

Episode **564**

THE
**SKEPTIC
ZONE**
PODCAST

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11 August 2019

The Skeptic Zone Podcast



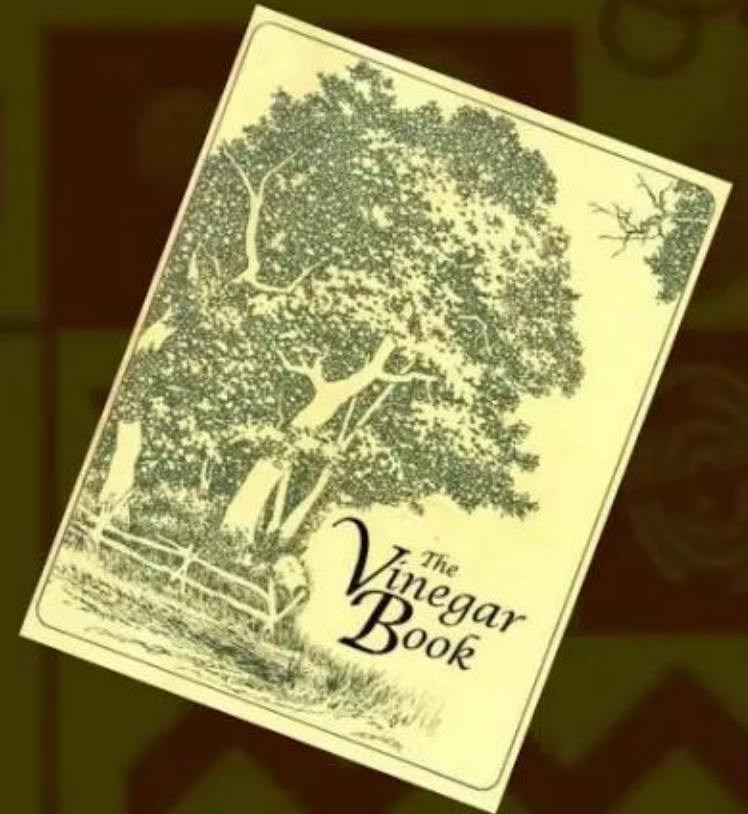
Pontus Bockman

Episode **564** - 11 Aug 2019

Pontus Bockman
from
The ESP

The Vinegar Book

Super Science Saturday



1
00:00:11,860 --> 00:00:09,110
welcome to the skeptic zone the podcast

2
00:00:13,930 --> 00:00:11,870
from Australia for science and reason

3
00:00:16,900 --> 00:00:13,940
[Music]

4
00:00:22,380 --> 00:00:16,910
[Applause]

5
00:00:24,910 --> 00:00:22,390
[Music]

6
00:00:28,570 --> 00:00:24,920
yes it's the skeptic zone podcast

7
00:00:31,540 --> 00:00:28,580
episode number 564 for the 11th of

8
00:00:36,180 --> 00:00:31,550
August 2019 which it Saunders here with

9
00:00:38,380 --> 00:00:36,190
you from Sydney Australia cold snap this

10
00:00:45,189 --> 00:00:38,390
cold snap

11
00:00:51,660 --> 00:00:45,199
not in Sydney but close by Sydney in the

12
00:00:55,060 --> 00:00:51,670
mountains freezing winds icebergs sleet

13
00:00:57,640 --> 00:00:55,070

polar bears you name it actually it's

14

00:01:00,130 --> 00:00:57,650

the sort of weather I like coming up on

15

00:01:02,680 --> 00:01:00,140

this week's show I catch up with a

16

00:01:05,380 --> 00:01:02,690

friend I've never met Pontus Bookman

17

00:01:07,810 --> 00:01:05,390

from Sweden Qantas is part of the

18

00:01:10,030 --> 00:01:07,820

European sceptics podcast one of the

19

00:01:14,230 --> 00:01:10,040

three people doing that as they like to

20

00:01:16,690 --> 00:01:14,240

say the real ESP experience Pontus will

21

00:01:19,630 --> 00:01:16,700

be telling us about recent victories for

22

00:01:22,990 --> 00:01:19,640

skeptics in Sweden and also about the

23

00:01:26,230 --> 00:01:23,000

upcoming European skeptics Congress in

24

00:01:28,840 --> 00:01:26,240

Belgium the joy of skepticism

25

00:01:32,230 --> 00:01:28,850

it says here looking quickly at the

26
00:01:35,500 --> 00:01:32,240
European skeptics Congress page 18th

27
00:01:38,050 --> 00:01:35,510
European skeptics Congress 2019 every

28
00:01:40,210 --> 00:01:38,060
other year skeptics from all over Europe

29
00:01:42,160 --> 00:01:40,220
come together to meet at a skeptics

30
00:01:44,560 --> 00:01:42,170
Congress they listen to talks about a

31
00:01:46,630 --> 00:01:44,570
variety of subjects participate in

32
00:01:48,880 --> 00:01:46,640
debates exchange experiences with

33
00:01:49,930 --> 00:01:48,890
colleagues from abroad while having a

34
00:01:52,420 --> 00:01:49,940
great time together

35
00:01:55,030 --> 00:01:52,430
this year we are meeting in Ghent one of

36
00:01:57,160 --> 00:01:55,040
the great historical cities in Belgium

37
00:01:59,560 --> 00:01:57,170
home to one of its main universities

38
00:02:02,560 --> 00:01:59,570

with a pre-program skeptics in the pub

39

00:02:04,540 --> 00:02:02,570

event in the center of Brussels come and

40

00:02:07,210 --> 00:02:04,550

join us for three to four days of fun

41

00:02:10,240 --> 00:02:07,220

and learning and don't forget to sample

42

00:02:12,309 --> 00:02:10,250

Belgium's fine beers and chocolates

43

00:02:13,140 --> 00:02:12,319

while you're there that sounds pretty

44

00:02:30,880 --> 00:02:13,150

good

45

00:02:34,100 --> 00:02:30,890

that website by the way is e s C 201.57

46

00:02:36,410 --> 00:02:34,110

a at the Australian Museum just

47

00:02:37,790 --> 00:02:36,420

yesterday Ian Bryce from the Australian

48

00:02:41,300 --> 00:02:37,800

skeptics and the mystery investigators

49

00:02:45,050 --> 00:02:41,310

and a high performed two shows at the

50

00:02:47,840 --> 00:02:45,060

Museum - absolutely packed houses as

51
00:02:50,690 --> 00:02:47,850
that they say it was very nice to see so

52
00:02:53,300 --> 00:02:50,700
many people line up outside the door to

53
00:02:55,840 --> 00:02:53,310
get into our shows in fact in fact

54
00:02:59,270 --> 00:02:55,850
people had to be turned away which was

55
00:03:02,120 --> 00:02:59,280
quite something really a report about

56
00:03:05,080 --> 00:03:02,130
the show and a report about science day

57
00:03:07,790 --> 00:03:05,090
in the museum itself with only one

58
00:03:10,610 --> 00:03:07,800
disappointing aspect and that was a

59
00:03:14,210 --> 00:03:10,620
little bit of quackery a little bit of

60
00:03:17,210 --> 00:03:14,220
silly quackery snuck in to a science

61
00:03:19,970 --> 00:03:17,220
event find out more soon then to round

62
00:03:22,729 --> 00:03:19,980
off the show we dive into the pages of

63
00:03:26,300 --> 00:03:22,739

the skeptic magazine way back to 1996

64

00:03:29,000 --> 00:03:26,310

and read about some skeptical activism

65

00:03:31,630 --> 00:03:29,010

way back then when Glenn Cardwell sent

66

00:03:35,170 --> 00:03:31,640

in a complaint to a magazine about an

67

00:03:37,820 --> 00:03:35,180

advertisement for the vinegar book

68

00:03:39,800 --> 00:03:37,830

vinegar and it's quite interesting to

69

00:03:42,440 --> 00:03:39,810

note that the author of this book like a

70

00:03:44,330 --> 00:03:42,450

lot of quacks tends to think that their

71

00:03:46,910 --> 00:03:44,340

pet quackery can solve everything

72

00:03:49,970 --> 00:03:46,920

I think the prime example is homeopathy

73

00:03:53,949 --> 00:03:49,980

where proponents of homeopathy think it

74

00:03:56,360 --> 00:03:53,959

is the mystical cure-all for everything

75

00:03:58,660 --> 00:03:56,370

everything and the group here in

76

00:04:02,090 --> 00:03:58,670

Australia called homeopathy plus I note

77

00:04:04,250 --> 00:04:02,100

regularly put out newsletters about what

78

00:04:06,080 --> 00:04:04,260

homeopathy can fix and cure and help I

79

00:04:10,009 --> 00:04:06,090

think something to do with radiation

80

00:04:13,699 --> 00:04:10,019

damage but that's that's a hallmark of

81

00:04:15,890 --> 00:04:13,709

quackery your fill in the blank here pet

82

00:04:18,469 --> 00:04:15,900

quackery can fix this this this this

83

00:04:20,900 --> 00:04:18,479

this this and lots of other things

84

00:04:23,510 --> 00:04:20,910

anyway find out about the skeptical

85

00:04:25,909 --> 00:04:23,520

activism all those years ago towards the

86

00:04:28,180 --> 00:04:25,919

end of the show stay tuned at the end of

87

00:04:31,070 --> 00:04:28,190

the show for more announcements from me

88

00:04:32,900 --> 00:04:31,080

but now it's time for me to run

89

00:04:35,270 --> 00:04:32,910

downstairs put the kettle on and have a

90

00:04:39,170 --> 00:04:35,280

nice big mug of hot chocolate on such a

91

00:04:42,350 --> 00:04:39,180

cold day do I have any marshmallows oh I

92

00:04:44,120 --> 00:04:42,360

don't think so oh well just a mug of hot

93

00:04:46,370 --> 00:04:44,130

chocolate well I do that I hope you

94

00:04:53,810 --> 00:04:46,380

enjoy the skeptics are

95

00:04:56,790 --> 00:04:53,820

[Music]

96

00:05:07,439 --> 00:04:56,800

[Applause]

97

00:05:10,300 --> 00:05:07,449

[Music]

98

00:05:12,700 --> 00:05:10,310

and joining me now from the city of

99

00:05:15,129 --> 00:05:12,710

Malmo which is in the south of Sweden

100

00:05:16,990 --> 00:05:15,139

and people who know the TV show the

101
00:05:19,719 --> 00:05:17,000
bridge which was very popular in

102
00:05:22,450 --> 00:05:19,729
Australia certainly know now no it's

103
00:05:25,480 --> 00:05:22,460
pontus from the european sceptics

104
00:05:28,870 --> 00:05:25,490
podcast ESP and the Swedish sceptics

105
00:05:31,510 --> 00:05:28,880
hello hello Richard so good to talk to

106
00:05:32,830 --> 00:05:31,520
you it's interesting isn't it because I

107
00:05:34,540 --> 00:05:32,840
was just thinking before this interview

108
00:05:37,900 --> 00:05:34,550
started I've got a lot of friends around

109
00:05:39,850 --> 00:05:37,910
the world whom I have never met but I've

110
00:05:41,469 --> 00:05:39,860
sort of met you because we've spoken in

111
00:05:43,089 --> 00:05:41,479
the past and I can see you on the video

112
00:05:46,890 --> 00:05:43,099
but I've never actually seen you in

113
00:05:49,600 --> 00:05:46,900

person no we have to fix that sometime I

114

00:05:53,050 --> 00:05:49,610

would I think I'll take you up on that

115

00:05:55,390 --> 00:05:53,060

offer I went to Sweden briefly odd over

116

00:05:57,610 --> 00:05:55,400

20 years ago I was in Sweden for New

117

00:05:59,290 --> 00:05:57,620

Year's once in the south of Sweden and I

118

00:06:01,990 --> 00:05:59,300

walked on an ice lake which was

119

00:06:04,300 --> 00:06:02,000

fantastic and a few years ago I was in

120

00:06:06,640 --> 00:06:04,310

Oslo which I love so yes one year I will

121

00:06:09,070 --> 00:06:06,650

have to make my way to Sweden but please

122

00:06:12,360 --> 00:06:09,080

for the sake of our worldwide audience

123

00:06:15,969 --> 00:06:12,370

what's the state of skepticism in Sweden

124

00:06:18,820 --> 00:06:15,979

yeah Oh in Sweden or in Europe in

125

00:06:22,180 --> 00:06:18,830

general I mean we have there's so much

126

00:06:24,430 --> 00:06:22,190

to tell really I think in in Sweden

127

00:06:27,219 --> 00:06:24,440

we've actually had just a very big win

128

00:06:30,610 --> 00:06:27,229

for skepticism and that is Oh excellent

129

00:06:33,960 --> 00:06:30,620

please look at anthroposophical medicine

130

00:06:37,360 --> 00:06:33,970

so-called medicine will no longer be

131

00:06:39,939 --> 00:06:37,370

allowed to sell be sold in Sweden from

132

00:06:42,249 --> 00:06:39,949

1st of September this year so is this

133

00:06:44,740 --> 00:06:42,259

this has been a theme that we've been

134

00:06:47,680 --> 00:06:44,750

fighting for a long time there was an

135

00:06:51,610 --> 00:06:47,690

exception introduced I think several

136

00:06:54,719 --> 00:06:51,620

decades ago saying that one clinic and

137

00:06:57,700 --> 00:06:54,729

one pharmacy were allowed to sell these

138

00:07:00,760 --> 00:06:57,710

nonsense products even though they were

139

00:07:04,149 --> 00:07:00,770

not formally approved as medicine

140

00:07:05,620 --> 00:07:04,159

because how could they be and eventually

141

00:07:09,070 --> 00:07:05,630

well fine

142

00:07:12,460 --> 00:07:09,080

the this exception has been phased out

143

00:07:14,920 --> 00:07:12,470

and from the 1st of September both the

144

00:07:17,830 --> 00:07:14,930

clinic will closed and the pharmacy will

145

00:07:20,440 --> 00:07:17,840

close and all anthroposophical medicine

146

00:07:21,190 --> 00:07:20,450

is no longer allowed in Sweden so that's

147

00:07:23,770 --> 00:07:21,200

great

148

00:07:26,290 --> 00:07:23,780

what for people like me who aren't too

149

00:07:28,030 --> 00:07:26,300

sure what can you tell me about that

150

00:07:29,350 --> 00:07:28,040

sort of medicine what's the basis of it

151

00:07:32,500 --> 00:07:29,360

is it like homeopathy

152

00:07:35,170 --> 00:07:32,510

well it seems inspired by homeopathy but

153

00:07:38,170 --> 00:07:35,180

the antrum the anthroposophical movement

154

00:07:40,180 --> 00:07:38,180

become very testy and irritated when you

155

00:07:43,660 --> 00:07:40,190

call it homeopathy because there's

156

00:07:46,180 --> 00:07:43,670

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

157

00:07:48,370 --> 00:07:46,190

totally Laimbeer so mapa the-- but it's

158

00:07:52,330 --> 00:07:48,380

a lot of nonsense it is it was invented

159

00:07:56,140 --> 00:07:52,340

by a Rudolf Steiner in the early 1900s

160

00:07:59,860 --> 00:07:56,150

and he believed in angels and believed

161

00:08:01,990 --> 00:07:59,870

in very many strange things so there's a

162

00:08:05,530 --> 00:08:02,000

lot of ritual involved so I know one

163

00:08:08,470 --> 00:08:05,540

nurse who actually practiced for a short

164

00:08:11,590 --> 00:08:08,480

while at this clinic and he told me that

165

00:08:14,200 --> 00:08:11,600

when they prepared their medication it

166

00:08:16,030 --> 00:08:14,210

was very important to - it was third

167

00:08:19,240 --> 00:08:16,040

seven times and it had to be

168

00:08:21,550 --> 00:08:19,250

counterclockwise and then seven times

169

00:08:23,890 --> 00:08:21,560

clockwise and then you looked at the

170

00:08:28,750 --> 00:08:23,900

moon or something it was that kind of

171

00:08:30,670 --> 00:08:28,760

hocus-pocus really you've got me

172

00:08:32,620 --> 00:08:30,680

picturing somebody looking at the moon

173

00:08:36,430 --> 00:08:32,630

stirring something very carefully now

174

00:08:38,680 --> 00:08:36,440

yeah I'm sure it's all true and that's

175

00:08:43,120 --> 00:08:38,690

why it works because they put their

176

00:08:45,310 --> 00:08:43,130

mental energy into the so anyway that's

177

00:08:47,080 --> 00:08:45,320

no longer allowed so that was that's

178

00:08:48,760 --> 00:08:47,090

something we've been waiting for for a

179

00:08:50,950 --> 00:08:48,770

long time actually the decision was

180

00:08:54,580 --> 00:08:50,960

taking a couple of years ago but now the

181

00:08:57,730 --> 00:08:54,590

the they faced it out over a couple of

182

00:09:01,090 --> 00:08:57,740

years and they gave of course there and

183

00:09:03,700 --> 00:09:01,100

true Pacific people the the chance to if

184

00:09:06,400 --> 00:09:03,710

you can register the you can register

185

00:09:09,460 --> 00:09:06,410

these things as medicine but you have to

186

00:09:11,740 --> 00:09:09,470

show that it works oh and they haven't

187

00:09:13,870 --> 00:09:11,750

even tried to do that because they know

188

00:09:15,730 --> 00:09:13,880

they can't prove it well that's

189

00:09:18,610 --> 00:09:15,740

fantastic I love to hear success stories

190

00:09:20,590 --> 00:09:18,620

like this I mean worldwide we're all

191

00:09:23,980 --> 00:09:20,600

moving to try and phase out homeopathy

192

00:09:25,720 --> 00:09:23,990

and I think it's largely being it's

193

00:09:27,160 --> 00:09:25,730

largely working a lot of countries

194

00:09:29,350 --> 00:09:27,170

around the world are cracking down on

195

00:09:31,960 --> 00:09:29,360

homeopathy or phasing it out or no

196

00:09:34,480 --> 00:09:31,970

longer tolerating it so every little bit

197

00:09:37,600 --> 00:09:34,490

helps I think yeah and we do see that in

198

00:09:39,340 --> 00:09:37,610

Europe of course our good friends in the

199

00:09:42,730 --> 00:09:39,350

good thinking Society has been very

200

00:09:47,470 --> 00:09:42,740

successful in the UK getting the NHS to

201
00:09:49,570 --> 00:09:47,480
more or less now ban all the or not it's

202
00:09:52,510 --> 00:09:49,580
not banned but they no longer fund the

203
00:09:54,220 --> 00:09:52,520
whole homeopathy in the UK yeah we're

204
00:09:56,740 --> 00:09:54,230
seeing the similar things happening in

205
00:09:59,080 --> 00:09:56,750
in France just a month ago there was a

206
00:10:02,320 --> 00:09:59,090
decision to face out the funding for

207
00:10:06,870 --> 00:10:02,330
homeopathy in in France and we know that

208
00:10:09,670 --> 00:10:06,880
the German minister of health is also

209
00:10:13,840 --> 00:10:09,680
looking into doing something similar in

210
00:10:16,410 --> 00:10:13,850
Germany which is a big sensation really

211
00:10:19,900 --> 00:10:16,420
because that's where it's very very big

212
00:10:22,150 --> 00:10:19,910
homeopathy of course and in Australia

213
00:10:23,740 --> 00:10:22,160

too over the years it's been well there

214

00:10:26,020 --> 00:10:23,750

are people I mean you get pockets of

215

00:10:28,480 --> 00:10:26,030

people in every country who swear by it

216

00:10:31,600 --> 00:10:28,490

and think it's absolutely the best

217

00:10:33,130 --> 00:10:31,610

system ever invented and we've had big

218

00:10:36,220 --> 00:10:33,140

problems in this country where people

219

00:10:38,440 --> 00:10:36,230

have been selling we know the

220

00:10:40,450 --> 00:10:38,450

homeopathic medicine is fake anyway but

221

00:10:42,790 --> 00:10:40,460

they'll be selling things for

222

00:10:45,520 --> 00:10:42,800

vaccinations which is caused a great

223

00:10:47,680 --> 00:10:45,530

alarm yeah and they say well that's why

224

00:10:49,480 --> 00:10:47,690

they you can't say that it's harmless

225

00:10:51,370 --> 00:10:49,490

just because it doesn't do anything

226
00:10:54,700 --> 00:10:51,380
because people take it instead of other

227
00:10:57,450 --> 00:10:54,710
things and it's both against cancer it's

228
00:11:00,570 --> 00:10:57,460
vaccinations it's it's for everything so

229
00:11:03,250 --> 00:11:00,580
really really harmful but it's hard to

230
00:11:05,380 --> 00:11:03,260
it's hard to convince people that it is

231
00:11:08,560 --> 00:11:05,390
soundwave if it's just sugar pills and

232
00:11:11,140 --> 00:11:08,570
what's the harm yes exactly but as you

233
00:11:12,550 --> 00:11:11,150
well know most people and I know we're

234
00:11:15,340 --> 00:11:12,560
straying from the original topic when

235
00:11:17,440 --> 00:11:15,350
sort of concentrating on homeopathy we

236
00:11:19,720 --> 00:11:17,450
can do that for a moment most people who

237
00:11:21,520 --> 00:11:19,730
don't know much about homeopathy think

238
00:11:24,220 --> 00:11:21,530

that there's a little bit of this

239

00:11:26,920 --> 00:11:24,230

substance in the in the remedy and when

240

00:11:28,330 --> 00:11:26,930

you tell them that there is no substance

241

00:11:29,830 --> 00:11:28,340

in the remedy they they get very

242

00:11:32,530 --> 00:11:29,840

confused because that's not what they

243

00:11:37,300 --> 00:11:32,540

thought now because it's ridic

244

00:11:40,030 --> 00:11:37,310

that can't be true right Ryan yeah mmm

245

00:11:42,100 --> 00:11:40,040

yeah so that's that that's wonderful to

246

00:11:44,050 --> 00:11:42,110

hear that this action is being taken in

247

00:11:47,200 --> 00:11:44,060

Sweden I mean do you find generally

248

00:11:50,019 --> 00:11:47,210

there's a lot in Sweden that skeptics

249

00:11:52,870 --> 00:11:50,029

need to concern themselves with yeah I

250

00:11:54,850 --> 00:11:52,880

think we have well one thing was the

251
00:11:56,980 --> 00:11:54,860
anthroposophical movement because they

252
00:11:58,540 --> 00:11:56,990
are probably still have a lot of

253
00:12:01,269 --> 00:11:58,550
supporters here even though it's now

254
00:12:06,340 --> 00:12:01,279
being phased out but the other thing is

255
00:12:09,519 --> 00:12:06,350
of course the anti-vaccine you know we

256
00:12:13,360 --> 00:12:09,529
following the the with horror we're

257
00:12:16,090 --> 00:12:13,370
following the measles epidemic going

258
00:12:20,410 --> 00:12:16,100
over the world and not not in the least

259
00:12:22,690 --> 00:12:20,420
in Europe I'm I think we will look at

260
00:12:26,920 --> 00:12:22,700
over a hundred thousand cases in Europe

261
00:12:29,860 --> 00:12:26,930
before the end of this year mmm the the

262
00:12:32,139 --> 00:12:29,870
increase is exponential it's not slowing

263
00:12:38,440 --> 00:12:32,149

down at all so it's really really

264

00:12:42,370 --> 00:12:38,450

terrible WHL released a report a few

265

00:12:44,860 --> 00:12:42,380

months ago saying they made a study and

266

00:12:48,100 --> 00:12:44,870

they say that the vaccination rates in

267

00:12:50,110 --> 00:12:48,110

the world overall has not improved over

268

00:12:52,510 --> 00:12:50,120

the last eight years it was still at the

269

00:12:54,790 --> 00:12:52,520

same place so I don't see this going

270

00:12:57,090 --> 00:12:54,800

away now I don't see it going away

271

00:13:00,790 --> 00:12:57,100

either and it really speaks to how

272

00:13:05,380 --> 00:13:00,800

persuasive the other side can be with

273

00:13:07,870 --> 00:13:05,390

their emotive fear campaigns and it

274

00:13:11,440 --> 00:13:07,880

oddly it reminds me of things in the

275

00:13:13,329 --> 00:13:11,450

past where people will say well just be

276

00:13:15,340 --> 00:13:13,339

careful and and you know don't trust the

277

00:13:17,260 --> 00:13:15,350

government and teach both sides and you

278

00:13:19,030 --> 00:13:17,270

know more research needs to be done and

279

00:13:22,420 --> 00:13:19,040

your children are more important all

280

00:13:25,750 --> 00:13:22,430

this can appeal I think to young parents

281

00:13:27,970 --> 00:13:25,760

yes yes and and as a parent of course

282

00:13:31,569 --> 00:13:27,980

you are looking for anything that could

283

00:13:35,110 --> 00:13:31,579

help or improve your child's situation

284

00:13:37,780 --> 00:13:35,120

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

285

00:13:40,990 --> 00:13:37,790

anything and that's that's very

286

00:13:42,790 --> 00:13:41,000

dangerous absolutely absolutely so again

287

00:13:44,269 --> 00:13:42,800

I'm pleased to hear of any progress

288

00:13:46,280 --> 00:13:44,279

being made in

289

00:13:50,840 --> 00:13:46,290

any part of the world but now how long

290

00:13:53,629 --> 00:13:50,850

have the the Swedish skeptics been been

291

00:13:56,210 --> 00:13:53,639

operating the Swedish skeptics were

292

00:13:59,809 --> 00:13:56,220

founded in in 1982

293

00:14:02,150 --> 00:13:59,819

so that was well before I was active so

294

00:14:04,009 --> 00:14:02,160

it started with a few professors or

295

00:14:05,829 --> 00:14:04,019

academics who got together and thought

296

00:14:07,160 --> 00:14:05,839

we need to do something about this

297

00:14:09,619 --> 00:14:07,170

nonsense

298

00:14:12,009 --> 00:14:09,629

Yuri Geller was big I think it seems

299

00:14:15,679 --> 00:14:12,019

Randi did a lot to inspire this

300

00:14:17,689 --> 00:14:15,689

formation as well and for for the first

301

00:14:20,869 --> 00:14:17,699

ten years it was more or less it was

302

00:14:23,449 --> 00:14:20,879

maybe a hundred people 100 members who

303

00:14:26,269 --> 00:14:23,459

kept in contact and there was a small

304

00:14:28,210 --> 00:14:26,279

leaflet or they call it a magazine but

305

00:14:33,199 --> 00:14:28,220

to be honest in the beginning was just a

306

00:14:36,009 --> 00:14:33,209

printed paper circulated and but then in

307

00:14:41,780 --> 00:14:36,019

the early 90s it started to take off and

308

00:14:44,480 --> 00:14:41,790

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

309

00:14:48,439 --> 00:14:44,490

members and we're now well we're trying

310

00:14:51,710 --> 00:14:48,449

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

311

00:14:54,499 --> 00:14:51,720

movement we have we have our prices we

312

00:14:56,869 --> 00:14:54,509

just like you hand out the bent spoon

313

00:15:00,650 --> 00:14:56,879

award and whatnot we have our shame

314

00:15:02,720 --> 00:15:00,660

price and we have our enlightener of the

315

00:15:05,840 --> 00:15:02,730

Year prize as well for somebody's done

316

00:15:08,389 --> 00:15:05,850

very well and we do get quite some

317

00:15:12,290 --> 00:15:08,399

publicity in the papers etc when once we

318

00:15:16,100 --> 00:15:12,300

hand out these awards so yeah I think

319

00:15:19,790 --> 00:15:16,110

we're we're a healthy organization and

320

00:15:22,280 --> 00:15:19,800

we're looking to do even more well of

321

00:15:25,100 --> 00:15:22,290

course the Australian skeptics have had

322

00:15:27,379 --> 00:15:25,110

a long long policy a long time policy of

323

00:15:29,480 --> 00:15:27,389

helping any sceptical group around the

324

00:15:31,699 --> 00:15:29,490

world so of course we're always ready to

325

00:15:33,889 --> 00:15:31,709

help and speaking from the sceptic zone

326

00:15:36,710 --> 00:15:33,899

the skeptic zone has in fact been

327

00:15:38,240 --> 00:15:36,720

helping in our very small way for quite

328

00:15:41,600 --> 00:15:38,250

a few years now by running promotions

329

00:15:44,780 --> 00:15:41,610

about the swedish sceptics that is

330

00:15:46,189 --> 00:15:44,790

correct thank you very much and of

331

00:15:48,530 --> 00:15:46,199

course and of course we've been running

332

00:15:51,199 --> 00:15:48,540

promotions for well ever since you

333

00:15:53,990 --> 00:15:51,209

started with the ESP what a wonderful

334

00:15:56,150 --> 00:15:54,000

name for a podcast for those people who

335

00:15:57,880 --> 00:15:56,160

who may not have caught up with the ESP

336

00:16:01,000 --> 00:15:57,890

can you tell us a little bit of

337

00:16:05,560 --> 00:16:01,010

that and how that's progressing yeah yes

338

00:16:07,509 --> 00:16:05,570

we we just three of us Andrus Gillian

339

00:16:09,490 --> 00:16:07,519

and myself the unrest is from Hungary

340

00:16:11,440 --> 00:16:09,500

Jelena is from Latvia and I'm from

341

00:16:13,990 --> 00:16:11,450

Sweden obviously and we met a couple of

342

00:16:17,019 --> 00:16:14,000

times and we had a susan gerbic as a

343

00:16:19,750 --> 00:16:17,029

mutual friend uh-huh and we got together

344

00:16:21,550 --> 00:16:19,760

and we hit it off right away and said we

345

00:16:24,790 --> 00:16:21,560

need to do something and we realized

346

00:16:27,040 --> 00:16:24,800

that there is there was a gap in all the

347

00:16:31,480 --> 00:16:27,050

podcasts out there there was nobody who

348

00:16:35,650 --> 00:16:31,490

was covering the European scene per se

349

00:16:38,769 --> 00:16:35,660

when he when you look at not just the

350

00:16:40,840 --> 00:16:38,779

english-speaking Europe but all of the

351

00:16:45,250 --> 00:16:40,850

other countries like Italy Spain and

352

00:16:48,519 --> 00:16:45,260

Germany Hungary Czech Czech Republic etc

353

00:16:50,650 --> 00:16:48,529

it was very hard to get news in English

354

00:16:52,600 --> 00:16:50,660

from all of these countries today we

355

00:16:55,690 --> 00:16:52,610

know people in all these places or

356

00:16:56,259 --> 00:16:55,700

remote not all of them but but now we do

357

00:17:00,730 --> 00:16:56,269

I guess

358

00:17:02,410 --> 00:17:00,740

and we among the three of us we speak a

359

00:17:06,970 --> 00:17:02,420

number of languages and there's always

360

00:17:10,120 --> 00:17:06,980

Google Translate so let's do that and I

361

00:17:12,340 --> 00:17:10,130

I think we are doing something that is

362

00:17:16,569 --> 00:17:12,350

needed really and I think we've brought

363

00:17:18,850 --> 00:17:16,579

an awareness that there are skeptic

364

00:17:21,579 --> 00:17:18,860

groups in every country I can say that

365

00:17:23,350 --> 00:17:21,589

you don't hear a lot about the Romanian

366

00:17:27,130 --> 00:17:23,360

skeptics but they're there mmm and I

367

00:17:30,460 --> 00:17:27,140

think through this podcast these some of

368

00:17:32,440 --> 00:17:30,470

them rather small groups are getting to

369

00:17:34,630 --> 00:17:32,450

know of each other and they can contact

370

00:17:37,150 --> 00:17:34,640

each other because we are all fighting

371

00:17:39,490 --> 00:17:37,160

the same fight really especially since a

372

00:17:42,520 --> 00:17:39,500

lot of the legislation is the same or

373

00:17:45,520 --> 00:17:42,530

similar in you folks if you're not too

374

00:17:47,830 --> 00:17:45,530

sure the podcast is in English but

375

00:17:51,340 --> 00:17:47,840

that's really a practical solution isn't

376

00:17:55,090 --> 00:17:51,350

it yes yes it is it is because we wanted

377

00:17:57,250 --> 00:17:55,100

well English is the most spoken language

378

00:17:59,620 --> 00:17:57,260

other easiest language to reach out in

379

00:18:02,080 --> 00:17:59,630

and anyway it was the language we knew

380

00:18:05,110 --> 00:18:02,090

best as well apart from our local

381

00:18:07,150 --> 00:18:05,120

language and and it has an appeal

382

00:18:09,100 --> 00:18:07,160

because if you look if we look at our

383

00:18:11,200 --> 00:18:09,110

listener numbers actually we have a lot

384

00:18:11,720 --> 00:18:11,210

of listeners in in the US you know

385

00:18:15,560 --> 00:18:11,730

straight

386

00:18:17,419 --> 00:18:15,570

in other countries as well and we do

387

00:18:19,789 --> 00:18:17,429

also interview people from time to time

388

00:18:21,919 --> 00:18:19,799

prominent skeptics that are not from

389

00:18:23,990 --> 00:18:21,929

Europe such as yourself Richard you mean

390

00:18:26,659 --> 00:18:24,000

on new time my her views we've had James

391

00:18:29,930 --> 00:18:26,669

Rahon we've had James Randi and we've

392

00:18:33,200 --> 00:18:29,940

had J novella several times once even as

393

00:18:34,909 --> 00:18:33,210

a co-host so so I think it's not just

394

00:18:36,860 --> 00:18:34,919

for European listeners if if you're

395

00:18:41,750 --> 00:18:36,870

interested in these topics I think you

396

00:18:45,259 --> 00:18:41,760

can enjoy this if from Argentina or

397

00:18:47,810 --> 00:18:45,269

Korea or wherever mmm well all podcasts

398

00:18:49,220 --> 00:18:47,820

of course a worldwide which is important

399

00:18:50,840 --> 00:18:49,230

to remember I try to keep that in the

400

00:18:52,850 --> 00:18:50,850

back of my mind - I've got listeners

401
00:18:55,850 --> 00:18:52,860
from all around the world and I'm very

402
00:18:58,820 --> 00:18:55,860
pleased to say quite a lot of listeners

403
00:19:00,950 --> 00:18:58,830
in Sweden and Norway and I'm not sure

404
00:19:03,590 --> 00:19:00,960
about Finland I'm not sure about that

405
00:19:05,060 --> 00:19:03,600
but Sweden and Norway seem to like the

406
00:19:09,350 --> 00:19:05,070
skeptical zone so I'm very pleased about

407
00:19:12,320 --> 00:19:09,360
that yeah yeah all the skeptics I would

408
00:19:14,779 --> 00:19:12,330
say that I talked to in Sweden Oh most

409
00:19:17,240 --> 00:19:14,789
of them they are very well aware of what

410
00:19:18,950 --> 00:19:17,250
you're doing Richard so yes now of

411
00:19:21,769 --> 00:19:18,960
course here in Australia coming up in

412
00:19:23,149 --> 00:19:21,779
December we've got skeptical on 2019 we've

413
00:19:25,279 --> 00:19:23,159

got the skeptics guide to the universe

414

00:19:27,409 --> 00:19:25,289

and susan gerbic who we mentioned before

415

00:19:30,500 --> 00:19:27,419

i know there's big conventions coming up

416

00:19:34,039 --> 00:19:30,510

in Las Vegas with saikhan over there I'm

417

00:19:36,259 --> 00:19:34,049

going to Dragon Con meetings getting to

418

00:19:38,570 --> 00:19:36,269

know other skeptics hearing talks are

419

00:19:41,330 --> 00:19:38,580

very important and I hear there's one

420

00:19:42,110 --> 00:19:41,340

coming up in your part of the world yes

421

00:19:45,019 --> 00:19:42,120

absolutely

422

00:19:47,389 --> 00:19:45,029

in just a couple of weeks we are meeting

423

00:19:50,360 --> 00:19:47,399

all the European skeptics are meeting in

424

00:19:53,210 --> 00:19:50,370

Ghent in Belgium for the European

425

00:19:55,759 --> 00:19:53,220

skeptics Congress which is a it's every

426

00:19:59,180 --> 00:19:55,769

second year and it's in different places

427

00:20:02,629 --> 00:19:59,190

every time and this time it is the the

428

00:20:04,370 --> 00:20:02,639

Belgian and Dutch skeptics together to

429

00:20:07,279 --> 00:20:04,380

organize this and it's going to be a

430

00:20:11,659 --> 00:20:07,289

full weekend or more than a weekend

431

00:20:14,539 --> 00:20:11,669

really and with fantastic speakers and

432

00:20:16,370 --> 00:20:14,549

and and very interesting topics that

433

00:20:18,740 --> 00:20:16,380

would be exciting I would love to visit

434

00:20:21,740 --> 00:20:18,750

that maybe whoa let me see now maybe in

435

00:20:24,080 --> 00:20:21,750

2021 I can I can work something out what

436

00:20:25,520 --> 00:20:24,090

is it what's the date of that that it

437

00:20:28,790 --> 00:20:25,530

starts on the 28th

438

00:20:31,370 --> 00:20:28,800

of August and finishes on the 1st of

439

00:20:35,300 --> 00:20:31,380

September so it's just that the month

440

00:20:37,250 --> 00:20:35,310

end here coming up and there I mean week

441

00:20:39,680 --> 00:20:37,260

we can say that there with there will be

442

00:20:42,170 --> 00:20:39,690

talks about of course quackery there

443

00:20:44,660 --> 00:20:42,180

will be a 30 year retrospective about

444

00:20:47,900 --> 00:20:44,670

the European skepticism mm-hmm looking

445

00:20:52,280 --> 00:20:47,910

forward to look at to hear about there

446

00:20:54,770 --> 00:20:52,290

will be animalistic psychology with our

447

00:20:57,640 --> 00:20:54,780

friend Christopher French from from the

448

00:21:00,140 --> 00:20:57,650

UK very interesting about near-death

449

00:21:03,350 --> 00:21:00,150

experiences and things like that and

450

00:21:06,250 --> 00:21:03,360

then there will be a section about green

451
00:21:10,130 --> 00:21:06,260
scepticism so that's this bit about

452
00:21:12,890 --> 00:21:10,140
climate change and GMOs and things like

453
00:21:15,080 --> 00:21:12,900
that wow you're wetting my appetite I I

454
00:21:18,140 --> 00:21:15,090
mean I can't be in two places at once

455
00:21:19,790 --> 00:21:18,150
but that sounds like we'll be yeah that

456
00:21:22,780 --> 00:21:19,800
sounds like it'll be a terrific a

457
00:21:26,150 --> 00:21:22,790
terrific meeting folks I will add the

458
00:21:28,670 --> 00:21:26,160
URL in this week's show notes but for

459
00:21:35,600 --> 00:21:28,680
now upon this what is the website for

460
00:21:39,320 --> 00:21:35,610
that it is ESC 2019 with numbers dot B e

461
00:21:40,880 --> 00:21:39,330
for Belgium uh-huh that's that's the

462
00:21:42,980 --> 00:21:40,890
website to go to folks but of course

463
00:21:45,680 --> 00:21:42,990

there'll be a link in this week's show

464

00:21:47,540 --> 00:21:45,690

notes now part is just getting back to

465

00:21:51,260 --> 00:21:47,550

the ESB because you know I'm a podcaster

466

00:21:55,010 --> 00:21:51,270

at HUD I love doing a weekly show how

467

00:21:57,080 --> 00:21:55,020

how do have you found it to be involved

468

00:21:58,670 --> 00:21:57,090

in a regular podcast is it something

469

00:22:00,800 --> 00:21:58,680

that you still like doing is it

470

00:22:03,770 --> 00:22:00,810

difficult to line up interviews do you

471

00:22:04,250 --> 00:22:03,780

have technical problems yes and yes and

472

00:22:08,720 --> 00:22:04,260

yes

473

00:22:11,270 --> 00:22:08,730

I love it I think it's it's my favorite

474

00:22:14,750 --> 00:22:11,280

pastime now these days and but it is

475

00:22:16,670 --> 00:22:14,760

hard to I think we've managed most of

476

00:22:18,860 --> 00:22:16,680

the technical things now I mean we've

477

00:22:21,770 --> 00:22:18,870

done this for almost four years so shame

478

00:22:24,110 --> 00:22:21,780

on arson figured it out by now but the

479

00:22:27,350 --> 00:22:24,120

problem I think the biggest problem is

480

00:22:30,230 --> 00:22:27,360

to find time where we where we can

481

00:22:34,220 --> 00:22:30,240

record because we're on different time

482

00:22:35,930 --> 00:22:34,230

zones no and and rush has a he's working

483

00:22:39,320 --> 00:22:35,940

as a tour guide so it's constantly

484

00:22:43,359 --> 00:22:39,330

traveling so we are doing the recordings

485

00:22:46,729 --> 00:22:43,369

most crazy hours of the of the day but

486

00:22:49,369 --> 00:22:46,739

we do it because we love it and it's

487

00:22:52,190 --> 00:22:49,379

really really fun to do and of course

488

00:22:54,950 --> 00:22:52,200

once when we got together the three of

489

00:22:58,060 --> 00:22:54,960

us we hardly knew each other I mean we

490

00:23:01,279 --> 00:22:58,070

met a couple of times but now of course

491

00:23:03,979 --> 00:23:01,289

I'm Brazilian are my best friends that I

492

00:23:04,820 --> 00:23:03,989

talk to every week so it's very good

493

00:23:06,759 --> 00:23:04,830

very good

494

00:23:11,599 --> 00:23:06,769

and and I should say we also have other

495

00:23:14,359 --> 00:23:11,609

we had Claire Klingenberg who is yes she

496

00:23:16,159 --> 00:23:14,369

had she is also the head of the European

497

00:23:17,149 --> 00:23:16,169

Council of sceptical organizations

498

00:23:20,210 --> 00:23:17,159

mm-hmm

499

00:23:22,669 --> 00:23:20,220

behind the European skeptics Congress as

500

00:23:24,859 --> 00:23:22,679

she's been sitting in as co-hosts to

501
00:23:30,049 --> 00:23:24,869
come number of times and also Brian ergo

502
00:23:32,769 --> 00:23:30,059
from from Glasgow yes he is also joy to

503
00:23:35,509 --> 00:23:32,779
have on the podcast well I mean yeah and

504
00:23:37,820 --> 00:23:35,519
you're finding out what I have found out

505
00:23:39,879 --> 00:23:37,830
over the last 10 years nearly 11 years

506
00:23:43,399 --> 00:23:39,889
of the sceptic zone is you meet the most

507
00:23:45,919 --> 00:23:43,409
amazing people and and but part of that

508
00:23:47,239 --> 00:23:45,929
for me is sometimes waking up my alarm

509
00:23:49,369 --> 00:23:47,249
goes off at 3 o'clock in the morning

510
00:23:51,529 --> 00:23:49,379
because I've got an interview lined up

511
00:23:54,799 --> 00:23:51,539
with someone in some strange part of the

512
00:23:56,359 --> 00:23:54,809
world I have to accommodate them of

513
00:23:58,009 --> 00:23:56,369

course but that's all part of the fun

514

00:24:00,560 --> 00:23:58,019

and then there's brain glowing

515

00:24:02,899 --> 00:24:00,570

microphones and what hookup can we use

516

00:24:05,359 --> 00:24:02,909

and can I call you and all this sort of

517

00:24:08,090 --> 00:24:05,369

thing it's a it's a fascinating part of

518

00:24:10,039 --> 00:24:08,100

this bizarre this bizarre lifestyle

519

00:24:11,659 --> 00:24:10,049

we've chosen I guess any podcaster would

520

00:24:13,789 --> 00:24:11,669

go through that but I think we're

521

00:24:15,560 --> 00:24:13,799

particularly lucky we're particularly

522

00:24:17,659 --> 00:24:15,570

lucky because we get to combine our love

523

00:24:20,869 --> 00:24:17,669

of science and skepticism with our love

524

00:24:23,210 --> 00:24:20,879

of podcasting yes yes absolutely

525

00:24:25,039 --> 00:24:23,220

well Ponder's what a what a pleasure it

526

00:24:28,399 --> 00:24:25,049

has been to catch up with you once again

527

00:24:30,200 --> 00:24:28,409

folks again links to the ESP links to

528

00:24:32,720 --> 00:24:30,210

the upcoming meeting in Ghent in Belgium

529

00:24:34,639 --> 00:24:32,730

in this week's show notes and who knows

530

00:24:36,830 --> 00:24:34,649

pontus one day we could might be able to

531

00:24:38,570 --> 00:24:36,840

do a joint podcast where we can all be

532

00:24:40,849 --> 00:24:38,580

in the same room with Jay novella and

533

00:24:44,450 --> 00:24:40,859

everybody in you and me and the whole of

534

00:24:47,029 --> 00:24:44,460

ESP and everybody we can think of that

535

00:24:49,280 --> 00:24:47,039

would be a lot of fun that sounds great

536

00:24:52,159 --> 00:24:49,290

I thought must happen something

537

00:24:54,590 --> 00:24:52,169

that must happen sometime but for now

538

00:24:56,860 --> 00:24:54,600

all the way from malmö in southern

539

00:25:00,310 --> 00:24:56,870

Sweden fountas thank you very much

540

00:25:15,260 --> 00:25:00,320

thanks a lot Richards thank you

541

00:25:20,669 --> 00:25:18,779

hey Sam have you ever wondered what

542

00:25:22,649 --> 00:25:20,679

skeptics are up to in countries where

543

00:25:24,720 --> 00:25:22,659

English is not necessarily the first

544

00:25:26,430 --> 00:25:24,730

language or are you interested to learn

545

00:25:28,860 --> 00:25:26,440

about some fascinating and sometimes

546

00:25:31,230 --> 00:25:28,870

very bizarre Europe related facts events

547

00:25:32,610 --> 00:25:31,240

or people from history of skepticism or

548

00:25:35,220 --> 00:25:32,620

do you just want to know who's been

549

00:25:37,950 --> 00:25:35,230

really wrong lately you can find out all

550

00:25:41,460 --> 00:25:37,960

about that and more on the award-winning

551
00:25:44,100 --> 00:25:41,470
show the ESP the European sceptics

552
00:25:47,580 --> 00:25:44,110
podcast so where can people find the

553
00:25:49,500 --> 00:25:47,590
show you can find it online at the ESP

554
00:25:52,350 --> 00:25:49,510
dot EU but you can also follow us on

555
00:25:55,200 --> 00:25:52,360
Twitter at es podcast and d'ascoyne you

556
00:25:57,149 --> 00:25:55,210
or like us on Facebook oh and you can

557
00:26:00,419 --> 00:25:57,159
contacts the show by sending an email to

558
00:26:02,549 --> 00:26:00,429
info at the ESP dot EU if you want to

559
00:26:05,159 --> 00:26:02,559
subscribe do a quick search for the

560
00:26:07,710 --> 00:26:05,169
European skeptics podcast on SoundCloud

561
00:26:10,529 --> 00:26:07,720
iTunes stitcher or whatever you get to

562
00:26:15,580 --> 00:26:10,539
your podcast the European skeptics

563
00:26:20,529 --> 00:26:15,590

podcast the real ESP experience

564

00:26:20,539 --> 00:26:27,450

I don't know why you can't believe

565

00:26:27,460 --> 00:26:52,380

[Music]

566

00:26:58,650 --> 00:26:54,780

it's super-science Saturday hit the

567

00:27:00,660 --> 00:26:58,660

Australian Museum the museum is going to

568

00:27:01,370 --> 00:27:00,670

be shutting later this month for a whole

569

00:27:04,200 --> 00:27:01,380

year

570

00:27:07,560 --> 00:27:04,210

for a massive renovation and

571

00:27:09,330 --> 00:27:07,570

refurbishment so it's great to see one

572

00:27:13,820 --> 00:27:09,340

of the holes here completely taken over

573

00:27:19,710 --> 00:27:17,640

organizations and hundreds of people

574

00:27:22,080 --> 00:27:19,720

mostly children here as well really good

575

00:27:24,360 --> 00:27:22,090

to see I'll be performing the mystery

576

00:27:26,220 --> 00:27:24,370

investigators show a little bit later on

577

00:27:28,640 --> 00:27:26,230

in the afternoon two performances this

578

00:27:30,990 --> 00:27:28,650

afternoon with my good friend Ian Bryce

579

00:27:33,930 --> 00:27:31,000

who is one of the original members of

580

00:27:38,789 --> 00:27:33,940

the show way back in all 2003 I think it

581

00:27:42,930 --> 00:27:38,799

was but this Hall is filled with very

582

00:27:45,239 --> 00:27:42,940

interesting and interactive things to do

583

00:27:47,779 --> 00:27:45,249

and I just had a virtual reality tour

584

00:27:50,339 --> 00:27:47,789

inside the ANSTO facility which is

585

00:27:55,229 --> 00:27:50,349

Australia's only nuclear reactor

586

00:27:56,729 --> 00:27:55,239

I think they mostly make things for

587

00:27:58,619 --> 00:27:56,739

medical purposes there but was

588

00:28:01,379 --> 00:27:58,629

fascinating great use of the technology

589

00:28:04,799 --> 00:28:01,389

and virtual reality is certainly

590

00:28:06,330 --> 00:28:04,809

improving bit by bit every year I really

591

00:28:09,239 --> 00:28:06,340

felt I was in some of the rooms there

592

00:28:12,869 --> 00:28:09,249

that was quite something we have another

593

00:28:16,849 --> 00:28:12,879

display over here a superconductor with

594

00:28:19,049 --> 00:28:16,859

a little supercooled magnet on a track

595

00:28:21,690 --> 00:28:19,059

going upside down and round and round

596

00:28:23,910 --> 00:28:21,700

good to see it in person have only seen

597

00:28:26,550 --> 00:28:23,920

it on the TV

598

00:28:28,800 --> 00:28:26,560

Macquarie University are here they've

599

00:28:31,230 --> 00:28:28,810

got a big group here studying frogs and

600

00:28:34,830 --> 00:28:31,240

tadpoles which the kids just love you

601
00:28:40,919 --> 00:28:37,259
the University of Wollongong with their

602
00:28:43,110 --> 00:28:40,929
science space and kids are crowding

603
00:28:44,519 --> 00:28:43,120
around there's a couple of presenters

604
00:28:47,690 --> 00:28:44,529
there with balloons and liquid nitrogen

605
00:28:51,090 --> 00:28:47,700
and all sorts of those

606
00:28:55,720 --> 00:28:51,100
it certainly is loud in here

607
00:29:00,820 --> 00:28:58,149
New South Wales national parks and

608
00:29:03,389 --> 00:29:00,830
wildlife service's the Museum of applied

609
00:29:08,900 --> 00:29:03,399
arts and sciences have a display

610
00:29:14,130 --> 00:29:10,670
sometimes I think I'm gonna be

611
00:29:19,470 --> 00:29:17,460
and of course part of the Museum of

612
00:29:21,900 --> 00:29:19,480
applied Arts and Sciences is Sydney

613
00:29:24,060 --> 00:29:21,910

observatory

614

00:29:26,070 --> 00:29:24,070

which is a wonderful place to visit if

615

00:29:28,290 --> 00:29:26,080

you ever come to Sydney

616

00:29:30,510 --> 00:29:28,300

the Australian Museum themselves of

617

00:29:32,480 --> 00:29:30,520

course have a number of tables here

618

00:29:34,460 --> 00:29:32,490

displaying all sorts of things

619

00:29:38,359 --> 00:29:34,470

[Music]

620

00:29:42,469 --> 00:29:39,769

it's quite hard to get my way through

621

00:29:48,289 --> 00:29:42,479

here there's so many people here and as

622

00:29:49,580 --> 00:29:48,299

I said mostly kids it's Ian Bryce from

623

00:29:51,109 --> 00:29:49,590

the Australian skeptics of the mr.

624

00:29:53,299 --> 00:29:51,119

investigators Ian it's so great to see

625

00:29:55,969 --> 00:29:53,309

so many kids here yes it is indeed

626
00:29:57,440 --> 00:29:55,979
that's the next generation but we must

627
00:30:01,219 --> 00:29:57,450
admit to a bit of surprise and

628
00:30:04,909 --> 00:30:01,229
disappointment from the UTS here science

629
00:30:06,019 --> 00:30:04,919
dot UTS dot edu a you we're walking

630
00:30:07,820 --> 00:30:06,029
along looking at everything and what

631
00:30:09,830 --> 00:30:07,830
comes up on the screen we see

632
00:30:13,879 --> 00:30:09,840
acupuncture and not only that but

633
00:30:16,690 --> 00:30:13,889
cupping cupping here in a science

634
00:30:22,009 --> 00:30:16,700
afternoon with children everywhere and

635
00:30:24,859 --> 00:30:22,019
the UTS promoting what they do and

636
00:30:26,180 --> 00:30:24,869
cupping comes up yes the brochure says

637
00:30:27,889 --> 00:30:26,190
it's part of their Bachelor of Health

638
00:30:30,589 --> 00:30:27,899

Science and perdition or Chinese

639

00:30:32,119 --> 00:30:30,599

medicine which lists acupuncture it

640

00:30:33,409 --> 00:30:32,129

doesn't put cupping on that page but

641

00:30:36,289 --> 00:30:33,419

apparently cupping is one of the

642

00:30:39,549 --> 00:30:36,299

modalities you learn so there's so much

643

00:30:41,899 --> 00:30:39,559

for science and evidence-based practices

644

00:30:44,450 --> 00:30:41,909

you know what this might be worth have

645

00:30:47,749 --> 00:30:44,460

been spoon domination indeed yes let's

646

00:30:49,279 --> 00:30:47,759

look into them and of course the UTS

647

00:30:52,700 --> 00:30:49,289

stands for the University of Technology

648

00:30:54,139 --> 00:30:52,710

in Sydney and it's not not too far from

649

00:30:58,070 --> 00:30:54,149

here really it's down the road and

650

00:31:03,720 --> 00:31:01,410

mmm Ian we just completed one show we're

651
00:31:05,880 --> 00:31:03,730
both eating a minty it's very bad form

652
00:31:07,830 --> 00:31:05,890
to eat something while you're talking on

653
00:31:10,200 --> 00:31:07,840
a microphone but that's right well let's

654
00:31:12,420 --> 00:31:10,210
do it anyway do it anyway look at this

655
00:31:14,940 --> 00:31:12,430
the crowds just pouring in mums and dads

656
00:31:17,580 --> 00:31:14,950
and kids ready for the next machine

657
00:31:20,340 --> 00:31:17,590
Investigator shop it's like a second

658
00:31:22,470 --> 00:31:20,350
sellout show so that's great what a lot

659
00:31:27,960 --> 00:31:22,480
of fun okay new house we better get to

660
00:31:29,970 --> 00:31:27,970
it now this year we performed in front

661
00:31:30,960 --> 00:31:29,980
of a mixed audience mums and dads and

662
00:31:32,640 --> 00:31:30,970
kids of all ages

663
00:31:35,190 --> 00:31:32,650

normally the mystery investigators

664

00:31:36,960 --> 00:31:35,200

performs for selected school groups

665

00:31:39,390 --> 00:31:36,970

primary school or high school or

666

00:31:41,550 --> 00:31:39,400

something like that so it was a nice

667

00:31:44,820 --> 00:31:41,560

change it was a treat to perform before

668

00:31:47,130 --> 00:31:44,830

all age groups and after the show we had

669

00:31:50,010 --> 00:31:47,140

a lot of people come down a lot of kids

670

00:31:53,670 --> 00:31:50,020

for photographs and thanking us which is

671

00:31:56,310 --> 00:31:53,680

so nice and a lot of parents coming down

672

00:31:58,410 --> 00:31:56,320

saying how much they enjoyed the show

673

00:32:00,390 --> 00:31:58,420

which means I think the mix is probably

674

00:32:02,250 --> 00:32:00,400

pretty good it's got a lot of very

675

00:32:06,000 --> 00:32:02,260

interesting things like examples of

676

00:32:08,880 --> 00:32:06,010

pareidolia it ends with pictures from

677

00:32:11,760 --> 00:32:08,890

Mars which a lot of the parents really

678

00:32:13,770 --> 00:32:11,770

seem to like and the water divining the

679

00:32:17,510 --> 00:32:13,780

water dousing tests in the middle of the

680

00:32:20,010 --> 00:32:17,520

show always keep the audience spellbound

681

00:32:22,710 --> 00:32:20,020

although I must say a strange thing

682

00:32:25,010 --> 00:32:22,720

happened in show 1 where we were

683

00:32:27,780 --> 00:32:25,020

demonstrating the bed of nails and

684

00:32:30,090 --> 00:32:27,790

before I lie down on the bed of nails I

685

00:32:31,770 --> 00:32:30,100

show everybody that the nails are real

686

00:32:33,570 --> 00:32:31,780

we have a member of the audience come

687

00:32:36,660 --> 00:32:33,580

down and test the nails by touching them

688

00:32:38,250 --> 00:32:36,670

and making sure they're real then I sort

689

00:32:41,160 --> 00:32:38,260

of dropped the bed of nails down on the

690

00:32:43,220 --> 00:32:41,170

ground so it makes a big thud so people

691

00:32:45,600 --> 00:32:43,230

can tell it's a heavy bed of nails

692

00:32:47,430 --> 00:32:45,610

unfortunately one of the locks we used

693

00:32:49,800 --> 00:32:47,440

to lock up the bed of nails got stuck

694

00:32:53,280 --> 00:32:49,810

underneath when I dropped it and it's

695

00:32:56,100 --> 00:32:53,290

smashed to smithereens when I looked

696

00:32:59,760 --> 00:32:56,110

down I could see the remnants of a lock

697

00:33:02,010 --> 00:32:59,770

a little combination lock absolutely

698

00:33:05,310 --> 00:33:02,020

smashed all the bits spread everywhere

699

00:33:07,260 --> 00:33:05,320

yes there are dangers to performing

700

00:33:09,890 --> 00:33:07,270

especially to poor little combination

701
00:33:12,420 --> 00:33:09,900
locks good thing we have insurance

702
00:33:15,670 --> 00:33:12,430
[Music]

703
00:33:19,000 --> 00:33:15,680
it's all hovering I can I can hardly

704
00:33:20,830 --> 00:33:19,010
talk even though I was miked it was so

705
00:33:22,600 --> 00:33:20,840
exciting and the kids and the adults and

706
00:33:24,730 --> 00:33:22,610
everybody loved it so much it was a

707
00:33:26,200 --> 00:33:24,740
really good show to two shows yes I

708
00:33:28,330 --> 00:33:26,210
think it was great I noticed we had a

709
00:33:31,060 --> 00:33:28,340
slightly younger audience than other

710
00:33:34,240 --> 00:33:31,070
years yeah well a lot of parents with

711
00:33:36,280 --> 00:33:34,250
younger kids but all that all the people

712
00:33:38,920 --> 00:33:36,290
coming up after the show to thank us was

713
00:33:40,630 --> 00:33:38,930

just so um really it's really gratifying

714

00:33:43,960 --> 00:33:40,640

and they all wanted to try their own

715

00:33:45,970 --> 00:33:43,970

divining after the show which was even

716

00:33:49,990 --> 00:33:45,980

more fun we had an interesting case

717

00:33:51,520 --> 00:33:50,000

where in the first show people divined

718

00:33:53,020 --> 00:33:51,530

correctly when they could see the bottle

719

00:33:54,910 --> 00:33:53,030

then suddenly all the divining powers

720

00:33:57,400 --> 00:33:54,920

disappeared in the next stage which was

721

00:33:58,870 --> 00:33:57,410

a bit awkward and then a young lady in

722

00:34:00,610 --> 00:33:58,880

the second show found the water which

723

00:34:03,370 --> 00:34:00,620

was fun yes even though it was

724

00:34:05,080 --> 00:34:03,380

double-blind them and randomized yeah I

725

00:34:07,780 --> 00:34:05,090

just crossing the street now here in the

726
00:34:09,669 --> 00:34:07,790
museum so it's quite exhausting being on

727
00:34:12,220 --> 00:34:09,679
the ball for two performances in a row

728
00:34:13,990 --> 00:34:12,230
but it's a wonderful fun the Miss

729
00:34:18,909 --> 00:34:14,000
investigators have now been performing

730
00:34:20,830 --> 00:34:18,919
the sixteen years which is a bit

731
00:34:22,840 --> 00:34:20,840
frightening when I think about it and

732
00:34:25,659 --> 00:34:22,850
certainly a long time and a lot of shows

733
00:34:28,180 --> 00:34:25,669
and but and main art helps a new help

734
00:34:30,220 --> 00:34:28,190
and I've had both of you like stand on

735
00:34:32,050 --> 00:34:30,230
my back while I'm lying on the bed of

736
00:34:33,790 --> 00:34:32,060
nails many times and somehow I survived

737
00:34:36,930 --> 00:34:33,800
but I don't think we've stood on it

738
00:34:39,500 --> 00:34:36,940

simultaneously mine may not and myself

739

00:34:44,090 --> 00:34:39,510

but one's enough when Xena

740

00:34:45,710 --> 00:34:44,100

one's enough and yeah so science

741

00:34:49,730 --> 00:34:45,720

Saturday and the museum was been a great

742

00:34:54,129 --> 00:34:49,740

hit for everybody apart from the cupping

743

00:34:57,380 --> 00:34:54,139

which is a bit of a worry UTS science

744

00:35:00,050 --> 00:34:57,390

department has a video promoting their

745

00:35:03,710 --> 00:35:00,060

the skills they teach which includes

746

00:35:05,330 --> 00:35:03,720

acupuncture and cupping now I have to

747

00:35:06,620 --> 00:35:05,340

look into that I was hoping that the

748

00:35:08,840 --> 00:35:06,630

cupping was a demonstration of

749

00:35:11,030 --> 00:35:08,850

thermodynamics where you you heat up the

750

00:35:13,340 --> 00:35:11,040

gas you seal it off you cool the gas and

751

00:35:14,330 --> 00:35:13,350

then it sucks it contracts there was

752

00:35:16,160 --> 00:35:14,340

nothing to do with that it was

753

00:35:18,290 --> 00:35:16,170

traditional Chinese medicine so that was

754

00:35:19,820 --> 00:35:18,300

a bit disappointing well what I found

755

00:35:21,320 --> 00:35:19,830

disappointing was that cupping was on

756

00:35:23,270 --> 00:35:21,330

display on their promotional video and

757

00:35:25,760 --> 00:35:23,280

there were hundreds of kids walking past

758

00:35:28,099 --> 00:35:25,770

yes indeed not a good look

759

00:35:30,400 --> 00:35:28,109

UTS not a good look alongside real

760

00:35:33,260 --> 00:35:30,410

science like Phil had a filter water

761

00:35:34,940 --> 00:35:33,270

that's a purified seawater and so forth

762

00:35:36,980 --> 00:35:34,950

real sorry lots of real science there

763

00:35:39,290 --> 00:35:36,990

get inside a cube alongside acupuncture

764

00:35:42,080 --> 00:35:39,300

and capping yeah we might be having a

765

00:35:44,480 --> 00:35:42,090

word to them about that but I mean on

766

00:35:45,980 --> 00:35:44,490

the positive side it was great fun to do

767

00:35:48,740 --> 00:35:45,990

such good shows alone and I must admit

768

00:35:51,260 --> 00:35:48,750

to um I wouldn't say plagiarizing Carl

769

00:35:52,609 --> 00:35:51,270

Sagan but inspired towards the end of

770

00:35:55,310 --> 00:35:52,619

the our show we have a picture of the

771

00:35:58,010 --> 00:35:55,320

Earth from Mars and I talked about the

772

00:36:00,260 --> 00:35:58,020

pale blue dot yes that's right it's

773

00:36:02,270 --> 00:36:00,270

quite revealing to think that all of the

774

00:36:05,090 --> 00:36:02,280

kids there and their parents and all of

775

00:36:06,830 --> 00:36:05,100

the history of mankind took place not in

776

00:36:10,010 --> 00:36:06,840

the universe at large but in one tiny

777

00:36:12,470 --> 00:36:10,020

little pale blue dot yeah yeah but that

778

00:36:13,760 --> 00:36:12,480

impressed the kids I think it did with a

779

00:36:15,650 --> 00:36:13,770

lot of oohs and ahhs which was really

780

00:36:19,070 --> 00:36:15,660

nice I think then carries them to take

781

00:36:22,490 --> 00:36:19,080

better care of our pale blue dot than

782

00:36:24,080 --> 00:36:22,500

their parents hopefully so well I have

783

00:36:27,800 --> 00:36:24,090

to take care of my voice it's just about

784

00:36:29,390 --> 00:36:27,810

shot now I think he and we might we're

785

00:36:31,490 --> 00:36:29,400

heading downtown City at the moment

786

00:36:35,390 --> 00:36:31,500

maybe to find a nice watering hole or

787

00:36:52,500 --> 00:36:35,400

something and then look forward to 2020

788

00:36:56,130 --> 00:36:52,510

[Music]

789

00:37:02,920 --> 00:36:56,140

the Surf Coast summer spring skeptic app

790

00:37:05,980 --> 00:37:02,930

14th of September this Surf Coast summer

791

00:37:08,260 --> 00:37:05,990

spring skeptic camp s cssc is

792

00:37:10,510 --> 00:37:08,270

Australia's longest-running skeptic camp

793

00:37:15,610 --> 00:37:10,520

this year we are celebrating our seventh

794

00:37:18,070 --> 00:37:15,620

year if you want to share something on a

795

00:37:20,170 --> 00:37:18,080

skeptically related topic in which you

796

00:37:22,750 --> 00:37:20,180

are interested highlight some practices

797

00:37:24,130 --> 00:37:22,760

that you see is dubious and need to be

798

00:37:26,890 --> 00:37:24,140

brought to the attention of the

799

00:37:29,350 --> 00:37:26,900

skeptical community please offer to

800

00:37:32,350 --> 00:37:29,360

share your thoughts this is a sharing

801

00:37:34,540 --> 00:37:32,360

event where many contributors combine to

802

00:37:37,270 --> 00:37:34,550

make a great day the event is free

803

00:37:39,250 --> 00:37:37,280

however please provide your own lunch

804

00:37:40,150 --> 00:37:39,260

but don't worry there are plenty of

805

00:37:43,210 --> 00:37:40,160

options

806

00:37:46,030 --> 00:37:43,220

locally tea coffee and biscuits will be

807

00:37:49,750 --> 00:37:46,040

provided all day that's Saturday the

808

00:37:51,510 --> 00:37:49,760

14th of September 2019 10:30 a.m. to

809

00:37:54,700 --> 00:37:51,520

4:00 p.m.

810

00:37:58,360 --> 00:37:54,710

the location is Aries in that community

811

00:38:01,420 --> 00:37:58,370

hall 6 Great Ocean Road aireys inlet

812

00:38:04,030 --> 00:38:01,430

Victoria office to present should be

813

00:38:10,540 --> 00:38:04,040

made to the skeptic groups of Victoria

814

00:38:14,500 --> 00:38:10,550

email address at SG o f v IC @ gmail.com

815

00:38:18,019 --> 00:38:14,510

and to register just follow the links in

816

00:38:23,849 --> 00:38:21,390

the Surf Coast summer/spring Skippy camp

817

00:38:40,559 --> 00:38:23,859

Australia's longest-running skeptic

818

00:38:42,749 --> 00:38:40,569

Hammond once again we turn to the pages

819

00:38:44,700 --> 00:38:42,759

of the skeptic the journal from

820

00:38:49,650 --> 00:38:44,710

Australian skeptics this time we go back

821

00:38:55,829 --> 00:38:49,660

to 1996 volume 16 number one and on page

822

00:39:04,920 --> 00:38:55,839

32 vinegar can be used for what by Glen

823

00:39:08,220 --> 00:39:04,930

Cod will want to get rich quick join the

824

00:39:11,730 --> 00:39:08,230

nutrition quackery promoters of fad

825

00:39:14,849 --> 00:39:11,740

mobilizers amino acid tablets cellulite

826

00:39:18,329 --> 00:39:14,859

treatments food combining digestive

827

00:39:21,989 --> 00:39:18,339

enzyme tablets fantasy books for example

828

00:39:24,509 --> 00:39:21,999

fit for life weight loss fraud protein

829

00:39:27,660 --> 00:39:24,519

powders fake vitamins magic nutrients

830

00:39:30,749 --> 00:39:27,670

finding non-existent allergies vitamin

831

00:39:34,589 --> 00:39:30,759

b12 injections can't securing diets and

832

00:39:37,849 --> 00:39:34,599

the list goes on better still create

833

00:39:41,870 --> 00:39:37,859

some new quackery success is measured by

834

00:39:44,069 --> 00:39:41,880

financial income not health outcome a

835

00:39:46,859 --> 00:39:44,079

personal favourite is the recent

836

00:39:51,239 --> 00:39:46,869

advertisement campaign for a book on the

837

00:39:52,739 --> 00:39:51,249

new superfood vinegar the advertisement

838

00:39:55,079 --> 00:39:52,749

makes the following statements

839

00:39:57,829 --> 00:39:55,089

scientific studies praised the curative

840

00:40:00,450 --> 00:39:57,839

and preventative powers of vinegar

841

00:40:02,930 --> 00:40:00,460

scientific tests show it's a natural

842

00:40:05,999 --> 00:40:02,940

storehouse of vitamins and minerals over

843

00:40:09,450 --> 00:40:06,009

93 different components to fight what

844

00:40:11,759 --> 00:40:09,460

ails you and to help extend life you'll

845

00:40:15,329 --> 00:40:11,769

learn how to melt away pounds with a

846

00:40:17,700 --> 00:40:15,339

mealtime vinegar cocktail just one

847

00:40:20,549 --> 00:40:17,710

spoonful of apple cider vinegar is

848

00:40:23,609 --> 00:40:20,559

endowed with vitamins minerals enzymes

849

00:40:26,789 --> 00:40:23,619

amino acids and important pectin and

850

00:40:29,759 --> 00:40:26,799

beta keratin whoops that last ones a

851

00:40:30,960 --> 00:40:29,769

challah vinegar is a lousy source of

852

00:40:34,319 --> 00:40:30,970

essential nutrient

853

00:40:37,589 --> 00:40:34,329

in fact the national value of Australian

854

00:40:39,450 --> 00:40:37,599

foods the US Department of Agriculture

855

00:40:42,720 --> 00:40:39,460

and the British food tables

856

00:40:45,540 --> 00:40:42,730

McCann's and Widdowson all lists vinegar

857

00:40:49,109 --> 00:40:45,550

as having no fiber therefore no pectin

858

00:40:52,920 --> 00:40:49,119

no vitamins therefore no beta keratin

859

00:40:56,520 --> 00:40:52,930

and only a mere trace of calcium or iron

860

00:40:59,940 --> 00:40:56,530

and the same amount of protein and amino

861

00:41:04,500 --> 00:40:59,950

acids as you will find in one teaspoon

862

00:41:07,020 --> 00:41:04,510

of breadcrumbs or less USDA claims nil

863

00:41:10,560 --> 00:41:07,030

protein the number may have been rounded

864

00:41:13,109 --> 00:41:10,570

down the advertisement then lists 20

865

00:41:16,160 --> 00:41:13,119

medicinal properties of vinegar

866

00:41:19,800 --> 00:41:16,170

including help lower cholesterol

867

00:41:23,130 --> 00:41:19,810

forestall osteoporosis help coughs and

868

00:41:25,800 --> 00:41:23,140

colds lower high blood pressure relieve

869

00:41:27,720 --> 00:41:25,810

nighttime leg cramps these are

870

00:41:30,690 --> 00:41:27,730

significant claims all of which have

871

00:41:33,060 --> 00:41:30,700

evaded me in the last 20 years I had the

872

00:41:37,170 --> 00:41:33,070

Chuckle when it also listed the old

873

00:41:40,740 --> 00:41:37,180

quackery perlers aids digestion improves

874

00:41:43,710 --> 00:41:40,750

metabolism and aids to maintain health

875

00:41:47,010 --> 00:41:43,720

nothing like some meaningless feel-good

876

00:41:48,900 --> 00:41:47,020

statements to pad out your list my first

877

00:41:51,420 --> 00:41:48,910

complaint went to the magazine that

878

00:41:56,809 --> 00:41:51,430

published the advertisement stating that

879

00:42:00,780 --> 00:41:56,819

it included lies deception and quackery

880

00:42:04,140 --> 00:42:00,790

the potentially most damaging problem

881

00:42:06,960 --> 00:42:04,150

was that the advert was illegal due to

882

00:42:10,589 --> 00:42:06,970

the statement you'll learn how to melt

883

00:42:13,650 --> 00:42:10,599

away pounds in the slimming advertising

884

00:42:16,410 --> 00:42:13,660

code Media Council of Australia it

885

00:42:19,079 --> 00:42:16,420

points out that all advertising which

886

00:42:21,599 --> 00:42:19,089

includes weight loss claim shall conform

887

00:42:24,690 --> 00:42:21,609

to the requirements of this code this

888

00:42:27,240 --> 00:42:24,700

advertisement doesn't furthermore the

889

00:42:29,190 --> 00:42:27,250

code states all advertisements shall be

890

00:42:31,890 --> 00:42:29,200

subject to prior clearance by the

891

00:42:34,559 --> 00:42:31,900

relevant clearance office with print

892

00:42:36,540 --> 00:42:34,569

media the clearance number allocated

893

00:42:39,660 --> 00:42:36,550

shall be displayed within the dimensions

894

00:42:42,390 --> 00:42:39,670

of the advertisement any advertisement

895

00:42:44,520 --> 00:42:42,400

which does not meet these criteria shall

896

00:42:46,950 --> 00:42:44,530

be deemed to be in breach of the code

897

00:42:50,220 --> 00:42:46,960

no relevant Australian publishing Bureau

898

00:42:54,830 --> 00:42:50,230

clearance number was included with the

899

00:42:57,600 --> 00:42:54,840

advert the magazine replied quickly and

900

00:43:01,170 --> 00:42:57,610

reassured me that the advert would no

901
00:43:04,710 --> 00:43:01,180
longer be included and guess who was

902
00:43:08,940 --> 00:43:04,720
peevd the books Australian distributor

903
00:43:11,910 --> 00:43:08,950
willow tree press phoned me from Sydney

904
00:43:16,070 --> 00:43:11,920
on the 3rd of November and advised me

905
00:43:19,590 --> 00:43:16,080
against taking on tresco publishes us I

906
00:43:22,460 --> 00:43:19,600
thanked him for the warning on his

907
00:43:25,700 --> 00:43:22,470
second call he had calmed down somewhat

908
00:43:29,820 --> 00:43:25,710
the greatest remedy for anger is delay

909
00:43:32,390 --> 00:43:29,830
Seneca I explained my great interest in

910
00:43:35,940 --> 00:43:32,400
the therapeutic powers of vinegar and

911
00:43:38,760 --> 00:43:35,950
could he please forward any scientific

912
00:43:41,040 --> 00:43:38,770
details as these had never previously

913
00:43:42,930 --> 00:43:41,050

entered the public health discussion

914

00:43:45,030 --> 00:43:42,940

among health professionals

915

00:43:47,130 --> 00:43:45,040

he offered to send me a copy of the

916

00:43:49,050 --> 00:43:47,140

vinegar book guaranteed to answer my

917

00:43:51,600 --> 00:43:49,060

questions as there was a list of

918

00:43:53,550 --> 00:43:51,610

references at the back of the book the

919

00:43:55,860 --> 00:43:53,560

answers were easy to find

920

00:43:57,030 --> 00:43:55,870

they were on the inside front cover and

921

00:44:00,480 --> 00:43:57,040

on page 2

922

00:44:03,750 --> 00:44:00,490

allow me to quote this book is intended

923

00:44:07,110 --> 00:44:03,760

as a record of folk lore and historical

924

00:44:10,410 --> 00:44:07,120

solutions no claims are intended as to

925

00:44:13,110 --> 00:44:10,420

the safety or endorsing or effectiveness

926
00:44:15,530 --> 00:44:13,120
of any of the remedies remember these

927
00:44:20,240 --> 00:44:15,540
are only folk remedies not

928
00:44:24,180 --> 00:44:20,250
scientifically proven cures I repeat not

929
00:44:26,010 --> 00:44:24,190
scientifically proven cures now that

930
00:44:28,230 --> 00:44:26,020
would have been a useful and honest

931
00:44:30,990 --> 00:44:28,240
statement to include in the advert

932
00:44:33,630 --> 00:44:31,000
indeed the author has our welfare at

933
00:44:36,000 --> 00:44:33,640
heart we are told that the Select

934
00:44:39,090 --> 00:44:36,010
Committee on Aging's Subcommittee on

935
00:44:42,630 --> 00:44:39,100
Health and long-term care House of

936
00:44:45,720 --> 00:44:42,640
Representative 98 Congress calls the

937
00:44:50,220 --> 00:44:45,730
marketing of supposed arthritis cures a

938
00:44:53,250 --> 00:44:50,230

10 billion dollar a year scandal it is

939

00:44:55,980 --> 00:44:53,260

much cheaper to use her arthritis remedy

940

00:44:59,150 --> 00:44:55,990

of 1 teaspoon of honey

941

00:45:01,890 --> 00:44:59,160

and one teaspoon of apple cider vinegar

942

00:45:04,530 --> 00:45:01,900

mixed into a glass of water and taken

943

00:45:06,480 --> 00:45:04,540

morning and evening I looked at 14 of

944

00:45:10,440 --> 00:45:06,490

the references listed in the back of the

945

00:45:12,630 --> 00:45:10,450

book of these eleven made no mention of

946

00:45:16,380 --> 00:45:12,640

vinegar rather they referred to

947

00:45:18,750 --> 00:45:16,390

nutrients not found in vinegar to others

948

00:45:22,560 --> 00:45:18,760

referred to vinegar reducing the

949

00:45:24,630 --> 00:45:22,570

severity of jellyfish stings this is

950

00:45:27,839 --> 00:45:24,640

well established in the Australian Red

951
00:45:30,690 --> 00:45:27,849
Cross first aid textbook recommends to

952
00:45:33,599 --> 00:45:30,700
pour vinegar over the stung area to

953
00:45:35,670 --> 00:45:33,609
inactivate bee stinging capsules and as

954
00:45:37,530 --> 00:45:35,680
an aside I'll say it's interesting that

955
00:45:41,880 --> 00:45:37,540
in the years since this was published I

956
00:45:45,120 --> 00:45:41,890
think the science now recommends against

957
00:45:47,460 --> 00:45:45,130
doing this we read on the final

958
00:45:50,730 --> 00:45:47,470
reference discussed the calcium content

959
00:45:54,150 --> 00:45:50,740
of soup stock with added vinegar where

960
00:45:57,720 --> 00:45:54,160
the author comments the decrease in pH

961
00:46:01,500 --> 00:45:57,730
due to the addition of 60 milliliters of

962
00:46:03,510 --> 00:46:01,510
vinegar was insufficient to extract a

963
00:46:06,510 --> 00:46:03,520

significant amount of calcium from the

964

00:46:09,120 --> 00:46:06,520

bones this is not the impression you get

965

00:46:12,180 --> 00:46:09,130

from reading page 18 of the book which

966

00:46:13,859 --> 00:46:12,190

implies vinegar added to soup can make a

967

00:46:16,170 --> 00:46:13,869

difference in the calcium which is

968

00:46:19,230 --> 00:46:16,180

pulled from boiled soup bones

969

00:46:21,270 --> 00:46:19,240

it is certainly bold of the author of

970

00:46:24,450 --> 00:46:21,280

the vinegar book to include a reference

971

00:46:27,720 --> 00:46:24,460

that refutes the various surgeons she

972

00:46:30,750 --> 00:46:27,730

makes misrepresenting research findings

973

00:46:32,760 --> 00:46:30,760

is common in nutrition quackery amino

974

00:46:35,460 --> 00:46:32,770

acids and bodybuilding is a wonderful

975

00:46:38,460 --> 00:46:35,470

example the very next sentence from this

976

00:46:41,099 --> 00:46:38,470

reference is nutrition misinformation

977

00:46:44,430 --> 00:46:41,109

can lead consumers into making choices

978

00:46:47,339 --> 00:46:44,440

that may result in serious consequences

979

00:46:51,300 --> 00:46:47,349

which would be the case if an individual

980

00:46:53,780 --> 00:46:51,310

relied primarily on a vinegar-based soup

981

00:46:56,570 --> 00:46:53,790

stock as a source of dietary calcium

982

00:46:58,980 --> 00:46:56,580

this study demonstrates the

983

00:47:01,950 --> 00:46:58,990

responsibility of the nutritional health

984

00:47:04,380 --> 00:47:01,960

professional to evaluate nutrition

985

00:47:07,680 --> 00:47:04,390

information critically through direct

986

00:47:08,920 --> 00:47:07,690

research or thorough review of reputable

987

00:47:10,809 --> 00:47:08,930

literature in

988

00:47:16,230 --> 00:47:10,819

to provide the public with the most

989

00:47:20,020 --> 00:47:16,240

accurate information available precisely

990

00:47:21,970 --> 00:47:20,030

and there is a footnote a complaint was

991

00:47:24,640 --> 00:47:21,980

also forwarded to the advertising

992

00:47:27,819 --> 00:47:24,650

standard Council the advertising

993

00:47:31,030 --> 00:47:27,829

watchdog consequently the advertisement

994

00:47:32,890 --> 00:47:31,040

cannot be run in its current form in a

995

00:47:36,400 --> 00:47:32,900

phone conversation with the Australian

996

00:47:39,730 --> 00:47:36,410

distributor on the 8th of December 1995

997

00:47:42,250 --> 00:47:39,740

he said to me what you've done is a

998

00:47:44,650 --> 00:47:42,260

crying shame you've done a lot of harm

999

00:47:47,140 --> 00:47:44,660

to people who could have been cured of

1000

00:47:48,910 --> 00:47:47,150

ailments the vinegar book has sold a

1001
00:47:52,870 --> 00:47:48,920
hundred and forty thousand copies in

1002
00:47:54,280 --> 00:47:52,880
Australia and supposedly 2.5 million

1003
00:47:58,510 --> 00:47:54,290
worldwide

1004
00:47:59,290 --> 00:47:58,520
oh why was I born with scruples the

1005
00:48:04,530 --> 00:47:59,300
vinegar book

1006
00:48:08,140 --> 00:48:04,540
Emily Thacker Tresckow publishers 1994

1007
00:48:10,780 --> 00:48:08,150
and that report can be found in the

1008
00:48:16,120 --> 00:48:10,790
pages of the skeptic magazine volume 16

1009
00:48:18,430 --> 00:48:16,130
number one from 1996 and I note that the

1010
00:48:20,319 --> 00:48:18,440
vinegar book is still available if you

1011
00:48:23,520 --> 00:48:20,329
google the vinegar book you still find

1012
00:48:28,180 --> 00:48:23,530
copies a copies and older copies

1013
00:48:30,780 --> 00:48:28,190

available online for more reports

1014

00:48:36,510 --> 00:48:30,790

interviews and articles free to download

1015

00:48:42,140 --> 00:48:36,520

visit WWF tag scum day you

1016

00:48:46,740 --> 00:48:44,820

hi I'm Darren McKee one of the hosts of

1017

00:48:48,480 --> 00:48:46,750

the reality check each week my co-host

1018

00:48:50,070 --> 00:48:48,490

and I explore a range of controversies

1019

00:48:51,570 --> 00:48:50,080

and curiosities using science and

1020

00:48:53,460 --> 00:48:51,580

critical thinking you can find us on

1021

00:48:55,050 --> 00:48:53,470

iTunes your favorite podcasting platform

1022

00:48:56,640 --> 00:48:55,060

and on Facebook by searching for the

1023

00:48:59,130 --> 00:48:56,650

reality check or by following us on

1024

00:49:00,780 --> 00:48:59,140

Twitter at TRC underscore podcast until

1025

00:49:02,920 --> 00:49:00,790

then keep an open mind but not so open

1026

00:49:13,700 --> 00:49:02,930

your brain falls out

1027

00:49:17,910 --> 00:49:16,019

thank you for listening to the skeptic

1028

00:49:21,479 --> 00:49:17,920

zone now this week it's come to my

1029

00:49:24,450 --> 00:49:21,489

attention that Wakefield press Wakefield

1030

00:49:27,749 --> 00:49:24,460

press calm today you have just released

1031

00:49:30,319 --> 00:49:27,759

a book called curious recollections life

1032

00:49:34,109 --> 00:49:30,329

in the curiosity show by Rob Morrison

1033

00:49:36,870 --> 00:49:34,119

now we've interviewed Rob Morrison on

1034

00:49:39,180 --> 00:49:36,880

the show before many years ago Rob and

1035

00:49:41,009 --> 00:49:39,190

Dean Dean Hutton were the presenters of

1036

00:49:43,920 --> 00:49:41,019

the curiosity show in the 70s and the

1037

00:49:46,950 --> 00:49:43,930

80s here in Australia and did for people

1038

00:49:49,380 --> 00:49:46,960

like me it was a must-see after-school

1039

00:49:52,920 --> 00:49:49,390

show how to make things how things

1040

00:49:57,180 --> 00:49:52,930

worked lots of science lots of science

1041

00:49:59,370 --> 00:49:57,190

for kids I even made a hovercraft by

1042

00:50:03,269 --> 00:49:59,380

watching the curiosity show and many

1043

00:50:05,459 --> 00:50:03,279

years later I actually got the chance to

1044

00:50:08,640 --> 00:50:05,469

meet Rob and Dean which was fantastic

1045

00:50:11,549 --> 00:50:08,650

and I've been to Rob's house many years

1046

00:50:13,499 --> 00:50:11,559

ago I've spoken in front of both of them

1047

00:50:15,870 --> 00:50:13,509

which was quite a thrill talking about

1048

00:50:18,150 --> 00:50:15,880

skepticism anyway if you remember the

1049

00:50:19,559 --> 00:50:18,160

Curiosity show I'll add a link in this

1050

00:50:21,719 --> 00:50:19,569

week's show notes for curious

1051
00:50:24,150 --> 00:50:21,729
recollections life in the curiosity show

1052
00:50:26,729 --> 00:50:24,160
by Rob Morrison now the little blurb

1053
00:50:28,289 --> 00:50:26,739
says every child who grew up in

1054
00:50:31,200 --> 00:50:28,299
Australia in the 70s and the 80s

1055
00:50:33,209 --> 00:50:31,210
remembers the Curiosity show the science

1056
00:50:35,999 --> 00:50:33,219
show that encouraged kids to build their

1057
00:50:38,160 --> 00:50:36,009
own experiments at home running for 18

1058
00:50:40,559 --> 00:50:38,170
years it was a groundbreaking television

1059
00:50:42,959 --> 00:50:40,569
production winning awards and screening

1060
00:50:45,450 --> 00:50:42,969
into homes around the world actually

1061
00:50:48,289 --> 00:50:45,460
that's true because the show was dubbed

1062
00:50:51,870 --> 00:50:48,299
into other languages including German

1063
00:50:53,430 --> 00:50:51,880

which was quite fun anyway again a link

1064

00:50:56,009 --> 00:50:53,440

in this week's show notes if you grew up

1065

00:50:58,259 --> 00:50:56,019

with the Curiosity Show I'm sure you'd

1066

00:50:59,940 --> 00:50:58,269

want to get a copy of that book thank

1067

00:51:02,910 --> 00:50:59,950

you to those people who continue to

1068

00:51:05,309 --> 00:51:02,920

support the sceptic Zone in a very real

1069

00:51:08,249 --> 00:51:05,319

way financially there would be no show

1070

00:51:10,650 --> 00:51:08,259

unless people just like you supported

1071

00:51:14,130 --> 00:51:10,660

the show and you can do that via patreon

1072

00:51:15,779 --> 00:51:14,140

or PayPal at skeptic zone TV and I

1073

00:51:18,749 --> 00:51:15,789

encourage you to do so it'll give you a

1074

00:51:21,089 --> 00:51:18,759

wonderful warm feeling inside and help

1075

00:51:23,579 --> 00:51:21,099

me pay the bills for the show but of

1076

00:51:25,530 --> 00:51:23,589

course a very heartfelt thank you to the

1077

00:51:28,470 --> 00:51:25,540

people who have been supporting the

1078

00:51:31,140 --> 00:51:28,480

so for many years and the people who

1079

00:51:33,960 --> 00:51:31,150

just recently came on board the amount

1080

00:51:37,230 --> 00:51:33,970

is up to you but quite a few people have

1081

00:51:40,470 --> 00:51:37,240

decided that five dollars a month is the

1082

00:51:42,480 --> 00:51:40,480

right right contribution to make and

1083

00:51:44,550 --> 00:51:42,490

that's not too much to ask I don't think

1084

00:51:47,130 --> 00:51:44,560

next week's show we'll be coming to you

1085

00:51:49,530 --> 00:51:47,140

once again from California as I head

1086

00:51:51,810 --> 00:51:49,540

over there to get ready to go to Dragon

1087

00:51:54,090 --> 00:51:51,820

Con in Atlanta Georgia I need a little

1088

00:51:57,090 --> 00:51:54,100

bit of time to frankly to get over

1089

00:51:59,460 --> 00:51:57,100

jetlag otherwise I'm a complete mess I'm

1090

00:52:01,830 --> 00:51:59,470

a complete wreck so I spend a little bit

1091

00:52:04,050 --> 00:52:01,840

of time in California getting my head

1092

00:52:06,570 --> 00:52:04,060

together getting my sea legs my land

1093

00:52:09,480 --> 00:52:06,580

legs and then heading over to Dragon Con

1094

00:52:11,580 --> 00:52:09,490

where I hope to bring you many hours of

1095

00:52:14,910 --> 00:52:11,590

interesting interviews and insights and

1096

00:52:15,390 --> 00:52:14,920

lots of fun from Atlanta but for this

1097

00:52:17,220 --> 00:52:15,400

week

1098

00:52:23,820 --> 00:52:17,230

this is Richard Saunders signing off

1099

00:52:25,890 --> 00:52:23,830

from Sydney Australia you've been

1100

00:52:31,350 --> 00:52:25,900

listening to the skeptic zone podcast

1101

00:52:34,650 --> 00:52:31,360

please visit our website at WWDC because

1102

00:52:38,150 --> 00:52:34,660

shownotes contacts and to access the bat

1103

00:52:40,800 --> 00:52:38,160

catalog of episodes going back to 2008

1104

00:52:44,100 --> 00:52:40,810

you can follow the skeptic zone podcast

1105

00:52:46,380 --> 00:52:44,110

on twitter at skeptic zone visit our

1106

00:52:47,270 --> 00:52:46,390

facebook page or leave a review on

1107

00:52:49,950 --> 00:52:47,280

itunes

1108

00:52:53,340 --> 00:52:49,960

you can also support the skeptic zone

1109

00:52:56,730 --> 00:52:53,350

via patreon or PayPal the skeptic zone

1110

00:52:58,440 --> 00:52:56,740

podcast is an independent production the

1111

00:53:00,570 --> 00:52:58,450

views and opinions expressed on the

1112

00:53:02,910 --> 00:53:00,580

skeptic zone are not necessarily those

1113

00:53:04,720 --> 00:53:02,920

of Australian skeptics or any other

1114

00:53:15,560 --> 00:53:04,730

skeptical organisation

1115

00:53:20,120 --> 00:53:17,660

hello to the afterthoughts the people

1116

00:53:23,870 --> 00:53:20,130

who tuned in after the music tuning keep

1117

00:53:25,280 --> 00:53:23,880

listening to play the dice game and it's

1118

00:53:27,620 --> 00:53:25,290

quite good doing this because I don't

1119

00:53:30,200 --> 00:53:27,630

care if the planes come over which

1120

00:53:32,330 --> 00:53:30,210

they're doing every minute and a half at

1121

00:53:33,980 --> 00:53:32,340

the moment what's going on maybe it's

1122

00:53:36,080 --> 00:53:33,990

because of the cold winds they have to

1123

00:53:38,300 --> 00:53:36,090

change the flight path I'm not sure

1124

00:53:42,140 --> 00:53:38,310

what's going on and you might guess that

1125

00:53:44,540 --> 00:53:42,150

this studio is not exactly soundproof so

1126

00:53:46,700 --> 00:53:44,550

I have to stop recording frequently some

1127

00:53:48,560 --> 00:53:46,710

mornings anyway

1128

00:53:49,910 --> 00:53:48,570

anyway yes the dice game for those

1129

00:53:51,950 --> 00:53:49,920

people who don't know every now and then

1130

00:53:55,910 --> 00:53:51,960

at the end of the show I will roll and

1131

00:54:00,320 --> 00:53:55,920

die sometimes it's a d6 excited

1132

00:54:03,170 --> 00:54:00,330

sometimes it's a d-10 it's been up to D

1133

00:54:06,880 --> 00:54:03,180

60 in the past I think today it's going

1134

00:54:09,880 --> 00:54:06,890

to be a d 100 well sort of I have a d-10

1135

00:54:12,500 --> 00:54:09,890

10 sided die I'm gonna roll it twice

1136

00:54:16,730 --> 00:54:12,510

twice you see and that will give you a

1137

00:54:19,640 --> 00:54:16,740

number between 1 or from 1 to 100 I'm

1138

00:54:22,490 --> 00:54:19,650

going to do this three times why not

1139

00:54:24,550 --> 00:54:22,500

where's my pen no he's after write down

1140

00:54:28,130 --> 00:54:24,560

the values here because I could forget

1141

00:54:30,430 --> 00:54:28,140

here we go ready to go so I want you now

1142

00:54:33,430 --> 00:54:30,440

to use your psychic powers

1143

00:54:37,850 --> 00:54:33,440

here's your predicting powers and

1144

00:54:52,340 --> 00:54:37,860

predict a number from 1 to 100 here we

1145

00:54:54,590 --> 00:54:52,350

go the first number is 39 39 good luck

1146

00:55:05,090 --> 00:54:54,600

if you got that ok the next number from

1147

00:55:23,160 --> 00:55:11,850

3:53 39 and 53 in the last number how's

1148

00:55:26,010 --> 00:55:23,170

your predicting going 50 again 57 all

1149

00:55:31,320 --> 00:55:26,020

odd numbers all odd numbers three nine

1150

00:55:39,840 --> 00:55:31,330

five three five seven thirty nine 53 57

