50,849
to remember I try to keep that in the

401
00:18:49,230 --> 00:18:52,860
back of my mind - I've got listeners

402
00:18:50,849 --> 00:18:55,859
from all around the world and I'm very

403
00:18:52,859 --> 00:18:58,829
pleased to say quite a lot of listeners

404
00:18:55,859 --> 00:19:00,959
in Sweden and Norway and I'm not sure

405
00:18:58,829 --> 00:19:03,599
about Finland I'm not sure about that

406
00:19:00,960 --> 00:19:05,069
but Sweden and Norway seem to like the

407
00:19:03,599 --> 00:19:09,359
skeptical zone so I'm very pleased about

408
00:19:05,069 --> 00:19:12,329
that yeah yeah all the skeptics I would

409
00:19:09,359 --> 00:19:14,788
say that I talked to in Sweden Oh most

410
00:19:12,329 --> 00:19:17,250
of them they are very well aware of what

411
00:19:14,788 --> 00:19:18,960
you're doing Richard so yes now of

412
00:19:17,250 --> 00:19:21,778
course here in Australia coming up in

413
00:19:18,960 --> 00:19:23,159
December we've got skeptic on 2019 we've

414
00:19:21,778 --> 00:19:25,288
got the skeptics guide to the universe

415
00:19:23,159 --> 00:19:27,419
and susan gerbic who we mentioned before

416
00:19:25,288 --> 00:19:30,509
i know there's big conventions coming up

417
00:19:27,419 --> 00:19:34,049
in Las Vegas with saikhan over there I'm

418
00:19:30,509 --> 00:19:36,269
going to Dragon Con meetings getting to

419
00:19:34,048 --> 00:19:38,579
know other skeptics hearing talks are

420
00:19:36,269 --> 00:19:41,339
very important and I hear there's one

421
00:19:38,579 --> 00:19:42,119
coming up in your part of the world yes

422
00:19:41,339 --> 00:19:45,028
absolutely

423
00:19:42,119 --> 00:19:47,398
in just a couple of weeks we are meeting

424
00:19:45,028 --> 00:19:50,369
all the European skeptics are meeting in

425
00:19:47,398 --> 00:19:53,219
Ghent in Belgium for the European

426
00:19:50,369 --> 00:19:55,768
skeptics Congress which is a it's every

427
00:19:53,220 --> 00:19:59,190
second year and it's in different places

428

00:19:55,769 --> 00:20:02,638
every time and this time it is the the

429
00:19:59,190 --> 00:20:04,380
Belgian and Dutch skeptics together to

430
00:20:02,638 --> 00:20:07,288
organize this and it's going to be a

431
00:20:04,380 --> 00:20:11,669
full weekend or more than a weekend

432
00:20:07,288 --> 00:20:14,548
really and with fantastic speakers and

433
00:20:11,669 --> 00:20:16,380
and and very interesting topics that

434
00:20:14,548 --> 00:20:18,750
would be exciting I would love to visit

435
00:20:16,380 --> 00:20:21,750
that maybe whoa let me see now maybe in

436
00:20:18,750 --> 00:20:24,089
2021 I can I can work something out what

437
00:20:21,750 --> 00:20:25,529
is it what's the date of that that it

438
00:20:24,089 --> 00:20:28,799
starts on the 28th

439
00:20:25,529 --> 00:20:31,379
of August and finishes on the 1st of

440
00:20:28,799 --> 00:20:35,309
September so it's just that the month

441
00:20:31,380 --> 00:20:37,260
end here coming up and there I mean week

442
00:20:35,309 --> 00:20:39,690

we can say that there with there will be

443

00:20:37,259 --> 00:20:42,180

talks about of course quackery there

444

00:20:39,690 --> 00:20:44,670

will be a 30 year retrospective about

445

00:20:42,180 --> 00:20:47,910

the European skepticism mm-hmm looking

446

00:20:44,670 --> 00:20:52,289

forward to look at to hear about there

447

00:20:47,910 --> 00:20:54,779

will be animalistic psychology with our

448

00:20:52,289 --> 00:20:57,649

friend Christopher French from from the

449

00:20:54,779 --> 00:21:00,149

UK very interesting about near-death

450

00:20:57,650 --> 00:21:03,360

experiences and things like that and

451

00:21:00,150 --> 00:21:06,259

then there will be a section about green

452

00:21:03,359 --> 00:21:10,139

scepticism so that's this bit about

453

00:21:06,259 --> 00:21:12,900

climate change and GMOs and things like

454

00:21:10,140 --> 00:21:15,090

that wow you're wetting my appetite I I

455

00:21:12,900 --> 00:21:18,150

mean I can't be in two places at once

456

00:21:15,089 --> 00:21:19,799

but that sounds like we'll be yeah that

457
00:21:18,150 --> 00:21:22,790
sounds like it'll be a terrific a

458
00:21:19,799 --> 00:21:26,159
terrific meeting folks I will add the

459
00:21:22,789 --> 00:21:28,680
URL in this week's show notes but for

460
00:21:26,160 --> 00:21:35,610
now upon this what is the website for

461
00:21:28,680 --> 00:21:39,330
that it is ESC 2019 with numbers dot B e

462
00:21:35,609 --> 00:21:40,889
for Belgium uh-huh that's that's the

463
00:21:39,329 --> 00:21:42,990
website to go to folks but of course

464
00:21:40,890 --> 00:21:45,690
there'll be a link in this week's show

465
00:21:42,990 --> 00:21:47,549
notes now part is just getting back to

466
00:21:45,690 --> 00:21:51,269
the ESB because you know I'm a podcaster

467
00:21:47,549 --> 00:21:55,019
at HUD I love doing a weekly show how

468
00:21:51,269 --> 00:21:57,089
how do have you found it to be involved

469
00:21:55,019 --> 00:21:58,680
in a regular podcast is it something

470
00:21:57,089 --> 00:22:00,809
that you still like doing is it

471
00:21:58,680 --> 00:22:03,779
difficult to line up interviews do you

472
00:22:00,809 --> 00:22:04,259
have technical problems yes and yes and

473
00:22:03,779 --> 00:22:08,730
yes

474
00:22:04,259 --> 00:22:11,279
I love it I think it's it's my favorite

475
00:22:08,730 --> 00:22:14,759
pastime now these days and but it is

476
00:22:11,279 --> 00:22:16,680
hard to I think we've managed most of

477
00:22:14,759 --> 00:22:18,869
the technical things now I mean we've

478
00:22:16,680 --> 00:22:21,779
done this for almost four years so shame

479
00:22:18,869 --> 00:22:24,119
on arson figured it out by now but the

480
00:22:21,779 --> 00:22:27,359
problem I think the biggest problem is

481
00:22:24,119 --> 00:22:30,239
to find time where we where we can

482
00:22:27,359 --> 00:22:34,229
record because we're on different time

483
00:22:30,240 --> 00:22:35,940
zones no and and rush has a he's working

484
00:22:34,230 --> 00:22:39,329
as a tour guide so it's constantly

485

00:22:35,940 --> 00:22:43,369
traveling so we are doing the recordings

486
00:22:39,329 --> 00:22:46,739
most crazy hours of the of the day but

487
00:22:43,368 --> 00:22:49,378
we do it because we love it and it's

488
00:22:46,739 --> 00:22:52,200
really really fun to do and of course

489
00:22:49,378 --> 00:22:54,959
once when we got together the three of

490
00:22:52,200 --> 00:22:58,069
us we hardly knew each other I mean we

491
00:22:54,960 --> 00:23:01,288
met a couple of times but now of course

492
00:22:58,069 --> 00:23:03,989
I'm Brazilian are my best friends that I

493
00:23:01,288 --> 00:23:04,829
talk to every week so it's very good

494
00:23:03,989 --> 00:23:06,769
very good

495
00:23:04,829 --> 00:23:11,608
and and I should say we also have other

496
00:23:06,769 --> 00:23:14,368
we had Claire Klingenberg who is yes she

497
00:23:11,608 --> 00:23:16,168
had she is also the head of the European

498
00:23:14,368 --> 00:23:17,158
Council of sceptical organizations

499
00:23:16,169 --> 00:23:20,220

mm-hmm

500

00:23:17,159 --> 00:23:22,679

behind the European skeptics Congress as

501

00:23:20,220 --> 00:23:24,868

she's been sitting in as co-hosts to

502

00:23:22,679 --> 00:23:30,059

come number of times and also Brian ergo

503

00:23:24,868 --> 00:23:32,778

from from Glasgow yes he is also joy to

504

00:23:30,058 --> 00:23:35,519

have on the podcast well I mean yeah and

505

00:23:32,778 --> 00:23:37,829

you're finding out what I have found out

506

00:23:35,519 --> 00:23:39,888

over the last 10 years nearly 11 years

507

00:23:37,829 --> 00:23:43,408

of the sceptic zone is you meet the most

508

00:23:39,888 --> 00:23:45,928

amazing people and and but part of that

509

00:23:43,409 --> 00:23:47,249

for me is sometimes waking up my alarm

510

00:23:45,929 --> 00:23:49,379

goes off at 3 o'clock in the morning

511

00:23:47,249 --> 00:23:51,538

because I've got an interview lined up

512

00:23:49,378 --> 00:23:54,808

with someone in some strange part of the

513

00:23:51,538 --> 00:23:56,368

world I have to accommodate them of

514
00:23:54,808 --> 00:23:58,019
course but that's all part of the fun

515
00:23:56,368 --> 00:24:00,569
and then there's brain glowing

516
00:23:58,019 --> 00:24:02,909
microphones and what hookup can we use

517
00:24:00,569 --> 00:24:05,368
and can I call you and all this sort of

518
00:24:02,909 --> 00:24:08,100
thing it's a it's a fascinating part of

519
00:24:05,368 --> 00:24:10,048
this bizarre this bizarre lifestyle

520
00:24:08,099 --> 00:24:11,668
we've chosen I guess any podcaster would

521
00:24:10,048 --> 00:24:13,798
go through that but I think we're

522
00:24:11,669 --> 00:24:15,570
particularly lucky we're particularly

523
00:24:13,798 --> 00:24:17,668
lucky because we get to combine our love

524
00:24:15,569 --> 00:24:20,878
of science and skepticism with our love

525
00:24:17,669 --> 00:24:23,220
of podcasting yes yes absolutely

526
00:24:20,878 --> 00:24:25,048
well Ponder's what a what a pleasure it

527
00:24:23,220 --> 00:24:28,409
has been to catch up with you once again

528
00:24:25,048 --> 00:24:30,210
folks again links to the ESP links to

529
00:24:28,409 --> 00:24:32,730
the upcoming meeting in Ghent in Belgium

530
00:24:30,210 --> 00:24:34,649
in this week's show notes and who knows

531
00:24:32,730 --> 00:24:36,839
pontus one day we could might be able to

532
00:24:34,648 --> 00:24:38,579
do a joint podcast where we can all be

533
00:24:36,839 --> 00:24:40,858
in the same room with Jay novella and

534
00:24:38,579 --> 00:24:44,460
everybody in you and me and the whole of

535
00:24:40,858 --> 00:24:47,038
ESP and everybody we can think of that

536
00:24:44,460 --> 00:24:49,289
would be a lot of fun that sounds great

537
00:24:47,038 --> 00:24:52,169
I thought must happen something

538
00:24:49,289 --> 00:24:54,599
that must happen sometime but for now

539
00:24:52,169 --> 00:24:56,870
all the way from malmö in southern

540
00:24:54,599 --> 00:25:00,319
Sweden fountas thank you very much

541
00:24:56,869 --> 00:25:12,919
thanks a lot Richards thank you

542

00:25:00,319 --> 00:25:12,919
[Music]

543
00:25:15,269 --> 00:25:20,679
hey Sam have you ever wondered what

544
00:25:18,788 --> 00:25:22,658
skeptics are up to in countries where

545
00:25:20,679 --> 00:25:24,730
English is not necessarily the first

546
00:25:22,659 --> 00:25:26,440
language or are you interested to learn

547
00:25:24,730 --> 00:25:28,870
about some fascinating and sometimes

548
00:25:26,440 --> 00:25:31,240
very bizarre Europe related facts events

549
00:25:28,869 --> 00:25:32,619
or people from history of skepticism or

550
00:25:31,240 --> 00:25:35,230
do you just want to know who's been

551
00:25:32,619 --> 00:25:37,959
really wrong lately you can find out all

552
00:25:35,230 --> 00:25:41,470
about that and more on the award-winning

553
00:25:37,960 --> 00:25:44,110
show the ESP the European sceptics

554
00:25:41,470 --> 00:25:47,589
podcast so where can people find the

555
00:25:44,109 --> 00:25:49,509
show you can find it online at the ESP

556
00:25:47,589 --> 00:25:52,359

dot EU but you can also follow us on

557

00:25:49,509 --> 00:25:55,210

Twitter at es podcast and d'ascoyne you

558

00:25:52,359 --> 00:25:57,158

or like us on Facebook oh and you can

559

00:25:55,210 --> 00:26:00,429

contacts the show by sending an email to

560

00:25:57,159 --> 00:26:02,559

info at the ESP dot EU if you want to

561

00:26:00,429 --> 00:26:05,169

subscribe do a quick search for the

562

00:26:02,558 --> 00:26:07,720

European skeptics podcast on SoundCloud

563

00:26:05,169 --> 00:26:10,538

iTunes stitcher or whatever you get to

564

00:26:07,720 --> 00:26:15,589

your podcast the European skeptics

565

00:26:10,538 --> 00:26:20,449

podcast the real ESP experience

566

00:26:15,589 --> 00:26:20,448

[Music]

567

00:26:20,538 --> 00:26:26,408

I don't know why you can't believe

568

00:26:27,460 --> 00:26:48,950

[Music]

569

00:26:52,390 --> 00:26:58,660

it's super-science Saturday hit the

570

00:26:54,789 --> 00:27:00,670

Australian Museum the museum is going to

571
00:26:58,660 --> 00:27:01,380
be shutting later this month for a whole

572
00:27:00,670 --> 00:27:04,210
year

573
00:27:01,380 --> 00:27:07,570
for a massive renovation and

574
00:27:04,210 --> 00:27:09,340
refurbishment so it's great to see one

575
00:27:07,569 --> 00:27:13,649
of the holes here completely taken over

576
00:27:09,339 --> 00:27:13,649
with people from all sorts of scientific

577
00:27:13,829 --> 00:27:19,720
organizations and hundreds of people

578
00:27:17,650 --> 00:27:22,090
mostly children here as well really good

579
00:27:19,720 --> 00:27:24,370
to see I'll be performing the mystery

580
00:27:22,089 --> 00:27:26,230
investigators show a little bit later on

581
00:27:24,369 --> 00:27:28,649
in the afternoon two performances this

582
00:27:26,230 --> 00:27:31,000
afternoon with my good friend Ian Bryce

583
00:27:28,650 --> 00:27:33,940
who is one of the original members of

584
00:27:31,000 --> 00:27:38,798
the show way back in all 2003 I think it

585
00:27:33,940 --> 00:27:42,940
was but this Hall is filled with very

586
00:27:38,798 --> 00:27:45,249
interesting and interactive things to do

587
00:27:42,940 --> 00:27:47,788
and I just had a virtual reality tour

588
00:27:45,249 --> 00:27:50,348
inside the ANSTO facility which is

589
00:27:47,788 --> 00:27:55,239
Australia's only nuclear reactor

590
00:27:50,348 --> 00:27:56,739
I think they mostly make things for

591
00:27:55,239 --> 00:27:58,629
medical purposes there but was

592
00:27:56,739 --> 00:28:01,389
fascinating great use of the technology

593
00:27:58,628 --> 00:28:04,808
and virtual reality is certainly

594
00:28:01,388 --> 00:28:06,339
improving bit by bit every year I really

595
00:28:04,808 --> 00:28:09,249
felt I was in some of the rooms there

596
00:28:06,339 --> 00:28:12,878
that was quite something we have another

597
00:28:09,249 --> 00:28:16,858
display over here a superconductor with

598
00:28:12,878 --> 00:28:19,058
a little supercooled magnet on a track

599

00:28:16,858 --> 00:28:21,699
going upside down and round and round

600
00:28:19,058 --> 00:28:23,920
good to see it in person have only seen

601
00:28:21,700 --> 00:28:26,559
it on the TV

602
00:28:23,920 --> 00:28:28,810
Macquarie University are here they've

603
00:28:26,559 --> 00:28:31,240
got a big group here studying frogs and

604
00:28:28,809 --> 00:28:33,839
tadpoles which the kids just love you

605
00:28:31,240 --> 00:28:33,839
can imagine

606
00:28:34,839 --> 00:28:40,928
the University of Wollongong with their

607
00:28:37,269 --> 00:28:43,120
science space and kids are crowding

608
00:28:40,929 --> 00:28:44,528
around there's a couple of presenters

609
00:28:43,119 --> 00:28:47,699
there with balloons and liquid nitrogen

610
00:28:44,528 --> 00:28:51,099
and all sorts of those

611
00:28:47,700 --> 00:28:55,139
it certainly is loud in here

612
00:28:51,099 --> 00:28:55,138
the CSIRO here

613
00:28:55,730 --> 00:29:00,829

New South Wales national parks and

614

00:28:58,159 --> 00:29:03,399

wildlife service's the Museum of applied

615

00:29:00,829 --> 00:29:07,960

arts and sciences have a display

616

00:29:03,398 --> 00:29:07,959

something called nutty scientists

617

00:29:08,910 --> 00:29:13,519

sometimes I think I'm gonna be

618

00:29:10,680 --> 00:29:13,519

scientists they tell you

619

00:29:14,140 --> 00:29:19,480

and of course part of the Museum of

620

00:29:17,470 --> 00:29:21,910

applied Arts and Sciences is Sydney

621

00:29:19,480 --> 00:29:24,069

observatory

622

00:29:21,910 --> 00:29:26,080

which is a wonderful place to visit if

623

00:29:24,069 --> 00:29:28,299

you ever come to Sydney

624

00:29:26,079 --> 00:29:30,519

the Australian Museum themselves of

625

00:29:28,299 --> 00:29:32,490

course have a number of tables here

626

00:29:30,519 --> 00:29:34,470

displaying all sorts of things

627

00:29:32,490 --> 00:29:38,269

[Music]

628
00:29:34,470 --> 00:29:38,269
including spiders hello

629
00:29:38,368 --> 00:29:42,478
it's quite hard to get my way through

630
00:29:39,778 --> 00:29:48,298
here there's so many people here and as

631
00:29:42,479 --> 00:29:49,590
I said mostly kids it's Ian Bryce from

632
00:29:48,298 --> 00:29:51,118
the Australian skeptics of the mr.

633
00:29:49,589 --> 00:29:53,308
investigators Ian it's so great to see

634
00:29:51,118 --> 00:29:55,978
so many kids here yes it is indeed

635
00:29:53,308 --> 00:29:57,450
that's the next generation but we must

636
00:29:55,979 --> 00:30:01,229
admit to a bit of surprise and

637
00:29:57,450 --> 00:30:04,919
disappointment from the UTS here science

638
00:30:01,229 --> 00:30:06,028
dot UTS dot edu a you we're walking

639
00:30:04,919 --> 00:30:07,830
along looking at everything and what

640
00:30:06,028 --> 00:30:09,839
comes up on the screen we see

641
00:30:07,829 --> 00:30:13,888
acupuncture and not only that but

642
00:30:09,839 --> 00:30:16,699
cupping cupping here in a science

643
00:30:13,888 --> 00:30:22,019
afternoon with children everywhere and

644
00:30:16,700 --> 00:30:24,869
the UTS promoting what they do and

645
00:30:22,019 --> 00:30:26,190
cupping comes up yes the brochure says

646
00:30:24,868 --> 00:30:27,898
it's part of their Bachelor of Health

647
00:30:26,190 --> 00:30:30,599
Science and perdition or Chinese

648
00:30:27,898 --> 00:30:32,128
medicine which lists acupuncture it

649
00:30:30,598 --> 00:30:33,418
doesn't put cupping on that page but

650
00:30:32,128 --> 00:30:36,298
apparently cupping is one of the

651
00:30:33,419 --> 00:30:39,559
modalities you learn so there's so much

652
00:30:36,298 --> 00:30:41,908
for science and evidence-based practices

653
00:30:39,558 --> 00:30:44,460
you know what this might be worth have

654
00:30:41,909 --> 00:30:47,759
been spoon domination indeed yes let's

655
00:30:44,460 --> 00:30:49,288
look into them and of course the UTS

656

00:30:47,759 --> 00:30:52,710
stands for the University of Technology

657
00:30:49,288 --> 00:30:54,148
in Sydney and it's not not too far from

658
00:30:52,710 --> 00:30:56,629
here really it's down the road and

659
00:30:54,148 --> 00:30:56,628
around a bit

660
00:30:58,079 --> 00:31:03,730
mmm Ian we just completed one show we're

661
00:31:01,420 --> 00:31:05,890
both eating a minty it's very bad form

662
00:31:03,730 --> 00:31:07,839
to eat something while you're talking on

663
00:31:05,890 --> 00:31:10,210
a microphone but that's right well let's

664
00:31:07,839 --> 00:31:12,429
do it anyway do it anyway look at this

665
00:31:10,210 --> 00:31:14,950
the crowds just pouring in mums and dads

666
00:31:12,430 --> 00:31:17,590
and kids ready for the next machine

667
00:31:14,950 --> 00:31:20,350
Investigator shop it's like a second

668
00:31:17,589 --> 00:31:22,480
sellout show so that's great what a lot

669
00:31:20,349 --> 00:31:27,969
of fun okay new house we better get to

670
00:31:22,480 --> 00:31:29,980

it now this year we performed in front

671

00:31:27,970 --> 00:31:30,970

of a mixed audience mums and dads and

672

00:31:29,980 --> 00:31:32,650

kids of all ages

673

00:31:30,970 --> 00:31:35,200

normally the mystery investigators

674

00:31:32,650 --> 00:31:36,970

performs for selected school groups

675

00:31:35,200 --> 00:31:39,400

primary school or high school or

676

00:31:36,970 --> 00:31:41,559

something like that so it was a nice

677

00:31:39,400 --> 00:31:44,830

change it was a treat to perform before

678

00:31:41,559 --> 00:31:47,139

all age groups and after the show we had

679

00:31:44,829 --> 00:31:50,019

a lot of people come down a lot of kids

680

00:31:47,140 --> 00:31:53,680

for photographs and thanking us which is

681

00:31:50,019 --> 00:31:56,319

so nice and a lot of parents coming down

682

00:31:53,680 --> 00:31:58,420

saying how much they enjoyed the show

683

00:31:56,319 --> 00:32:00,399

which means I think the mix is probably

684

00:31:58,420 --> 00:32:02,259

pretty good it's got a lot of very

685
00:32:00,400 --> 00:32:06,009
interesting things like examples of

686
00:32:02,259 --> 00:32:08,890
pareidolia it ends with pictures from

687
00:32:06,009 --> 00:32:11,769
Mars which a lot of the parents really

688
00:32:08,890 --> 00:32:13,780
seem to like and the water divining the

689
00:32:11,769 --> 00:32:17,519
water dousing tests in the middle of the

690
00:32:13,779 --> 00:32:20,019
show always keep the audience spellbound

691
00:32:17,519 --> 00:32:22,720
although I must say a strange thing

692
00:32:20,019 --> 00:32:25,019
happened in show 1 where we were

693
00:32:22,720 --> 00:32:27,789
demonstrating the bed of nails and

694
00:32:25,019 --> 00:32:30,099
before I lie down on the bed of nails I

695
00:32:27,789 --> 00:32:31,779
show everybody that the nails are real

696
00:32:30,099 --> 00:32:33,579
we have a member of the audience come

697
00:32:31,779 --> 00:32:36,670
down and test the nails by touching them

698
00:32:33,579 --> 00:32:38,259
and making sure they're real then I sort

699
00:32:36,670 --> 00:32:41,170
of dropped the bed of nails down on the

700
00:32:38,259 --> 00:32:43,230
ground so it makes a big thud so people

701
00:32:41,170 --> 00:32:45,610
can tell it's a heavy bed of nails

702
00:32:43,230 --> 00:32:47,440
unfortunately one of the locks we used

703
00:32:45,609 --> 00:32:49,809
to lock up the bed of nails got stuck

704
00:32:47,440 --> 00:32:53,289
underneath when I dropped it and it's

705
00:32:49,809 --> 00:32:56,109
smashed to smithereens when I looked

706
00:32:53,289 --> 00:32:59,769
down I could see the remnants of a lock

707
00:32:56,109 --> 00:33:02,019
a little combination lock absolutely

708
00:32:59,769 --> 00:33:05,319
smashed all the bits spread everywhere

709
00:33:02,019 --> 00:33:07,269
yes there are dangers to performing

710
00:33:05,319 --> 00:33:09,899
especially to poor little combination

711
00:33:07,269 --> 00:33:12,430
locks good thing we have insurance

712
00:33:09,900 --> 00:33:15,680
[Music]

713

00:33:12,430 --> 00:33:19,009
it's all hovering I can I can hardly

714
00:33:15,680 --> 00:33:20,840
talk even though I was miked it was so

715
00:33:19,009 --> 00:33:22,609
exciting and the kids and the adults and

716
00:33:20,839 --> 00:33:24,740
everybody loved it so much it was a

717
00:33:22,609 --> 00:33:26,209
really good show to two shows yes I

718
00:33:24,740 --> 00:33:28,339
think it was great I noticed we had a

719
00:33:26,210 --> 00:33:31,069
slightly younger audience than other

720
00:33:28,339 --> 00:33:34,250
years yeah well a lot of parents with

721
00:33:31,069 --> 00:33:36,289
younger kids but all that all the people

722
00:33:34,250 --> 00:33:38,930
coming up after the show to thank us was

723
00:33:36,289 --> 00:33:40,639
just so um really it's really gratifying

724
00:33:38,930 --> 00:33:43,970
and they all wanted to try their own

725
00:33:40,640 --> 00:33:45,980
divining after the show which was even

726
00:33:43,970 --> 00:33:50,000
more fun we had an interesting case

727
00:33:45,980 --> 00:33:51,529

where in the first show people divined

728

00:33:50,000 --> 00:33:53,029

correctly when they could see the bottle

729

00:33:51,529 --> 00:33:54,920

then suddenly all the divining powers

730

00:33:53,029 --> 00:33:57,410

disappeared in the next stage which was

731

00:33:54,920 --> 00:33:58,880

a bit awkward and then a young lady in

732

00:33:57,410 --> 00:34:00,620

the second show found the water which

733

00:33:58,880 --> 00:34:03,380

was fun yes even though it was

734

00:34:00,619 --> 00:34:05,089

double-blind them and randomized yeah I

735

00:34:03,380 --> 00:34:07,790

just crossing the street now here in the

736

00:34:05,089 --> 00:34:09,679

museum so it's quite exhausting being on

737

00:34:07,789 --> 00:34:12,230

the ball for two performances in a row

738

00:34:09,679 --> 00:34:14,000

but it's a wonderful fun the Miss

739

00:34:12,230 --> 00:34:18,918

investigators have now been performing

740

00:34:14,000 --> 00:34:20,840

the sixteen years which is a bit

741

00:34:18,918 --> 00:34:22,849

frightening when I think about it and

742
00:34:20,840 --> 00:34:25,669
certainly a long time and a lot of shows

743
00:34:22,849 --> 00:34:28,190
and but and main art helps a new help

744
00:34:25,668 --> 00:34:30,230
and I've had both of you like stand on

745
00:34:28,190 --> 00:34:32,059
my back while I'm lying on the bed of

746
00:34:30,230 --> 00:34:33,800
nails many times and somehow I survived

747
00:34:32,059 --> 00:34:36,940
but I don't think we've stood on it

748
00:34:33,800 --> 00:34:39,510
simultaneously mine may not and myself

749
00:34:36,940 --> 00:34:44,099
but one's enough when Xena

750
00:34:39,510 --> 00:34:45,720
one's enough and yeah so science

751
00:34:44,099 --> 00:34:49,739
Saturday and the museum was been a great

752
00:34:45,719 --> 00:34:54,138
hit for everybody apart from the cupping

753
00:34:49,739 --> 00:34:57,389
which is a bit of a worry UTS science

754
00:34:54,139 --> 00:35:00,059
department has a video promoting their

755
00:34:57,389 --> 00:35:03,719
the skills they teach which includes

756
00:35:00,059 --> 00:35:05,340
acupuncture and cupping now I have to

757
00:35:03,719 --> 00:35:06,629
look into that I was hoping that the

758
00:35:05,340 --> 00:35:08,850
cupping was a demonstration of

759
00:35:06,630 --> 00:35:11,039
thermodynamics where you you heat up the

760
00:35:08,849 --> 00:35:13,349
gas you seal it off you cool the gas and

761
00:35:11,039 --> 00:35:14,340
then it sucks it contracts there was

762
00:35:13,349 --> 00:35:16,170
nothing to do with that it was

763
00:35:14,340 --> 00:35:18,300
traditional Chinese medicine so that was

764
00:35:16,170 --> 00:35:19,829
a bit disappointing well what I found

765
00:35:18,300 --> 00:35:21,330
disappointing was that cupping was on

766
00:35:19,829 --> 00:35:23,279
display on their promotional video and

767
00:35:21,329 --> 00:35:25,769
there were hundreds of kids walking past

768
00:35:23,280 --> 00:35:28,109
yes indeed not a good look

769
00:35:25,769 --> 00:35:30,409
UTS not a good look alongside real

770

00:35:28,108 --> 00:35:33,269
science like Phil had a filter water

771
00:35:30,409 --> 00:35:34,949
that's a purified seawater and so forth

772
00:35:33,269 --> 00:35:36,989
real sorry lots of real science there

773
00:35:34,949 --> 00:35:39,299
get inside a cube alongside acupuncture

774
00:35:36,989 --> 00:35:42,089
and capping yeah we might be having a

775
00:35:39,300 --> 00:35:44,490
word to them about that but I mean on

776
00:35:42,090 --> 00:35:45,990
the positive side it was great fun to do

777
00:35:44,489 --> 00:35:48,750
such good shows alone and I must admit

778
00:35:45,989 --> 00:35:51,269
to um I wouldn't say plagiarizing Carl

779
00:35:48,750 --> 00:35:52,619
Sagan but inspired towards the end of

780
00:35:51,269 --> 00:35:55,320
the our show we have a picture of the

781
00:35:52,619 --> 00:35:58,019
Earth from Mars and I talked about the

782
00:35:55,320 --> 00:36:00,269
pale blue dot yes that's right it's

783
00:35:58,019 --> 00:36:02,280
quite revealing to think that all of the

784
00:36:00,269 --> 00:36:05,099

kids there and their parents and all of

785

00:36:02,280 --> 00:36:06,840

the history of mankind took place not in

786

00:36:05,099 --> 00:36:10,019

the universe at large but in one tiny

787

00:36:06,840 --> 00:36:12,480

little pale blue dot yeah yeah but that

788

00:36:10,019 --> 00:36:13,769

impressed the kids I think it did with a

789

00:36:12,480 --> 00:36:15,659

lot of oohs and ahhs which was really

790

00:36:13,769 --> 00:36:19,079

nice I think then carries them to take

791

00:36:15,659 --> 00:36:22,500

better care of our pale blue dot than

792

00:36:19,079 --> 00:36:24,090

their parents hopefully so well I have

793

00:36:22,500 --> 00:36:27,809

to take care of my voice it's just about

794

00:36:24,090 --> 00:36:29,400

shot now I think he and we might we're

795

00:36:27,809 --> 00:36:31,500

heading downtown City at the moment

796

00:36:29,400 --> 00:36:35,400

maybe to find a nice watering hole or

797

00:36:31,500 --> 00:36:52,510

something and then look forward to 2020

798

00:36:35,400 --> 00:36:56,139

[Music]

799

00:36:52,510 --> 00:37:02,930

the Surf Coast summer spring skeptic app

800

00:36:56,139 --> 00:37:05,989

14th of September this Surf Coast summer

801

00:37:02,929 --> 00:37:08,269

spring skeptic camp s cssc is

802

00:37:05,989 --> 00:37:10,519

Australia's longest-running skeptic camp

803

00:37:08,269 --> 00:37:15,619

this year we are celebrating our seventh

804

00:37:10,519 --> 00:37:18,079

year if you want to share something on a

805

00:37:15,619 --> 00:37:20,179

skeptically related topic in which you

806

00:37:18,079 --> 00:37:22,759

are interested highlight some practices

807

00:37:20,179 --> 00:37:24,139

that you see is dubious and need to be

808

00:37:22,760 --> 00:37:26,900

brought to the attention of the

809

00:37:24,139 --> 00:37:29,359

skeptical community please offer to

810

00:37:26,900 --> 00:37:32,360

share your thoughts this is a sharing

811

00:37:29,360 --> 00:37:34,550

event where many contributors combine to

812

00:37:32,360 --> 00:37:37,280

make a great day the event is free

813
00:37:34,550 --> 00:37:39,260
however please provide your own lunch

814
00:37:37,280 --> 00:37:40,160
but don't worry there are plenty of

815
00:37:39,260 --> 00:37:43,220
options

816
00:37:40,159 --> 00:37:46,039
locally tea coffee and biscuits will be

817
00:37:43,219 --> 00:37:49,759
provided all day that's Saturday the

818
00:37:46,039 --> 00:37:51,519
14th of September 2019 10:30 a.m. to

819
00:37:49,760 --> 00:37:54,710
4:00 p.m.

820
00:37:51,519 --> 00:37:58,369
the location is Aries in that community

821
00:37:54,710 --> 00:38:01,429
hall 6 Great Ocean Road airys inlet

822
00:37:58,369 --> 00:38:04,039
Victoria office to present should be

823
00:38:01,429 --> 00:38:10,549
made to the skeptic groups of Victoria

824
00:38:04,039 --> 00:38:14,509
email address at SG o f v IC @ gmail.com

825
00:38:10,550 --> 00:38:17,620
and to register just follow the links in

826
00:38:14,510 --> 00:38:17,620
this week's show notes

827

00:38:18,028 --> 00:38:23,858
the Surf Coast summer/spring Skippy camp

828
00:38:21,400 --> 00:38:40,568
Australia's longest-running skeptic

829
00:38:23,858 --> 00:38:42,759
Hammond once again we turn to the pages

830
00:38:40,568 --> 00:38:44,710
of the skeptic the journal from

831
00:38:42,759 --> 00:38:49,659
Australian skeptics this time we go back

832
00:38:44,710 --> 00:38:55,838
to 1996 volume 16 number one and on page

833
00:38:49,659 --> 00:39:04,929
32 vinegar can be used for what by Glen

834
00:38:55,838 --> 00:39:08,230
Cod will want to get rich quick join the

835
00:39:04,929 --> 00:39:11,739
nutrition quackery promoters of fad

836
00:39:08,230 --> 00:39:14,858
mobilizers amino acid tablets cellulite

837
00:39:11,739 --> 00:39:18,338
treatments food combining digestive

838
00:39:14,858 --> 00:39:21,998
enzyme tablets fantasy books for example

839
00:39:18,338 --> 00:39:24,518
fit for life weight loss fraud protein

840
00:39:21,998 --> 00:39:27,669
powders fake vitamins magic nutrients

841
00:39:24,518 --> 00:39:30,758

finding non-existent allergies vitamin

842

00:39:27,670 --> 00:39:34,599

b12 injections can't securing diets and

843

00:39:30,759 --> 00:39:37,858

the list goes on better still create

844

00:39:34,599 --> 00:39:41,880

some new quackery success is measured by

845

00:39:37,858 --> 00:39:44,078

financial income not health outcome a

846

00:39:41,880 --> 00:39:46,869

personal favourite is the recent

847

00:39:44,079 --> 00:39:51,249

advertisement campaign for a book on the

848

00:39:46,869 --> 00:39:52,749

new superfood vinegar the advertisement

849

00:39:51,248 --> 00:39:55,088

makes the following statements

850

00:39:52,748 --> 00:39:57,838

scientific studies praised the curative

851

00:39:55,088 --> 00:40:00,460

and preventative powers of vinegar

852

00:39:57,838 --> 00:40:02,940

scientific tests show it's a natural

853

00:40:00,460 --> 00:40:06,009

storehouse of vitamins and minerals over

854

00:40:02,940 --> 00:40:09,460

93 different components to fight what

855

00:40:06,009 --> 00:40:11,769

ails you and to help extend life you'll

856
00:40:09,460 --> 00:40:15,338
learn how to melt away pounds with a

857
00:40:11,768 --> 00:40:17,709
mealtime vinegar cocktail just one

858
00:40:15,338 --> 00:40:20,558
spoonful of apple cider vinegar is

859
00:40:17,710 --> 00:40:23,619
endowed with vitamins minerals enzymes

860
00:40:20,559 --> 00:40:26,798
amino acids and important pectin and

861
00:40:23,619 --> 00:40:29,769
beta keratin whoops that last ones a

862
00:40:26,798 --> 00:40:30,969
challah vinegar is a lousy source of

863
00:40:29,768 --> 00:40:34,328
essential nutrient

864
00:40:30,969 --> 00:40:37,598
in fact the national value of Australian

865
00:40:34,329 --> 00:40:39,460
foods the US Department of Agriculture

866
00:40:37,599 --> 00:40:42,730
and the British food tables

867
00:40:39,460 --> 00:40:45,550
McCann's and Widdowson all lists vinegar

868
00:40:42,730 --> 00:40:49,119
as having no fiber therefore no pectin

869
00:40:45,550 --> 00:40:52,930
no vitamins therefore no beta keratin

870
00:40:49,119 --> 00:40:56,530
and only a mere trace of calcium or iron

871
00:40:52,929 --> 00:40:59,949
and the same amount of protein and amino

872
00:40:56,530 --> 00:41:04,510
acids as you will find in one teaspoon

873
00:40:59,949 --> 00:41:07,029
of breadcrumbs or less USDA claims nil

874
00:41:04,510 --> 00:41:10,570
protein the number may have been rounded

875
00:41:07,030 --> 00:41:13,119
down the advertisement then lists 20

876
00:41:10,570 --> 00:41:16,170
medicinal properties of vinegar

877
00:41:13,119 --> 00:41:19,809
including help lower cholesterol

878
00:41:16,170 --> 00:41:23,139
forestall osteoporosis help coughs and

879
00:41:19,809 --> 00:41:25,809
colds lower high blood pressure relieve

880
00:41:23,139 --> 00:41:27,730
nighttime leg cramps these are

881
00:41:25,809 --> 00:41:30,699
significant claims all of which have

882
00:41:27,730 --> 00:41:33,070
evaded me in the last 20 years I had the

883
00:41:30,699 --> 00:41:37,179
Chuckle when it also listed the old

884

00:41:33,070 --> 00:41:40,750
quackery perlers aids digestion improves

885
00:41:37,179 --> 00:41:43,719
metabolism and aids to maintain health

886
00:41:40,750 --> 00:41:47,019
nothing like some meaningless feel-good

887
00:41:43,719 --> 00:41:48,909
statements to pad out your list my first

888
00:41:47,019 --> 00:41:51,429
complaint went to the magazine that

889
00:41:48,909 --> 00:41:56,818
published the advertisement stating that

890
00:41:51,429 --> 00:42:00,789
it included lies deception and quackery

891
00:41:56,818 --> 00:42:04,150
the potentially most damaging problem

892
00:42:00,789 --> 00:42:06,969
was that the advert was illegal due to

893
00:42:04,150 --> 00:42:10,599
the statement you'll learn how to melt

894
00:42:06,969 --> 00:42:13,659
away pounds in the slimming advertising

895
00:42:10,599 --> 00:42:16,420
code Media Council of Australia it

896
00:42:13,659 --> 00:42:19,088
points out that all advertising which

897
00:42:16,420 --> 00:42:21,608
includes weight loss claim shall conform

898
00:42:19,088 --> 00:42:24,699

to the requirements of this code this

899

00:42:21,608 --> 00:42:27,250

advertisement doesn't furthermore the

900

00:42:24,699 --> 00:42:29,199

code states all advertisements shall be

901

00:42:27,250 --> 00:42:31,900

subject to prior clearance by the

902

00:42:29,199 --> 00:42:34,568

relevant clearance office with print

903

00:42:31,900 --> 00:42:36,550

media the clearance number allocated

904

00:42:34,568 --> 00:42:39,670

shall be displayed within the dimensions

905

00:42:36,550 --> 00:42:42,400

of the advertisement any advertisement

906

00:42:39,670 --> 00:42:44,530

which does not meet these criteria shall

907

00:42:42,400 --> 00:42:46,960

be deemed to be in breach of the code

908

00:42:44,530 --> 00:42:50,230

no relevant Australian publishing Bureau

909

00:42:46,960 --> 00:42:54,840

clearance number was included with the

910

00:42:50,230 --> 00:42:57,610

advert the magazine replied quickly and

911

00:42:54,840 --> 00:43:01,180

reassured me that the advert would no

912

00:42:57,610 --> 00:43:04,720

longer be included and guess who was

913
00:43:01,179 --> 00:43:08,949
peevd the books Australian distributor

914
00:43:04,719 --> 00:43:11,919
willow tree press phoned me from Sydney

915
00:43:08,949 --> 00:43:16,079
on the 3rd of November and advised me

916
00:43:11,920 --> 00:43:19,599
against taking on tresco publishes us I

917
00:43:16,079 --> 00:43:22,469
thanked him for the warning on his

918
00:43:19,599 --> 00:43:25,710
second call he had calmed down somewhat

919
00:43:22,469 --> 00:43:29,829
the greatest remedy for anger is delay

920
00:43:25,710 --> 00:43:32,400
Seneca I explained my great interest in

921
00:43:29,829 --> 00:43:35,949
the therapeutic powers of vinegar and

922
00:43:32,400 --> 00:43:38,769
could he please forward any scientific

923
00:43:35,949 --> 00:43:41,049
details as these had never previously

924
00:43:38,769 --> 00:43:42,940
entered the public health discussion

925
00:43:41,050 --> 00:43:45,039
among health professionals

926
00:43:42,940 --> 00:43:47,139
he offered to send me a copy of the

927
00:43:45,039 --> 00:43:49,059
vinegar book guaranteed to answer my

928
00:43:47,139 --> 00:43:51,609
questions as there was a list of

929
00:43:49,059 --> 00:43:53,559
references at the back of the book the

930
00:43:51,610 --> 00:43:55,870
answers were easy to find

931
00:43:53,559 --> 00:43:57,039
they were on the inside front cover and

932
00:43:55,869 --> 00:44:00,489
on page 2

933
00:43:57,039 --> 00:44:03,759
allow me to quote this book is intended

934
00:44:00,489 --> 00:44:07,119
as a record of folk lore and historical

935
00:44:03,760 --> 00:44:10,420
solutions no claims are intended as to

936
00:44:07,119 --> 00:44:13,119
the safety or endorsing or effectiveness

937
00:44:10,420 --> 00:44:15,539
of any of the remedies remember these

938
00:44:13,119 --> 00:44:20,250
are only folk remedies not

939
00:44:15,539 --> 00:44:24,190
scientifically proven cures I repeat not

940
00:44:20,250 --> 00:44:26,019
scientifically proven cures now that

941

00:44:24,190 --> 00:44:28,240
would have been a useful and honest

942
00:44:26,019 --> 00:44:31,000
statement to include in the advert

943
00:44:28,239 --> 00:44:33,639
indeed the author has our welfare at

944
00:44:31,000 --> 00:44:36,010
heart we are told that the Select

945
00:44:33,639 --> 00:44:39,099
Committee on Aging's Subcommittee on

946
00:44:36,010 --> 00:44:42,640
Health and long-term care House of

947
00:44:39,099 --> 00:44:45,730
Representative 98 Congress calls the

948
00:44:42,639 --> 00:44:50,230
marketing of supposed arthritis cures a

949
00:44:45,730 --> 00:44:53,260
10 billion dollar a year scandal it is

950
00:44:50,230 --> 00:44:55,990
much cheaper to use her arthritis remedy

951
00:44:53,260 --> 00:44:59,160
of 1 teaspoon of honey

952
00:44:55,989 --> 00:45:01,899
and one teaspoon of apple cider vinegar

953
00:44:59,159 --> 00:45:04,539
mixed into a glass of water and taken

954
00:45:01,900 --> 00:45:06,490
morning and evening I looked at 14 of

955
00:45:04,539 --> 00:45:10,449

the references listed in the back of the

956

00:45:06,489 --> 00:45:12,639

book of these eleven made no mention of

957

00:45:10,449 --> 00:45:16,389

vinegar rather they referred to

958

00:45:12,639 --> 00:45:18,759

nutrients not found in vinegar to others

959

00:45:16,389 --> 00:45:22,569

referred to vinegar reducing the

960

00:45:18,760 --> 00:45:24,640

severity of jellyfish stings this is

961

00:45:22,570 --> 00:45:27,849

well established in the Australian Red

962

00:45:24,639 --> 00:45:30,699

Cross first aid textbook recommends to

963

00:45:27,849 --> 00:45:33,609

pour vinegar over the stung area to

964

00:45:30,699 --> 00:45:35,679

inactivate bee stinging capsules and as

965

00:45:33,608 --> 00:45:37,539

an aside I'll say it's interesting that

966

00:45:35,679 --> 00:45:41,889

in the years since this was published I

967

00:45:37,539 --> 00:45:45,130

think the science now recommends against

968

00:45:41,889 --> 00:45:47,469

doing this we read on the final

969

00:45:45,130 --> 00:45:50,740

reference discussed the calcium content

970
00:45:47,469 --> 00:45:54,159
of soup stock with added vinegar where

971
00:45:50,739 --> 00:45:57,729
the author comments the decrease in pH

972
00:45:54,159 --> 00:46:01,509
due to the addition of 60 milliliters of

973
00:45:57,730 --> 00:46:03,519
vinegar was insufficient to extract a

974
00:46:01,510 --> 00:46:06,520
significant amount of calcium from the

975
00:46:03,519 --> 00:46:09,130
bones this is not the impression you get

976
00:46:06,519 --> 00:46:12,190
from reading page 18 of the book which

977
00:46:09,130 --> 00:46:13,869
implies vinegar added to soup can make a

978
00:46:12,190 --> 00:46:16,179
difference in the calcium which is

979
00:46:13,869 --> 00:46:19,240
pulled from boiled soup bones

980
00:46:16,179 --> 00:46:21,279
it is certainly bold of the author of

981
00:46:19,239 --> 00:46:24,459
the vinegar book to include a reference

982
00:46:21,280 --> 00:46:27,730
that refutes the various surgeons she

983
00:46:24,460 --> 00:46:30,760
makes misrepresenting research findings

984
00:46:27,730 --> 00:46:32,769
is common in nutrition quackery amino

985
00:46:30,760 --> 00:46:35,470
acids and bodybuilding is a wonderful

986
00:46:32,769 --> 00:46:38,469
example the very next sentence from this

987
00:46:35,469 --> 00:46:41,108
reference is nutrition misinformation

988
00:46:38,469 --> 00:46:44,439
can lead consumers into making choices

989
00:46:41,108 --> 00:46:47,348
that may result in serious consequences

990
00:46:44,440 --> 00:46:51,309
which would be the case if an individual

991
00:46:47,349 --> 00:46:53,789
relied primarily on a vinegar-based soup

992
00:46:51,309 --> 00:46:56,579
stock as a source of dietary calcium

993
00:46:53,789 --> 00:46:58,989
this study demonstrates the

994
00:46:56,579 --> 00:47:01,960
responsibility of the nutritional health

995
00:46:58,989 --> 00:47:04,389
professional to evaluate nutrition

996
00:47:01,960 --> 00:47:07,690
information critically through direct

997
00:47:04,389 --> 00:47:08,929
research or thorough review of reputable

998

00:47:07,690 --> 00:47:10,818
literature in

999
00:47:08,929 --> 00:47:16,239
to provide the public with the most

1000
00:47:10,818 --> 00:47:20,029
accurate information available precisely

1001
00:47:16,239 --> 00:47:21,979
and there is a footnote a complaint was

1002
00:47:20,030 --> 00:47:24,650
also forwarded to the advertising

1003
00:47:21,980 --> 00:47:27,829
standard Council the advertising

1004
00:47:24,650 --> 00:47:31,039
watchdog consequently the advertisement

1005
00:47:27,829 --> 00:47:32,900
cannot be run in its current form in a

1006
00:47:31,039 --> 00:47:36,409
phone conversation with the Australian

1007
00:47:32,900 --> 00:47:39,740
distributor on the 8th of December 1995

1008
00:47:36,409 --> 00:47:42,259
he said to me what you've done is a

1009
00:47:39,739 --> 00:47:44,659
crying shame you've done a lot of harm

1010
00:47:42,260 --> 00:47:47,150
to people who could have been cured of

1011
00:47:44,659 --> 00:47:48,920
ailments the vinegar book has sold a

1012
00:47:47,150 --> 00:47:52,880

hundred and forty thousand copies in

1013

00:47:48,920 --> 00:47:54,289

Australia and supposedly 2.5 million

1014

00:47:52,880 --> 00:47:58,519

worldwide

1015

00:47:54,289 --> 00:47:59,300

oh why was I born with scruples the

1016

00:47:58,519 --> 00:48:04,539

vinegar book

1017

00:47:59,300 --> 00:48:08,150

Emily Thacker Tresckow publishers 1994

1018

00:48:04,539 --> 00:48:10,789

and that report can be found in the

1019

00:48:08,150 --> 00:48:16,130

pages of the skeptic magazine volume 16

1020

00:48:10,789 --> 00:48:18,440

number one from 1996 and I note that the

1021

00:48:16,130 --> 00:48:20,329

vinegar book is still available if you

1022

00:48:18,440 --> 00:48:23,530

google the vinegar book you still find

1023

00:48:20,329 --> 00:48:28,190

copies a copies and older copies

1024

00:48:23,530 --> 00:48:30,790

available online for more reports

1025

00:48:28,190 --> 00:48:36,519

interviews and articles free to download

1026

00:48:30,789 --> 00:48:41,480

visit WWF tag scum day you

1027
00:48:36,519 --> 00:48:41,480
[Music]

1028
00:48:42,150 --> 00:48:46,750
hi I'm Darren McKee one of the hosts of

1029
00:48:44,829 --> 00:48:48,489
the reality check each week my co-host

1030
00:48:46,750 --> 00:48:50,079
and I explore a range of controversies

1031
00:48:48,489 --> 00:48:51,579
and curiosities using science and

1032
00:48:50,079 --> 00:48:53,469
critical thinking you can find us on

1033
00:48:51,579 --> 00:48:55,059
iTunes your favorite podcasting platform

1034
00:48:53,469 --> 00:48:56,649
and on Facebook by searching for the

1035
00:48:55,059 --> 00:48:59,139
reality check or by following us on

1036
00:48:56,650 --> 00:49:00,789
Twitter at TRC underscore podcast until

1037
00:48:59,139 --> 00:49:02,929
then keep an open mind but not so open

1038
00:49:00,789 --> 00:49:07,659
your brain falls out

1039
00:49:02,929 --> 00:49:07,659
[Music]

1040
00:49:13,710 --> 00:49:17,920
thank you for listening to the skeptic

1041
00:49:16,028 --> 00:49:21,489
zone now this week it's come to my

1042
00:49:17,920 --> 00:49:24,460
attention that Wakefield press Wakefield

1043
00:49:21,489 --> 00:49:27,759
press calm today you have just released

1044
00:49:24,460 --> 00:49:30,329
a book called curious recollections life

1045
00:49:27,759 --> 00:49:34,119
in the curiosity show by Rob Morrison

1046
00:49:30,329 --> 00:49:36,880
now we've interviewed Rob Morrison on

1047
00:49:34,119 --> 00:49:39,190
the show before many years ago Rob and

1048
00:49:36,880 --> 00:49:41,019
Dean Dean Hutton were the presenters of

1049
00:49:39,190 --> 00:49:43,929
the curiosity show in the 70s and the

1050
00:49:41,018 --> 00:49:46,959
80s here in Australia and did for people

1051
00:49:43,929 --> 00:49:49,389
like me it was a must-see after-school

1052
00:49:46,960 --> 00:49:52,929
show how to make things how things

1053
00:49:49,389 --> 00:49:57,190
worked lots of science lots of science

1054
00:49:52,929 --> 00:49:59,379
for kids I even made a hovercraft by

1055

00:49:57,190 --> 00:50:03,278
watching the curiosity show and many

1056
00:49:59,380 --> 00:50:05,469
years later I actually got the chance to

1057
00:50:03,278 --> 00:50:08,650
meet Rob and Dean which was fantastic

1058
00:50:05,469 --> 00:50:11,559
and I've been to Rob's house many years

1059
00:50:08,650 --> 00:50:13,509
ago I've spoken in front of both of them

1060
00:50:11,559 --> 00:50:15,880
which was quite a thrill talking about

1061
00:50:13,509 --> 00:50:18,159
skepticism anyway if you remember the

1062
00:50:15,880 --> 00:50:19,568
Curiosity show I'll add a link in this

1063
00:50:18,159 --> 00:50:21,728
week's show notes for curious

1064
00:50:19,568 --> 00:50:24,159
recollections life in the curiosity show

1065
00:50:21,728 --> 00:50:26,739
by Rob Morrison now the little blurb

1066
00:50:24,159 --> 00:50:28,298
says every child who grew up in

1067
00:50:26,739 --> 00:50:31,210
Australia in the 70s and the 80s

1068
00:50:28,298 --> 00:50:33,219
remembers the Curiosity show the science

1069
00:50:31,210 --> 00:50:36,009

show that encouraged kids to build their

1070

00:50:33,219 --> 00:50:38,170

own experiments at home running for 18

1071

00:50:36,009 --> 00:50:40,568

years it was a groundbreaking television

1072

00:50:38,170 --> 00:50:42,969

production winning awards and screening

1073

00:50:40,568 --> 00:50:45,460

into homes around the world actually

1074

00:50:42,969 --> 00:50:48,298

that's true because the show was dubbed

1075

00:50:45,460 --> 00:50:51,880

into other languages including German

1076

00:50:48,298 --> 00:50:53,440

which was quite fun anyway again a link

1077

00:50:51,880 --> 00:50:56,019

in this week's show notes if you grew up

1078

00:50:53,440 --> 00:50:58,269

with the Curiosity Show I'm sure you'd

1079

00:50:56,018 --> 00:50:59,949

want to get a copy of that book thank

1080

00:50:58,268 --> 00:51:02,919

you to those people who continue to

1081

00:50:59,949 --> 00:51:05,318

support the sceptic Zone in a very real

1082

00:51:02,920 --> 00:51:08,259

way financially there would be no show

1083

00:51:05,318 --> 00:51:10,659

unless people just like you supported

1084
00:51:08,259 --> 00:51:14,139
the show and you can do that via patreon

1085
00:51:10,659 --> 00:51:15,788
or PayPal at skeptic zone TV and I

1086
00:51:14,139 --> 00:51:18,759
encourage you to do so it'll give you a

1087
00:51:15,789 --> 00:51:21,099
wonderful warm feeling inside and help

1088
00:51:18,759 --> 00:51:23,588
me pay the bills for the show but of

1089
00:51:21,099 --> 00:51:25,539
course a very heartfelt thank you to the

1090
00:51:23,588 --> 00:51:28,480
people who have been supporting the

1091
00:51:25,539 --> 00:51:31,150
so for many years and the people who

1092
00:51:28,480 --> 00:51:33,969
just recently came on board the amount

1093
00:51:31,150 --> 00:51:37,240
is up to you but quite a few people have

1094
00:51:33,969 --> 00:51:40,480
decided that five dollars a month is the

1095
00:51:37,239 --> 00:51:42,489
right right contribution to make and

1096
00:51:40,480 --> 00:51:44,559
that's not too much to ask I don't think

1097
00:51:42,489 --> 00:51:47,139
next week's show we'll be coming to you

1098
00:51:44,559 --> 00:51:49,539
once again from California as I head

1099
00:51:47,139 --> 00:51:51,819
over there to get ready to go to Dragon

1100
00:51:49,539 --> 00:51:54,099
Con in Atlanta Georgia I need a little

1101
00:51:51,820 --> 00:51:57,100
bit of time to frankly to get over

1102
00:51:54,099 --> 00:51:59,469
jetlag otherwise I'm a complete mess I'm

1103
00:51:57,099 --> 00:52:01,839
a complete wreck so I spend a little bit

1104
00:51:59,469 --> 00:52:04,059
of time in California getting my head

1105
00:52:01,840 --> 00:52:06,579
together getting my sea legs my land

1106
00:52:04,059 --> 00:52:09,489
legs and then heading over to Dragon Con

1107
00:52:06,579 --> 00:52:11,590
where I hope to bring you many hours of

1108
00:52:09,489 --> 00:52:14,919
interesting interviews and insights and

1109
00:52:11,590 --> 00:52:15,400
lots of fun from Atlanta but for this

1110
00:52:14,920 --> 00:52:17,230
week

1111
00:52:15,400 --> 00:52:23,829
this is Richard Saunders signing off

1112

00:52:17,230 --> 00:52:25,900
from Sydney Australia you've been

1113
00:52:23,829 --> 00:52:31,360
listening to the skeptic zone podcast

1114
00:52:25,900 --> 00:52:34,660
please visit our website at WWDC because

1115
00:52:31,360 --> 00:52:38,160
shownotes contacts and to access the bat

1116
00:52:34,659 --> 00:52:40,809
catalog of episodes going back to 2008

1117
00:52:38,159 --> 00:52:44,109
you can follow the skeptic zone podcast

1118
00:52:40,809 --> 00:52:46,389
on twitter at skeptic zone visit our

1119
00:52:44,110 --> 00:52:47,280
facebook page or leave a review on

1120
00:52:46,389 --> 00:52:49,960
itunes

1121
00:52:47,280 --> 00:52:53,350
you can also support the skeptic zone

1122
00:52:49,960 --> 00:52:56,740
via patreon or PayPal the skeptic zone

1123
00:52:53,349 --> 00:52:58,449
podcast is an independent production the

1124
00:52:56,739 --> 00:53:00,579
views and opinions expressed on the

1125
00:52:58,449 --> 00:53:02,919
skeptic zone are not necessarily those

1126
00:53:00,579 --> 00:53:04,730

of Australian skeptics or any other

1127

00:53:02,920 --> 00:53:11,219
skeptical organisation

1128

00:53:04,730 --> 00:53:11,219
[Music]

1129

00:53:15,570 --> 00:53:20,130
hello to the afterthoughts the people

1130

00:53:17,670 --> 00:53:23,880
who tuned in after the music tuning keep

1131

00:53:20,130 --> 00:53:25,289
listening to play the dice game and it's

1132

00:53:23,880 --> 00:53:27,630
quite good doing this because I don't

1133

00:53:25,289 --> 00:53:30,210
care if the planes come over which

1134

00:53:27,630 --> 00:53:32,340
they're doing every minute and a half at

1135

00:53:30,210 --> 00:53:33,990
the moment what's going on maybe it's

1136

00:53:32,340 --> 00:53:36,090
because of the cold winds they have to

1137

00:53:33,989 --> 00:53:38,309
change the flight path I'm not sure

1138

00:53:36,090 --> 00:53:42,150
what's going on and you might guess that

1139

00:53:38,309 --> 00:53:44,549
this studio is not exactly soundproof so

1140

00:53:42,150 --> 00:53:46,710
I have to stop recording frequently some

1141
00:53:44,550 --> 00:53:48,570
mornings anyway

1142
00:53:46,710 --> 00:53:49,920
anyway yes the dice game for those

1143
00:53:48,570 --> 00:53:51,960
people who don't know every now and then

1144
00:53:49,920 --> 00:53:55,920
at the end of the show I will roll and

1145
00:53:51,960 --> 00:54:00,329
die sometimes it's a d6 excited

1146
00:53:55,920 --> 00:54:03,180
sometimes it's a d-10 it's been up to D

1147
00:54:00,329 --> 00:54:06,889
60 in the past I think today it's going

1148
00:54:03,179 --> 00:54:09,889
to be a d 100 well sort of I have a d-10

1149
00:54:06,889 --> 00:54:12,509
10 sided die I'm gonna roll it twice

1150
00:54:09,889 --> 00:54:16,739
twice you see and that will give you a

1151
00:54:12,510 --> 00:54:19,650
number between 1 or from 1 to 100 I'm

1152
00:54:16,739 --> 00:54:22,500
going to do this three times why not

1153
00:54:19,650 --> 00:54:24,559
where's my pen no he's after write down

1154
00:54:22,500 --> 00:54:28,139
the values here because I could forget

1155
00:54:24,559 --> 00:54:30,440
here we go ready to go so I want you now

1156
00:54:28,139 --> 00:54:33,440
to use your psychic powers

1157
00:54:30,440 --> 00:54:37,860
here's your predicting powers and

1158
00:54:33,440 --> 00:54:52,349
predict a number from 1 to 100 here we

1159
00:54:37,860 --> 00:54:54,599
go the first number is 39 39 good luck

1160
00:54:52,349 --> 00:55:01,549
if you got that ok the next number from

1161
00:54:54,599 --> 00:55:01,549
1 to 100 will be 50

1162
00:55:05,099 --> 00:55:23,170
3:53 39 and 53 in the last number how's

1163
00:55:11,860 --> 00:55:26,019
your predicting going 50 again 57 all

1164
00:55:23,170 --> 00:55:31,329
odd numbers all odd numbers three nine

1165
00:55:26,019 --> 00:55:39,849
five three five seven thirty nine 53 57

1166
00:55:31,329 --> 00:55:42,750
how did you go where are those cats they

1167
00:55:39,849 --> 00:55:42,750
hit the studio door