

The Skeptic Zone Podcast

Episode 625 - 4 October 2020



Brian Deer | Heidi Robertson

4 October 2020

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Pim Mendham

1
00:00:08,470 --> 00:00:06,550

[Music]

2
00:00:11,190 --> 00:00:08,480

welcome to the skeptic zone

3
00:00:16,830 --> 00:00:11,200

the podcast from australia for science

4
00:00:23,269 --> 00:00:16,840

and reason

5
00:00:25,109 --> 00:00:23,279

[Music]

6
00:00:28,230 --> 00:00:25,119

yes it's the skeptic zone podcast

7
00:00:30,710 --> 00:00:28,240

episode number 625

8
00:00:32,389 --> 00:00:30,720

for the 4th of october 2020 richard

9
00:00:33,830 --> 00:00:32,399

zunda is coming to you from

10
00:00:35,190 --> 00:00:33,840

sydney australia i can't look out the

11
00:00:36,790 --> 00:00:35,200

window to tell you what the day's like

12
00:00:39,910 --> 00:00:36,800

because it's not day

13
00:00:41,830 --> 00:00:39,920

it's night i'm up early

14

00:00:42,950 --> 00:00:41,840

according to my clock it's five o'clock

15

00:00:46,709 --> 00:00:42,960

in the morning

16

00:00:49,910 --> 00:00:46,719

this time of the year early birds

17

00:00:52,549 --> 00:00:49,920

literally early birds start to whistle

18

00:00:54,869 --> 00:00:52,559

and hoot and cry and run around and

19

00:00:57,350 --> 00:00:54,879

screech and do all sorts of things

20

00:00:59,189 --> 00:00:57,360

and in this case this skeptical early

21

00:01:01,510 --> 00:00:59,199

bird is getting the worm

22

00:01:03,590 --> 00:01:01,520

the worm being a nice quiet uh

23

00:01:05,429 --> 00:01:03,600

environment to record

24

00:01:06,710 --> 00:01:05,439

now the skeptic's own studios are great

25

00:01:09,350 --> 00:01:06,720

i love them

26

00:01:11,190 --> 00:01:09,360

but they're not soundproof and i know

27

00:01:12,630 --> 00:01:11,200

some listeners out there will hear the

28

00:01:15,190 --> 00:01:12,640

odd bird tweeting

29

00:01:16,630 --> 00:01:15,200

through bits of the show oh well not too

30

00:01:18,390 --> 00:01:16,640

much i can do about that apart from

31

00:01:21,830 --> 00:01:18,400

getting up at this ridiculous

32

00:01:25,510 --> 00:01:21,840

hour hmm i think i spoke too soon i

33

00:01:28,469 --> 00:01:25,520

just heard a bird somewhere hmm

34

00:01:30,710 --> 00:01:28,479

coming up on this week's show part one

35

00:01:31,670 --> 00:01:30,720

of a three-part interview with brian

36

00:01:34,710 --> 00:01:31,680

dear

37

00:01:37,429 --> 00:01:34,720

the man who wrote the doctor

38

00:01:38,550 --> 00:01:37,439

who fooled the world about the andrew

39

00:01:43,429 --> 00:01:38,560

wakefield

40

00:01:45,270 --> 00:01:43,439

vaccination mmr autism saga

41

00:01:46,630 --> 00:01:45,280

our very own heidi robertson the raw

42

00:01:48,630 --> 00:01:46,640

skeptic conducts this

43

00:01:50,149 --> 00:01:48,640

three-part interview well it was a

44

00:01:52,469 --> 00:01:50,159

one-part interview that went on for a

45

00:01:54,710 --> 00:01:52,479

long time so we split it up

46

00:01:55,830 --> 00:01:54,720

into three parts part one today where

47

00:01:57,270 --> 00:01:55,840

brian dear

48

00:01:59,990 --> 00:01:57,280

we'll give an overview of the andrew

49

00:02:03,749 --> 00:02:00,000

wakefield paper how the children

50

00:02:06,630 --> 00:02:03,759

in the study were recruited the 100

51
00:02:08,710 --> 00:02:06,640
million dollar lawsuit and how some of

52
00:02:11,910 --> 00:02:08,720
the diagnosis of some of the children

53
00:02:13,510 --> 00:02:11,920
was changed to suit an end goal and

54
00:02:15,990 --> 00:02:13,520
following that it's michelle biggesmar

55
00:02:17,990 --> 00:02:16,000
back again with more logical fallacies

56
00:02:20,070 --> 00:02:18,000
this week michelle's going to be looking

57
00:02:25,190 --> 00:02:20,080
at poisoning

58
00:02:26,710 --> 00:02:25,200
the well sort of a preemptive strike

59
00:02:28,869 --> 00:02:26,720
i guess it comes from don't drink the

60
00:02:31,750 --> 00:02:28,879
water from that well it's poisoned

61
00:02:34,070 --> 00:02:31,760
whether it is poisoned or not then we

62
00:02:38,309 --> 00:02:34,080
have the book of tim with tim mendom

63
00:02:41,430 --> 00:02:38,319

and this week it's trials by fire

64

00:02:44,070 --> 00:02:41,440

tim reading from reports and uh

65

00:02:44,869 --> 00:02:44,080

interviews and excerpts and so on from

66

00:02:51,990 --> 00:02:44,879

the

67

00:02:54,630 --> 00:02:52,000

it's our continuing look into trove

68

00:02:57,270 --> 00:02:54,640

the archive of gazettes newspapers

69

00:02:58,309 --> 00:02:57,280

periodicals magazines from australian

70

00:03:00,229 --> 00:02:58,319

history

71

00:03:02,830 --> 00:03:00,239

and this week we're going to look for

72

00:03:05,750 --> 00:03:02,840

the term haunted

73

00:03:08,070 --> 00:03:05,760

house so i'm

74

00:03:08,869 --> 00:03:08,080

keeping a close eye on the time it says

75

00:03:11,750 --> 00:03:08,879

okay

76
00:03:13,270 --> 00:03:11,760
now we're coming up to 5 20 because of

77
00:03:15,589 --> 00:03:13,280
various stops and starts and the

78
00:03:17,430 --> 00:03:15,599
kookaburras have started outside

79
00:03:19,030 --> 00:03:17,440
and various other birds all right mental

80
00:03:20,149 --> 00:03:19,040
note i'm going to have to start

81
00:03:23,190 --> 00:03:20,159
recording at about

82
00:03:25,270 --> 00:03:23,200
4 30 in the morning

83
00:03:27,190 --> 00:03:25,280
maybe one day the skeptic's own studios

84
00:03:29,990 --> 00:03:27,200
can be soundproofed

85
00:03:31,830 --> 00:03:30,000
with rubber walls stay tuned at the end

86
00:03:34,070 --> 00:03:31,840
of the show for some very important

87
00:03:35,830 --> 00:03:34,080
announcements but now it's time for me

88
00:03:38,309 --> 00:03:35,840

to run downstairs tiptoe

89

00:03:38,949 --> 00:03:38,319

over those sleeping skeptics own cats

90

00:03:40,390 --> 00:03:38,959

well

91

00:03:42,470 --> 00:03:40,400

i think they're sleeping they had their

92

00:03:45,190 --> 00:03:42,480

breakfast a few minutes ago

93

00:03:47,270 --> 00:03:45,200

and they looked at me saying breakfast

94

00:03:50,789 --> 00:03:47,280

at this time of day

95

00:03:52,390 --> 00:03:50,799

yeah okay they didn't seem to complain

96

00:03:54,229 --> 00:03:52,400

anyway i'm gonna tiptoe down the stairs

97

00:03:55,350 --> 00:03:54,239

and get a nice cup of coffee to wake

98

00:03:58,149 --> 00:03:55,360

myself up

99

00:03:59,030 --> 00:03:58,159

and i think some um toast with butter

100

00:04:02,710 --> 00:03:59,040

will do

101
00:04:06,309 --> 00:04:02,720
for this morning birds they might be

102
00:04:07,990 --> 00:04:06,319
magpies ibis

103
00:04:11,830 --> 00:04:08,000
they're known as bin chickens in this

104
00:04:15,990 --> 00:04:11,840
country there's ibis birds magpies ibis

105
00:04:18,150 --> 00:04:16,000
and maybe a blue wren who knows

106
00:04:19,189 --> 00:04:18,160
and a kookaburra while i do that i hope

107
00:04:40,870 --> 00:04:19,199
you enjoy

108
00:04:45,650 --> 00:04:44,150
it's the raw skeptic report with heidi

109
00:04:51,590 --> 00:04:45,660
robinson

110
00:04:54,310 --> 00:04:51,600
[Music]

111
00:04:58,310 --> 00:04:54,320
hello everyone heidi robertson from the

112
00:05:01,350 --> 00:04:58,320
northern rivers vaccination supporters

113
00:05:03,189 --> 00:05:01,360

as a vaccine advocate speaking with many

114

00:05:05,909 --> 00:05:03,199

other vaccine advocates

115

00:05:07,350 --> 00:05:05,919

all around the world i don't think i've

116

00:05:10,150 --> 00:05:07,360

ever come across

117

00:05:12,469 --> 00:05:10,160

anyone that's familiar with vaccines who

118

00:05:16,870 --> 00:05:12,479

thinks or claims that they are

119

00:05:20,070 --> 00:05:16,880

100 percent safe 100 percent of the time

120

00:05:21,270 --> 00:05:20,080

there's nothing in life that is but like

121

00:05:24,710 --> 00:05:21,280

everything else

122

00:05:26,629 --> 00:05:24,720

we look at the risks and the benefits

123

00:05:28,230 --> 00:05:26,639

and it's pretty clear that for the vast

124

00:05:31,909 --> 00:05:28,240

majority of us

125

00:05:36,469 --> 00:05:31,919

there is no reason to not be vaccinated

126

00:05:39,029 --> 00:05:36,479

the benefits far far outweigh the risks

127

00:05:40,710 --> 00:05:39,039

it is not beneficial from a health or

128

00:05:42,950 --> 00:05:40,720

economic perspective

129

00:05:43,990 --> 00:05:42,960

for governments to back immunization

130

00:05:48,150 --> 00:05:44,000

programs that

131

00:05:50,390 --> 00:05:48,160

kill and maim their populations

132

00:05:52,550 --> 00:05:50,400

this isn't to say that big pharma should

133

00:05:53,909 --> 00:05:52,560

just get a free pass when it comes to

134

00:05:56,629 --> 00:05:53,919

vaccination

135

00:05:58,629 --> 00:05:56,639

we need people to hold them to account

136

00:05:59,189 --> 00:05:58,639

and to ensure that any vaccine that is

137

00:06:03,350 --> 00:05:59,199

released

138

00:06:06,150 --> 00:06:03,360

holds up in terms of its safety profile

139

00:06:09,110 --> 00:06:06,160

this is important in the release of any

140

00:06:10,950 --> 00:06:09,120

new covert 19 vaccine for example

141

00:06:12,870 --> 00:06:10,960

we need to make sure that political

142

00:06:16,629 --> 00:06:12,880

pressure doesn't interfere with good

143

00:06:19,350 --> 00:06:16,639

scientific process brian dear has had

144

00:06:21,670 --> 00:06:19,360

a special interest during his career as

145

00:06:24,150 --> 00:06:21,680

an investigative reporter

146

00:06:24,950 --> 00:06:24,160

on holding big pharma to account and

147

00:06:27,670 --> 00:06:24,960

exposing

148

00:06:29,909 --> 00:06:27,680

fraud and shoddy research within the

149

00:06:31,830 --> 00:06:29,919

industry

150

00:06:33,270 --> 00:06:31,840

one could be forgiven for thinking that

151

00:06:35,790 --> 00:06:33,280

this would give him some

152

00:06:37,510 --> 00:06:35,800

semblance of credibility within the

153

00:06:40,150 --> 00:06:37,520

anti-vaccination community

154

00:06:42,230 --> 00:06:40,160

seeing as they have very little regard

155

00:06:45,670 --> 00:06:42,240

for pharmaceutical companies

156

00:06:48,990 --> 00:06:45,680

but this was not to be the case

157

00:06:51,510 --> 00:06:49,000

what brian uncovered did not please the

158

00:06:54,309 --> 00:06:51,520

anti-vaccination community

159

00:06:56,070 --> 00:06:54,319

it simply did not fit into the world

160

00:06:58,550 --> 00:06:56,080

view they had created

161

00:06:59,510 --> 00:06:58,560

and which was encouraged and exploited

162

00:07:03,110 --> 00:06:59,520

by figures

163

00:07:04,469 --> 00:07:03,120

like andrew wakefield mr andrew

164

00:07:07,350 --> 00:07:04,479

wakefield

165

00:07:08,950 --> 00:07:07,360

formerly a research gastroenterologist

166

00:07:12,150 --> 00:07:08,960

from england

167

00:07:13,029 --> 00:07:12,160

had a paper published in 1998 in the

168

00:07:16,629 --> 00:07:13,039

respected

169

00:07:18,790 --> 00:07:16,639

medical journal the lancet in which he

170

00:07:21,830 --> 00:07:18,800

and his co-authors claimed a possible

171

00:07:24,790 --> 00:07:21,840

link between the mmr vaccine

172

00:07:26,710 --> 00:07:24,800

bowel disease and a sudden onset of

173

00:07:28,950 --> 00:07:26,720

autism

174

00:07:30,070 --> 00:07:28,960

they suggested this link after studying

175

00:07:33,110 --> 00:07:30,080

just 12

176

00:07:34,790 --> 00:07:33,120

children the paper was eventually

177

00:07:36,870 --> 00:07:34,800

retracted thanks to brian d's

178

00:07:39,909 --> 00:07:36,880

investigations but the damage

179

00:07:42,230 --> 00:07:39,919

had already been done and in fact

180

00:07:43,189 --> 00:07:42,240

continues to this day with parents all

181

00:07:47,189 --> 00:07:43,199

over the world

182

00:07:50,070 --> 00:07:47,199

doubting the safety of the mmr vaccine

183

00:07:51,110 --> 00:07:50,080

vaccination rates plummeted measles

184

00:07:54,070 --> 00:07:51,120

predictably

185

00:07:56,070 --> 00:07:54,080

made a comeback and many people who

186

00:07:59,110 --> 00:07:56,080

don't even know wakefield's name

187

00:08:02,309 --> 00:07:59,120

still have the vague association

188

00:08:05,510 --> 00:08:02,319

that maybe the mmr vaccine is somehow

189

00:08:06,950 --> 00:08:05,520

associated with autism

190

00:08:08,550 --> 00:08:06,960

most people who have an interest in

191

00:08:11,670 --> 00:08:08,560

vaccination have heard

192

00:08:12,150 --> 00:08:11,680

the bare bones of the story but this new

193

00:08:15,670 --> 00:08:12,160

book

194

00:08:19,189 --> 00:08:15,680

by brian dear covers the sheer vastness

195

00:08:21,510 --> 00:08:19,199

of the scam in so much detail

196

00:08:22,230 --> 00:08:21,520

that it may well take more than one

197

00:08:24,790 --> 00:08:22,240

reading

198

00:08:25,990 --> 00:08:24,800

to start to grasp the who's who and the

199

00:08:29,589 --> 00:08:26,000

what's what

200

00:08:31,909 --> 00:08:29,599

of what actually went on

201

00:08:33,029 --> 00:08:31,919

i started the book underlining what i

202

00:08:34,709 --> 00:08:33,039

thought were the most

203

00:08:36,389 --> 00:08:34,719

damning bits of evidence that were

204

00:08:39,190 --> 00:08:36,399

uncovered and before long

205

00:08:39,990 --> 00:08:39,200

had to discard my pen as i was

206

00:08:43,350 --> 00:08:40,000

underlining

207

00:08:45,990 --> 00:08:43,360

almost every line on every page

208

00:08:47,509 --> 00:08:46,000

the book is the doctor who fooled the

209

00:08:50,070 --> 00:08:47,519

world

210

00:08:51,509 --> 00:08:50,080

and i'd now like to introduce you all to

211

00:08:54,070 --> 00:08:51,519

the man who showed

212

00:08:55,269 --> 00:08:54,080

such an incredible determination

213

00:08:58,949 --> 00:08:55,279

persistence

214

00:08:59,910 --> 00:08:58,959

and drive over 15 years to uncover the

215

00:09:03,350 --> 00:08:59,920

truth behind the

216

00:09:06,550 --> 00:09:03,360

infamous landsat study by the equally

217

00:09:08,710 --> 00:09:06,560

infamous andrew wakefield now there are

218

00:09:11,350 --> 00:09:08,720

so many facets to this story

219

00:09:14,310 --> 00:09:11,360

and the book that my interview with

220

00:09:17,590 --> 00:09:14,320

brian deere is split into three parts

221

00:09:20,230 --> 00:09:17,600

today in part one brian gives us

222

00:09:21,269 --> 00:09:20,240

an overview of the original wakefield

223

00:09:22,710 --> 00:09:21,279

paper

224

00:09:25,509 --> 00:09:22,720

how the children in the study were

225

00:09:28,630 --> 00:09:25,519

recruited the 100 million

226

00:09:29,350 --> 00:09:28,640

lawsuit and how the diagnosis of some of

227

00:09:36,470 --> 00:09:29,360

the children

228

00:09:38,790 --> 00:09:36,480

was changed to suit the end goal

229

00:09:41,190 --> 00:09:38,800

mr brian dear welcome to the skeptic

230

00:09:45,110 --> 00:09:41,200

zone hello hi eddie good to be here

231

00:09:47,910 --> 00:09:45,120

brian tell us how why

232

00:09:49,190 --> 00:09:47,920

and by whom the 12 children for

233

00:09:52,310 --> 00:09:49,200

wakefield's landsat

234

00:09:53,190 --> 00:09:52,320

study were recruited and if you could

235

00:09:56,430 --> 00:09:53,200

explain

236

00:10:00,710 --> 00:09:56,440

why this was a problem in terms of

237

00:10:03,030 --> 00:10:00,720

transparency and good scientific process

238

00:10:05,110 --> 00:10:03,040

okay for people who are new to this one

239

00:10:07,190 --> 00:10:05,120

um probably we ought to go back to

240

00:10:08,710 --> 00:10:07,200

the basics of saying well what are we

241

00:10:11,990 --> 00:10:08,720

talking about here we're talking

242

00:10:13,269 --> 00:10:12,000

about a research paper four thousand

243

00:10:16,550 --> 00:10:13,279

words

244

00:10:18,150 --> 00:10:16,560

four pages in the or was it five pages

245

00:10:19,829 --> 00:10:18,160

it might be in five pages in the

246

00:10:21,910 --> 00:10:19,839

lancet medical journal published in

247

00:10:25,350 --> 00:10:21,920

february 1998

248

00:10:28,310 --> 00:10:25,360

22 years ago long time ago and this is

249

00:10:30,230 --> 00:10:28,320

this is essentially the way the world

250

00:10:32,230 --> 00:10:30,240

took this paper the way it was presented

251
00:10:32,710 --> 00:10:32,240
it was presented to be a case series of

252
00:10:35,269 --> 00:10:32,720
12

253
00:10:37,030 --> 00:10:35,279
children who had been brought to a

254
00:10:40,550 --> 00:10:37,040
london hospital the royal free

255
00:10:43,430 --> 00:10:40,560
in hampstead where they underwent a

256
00:10:44,470 --> 00:10:43,440
battery of investigations ultimately the

257
00:10:47,910 --> 00:10:44,480
paper published

258
00:10:49,590 --> 00:10:47,920
claimed that these parents of these 12

259
00:10:51,750 --> 00:10:49,600
children had turned up

260
00:10:54,470 --> 00:10:51,760
to a children's bowel clinic in the

261
00:10:55,670 --> 00:10:54,480
cases of 8 out of 12 of the children

262
00:10:58,150 --> 00:10:55,680
i have to be careful all the time

263
00:10:59,670 --> 00:10:58,160

because there were 11 families and 12

264

00:11:00,150 --> 00:10:59,680

children because two of the children

265

00:11:01,509 --> 00:11:00,160

were

266

00:11:04,150 --> 00:11:01,519

brothers so i have to be very careful

267

00:11:06,710 --> 00:11:04,160

about the way i formulate this otherwise

268

00:11:07,269 --> 00:11:06,720

wakefield gets onto me about everything

269

00:11:10,949 --> 00:11:07,279

um

270

00:11:13,990 --> 00:11:10,959

so there were these uh 12 children

271

00:11:15,990 --> 00:11:14,000

eight of them their parents said we took

272

00:11:19,509 --> 00:11:16,000

it all of them said we took our children

273

00:11:22,230 --> 00:11:19,519

to doctors to be vaccinated against mmr

274

00:11:23,190 --> 00:11:22,240

and in eight of the cases of the

275

00:11:27,030 --> 00:11:23,200

children

276

00:11:30,069 --> 00:11:27,040

the parents said that within 14 days

277

00:11:31,030 --> 00:11:30,079

these children showed the first symptoms

278

00:11:33,110 --> 00:11:31,040

of autism

279

00:11:34,310 --> 00:11:33,120

things like loss of language gays

280

00:11:37,190 --> 00:11:34,320

avoidance

281

00:11:38,470 --> 00:11:37,200

all the classical symptoms of autism and

282

00:11:40,470 --> 00:11:38,480

there was a press conference at the

283

00:11:40,870 --> 00:11:40,480

royal free hospital in london where this

284

00:11:43,030 --> 00:11:40,880

thing

285

00:11:44,949 --> 00:11:43,040

was done and particularly in its medical

286

00:11:48,389 --> 00:11:44,959

school where they announced to the world

287

00:11:51,430 --> 00:11:48,399

that they found a putative cause

288

00:11:53,190 --> 00:11:51,440

of autism the mmr vaccine

289

00:11:54,949 --> 00:11:53,200

and i should also say that wakefield

290

00:11:57,509 --> 00:11:54,959

claimed as as evidence of this

291

00:11:58,230 --> 00:11:57,519

this uh this new syndrome as he called

292

00:12:00,310 --> 00:11:58,240

it that

293

00:12:01,990 --> 00:12:00,320

the children had what he called a new

294

00:12:04,629 --> 00:12:02,000

inflammatory bowel disease

295

00:12:07,430 --> 00:12:04,639

children had autism and the parents said

296

00:12:10,790 --> 00:12:07,440

it was the mmr doctor it came on within

297

00:12:13,190 --> 00:12:10,800

two weeks of vaccination so that

298

00:12:15,430 --> 00:12:13,200

at face value some people who the sort

299

00:12:17,829 --> 00:12:15,440

of armchair commentators on all this and

300

00:12:20,550 --> 00:12:17,839

the medical establishment in particular

301

00:12:22,550 --> 00:12:20,560

like to say afterwards that well 12

302

00:12:24,230 --> 00:12:22,560

children what does that mean that's not

303

00:12:27,430 --> 00:12:24,240

important how can that be

304

00:12:29,750 --> 00:12:27,440

something worth huge media retention uh

305

00:12:31,829 --> 00:12:29,760

and then subsequently papers were done

306

00:12:33,509 --> 00:12:31,839

research was done involving tens and

307

00:12:35,350 --> 00:12:33,519

hundreds of thousands of children

308

00:12:38,069 --> 00:12:35,360

which found no such connection between

309

00:12:40,230 --> 00:12:38,079

the vaccine and autism but nevertheless

310

00:12:42,790 --> 00:12:40,240

you have to bear in mind that the

311

00:12:45,590 --> 00:12:42,800

landmark discoveries of medicine

312

00:12:46,230 --> 00:12:45,600

are generally reported in a single

313

00:12:51,430 --> 00:12:46,240

patient

314

00:12:53,750 --> 00:12:51,440

classic one i suppose of recent years

315

00:12:55,430 --> 00:12:53,760

was the what became known as aids

316

00:12:58,310 --> 00:12:55,440

which was first reported in a case

317

00:13:00,150 --> 00:12:58,320

series of five gay men in los angeles

318

00:13:01,829 --> 00:13:00,160

so the fact there was only 12 children

319

00:13:02,230 --> 00:13:01,839

neither here or there because this could

320

00:13:05,030 --> 00:13:02,240

be

321

00:13:05,990 --> 00:13:05,040

potentially the first snapshot of a

322

00:13:08,389 --> 00:13:06,000

hidden epidemic

323

00:13:09,190 --> 00:13:08,399

of catastrophic injuries to children

324

00:13:11,590 --> 00:13:09,200

which

325

00:13:12,550 --> 00:13:11,600

doctors at other hospitals simply hadn't

326

00:13:14,389 --> 00:13:12,560

noticed

327

00:13:15,990 --> 00:13:14,399

so wakefield stood up at a uh well

328

00:13:17,269 --> 00:13:16,000

actually stand up he was sitting down he

329

00:13:19,350 --> 00:13:17,279

was at this press conference and he

330

00:13:22,949 --> 00:13:19,360

called on the government to suspend

331

00:13:24,230 --> 00:13:22,959

the mmr vaccine and for parents

332

00:13:26,150 --> 00:13:24,240

to ask for their children to be

333

00:13:28,230 --> 00:13:26,160

vaccinated with single vaccines one

334

00:13:29,350 --> 00:13:28,240

against measles one against mumps once

335

00:13:32,310 --> 00:13:29,360

against rubella

336

00:13:34,790 --> 00:13:32,320

spread out over a year so that was the

337

00:13:37,829 --> 00:13:34,800

the paper that set off

338

00:13:41,030 --> 00:13:37,839

the controversy over the mmr vaccine

339

00:13:43,430 --> 00:13:41,040

and which really is the the basis

340

00:13:44,230 --> 00:13:43,440

of all the activity that's gone on be

341

00:13:47,110 --> 00:13:44,240

between

342

00:13:48,230 --> 00:13:47,120

then and now over those 22 years is now

343

00:13:50,230 --> 00:13:48,240

flourishing

344

00:13:51,269 --> 00:13:50,240

with the controversy over the

345

00:13:54,389 --> 00:13:51,279

development of a

346

00:13:55,110 --> 00:13:54,399

covid19 vaccine at great haste yes so

347

00:13:58,069 --> 00:13:55,120

that that

348

00:13:58,710 --> 00:13:58,079

the actual recruitment of the 12

349

00:14:02,069 --> 00:13:58,720

children

350

00:14:05,269 --> 00:14:02,079

um i guess i'm what i'm getting at is

351
00:14:06,150 --> 00:14:05,279
how it was done with this study as

352
00:14:09,110 --> 00:14:06,160
opposed to

353
00:14:10,870 --> 00:14:09,120
how it would usually be done in what we

354
00:14:12,550 --> 00:14:10,880
might call a well-designed study

355
00:14:14,550 --> 00:14:12,560
well it's a case series it's a case

356
00:14:16,949 --> 00:14:14,560
series of patients so it's a it

357
00:14:17,750 --> 00:14:16,959
it purports to be a description of the

358
00:14:20,629 --> 00:14:17,760
children's

359
00:14:21,590 --> 00:14:20,639
uh they're all anonymized their ages

360
00:14:27,030 --> 00:14:21,600
their

361
00:14:28,629 --> 00:14:27,040
developmental diagnosis or what the

362
00:14:29,590 --> 00:14:28,639
paper called their neuropsychiatric

363
00:14:32,150 --> 00:14:29,600

diagnosis

364

00:14:33,590 --> 00:14:32,160

and it was split into two there were two

365

00:14:35,269 --> 00:14:33,600

tables within the paper

366

00:14:37,269 --> 00:14:35,279

one covered what wait for called the

367

00:14:40,629 --> 00:14:37,279

neuropsychiatric diagnosis

368

00:14:42,790 --> 00:14:40,639

and the other included the supposed uh

369

00:14:44,150 --> 00:14:42,800

bowel diagnosis so that's that's what it

370

00:14:46,629 --> 00:14:44,160

appeared to be

371

00:14:47,430 --> 00:14:46,639

but now to get to your question which is

372

00:14:51,030 --> 00:14:47,440

what was it

373

00:14:53,829 --> 00:14:51,040

really what was this paper really uh

374

00:14:54,710 --> 00:14:53,839

about and how is it really done this

375

00:14:57,990 --> 00:14:54,720

paper

376
00:15:00,710 --> 00:14:58,000
was commissioned by a firm of lawyers

377
00:15:01,269 --> 00:15:00,720
and under wakefield's control was only

378
00:15:04,230 --> 00:15:01,279
ever

379
00:15:05,750 --> 00:15:04,240
going to reach one conclusion because

380
00:15:07,990 --> 00:15:05,760
wayford himself had been

381
00:15:09,750 --> 00:15:08,000
hired by this firm of lawyers at

382
00:15:13,350 --> 00:15:09,760
generous hourly rates and

383
00:15:14,550 --> 00:15:13,360
told that if he got positive results

384
00:15:17,509 --> 00:15:14,560
from these children

385
00:15:19,509 --> 00:15:17,519
then a lawsuit would be launched and

386
00:15:22,790 --> 00:15:19,519
indeed a lawsuit was launched

387
00:15:25,990 --> 00:15:22,800
involving 1600 children it consumed

388
00:15:28,310 --> 00:15:26,000

i think in on both sides if you take

389

00:15:29,269 --> 00:15:28,320

both sides of the lawsuit that went

390

00:15:31,269 --> 00:15:29,279

forward

391

00:15:32,310 --> 00:15:31,279

about half of it was paid by the british

392

00:15:35,430 --> 00:15:32,320

taxpayer through

393

00:15:37,110 --> 00:15:35,440

legal aid it's a it's a a fund system

394

00:15:39,189 --> 00:15:37,120

for people who can't afford to sue

395

00:15:41,670 --> 00:15:39,199

and about half of it was paid by the

396

00:15:45,269 --> 00:15:41,680

drug industry defendants consumed

397

00:15:47,110 --> 00:15:45,279

in u.s dollars um at about the rough

398

00:15:50,069 --> 00:15:47,120

conversion rates that we have now

399

00:15:52,230 --> 00:15:50,079

100 million us dollars so this is that

400

00:15:55,110 --> 00:15:52,240

loss it was a 100 million

401
00:15:55,910 --> 00:15:55,120
us dollar lawsuit that was set off by

402
00:15:58,470 --> 00:15:55,920
this thing

403
00:16:00,310 --> 00:15:58,480
firstly wakefield had this monstrous

404
00:16:02,710 --> 00:16:00,320
monstrous conflict of interest

405
00:16:03,990 --> 00:16:02,720
that when he appeared to be a

406
00:16:07,430 --> 00:16:04,000
dispassionate

407
00:16:07,990 --> 00:16:07,440
academic researcher at a london medical

408
00:16:10,710 --> 00:16:08,000
school he

409
00:16:11,350 --> 00:16:10,720
was behind the scenes and undeclared to

410
00:16:14,710 --> 00:16:11,360
the public

411
00:16:17,030 --> 00:16:14,720
or to the lancet that a hired gun

412
00:16:17,910 --> 00:16:17,040
for a firm of lawyers trying to make a

413
00:16:19,990 --> 00:16:17,920

case

414

00:16:21,030 --> 00:16:20,000

against the mmr vaccine so that's the

415

00:16:22,870 --> 00:16:21,040

first thing

416

00:16:24,310 --> 00:16:22,880

so what did he then do what happened

417

00:16:26,710 --> 00:16:24,320

then these children

418

00:16:27,350 --> 00:16:26,720

who turned up at the hospital were not

419

00:16:29,269 --> 00:16:27,360

just

420

00:16:31,749 --> 00:16:29,279

patients coming in off the street we're

421

00:16:34,389 --> 00:16:31,759

not just part of a normal case series

422

00:16:36,870 --> 00:16:34,399

like the the case series that led to the

423

00:16:37,910 --> 00:16:36,880

first observations of uh what became

424

00:16:39,910 --> 00:16:37,920

known as aids

425

00:16:41,350 --> 00:16:39,920

they were actually being referred

426

00:16:43,350 --> 00:16:41,360

through their parents by an

427

00:16:45,110 --> 00:16:43,360

anti-vaccine group what today we would

428

00:16:47,350 --> 00:16:45,120

call an anti-vaccine group

429

00:16:48,150 --> 00:16:47,360

then at the time it was an anti-mmr

430

00:16:50,949 --> 00:16:48,160

group it was called

431

00:16:52,550 --> 00:16:50,959

jabs and the purpose of jabs was to help

432

00:16:53,430 --> 00:16:52,560

its founder a woman named jackie

433

00:16:56,790 --> 00:16:53,440

fletcher

434

00:17:00,389 --> 00:16:56,800

to get enough other cases of alleged

435

00:17:01,269 --> 00:17:00,399

uh injuries from vaccines to justify the

436

00:17:04,789 --> 00:17:01,279

government

437

00:17:06,470 --> 00:17:04,799

paying for her to have a multi-party or

438

00:17:08,630 --> 00:17:06,480

class action lawsuit so

439

00:17:09,510 --> 00:17:08,640

these children weren't just routine

440

00:17:13,429 --> 00:17:09,520

referrals

441

00:17:14,390 --> 00:17:13,439

motivated group and those parents had

442

00:17:17,669 --> 00:17:14,400

come to make

443

00:17:17,990 --> 00:17:17,679

the allegation against the mmr so when

444

00:17:20,230 --> 00:17:18,000

they

445

00:17:21,909 --> 00:17:20,240

the the this connection between the mmon

446

00:17:23,590 --> 00:17:21,919

autism appeared in what the parents said

447

00:17:25,829 --> 00:17:23,600

when they came to the hospital

448

00:17:27,829 --> 00:17:25,839

well it would because that wasn't a

449

00:17:28,630 --> 00:17:27,839

finding that was part of the papers

450

00:17:30,150 --> 00:17:28,640

methods

451
00:17:31,830 --> 00:17:30,160
that's why they'd come that's why

452
00:17:32,950 --> 00:17:31,840
they've been brought there and i found

453
00:17:34,150 --> 00:17:32,960
that wake would have been actually

454
00:17:36,470 --> 00:17:34,160
phoning around

455
00:17:37,350 --> 00:17:36,480
the parents and and the parents general

456
00:17:39,270 --> 00:17:37,360
practitioners

457
00:17:40,870 --> 00:17:39,280
to ensure that he got the pair of the

458
00:17:43,830 --> 00:17:40,880
children that he wanted

459
00:17:44,470 --> 00:17:43,840
referred to this study so again a

460
00:17:49,990 --> 00:17:44,480
shocking

461
00:17:50,630 --> 00:17:50,000
to the world when that paper was

462
00:17:53,590 --> 00:17:50,640
launched

463
00:17:55,270 --> 00:17:53,600

then what people didn't know and what we

464

00:17:57,190 --> 00:17:55,280

knew as a result of my

465

00:17:59,110 --> 00:17:57,200

investigations this is not to brag but

466

00:18:00,549 --> 00:17:59,120

this is simply to state the truth and

467

00:18:01,750 --> 00:18:00,559

some people have said well how come a

468

00:18:03,510 --> 00:18:01,760

journalist got this

469

00:18:05,190 --> 00:18:03,520

and the medical establishment and the

470

00:18:08,070 --> 00:18:05,200

science community never got this

471

00:18:09,110 --> 00:18:08,080

he had eight months before that press

472

00:18:11,590 --> 00:18:09,120

conference where he

473

00:18:12,230 --> 00:18:11,600

unleashed this paper he'd filed for his

474

00:18:17,990 --> 00:18:12,240

own

475

00:18:20,310 --> 00:18:18,000

a single measles vaccine so there he was

476
00:18:21,830 --> 00:18:20,320
calling for parents to boycott the mmr

477
00:18:23,270 --> 00:18:21,840
for the government to suspend it in

478
00:18:26,070 --> 00:18:23,280
favor of single shots

479
00:18:26,789 --> 00:18:26,080
and he'd patented his own single shot

480
00:18:28,789 --> 00:18:26,799
another

481
00:18:29,990 --> 00:18:28,799
extraordinary conflict of interest which

482
00:18:32,950 --> 00:18:30,000
he never revealed

483
00:18:34,549 --> 00:18:32,960
but then this is where it gets really

484
00:18:37,270 --> 00:18:34,559
interesting because

485
00:18:38,950 --> 00:18:37,280
he'd been hired to create if you like a

486
00:18:41,669 --> 00:18:38,960
fingerprint of damage

487
00:18:43,430 --> 00:18:41,679
and more than two years before that

488
00:18:44,710 --> 00:18:43,440

paper well almost two years before that

489

00:18:47,430 --> 00:18:44,720

paper was published

490

00:18:48,470 --> 00:18:47,440

he'd submitted a grant application with

491

00:18:50,470 --> 00:18:48,480

the lawyer

492

00:18:51,750 --> 00:18:50,480

to the british government's legal aid

493

00:18:55,029 --> 00:18:51,760

scheme to

494

00:18:55,510 --> 00:18:55,039

fund a clinical and scientific study so

495

00:19:00,070 --> 00:18:55,520

it would

496

00:19:00,950 --> 00:19:00,080

that you do at the bedside or the usual

497

00:19:04,549 --> 00:19:00,960

usual

498

00:19:06,549 --> 00:19:04,559

examinations bells uh colonoscopies into

499

00:19:09,590 --> 00:19:06,559

the children's bowels and so forth

500

00:19:10,310 --> 00:19:09,600

and scientific experiments that was

501
00:19:12,870 --> 00:19:10,320
going on

502
00:19:14,470 --> 00:19:12,880
in the laboratory pathology work

503
00:19:17,430 --> 00:19:14,480
molecular pathology stuff

504
00:19:18,070 --> 00:19:17,440
he'd actually been hired by the legal

505
00:19:20,950 --> 00:19:18,080
board

506
00:19:22,310 --> 00:19:20,960
to do the tests that were set out in

507
00:19:24,390 --> 00:19:22,320
this paper

508
00:19:26,230 --> 00:19:24,400
so there was only ever going to be one

509
00:19:29,110 --> 00:19:26,240
conclusion to this paper

510
00:19:31,270 --> 00:19:29,120
so the first thing he did was to when

511
00:19:32,870 --> 00:19:31,280
the children were tested for

512
00:19:34,950 --> 00:19:32,880
bowel inflammation because this was a

513
00:19:37,110 --> 00:19:34,960

bowel clinic they came back

514

00:19:38,630 --> 00:19:37,120

that bowel test came back normal because

515

00:19:39,270 --> 00:19:38,640

they didn't have inflammatory bowel

516

00:19:41,270 --> 00:19:39,280

disease

517

00:19:42,630 --> 00:19:41,280

and the doctors doing it it actually

518

00:19:45,990 --> 00:19:42,640

themselves published

519

00:19:46,950 --> 00:19:46,000

a paper on how you could uh detect those

520

00:19:48,870 --> 00:19:46,960

children or

521

00:19:51,110 --> 00:19:48,880

who were good candidates for

522

00:19:52,150 --> 00:19:51,120

colonoscopies colonoscopy terrible

523

00:19:54,870 --> 00:19:52,160

procedure if you're

524

00:19:55,590 --> 00:19:54,880

for a child um fraught with all kinds of

525

00:19:58,710 --> 00:19:55,600

risks

526

00:19:59,590 --> 00:19:58,720

the next thing was that uh wakefield in

527

00:20:02,710 --> 00:19:59,600

order to

528

00:20:03,430 --> 00:20:02,720

make his um syndrome that he was calling

529

00:20:06,230 --> 00:20:03,440

it

530

00:20:08,630 --> 00:20:06,240

manifest he claimed that they had

531

00:20:09,270 --> 00:20:08,640

non-specific colitis he claimed they had

532

00:20:10,789 --> 00:20:09,280

uh

533

00:20:13,029 --> 00:20:10,799

clinically significant bowel

534

00:20:13,750 --> 00:20:13,039

inflammation and we discovered that

535

00:20:15,590 --> 00:20:13,760

ultimately

536

00:20:17,590 --> 00:20:15,600

that the pathology department of the

537

00:20:19,110 --> 00:20:17,600

hospital and then a pathologist a senior

538

00:20:22,470 --> 00:20:19,120

pathologist in medical school

539

00:20:24,230 --> 00:20:22,480

found no inflammatory bowel disease

540

00:20:27,190 --> 00:20:24,240

he claimed that these children had

541

00:20:28,950 --> 00:20:27,200

swellings in their in their small bowels

542

00:20:31,270 --> 00:20:28,960

it turned out that these swellings which

543

00:20:33,510 --> 00:20:31,280

terrified the parents were in fact

544

00:20:34,470 --> 00:20:33,520

normal findings you find in children of

545

00:20:37,830 --> 00:20:34,480

that age and

546

00:20:39,990 --> 00:20:37,840

particularly where they were discovered

547

00:20:42,470 --> 00:20:40,000

in fact these children were a cohort of

548

00:20:45,669 --> 00:20:42,480

children who had

549

00:20:47,909 --> 00:20:45,679

constipation that was their overwhelming

550

00:20:49,590 --> 00:20:47,919

clinical problem constipation and that

551
00:20:51,510 --> 00:20:49,600
was never mentioned in the paper the

552
00:20:53,190 --> 00:20:51,520
normal blood tests were never mentioned

553
00:20:54,870 --> 00:20:53,200
the fact that children were constipated

554
00:20:57,110 --> 00:20:54,880
were never mentioned even though

555
00:20:57,909 --> 00:20:57,120
constipation is known to be associated

556
00:21:01,270 --> 00:20:57,919
with mild

557
00:21:03,190 --> 00:21:01,280
inflammatory changes and then and if

558
00:21:05,190 --> 00:21:03,200
that's not good enough for you if that

559
00:21:07,190 --> 00:21:05,200
wasn't good enough for wakefield

560
00:21:09,590 --> 00:21:07,200
trying to create the appearance of a

561
00:21:13,830 --> 00:21:09,600
link between the mmr vaccine

562
00:21:16,149 --> 00:21:13,840
and autism he changed the diagnoses

563
00:21:16,950 --> 00:21:16,159

of the children the behavioral diagnosis

564

00:21:20,870 --> 00:21:16,960

of children

565

00:21:24,310 --> 00:21:20,880

he changed them to autism some kids had

566

00:21:26,870 --> 00:21:24,320

asperger's syndrome one child just had

567

00:21:28,789 --> 00:21:26,880

fits and these are things that are not

568

00:21:29,990 --> 00:21:28,799

associated with what wakefield wanted

569

00:21:32,710 --> 00:21:30,000

what wafer wanted was

570

00:21:33,669 --> 00:21:32,720

regressive autism there's a particular

571

00:21:35,750 --> 00:21:33,679

kind of

572

00:21:36,870 --> 00:21:35,760

subgroup of children with autism who are

573

00:21:38,310 --> 00:21:36,880

about uh

574

00:21:40,710 --> 00:21:38,320

usually in the second year of life

575

00:21:42,390 --> 00:21:40,720

sometimes they it's usually about a

576

00:21:44,630 --> 00:21:42,400

third of

577

00:21:46,630 --> 00:21:44,640

children with autism diagnosis would

578

00:21:48,230 --> 00:21:46,640

regress they would lose skills they

579

00:21:49,430 --> 00:21:48,240

would appear to go backwards they would

580

00:21:51,110 --> 00:21:49,440

stop playing with their

581

00:21:53,190 --> 00:21:51,120

peers maybe they'd stop speaking or

582

00:21:54,710 --> 00:21:53,200

something like that he wanted to find

583

00:21:57,510 --> 00:21:54,720

regressive autism

584

00:21:58,390 --> 00:21:57,520

asperger's and fits that one of the kids

585

00:22:00,710 --> 00:21:58,400

had

586

00:22:02,789 --> 00:22:00,720

are not regressive but he changed

587

00:22:05,190 --> 00:22:02,799

wakefield changed diagnoses

588

00:22:06,630 --> 00:22:05,200

that were reached by uh specialist

589

00:22:09,470 --> 00:22:06,640

pediatricians right

590

00:22:11,350 --> 00:22:09,480

developmental pediatricians after

591

00:22:13,270 --> 00:22:11,360

multi-disciplinary assessments would

592

00:22:16,070 --> 00:22:13,280

come to a diagnosis

593

00:22:17,470 --> 00:22:16,080

wakefield who was a non-clinical

594

00:22:20,310 --> 00:22:17,480

academic

595

00:22:22,950 --> 00:22:20,320

gastroenterologist a former trainee

596

00:22:25,270 --> 00:22:22,960

surgeon doing laboratory work who had no

597

00:22:27,430 --> 00:22:25,280

clinical responsibility whatsoever he

598

00:22:30,549 --> 00:22:27,440

was as i described in my book

599

00:22:33,350 --> 00:22:30,559

the doctor who fooled the world he was a

600

00:22:34,470 --> 00:22:33,360

doctor without without patients yes he

601
00:22:37,750 --> 00:22:34,480
was a doctor without

602
00:22:40,710 --> 00:22:37,760
patients who changed the diagnoses

603
00:22:41,909 --> 00:22:40,720
that were reached by the clinicians so

604
00:22:44,149 --> 00:22:41,919
i've got parents

605
00:22:45,029 --> 00:22:44,159
from that study who took their children

606
00:22:47,590 --> 00:22:45,039
to that sta

607
00:22:49,350 --> 00:22:47,600
to that hospital for that study who in

608
00:22:52,710 --> 00:22:49,360
my book declare it to be

609
00:22:55,990 --> 00:22:52,720
fraudulent and a complete fabrication

610
00:22:56,230 --> 00:22:56,000
which it was sorry about all that but

611
00:22:59,830 --> 00:22:56,240
it's

612
00:23:03,510 --> 00:22:59,840
oh no that was very comprehensive

613
00:23:05,909 --> 00:23:03,520

oh absolutely excellent um

614

00:23:06,710 --> 00:23:05,919

i dare say the vast majority of our

615

00:23:10,310 --> 00:23:06,720

audience

616

00:23:11,270 --> 00:23:10,320

on the skeptic zone knows at least the

617

00:23:13,830 --> 00:23:11,280

bare bones

618

00:23:15,830 --> 00:23:13,840

as i said in the introduction earlier of

619

00:23:18,950 --> 00:23:15,840

the wakefield story but

620

00:23:21,830 --> 00:23:18,960

you've gone into it in such depth and

621

00:23:24,070 --> 00:23:21,840

obviously the investigation went for how

622

00:23:25,909 --> 00:23:24,080

long was it about 15 years

623

00:23:28,070 --> 00:23:25,919

well it wasn't the whole time i mean i

624

00:23:30,149 --> 00:23:28,080

did other things it's a bit sad if i

625

00:23:32,630 --> 00:23:30,159

if i just did this i had to stop and

626
00:23:33,430 --> 00:23:32,640
start because he sued me twice he sued

627
00:23:36,390 --> 00:23:33,440
me and

628
00:23:37,190 --> 00:23:36,400
the channel 4 network here in london he

629
00:23:40,149 --> 00:23:37,200
sued the

630
00:23:40,630 --> 00:23:40,159
uh british medical journal and me uh

631
00:23:42,549 --> 00:23:40,640
both

632
00:23:43,830 --> 00:23:42,559
cases were well one he abandoned the

633
00:23:46,310 --> 00:23:43,840
other one was thrown out

634
00:23:48,789 --> 00:23:46,320
so it stopped and started and the thing

635
00:23:50,149 --> 00:23:48,799
unraveled i i kind of describe it as

636
00:23:53,350 --> 00:23:50,159
like peeling the onion

637
00:23:55,029 --> 00:23:53,360
because at the heart of the time delay

638
00:23:56,630 --> 00:23:55,039

was a hearing by the uk's general

639

00:23:59,110 --> 00:23:56,640

medical council which

640

00:24:00,230 --> 00:23:59,120

uh held a an investigation they spent

641

00:24:02,070 --> 00:24:00,240

about a couple of years

642

00:24:03,269 --> 00:24:02,080

with their lawyers investigating what

643

00:24:05,269 --> 00:24:03,279

i'd reported

644

00:24:06,549 --> 00:24:05,279

and found it to be true and then it was

645

00:24:09,190 --> 00:24:06,559

brought forward to a

646

00:24:10,789 --> 00:24:09,200

public hearing which although there was

647

00:24:12,789 --> 00:24:10,799

only one journalist there and that was

648

00:24:14,710 --> 00:24:12,799

me went on for 217

649

00:24:17,269 --> 00:24:14,720

days which means it was longer than the

650

00:24:19,909 --> 00:24:17,279

trial of o.j simpson and that again

651
00:24:20,549 --> 00:24:19,919
delayed the whole thing so uh i was i

652
00:24:22,710 --> 00:24:20,559
wasn't

653
00:24:24,710 --> 00:24:22,720
laboring on this thing for all those

654
00:24:25,669 --> 00:24:24,720
years but uh it was spread out over that

655
00:24:27,990 --> 00:24:25,679
period of time

656
00:24:29,510 --> 00:24:28,000
the work was uh was fundamentally an

657
00:24:30,070 --> 00:24:29,520
investigation for the sunny times london

658
00:24:33,269 --> 00:24:30,080
with a

659
00:24:34,630 --> 00:24:33,279
a an extra a program i made for the

660
00:24:36,149 --> 00:24:34,640
channel 4 network then the british

661
00:24:38,870 --> 00:24:36,159
medical journal did a

662
00:24:40,549 --> 00:24:38,880
long series three pieces three long

663
00:24:41,430 --> 00:24:40,559

pieces then another piece and another

664

00:24:44,710 --> 00:24:41,440

piece

665

00:24:45,750 --> 00:24:44,720

and then finally the the full story is

666

00:24:47,669 --> 00:24:45,760

in the book so yeah

667

00:24:49,430 --> 00:24:47,679

and i tell you that book took two years

668

00:24:52,470 --> 00:24:49,440

to write because it was all

669

00:24:55,669 --> 00:24:52,480

referenced and then all the documents

670

00:24:57,750 --> 00:24:55,679

were prepared as pdfs and supplied to my

671

00:24:59,750 --> 00:24:57,760

publishers so they could check them

672

00:25:01,669 --> 00:24:59,760

because one of the things that wakefield

673

00:25:02,789 --> 00:25:01,679

does is to say always this is just this

674

00:25:04,950 --> 00:25:02,799

one person this

675

00:25:05,830 --> 00:25:04,960

journalist and and so on and so forth

676

00:25:07,669 --> 00:25:05,840

but it's not

677

00:25:09,590 --> 00:25:07,679

this work has been massively checked and

678

00:25:11,190 --> 00:25:09,600

now particularly by johns hopkins

679

00:25:11,909 --> 00:25:11,200

university press which is the lead

680

00:25:14,789 --> 00:25:11,919

publisher

681

00:25:15,430 --> 00:25:14,799

in north america and um scribe is the

682

00:25:18,549 --> 00:25:15,440

publisher

683

00:25:19,190 --> 00:25:18,559

in in australia and um the uk and new

684

00:25:21,909 --> 00:25:19,200

zealand

685

00:25:23,350 --> 00:25:21,919

yeah so you'd want to be absolutely 100

686

00:25:24,390 --> 00:25:23,360

certain that everything you are going to

687

00:25:27,110 --> 00:25:24,400

put in that book

688

00:25:28,870 --> 00:25:27,120

uh can be backed up and referenced

689

00:25:32,230 --> 00:25:28,880

especially given

690

00:25:38,789 --> 00:25:32,240

wakefield's propensity for

691

00:25:42,710 --> 00:25:41,350

that was part one of my interview with

692

00:25:46,549 --> 00:25:42,720

brian dear

693

00:25:48,710 --> 00:25:46,559

next week in part two brian talks about

694

00:25:49,990 --> 00:25:48,720

why wakefield left the royal free

695

00:25:52,789 --> 00:25:50,000

hospital

696

00:25:53,830 --> 00:25:52,799

conflicts of interest buying blood from

697

00:25:56,950 --> 00:25:53,840

children

698

00:25:59,269 --> 00:25:56,960

and some of his other investigations

699

00:26:00,149 --> 00:25:59,279

you can find a link to brian's book in

700

00:26:13,269 --> 00:26:00,159

this week's

701
00:26:17,350 --> 00:26:15,990
hi there i'm abhijeet and i host the

702
00:26:20,310 --> 00:26:17,360
rationable podcast

703
00:26:21,830 --> 00:26:20,320
on berationable.com every couple of

704
00:26:23,110 --> 00:26:21,840
weeks i science the hell out of

705
00:26:25,669 --> 00:26:23,120
alternative medicines

706
00:26:26,630 --> 00:26:25,679
health and nutrition fads social media

707
00:26:29,909 --> 00:26:26,640
forwards

708
00:26:32,310 --> 00:26:29,919
science news and lots more of course

709
00:26:34,230 --> 00:26:32,320
you can find all of my articles podcast

710
00:26:38,470 --> 00:26:34,240
episodes and lots more

711
00:26:45,560 --> 00:26:38,480
on www.berationable.com

712
00:27:06,320 --> 00:26:50,830
[Music]

713
00:27:09,830 --> 00:27:06,330

logical fallacies

714

00:27:12,630 --> 00:27:09,840

[Music]

715

00:27:14,470 --> 00:27:12,640

what are logical fallacies and why is it

716

00:27:17,110 --> 00:27:14,480

important that critical thinkers should

717

00:27:19,430 --> 00:27:17,120

know about them

718

00:27:21,110 --> 00:27:19,440

a logical fallacy is an error we can

719

00:27:23,110 --> 00:27:21,120

make in reasoning

720

00:27:27,430 --> 00:27:23,120

but it usually crops up when we are

721

00:27:31,830 --> 00:27:29,590

some people might even knowingly use

722

00:27:32,710 --> 00:27:31,840

them to try and score cheap points in an

723

00:27:35,990 --> 00:27:32,720

argument

724

00:27:38,549 --> 00:27:36,000

due to intellectual laziness

725

00:27:40,389 --> 00:27:38,559

they are traps we can fall into but if

726

00:27:42,470 --> 00:27:40,399

we know what to look out for

727

00:27:46,950 --> 00:27:42,480

we can spot them when they occur and

728

00:27:51,029 --> 00:27:49,830

this time we'll look at poisoning the

729

00:27:54,230 --> 00:27:51,039

well

730

00:27:56,549 --> 00:27:54,240

also known as smear tactics this is when

731

00:27:59,190 --> 00:27:56,559

you try to discredit your opponent

732

00:28:00,470 --> 00:27:59,200

or an institution especially in the

733

00:28:03,590 --> 00:28:00,480

minds of others

734

00:28:04,950 --> 00:28:03,600

before even entering into a debate or

735

00:28:08,070 --> 00:28:04,960

conversation

736

00:28:10,870 --> 00:28:08,080

this can take many forms and can be used

737

00:28:14,070 --> 00:28:10,880

in many situations

738

00:28:15,190 --> 00:28:14,080

casting doubt on people or ideas you

739

00:28:18,630 --> 00:28:15,200

don't agree with

740

00:28:20,149 --> 00:28:18,640

is hard to avoid but you shouldn't use

741

00:28:23,669 --> 00:28:20,159

it in place of a sound

742

00:28:25,590 --> 00:28:23,679

argument based on the points they raise

743

00:28:27,830 --> 00:28:25,600

thank you ladies and gentlemen for

744

00:28:30,789 --> 00:28:27,840

hearing my opening arguments

745

00:28:32,230 --> 00:28:30,799

now it's time for my opponent to try and

746

00:28:34,310 --> 00:28:32,240

give their side

747

00:28:36,870 --> 00:28:34,320

if nothing else let's hope they're at

748

00:28:40,470 --> 00:28:36,880

least entertaining

749

00:28:42,710 --> 00:28:40,480

not very polite or sporting here we have

750

00:28:44,149 --> 00:28:42,720

a case of someone trying to belittle

751
00:28:46,470 --> 00:28:44,159
their opponent

752
00:28:47,750 --> 00:28:46,480
and by extension the arguments they

753
00:28:50,230 --> 00:28:47,760
might use

754
00:28:51,669 --> 00:28:50,240
before even hearing what they have to

755
00:28:53,750 --> 00:28:51,679
say

756
00:28:55,909 --> 00:28:53,760
what you're thinking of applying for the

757
00:28:59,029 --> 00:28:55,919
skeptic's cash prize

758
00:29:01,269 --> 00:28:59,039
look i know your psychic powers are real

759
00:29:02,870 --> 00:29:01,279
but i wouldn't bother replying if i was

760
00:29:06,310 --> 00:29:02,880
you those skeptics

761
00:29:08,230 --> 00:29:06,320
are known to cheat as no one has ever

762
00:29:10,389 --> 00:29:08,240
claimed the prize

763
00:29:12,549 --> 00:29:10,399

the myth of the skeptics cheating when

764

00:29:14,070 --> 00:29:12,559

testing people for the cash prize is

765

00:29:16,549 --> 00:29:14,080

widespread

766

00:29:18,389 --> 00:29:16,559

it often comes about from disgruntled

767

00:29:22,470 --> 00:29:18,399

applicants

768

00:29:25,269 --> 00:29:22,480

who until now have always failed

769

00:29:26,789 --> 00:29:25,279

some honestly believe they were somehow

770

00:29:28,950 --> 00:29:26,799

cheated out of the money

771

00:29:31,190 --> 00:29:28,960

and will warn others who might want to

772

00:29:34,389 --> 00:29:31,200

apply

773

00:29:36,549 --> 00:29:34,399

in reality skeptical groups go to great

774

00:29:39,669 --> 00:29:36,559

lengths to make sure the tests are

775

00:29:42,070 --> 00:29:39,679

fair and honest for all concerned

776

00:29:43,190 --> 00:29:42,080

so to argue that skeptics are going to

777

00:29:45,350 --> 00:29:43,200

cheat you

778

00:29:46,230 --> 00:29:45,360

or set you up to fail if you are a

779

00:29:48,789 --> 00:29:46,240

psychic

780

00:29:50,789 --> 00:29:48,799

just poisons any possibility of

781

00:29:54,149 --> 00:29:50,799

constructive dialogue about

782

00:29:56,389 --> 00:29:54,159

testing extraordinary claims

783

00:29:57,269 --> 00:29:56,399

at the start of the pandemic those

784

00:30:00,549 --> 00:29:57,279

government

785

00:30:00,870 --> 00:30:00,559

so-called medical experts told us that

786

00:30:04,710 --> 00:30:00,880

we

787

00:30:06,950 --> 00:30:04,720

saying that

788

00:30:07,990 --> 00:30:06,960

we do they clearly don't know what

789

00:30:11,029 --> 00:30:08,000

they're talking about with

790

00:30:11,990 --> 00:30:11,039

their chopping and changing you're not

791

00:30:15,590 --> 00:30:12,000

going to get real

792

00:30:17,510 --> 00:30:15,600

information from them so if i were you

793

00:30:19,590 --> 00:30:17,520

i wouldn't even bother listening to

794

00:30:20,149 --> 00:30:19,600

their advice about getting vaccinated

795

00:30:23,269 --> 00:30:20,159

against

796

00:30:25,590 --> 00:30:23,279

covert 19 in the future

797

00:30:27,110 --> 00:30:25,600

here we have a case of casting doubt on

798

00:30:29,990 --> 00:30:27,120

a future vaccine

799

00:30:31,669 --> 00:30:30,000

based on actions taken early on in the

800

00:30:35,190 --> 00:30:31,679

pandemic

801
00:30:37,110 --> 00:30:35,200
in this scenario the medical authorities

802
00:30:38,870 --> 00:30:37,120
who are the proponents of a future

803
00:30:42,310 --> 00:30:38,880
vaccine are being

804
00:30:45,430 --> 00:30:42,320
preemptively attacked the science

805
00:30:47,909 --> 00:30:45,440
and our understanding of covert 19 is

806
00:30:50,950 --> 00:30:47,919
unfolding before our eyes

807
00:30:52,470 --> 00:30:50,960
and medical advice is given on the basis

808
00:30:55,909 --> 00:30:52,480
of the latest known

809
00:30:58,870 --> 00:30:55,919
information at any given time

810
00:30:59,590 --> 00:30:58,880
this is how science works it is not a

811
00:31:05,750 --> 00:30:59,600
linear

812
00:31:07,830 --> 00:31:05,760
neat process

813
00:31:10,630 --> 00:31:07,840

poisoning the well is something that can

814

00:31:12,950 --> 00:31:10,640

happen before we even know it

815

00:31:13,669 --> 00:31:12,960

if you have a low opinion of your

816

00:31:16,950 --> 00:31:13,679

opponent

817

00:31:19,110 --> 00:31:16,960

or their point of view or maybe even you

818

00:31:21,909 --> 00:31:19,120

are ignorant of the issue

819

00:31:24,230 --> 00:31:21,919

it's all too easy for your emotions to

820

00:31:30,830 --> 00:31:24,240

get the better of you

821

00:31:30,840 --> 00:31:34,389

hand

822

00:31:37,430 --> 00:31:36,470

knowing a logical fallacy when you hear

823

00:31:40,230 --> 00:31:37,440

one and

824

00:31:42,710 --> 00:31:40,240

even knowing its name is important when

825

00:31:46,149 --> 00:31:42,720

arguing your point of view

826

00:31:48,549 --> 00:31:46,159

however you may come across as arrogant

827

00:31:49,350 --> 00:31:48,559

and not get very far if you call it out

828

00:31:51,669 --> 00:31:49,360

by name

829

00:31:53,750 --> 00:31:51,679

to your opponent when you hear it being

830

00:31:56,310 --> 00:31:53,760

used

831

00:31:57,110 --> 00:31:56,320

if your opponent calls you out for using

832

00:31:59,350 --> 00:31:57,120

one

833

00:32:02,389 --> 00:31:59,360

it's time to stop and think about how

834

00:32:04,549 --> 00:32:02,399

you are making your case

835

00:32:05,750 --> 00:32:04,559

use your knowledge of logical fallacies

836

00:32:08,470 --> 00:32:05,760

wisely

837

00:32:09,750 --> 00:32:08,480

and remember that even if your point of

838

00:32:12,070 --> 00:32:09,760

view is right

839

00:32:13,350 --> 00:32:12,080

and you know all the pitfalls in arguing

840

00:32:15,830 --> 00:32:13,360

your case

841

00:32:16,950 --> 00:32:15,840

it doesn't always mean you'll win on the

842

00:32:20,310 --> 00:32:16,960

day

843

00:32:22,860 --> 00:32:20,320

and as skeptics we must also remember

844

00:32:25,909 --> 00:32:22,870

that we too can be wrong at times

845

00:32:27,669 --> 00:32:25,919

[Music]

846

00:32:41,590 --> 00:32:27,679

i'm michelle bickersma from the vic

847

00:32:45,190 --> 00:32:43,190

are you looking for a science-based

848

00:32:46,870 --> 00:32:45,200

medical podcast to answer all your

849

00:32:49,430 --> 00:32:46,880

questions about health

850

00:32:50,710 --> 00:32:49,440

check out the body of evidence whether

851
00:32:52,470 --> 00:32:50,720
you're curious about the potential

852
00:32:55,669 --> 00:32:52,480
benefits of omega-3s

853
00:32:55,990 --> 00:32:55,679
or the potential risks of vaping we take

854
00:32:57,909 --> 00:32:56,000
a look

855
00:32:59,029 --> 00:32:57,919
at the body of evidence to separate the

856
00:33:02,630 --> 00:32:59,039
noise the hype

857
00:33:04,549 --> 00:33:02,640
the lies from actual scientific rigor

858
00:33:05,750 --> 00:33:04,559
we do it with comedy skits the only

859
00:33:07,029 --> 00:33:05,760
logical thing to do is for me to take

860
00:33:09,190 --> 00:33:07,039
off all my clothes

861
00:33:11,029 --> 00:33:09,200
and run into the streets no remember the

862
00:33:12,149 --> 00:33:11,039
first rule of podcasting always keep

863
00:33:14,950 --> 00:33:12,159

your pants on

864

00:33:18,149 --> 00:33:14,960

with jingles

865

00:33:20,230 --> 00:33:18,159

[Music]

866

00:33:22,070 --> 00:33:20,240

and by you know discussing what the

867

00:33:23,750 --> 00:33:22,080

evidence has to say on the topic at hand

868

00:33:26,310 --> 00:33:23,760

or less that is a pill

869

00:33:27,990 --> 00:33:26,320

but yeah it has it has the side effects

870

00:33:29,750 --> 00:33:28,000

of bloating gas and greasy stool which

871

00:33:30,549 --> 00:33:29,760

makes it very unpleasant the body of

872

00:33:35,029 --> 00:33:30,559

evidence

873

00:33:37,750 --> 00:33:35,039

your favorite podcast app

874

00:33:38,870 --> 00:33:37,760

the body of evidence medicine that

875

00:33:52,230 --> 00:33:38,880

tastes funny

876

00:33:55,710 --> 00:33:52,240

and science made easy

877

00:33:58,470 --> 00:33:55,720

and now a reading from the book of tim

878

00:34:05,990 --> 00:33:58,480

[Music]

879

00:34:07,990 --> 00:34:06,000

with tim menden

880

00:34:09,190 --> 00:34:08,000

hi my name is tim mendem i'm the

881

00:34:11,430 --> 00:34:09,200

executive officer

882

00:34:13,510 --> 00:34:11,440

of australian skeptics inc and editor of

883

00:34:15,510 --> 00:34:13,520

our magazine the skeptic

884

00:34:17,589 --> 00:34:15,520

and today i'm reading from the section

885

00:34:21,430 --> 00:34:17,599

called what goes around

886

00:34:24,550 --> 00:34:21,440

the skeptic published in march 2017

887

00:34:27,030 --> 00:34:24,560

volume 37 number one

888

00:34:28,310 --> 00:34:27,040

and what goes around is a short column

889

00:34:30,230 --> 00:34:28,320

in the regular feature

890

00:34:32,069 --> 00:34:30,240

in the magazine in which we start off

891

00:34:32,790 --> 00:34:32,079

with a particular fact and work our way

892

00:34:35,109 --> 00:34:32,800

around

893

00:34:36,389 --> 00:34:35,119

and end up back where we started from

894

00:34:39,109 --> 00:34:36,399

which shows that uh

895

00:34:40,629 --> 00:34:39,119

the almost inevitable realization that

896

00:34:43,109 --> 00:34:40,639

all knowledge is connected

897

00:34:44,389 --> 00:34:43,119

and connectable this time we're looking

898

00:34:52,550 --> 00:34:44,399

at fires

899

00:34:55,589 --> 00:34:54,710

we start off with a section called hot

900

00:34:58,470 --> 00:34:55,599

footing at

901
00:35:00,470 --> 00:34:58,480
haha ordeal by fire was initially

902
00:35:02,310 --> 00:35:00,480
regarded as a form of torture

903
00:35:03,990 --> 00:35:02,320
though it is more commonly defined today

904
00:35:05,430 --> 00:35:04,000
as a test of faith

905
00:35:07,430 --> 00:35:05,440
or as a particularly nasty and

906
00:35:09,829 --> 00:35:07,440
confrontational experience

907
00:35:11,670 --> 00:35:09,839
as a test it typically required that the

908
00:35:14,870 --> 00:35:11,680
accused walk a certain distance

909
00:35:17,829 --> 00:35:14,880
usually 2.7 metres over red hot

910
00:35:19,990 --> 00:35:17,839
plowshares or holding a red-hot iron

911
00:35:21,829 --> 00:35:20,000
a bit like modern-day firewalkers really

912
00:35:23,589 --> 00:35:21,839
innocence was sometimes established by a

913
00:35:27,030 --> 00:35:23,599

complete lack of injury

914

00:35:29,829 --> 00:35:27,040

in 1498 dominican friar

915

00:35:32,390 --> 00:35:29,839

girolimo savannah roller who was the

916

00:35:34,550 --> 00:35:32,400

leader of a reform movement in florence

917

00:35:35,510 --> 00:35:34,560

who claimed apocalyptic prophetic

918

00:35:37,430 --> 00:35:35,520

visions

919

00:35:39,750 --> 00:35:37,440

attempted to prove the divine sanction

920

00:35:40,870 --> 00:35:39,760

of his mission by undergoing a trial by

921

00:35:43,349 --> 00:35:40,880

fire

922

00:35:45,510 --> 00:35:43,359

the trial was a fiasco since a sudden

923

00:35:47,349 --> 00:35:45,520

downpour doused the flames

924

00:35:49,670 --> 00:35:47,359

cancelling the event and this was taken

925

00:35:54,109 --> 00:35:49,680

by onlookers as a sign from god

926
00:35:56,870 --> 00:35:54,119
against him now savannah roller

927
00:35:58,069 --> 00:35:56,880
1452-1498 was known for his prophecies

928
00:35:59,990 --> 00:35:58,079
of civic glory

929
00:36:02,230 --> 00:36:00,000
the destruction of secular art and

930
00:36:05,589 --> 00:36:02,240
culture and his calls for a christian

931
00:36:08,069 --> 00:36:05,599
renewal he denounced clerical corruption

932
00:36:09,430 --> 00:36:08,079
despotic rule and the exploitation of

933
00:36:11,270 --> 00:36:09,440
the poor

934
00:36:12,790 --> 00:36:11,280
he prophesied the coming of a biblical

935
00:36:15,349 --> 00:36:12,800
flood and a new

936
00:36:16,950 --> 00:36:15,359
cyrus from the north who would reform

937
00:36:19,109 --> 00:36:16,960
the church

938
00:36:20,310 --> 00:36:19,119

cyrus was of course a persian leader of

939

00:36:23,670 --> 00:36:20,320

one state

940

00:36:25,589 --> 00:36:23,680

in september 1494 when charles viii of

941

00:36:26,470 --> 00:36:25,599

france invaded italy and threatened

942

00:36:28,470 --> 00:36:26,480

florence

943

00:36:29,910 --> 00:36:28,480

such prophecies seemed on the verge of

944

00:36:33,430 --> 00:36:29,920

fulfillment

945

00:36:35,750 --> 00:36:33,440

in 1495 when florence refused to join

946

00:36:37,190 --> 00:36:35,760

pope alexander the sixth holy league

947

00:36:39,270 --> 00:36:37,200

against the french

948

00:36:41,270 --> 00:36:39,280

the vatican summoned savannah roller to

949

00:36:43,270 --> 00:36:41,280

rome he disobeyed

950

00:36:45,910 --> 00:36:43,280

and defied the pope by preaching under a

951
00:36:47,510 --> 00:36:45,920
ban highlighting his reform campaign

952
00:36:50,550 --> 00:36:47,520
with processions

953
00:36:52,470 --> 00:36:50,560
pious theatricals and bonfires of the

954
00:36:57,349 --> 00:36:52,480
vanities

955
00:36:59,430 --> 00:36:57,359
intelligently fallo de la vanita

956
00:37:01,829 --> 00:36:59,440
is a burning of objects condemned by

957
00:37:03,990 --> 00:37:01,839
authorities as occasions of sin

958
00:37:06,630 --> 00:37:04,000
the phrase usually refers to the bonfire

959
00:37:08,390 --> 00:37:06,640
of 7th of february 1497

960
00:37:10,069 --> 00:37:08,400
when supporters of savannah roller

961
00:37:12,550 --> 00:37:10,079
collected and publicly burned

962
00:37:13,109 --> 00:37:12,560
thousands of objects such as cosmetics

963
00:37:15,270 --> 00:37:13,119

art

964

00:37:16,950 --> 00:37:15,280

and books influence on the mardi gras

965

00:37:19,030 --> 00:37:16,960

festival

966

00:37:20,150 --> 00:37:19,040

such bonfires were not invented by

967

00:37:22,230 --> 00:37:20,160

savannah roller

968

00:37:24,790 --> 00:37:22,240

but had been a common accompaniment to

969

00:37:27,430 --> 00:37:24,800

the outdoor sermons of san bernardino d

970

00:37:29,430 --> 00:37:27,440

siena in the first half of the century

971

00:37:31,510 --> 00:37:29,440

the focus of this destruction was

972

00:37:32,550 --> 00:37:31,520

nominally on objects that might tempt

973

00:37:34,470 --> 00:37:32,560

one to sin

974

00:37:35,589 --> 00:37:34,480

including books that were deemed to be

975

00:37:38,069 --> 00:37:35,599

immoral

976
00:37:38,950 --> 00:37:38,079
manuscripts of secular songs artworks

977
00:37:41,589 --> 00:37:38,960
paintings

978
00:37:42,550 --> 00:37:41,599
sculpture and in this case the works of

979
00:37:47,990 --> 00:37:42,560
giovanni

980
00:37:50,870 --> 00:37:48,000
boccaccio picachio 1313-1375

981
00:37:52,470 --> 00:37:50,880
was an italian writer poet and humanist

982
00:37:53,190 --> 00:37:52,480
he wrote a number of notable works

983
00:37:56,390 --> 00:37:53,200
including the

984
00:37:59,030 --> 00:37:56,400
cameron and the geniologia de oro

985
00:38:00,870 --> 00:37:59,040
gentilium which is the genealogy of the

986
00:38:02,470 --> 00:38:00,880
pagan gods

987
00:38:04,150 --> 00:38:02,480
which remains the most comprehensive

988
00:38:07,670 --> 00:38:04,160

guide to pagan mythology

989

00:38:08,230 --> 00:38:07,680

for 200 years the late medieval scots

990

00:38:13,230 --> 00:38:08,240

bishop

991

00:38:17,829 --> 00:38:15,829

1474-1522 was a particular fan of

992

00:38:20,230 --> 00:38:17,839

picaccio

993

00:38:21,510 --> 00:38:20,240

quote but those who laugh at this or

994

00:38:24,950 --> 00:38:21,520

shake their heads

995

00:38:27,430 --> 00:38:24,960

go read bokace in the genealogy of gods

996

00:38:28,870 --> 00:38:27,440

his two last books will remedy their

997

00:38:31,589 --> 00:38:28,880

delusion

998

00:38:32,630 --> 00:38:31,599

douglas matriculated and attained his

999

00:38:35,589 --> 00:38:32,640

master's degree

1000

00:38:37,190 --> 00:38:35,599

at saint andrews university in fife

1001

00:38:40,069 --> 00:38:37,200

named after the patron saint

1002

00:38:41,910 --> 00:38:40,079

of scotland said andrew early first

1003

00:38:43,910 --> 00:38:41,920

century of the current era

1004

00:38:47,589 --> 00:38:43,920

after whom the university and the famous

1005

00:38:50,069 --> 00:38:47,599

golfing town is named had a white cross

1006

00:38:51,829 --> 00:38:50,079

the white saltier as a symbol of the

1007

00:38:53,670 --> 00:38:51,839

cross on which he was crucified

1008

00:38:56,470 --> 00:38:53,680

the saint andrews cross on the scottish

1009

00:38:59,430 --> 00:38:56,480

flag is incorporated in the union jack

1010

00:39:01,190 --> 00:38:59,440

andrew also known as andrew the apostle

1011

00:39:02,470 --> 00:39:01,200

is also a patron saint of many countries

1012

00:39:05,750 --> 00:39:02,480

and towns

1013

00:39:08,870 --> 00:39:05,760

including barbados romania russia

1014

00:39:10,550 --> 00:39:08,880

ukraine prussia amalfi in italy and

1015

00:39:12,069 --> 00:39:10,560

patras in greece

1016

00:39:14,950 --> 00:39:12,079

he is considered the founder and the

1017

00:39:17,270 --> 00:39:14,960

first bishop of the church of byzantium

1018

00:39:18,390 --> 00:39:17,280

and is consequently the patron saint of

1019

00:39:22,230 --> 00:39:18,400

the ecumenical

1020

00:39:24,310 --> 00:39:22,240

patriarchate of constantinople

1021

00:39:26,390 --> 00:39:24,320

byzantium was the center or launching

1022

00:39:26,870 --> 00:39:26,400

place for much of the activity of the

1023

00:39:30,230 --> 00:39:26,880

three

1024

00:39:32,069 --> 00:39:30,240

medieval crusades which ran from 1095 to

1025

00:39:34,150 --> 00:39:32,079

1291

1026
00:39:36,550 --> 00:39:34,160
said andrew featured prominently in the

1027
00:39:38,710 --> 00:39:36,560
visions of peter bartholomew

1028
00:39:40,710 --> 00:39:38,720
a soldier and mystic from france who was

1029
00:39:43,910 --> 00:39:40,720
part of the first crusade

1030
00:39:45,910 --> 00:39:43,920
in december 1097 peter claims and andrew

1031
00:39:48,310 --> 00:39:45,920
took him to the church of saint peter

1032
00:39:51,430 --> 00:39:48,320
inside antioch and showed him where the

1033
00:39:53,589 --> 00:39:51,440
relic of the holy lands could be found

1034
00:39:56,630 --> 00:39:53,599
the lance was supposedly the instrument

1035
00:39:58,630 --> 00:39:56,640
that pierced christ's side on the cross

1036
00:39:59,750 --> 00:39:58,640
accusations later arose that peter had

1037
00:40:02,230 --> 00:39:59,760
faked the vision

1038
00:40:03,190 --> 00:40:02,240

and planted the lance to prove his

1039

00:40:04,870 --> 00:40:03,200

innocence

1040

00:40:06,390 --> 00:40:04,880

peter voluntarily went through the

1041

00:40:10,069 --> 00:40:06,400

ordeal of fire

1042

00:40:12,550 --> 00:40:10,079

in 1099 he died

1043

00:40:15,520 --> 00:40:12,560

as a result of his injuries which brings

1044

00:40:18,230 --> 00:40:15,530

us back to where we started

1045

00:40:20,150 --> 00:40:18,240

[Music]

1046

00:40:22,710 --> 00:40:20,160

that was tim mendenham australian

1047

00:40:26,150 --> 00:40:22,720

skeptics reading from the skeptic

1048

00:40:28,510 --> 00:40:26,160

march 2017 and don't forget you can

1049

00:40:29,910 --> 00:40:28,520

always read the skeptic on our website

1050

00:40:31,589 --> 00:40:29,920

skeptics.com.iu

1051

00:40:33,750 --> 00:40:31,599

all the issues apart from the most

1052

00:40:34,950 --> 00:40:33,760

recent four ones which you can download

1053

00:40:38,960 --> 00:40:34,960

for free

1054

00:40:51,190 --> 00:40:38,970

including this issue

1055

00:40:54,790 --> 00:40:53,589

hi this is rob palmer i write the

1056

00:40:57,829 --> 00:40:54,800

well-known skeptic

1057

00:40:59,190 --> 00:40:57,839

column in skeptical inquire online and

1058

00:41:01,270 --> 00:40:59,200

i'm a team member of the gorilla

1059

00:41:04,550 --> 00:41:01,280

skeptics and wikipedia project

1060

00:41:05,589 --> 00:41:04,560

gsow but you find folks may know me

1061

00:41:07,670 --> 00:41:05,599

because i contributed

1062

00:41:09,030 --> 00:41:07,680

segments for several episodes of this

1063

00:41:11,829 --> 00:41:09,040

podcast

1064

00:41:15,109 --> 00:41:11,839

check out my interviews from cycon 2019

1065

00:41:17,510 --> 00:41:15,119

starting with episode 576

1066

00:41:19,190 --> 00:41:17,520

so here's a little known fact all of my

1067

00:41:21,349 --> 00:41:19,200

skeptical activism stems from

1068

00:41:24,790 --> 00:41:21,359

discovering the skeptic zone

1069

00:41:27,190 --> 00:41:24,800

yep i first heard of the gsow project

1070

00:41:28,550 --> 00:41:27,200

right here back in 2012 due to richard's

1071

00:41:30,230 --> 00:41:28,560

selfless support of it

1072

00:41:32,870 --> 00:41:30,240

and other skeptical activities around

1073

00:41:34,790 --> 00:41:32,880

the world i can honestly say

1074

00:41:36,710 --> 00:41:34,800

i'd likely still be a skeptical couch

1075

00:41:40,069 --> 00:41:36,720

potato if i hadn't discovered

1076
00:41:40,710 --> 00:41:40,079
this podcast so besides giving back to

1077
00:41:43,190 --> 00:41:40,720
the zone

1078
00:41:44,790 --> 00:41:43,200
by contributing occasional segments i

1079
00:41:47,349 --> 00:41:44,800
contribute to the success of the show

1080
00:41:49,349 --> 00:41:47,359
with ongoing monthly micropayments

1081
00:41:50,470 --> 00:41:49,359
and i'm asking you to consider doing the

1082
00:41:52,470 --> 00:41:50,480
same

1083
00:41:53,589 --> 00:41:52,480
you can do that by following the patreon

1084
00:41:57,030 --> 00:41:53,599
or paypal links

1085
00:41:58,150 --> 00:41:57,040
at skepticzone.tv every donation

1086
00:42:03,330 --> 00:41:58,160
supports the show

1087
00:42:14,829 --> 00:42:03,340
and richard will really appreciate it

1088
00:42:14,839 --> 00:42:18,550

so

1089

00:42:22,630 --> 00:42:20,710

now it's time once again to dive into

1090

00:42:26,150 --> 00:42:22,640

the treasure trove

1091

00:42:28,230 --> 00:42:26,160

and that is trove now trove is the

1092

00:42:30,710 --> 00:42:28,240

online resource made by the australian

1093

00:42:31,990 --> 00:42:30,720

government and the national library of

1094

00:42:35,589 --> 00:42:32,000

australia

1095

00:42:38,470 --> 00:42:35,599

it's trove.nla.gov dot eu

1096

00:42:41,190 --> 00:42:38,480

and it's hundreds thousands of digitized

1097

00:42:44,550 --> 00:42:41,200

newspapers magazines and periodicals

1098

00:42:48,069 --> 00:42:44,560

going back many many years

1099

00:42:52,280 --> 00:42:48,079

and this week i thought i would

1100

00:42:56,150 --> 00:42:52,290

do a search on the term haunted house

1101
00:43:00,069 --> 00:42:59,510
and we find ourselves reading the sunday

1102
00:43:04,710 --> 00:43:00,079
times

1103
00:43:07,900 --> 00:43:04,720
from the 11th of august 1901

1104
00:43:10,950 --> 00:43:07,910
sydney's haunted houses

1105
00:43:13,910 --> 00:43:10,960
[Music]

1106
00:43:15,030 --> 00:43:13,920
i do not know of my own knowledge as the

1107
00:43:17,910 --> 00:43:15,040
lawyers say

1108
00:43:19,190 --> 00:43:17,920
that sydney has many haunted houses or

1109
00:43:21,910 --> 00:43:19,200
what are regarded

1110
00:43:22,950 --> 00:43:21,920
as haunted houses although i have heard

1111
00:43:25,750 --> 00:43:22,960
a number

1112
00:43:26,950 --> 00:43:25,760
however i am out today to write of one

1113
00:43:30,470 --> 00:43:26,960

house that some

1114

00:43:33,510 --> 00:43:30,480

people say is haunted and that i know

1115

00:43:35,109 --> 00:43:33,520

something about having lived in it for a

1116

00:43:37,270 --> 00:43:35,119

year or so

1117

00:43:39,829 --> 00:43:37,280

of course the whole question as to

1118

00:43:42,950 --> 00:43:39,839

whether i believe in ghost is at once

1119

00:43:45,190 --> 00:43:42,960

involved in this i must plead

1120

00:43:46,309 --> 00:43:45,200

that i endeavor to keep an open mind on

1121

00:43:48,470 --> 00:43:46,319

the subject

1122

00:43:49,670 --> 00:43:48,480

i cannot say either i believe or

1123

00:43:52,790 --> 00:43:49,680

disbelieve in them

1124

00:43:54,790 --> 00:43:52,800

but certainly i have had a few strange

1125

00:43:58,309 --> 00:43:54,800

experiences that

1126
00:44:00,790 --> 00:43:58,319
had they fallen to others would perhaps

1127
00:44:02,630 --> 00:44:00,800
have entirely convinced them of the

1128
00:44:05,670 --> 00:44:02,640
existence of these

1129
00:44:08,470 --> 00:44:05,680
much discussed alleged

1130
00:44:09,510 --> 00:44:08,480
visitors some of the strange experiences

1131
00:44:12,309 --> 00:44:09,520
i have had

1132
00:44:12,790 --> 00:44:12,319
occurred in the house just alluded to

1133
00:44:16,470 --> 00:44:12,800
and

1134
00:44:20,069 --> 00:44:16,480
they may prove interesting someone

1135
00:44:21,990 --> 00:44:20,079
bending over them in the dead of night

1136
00:44:23,910 --> 00:44:22,000
the house in question is one of two

1137
00:44:26,630 --> 00:44:23,920
stories and after

1138
00:44:27,270 --> 00:44:26,640

a time my family occupied only the lower

1139

00:44:29,270 --> 00:44:27,280

portion

1140

00:44:30,309 --> 00:44:29,280

for the reason that those who slept

1141

00:44:32,309 --> 00:44:30,319

upstairs

1142

00:44:34,150 --> 00:44:32,319

when first we went into the house

1143

00:44:37,270 --> 00:44:34,160

eventually declined

1144

00:44:40,950 --> 00:44:37,280

to continue doing so one of these was

1145

00:44:42,309 --> 00:44:40,960

the maid who declared that her slumbers

1146

00:44:44,309 --> 00:44:42,319

were disturbed

1147

00:44:46,550 --> 00:44:44,319

she would wake up and see a person

1148

00:44:48,630 --> 00:44:46,560

leaning over her bed

1149

00:44:50,069 --> 00:44:48,640

she described the figure which appeared

1150

00:44:52,710 --> 00:44:50,079

just like an ordinary living

1151
00:44:53,270 --> 00:44:52,720
being though there were no resemblance

1152
00:44:56,790 --> 00:44:53,280
between

1153
00:44:59,270 --> 00:44:56,800
it and anyone residing in the house

1154
00:45:01,030 --> 00:44:59,280
or in the neighborhood for that matter

1155
00:45:02,950 --> 00:45:01,040
another of those who asked to be

1156
00:45:04,550 --> 00:45:02,960
excused from sleeping upstairs was a

1157
00:45:07,349 --> 00:45:04,560
child of twelve

1158
00:45:09,589 --> 00:45:07,359
this child claimed to have been visited

1159
00:45:12,230 --> 00:45:09,599
in the same way as the maid

1160
00:45:13,349 --> 00:45:12,240
and described the visitant the

1161
00:45:17,270 --> 00:45:13,359
descriptions

1162
00:45:18,630 --> 00:45:17,280
tallied exactly of course we all

1163
00:45:20,390 --> 00:45:18,640

pooh-poohed the stories

1164

00:45:22,150 --> 00:45:20,400

said they were dreaming and the usual

1165

00:45:24,710 --> 00:45:22,160

things that are said

1166

00:45:26,790 --> 00:45:24,720

under such circumstances but they

1167

00:45:29,670 --> 00:45:26,800

adhered to their stories

1168

00:45:30,630 --> 00:45:29,680

and both the maid and the child were

1169

00:45:33,430 --> 00:45:30,640

evidently

1170

00:45:35,109 --> 00:45:33,440

much impressed a deceased person

1171

00:45:38,230 --> 00:45:35,119

described

1172

00:45:40,309 --> 00:45:38,240

it was months after that that we heard

1173

00:45:42,069 --> 00:45:40,319

that several persons had died in the

1174

00:45:45,190 --> 00:45:42,079

house one of whom

1175

00:45:46,870 --> 00:45:45,200

exactly matched the description given by

1176

00:45:49,990 --> 00:45:46,880

those who declared

1177

00:45:53,030 --> 00:45:50,000

they had seen the nocturnal visitor

1178

00:45:54,550 --> 00:45:53,040

it was suggested that the maid had heard

1179

00:45:57,030 --> 00:45:54,560

gossip in the neighborhood

1180

00:45:57,990 --> 00:45:57,040

and had imagined the rest but this she

1181

00:46:01,109 --> 00:45:58,000

denied

1182

00:46:03,109 --> 00:46:01,119

moreover neither i nor my wife had heard

1183

00:46:05,829 --> 00:46:03,119

any story in relation to this

1184

00:46:07,030 --> 00:46:05,839

apparition although there was supposed

1185

00:46:10,150 --> 00:46:07,040

to be

1186

00:46:13,109 --> 00:46:10,160

something strange about the house

1187

00:46:14,230 --> 00:46:13,119

the customary laughing away of fears

1188

00:46:18,069 --> 00:46:14,240

took place

1189

00:46:18,950 --> 00:46:18,079

whenever anything in this connection was

1190

00:46:22,950 --> 00:46:18,960

mentioned

1191

00:46:26,150 --> 00:46:22,960

but there was no shaking the testimony

1192

00:46:28,710 --> 00:46:26,160

of the principal witnesses my

1193

00:46:29,589 --> 00:46:28,720

own personal experiences in that house

1194

00:46:32,710 --> 00:46:29,599

did not come

1195

00:46:33,190 --> 00:46:32,720

until some time after to say they did

1196

00:46:36,790 --> 00:46:33,200

not

1197

00:46:39,030 --> 00:46:36,800

true

1198

00:46:40,950 --> 00:46:39,040

nevertheless we continued to live in

1199

00:46:44,150 --> 00:46:40,960

their house and no one was

1200

00:46:47,670 --> 00:46:44,160

seriously troubled by fear

1201

00:46:49,750 --> 00:46:47,680

invisible feet on the stairs

1202

00:46:51,430 --> 00:46:49,760

one of the peculiar things about their

1203

00:46:54,390 --> 00:46:51,440

house was that we

1204

00:46:56,150 --> 00:46:54,400

could hear noises on the stairs as

1205

00:46:59,109 --> 00:46:56,160

though someone were walking

1206

00:46:59,510 --> 00:46:59,119

up and down we explained to one another

1207

00:47:01,829 --> 00:46:59,520

that

1208

00:47:03,109 --> 00:47:01,839

of course the noises were created by

1209

00:47:06,309 --> 00:47:03,119

quite natural means

1210

00:47:06,790 --> 00:47:06,319

and they may have been but there was no

1211

00:47:09,589 --> 00:47:06,800

direct

1212

00:47:11,109 --> 00:47:09,599

evidence on the point we speculated a

1213

00:47:14,230 --> 00:47:11,119

good deal but

1214

00:47:15,190 --> 00:47:14,240

could never get an entirely satisfactory

1215

00:47:18,069 --> 00:47:15,200

theory

1216

00:47:19,510 --> 00:47:18,079

however we were not too much distracted

1217

00:47:21,990 --> 00:47:19,520

by these noises

1218

00:47:22,950 --> 00:47:22,000

nor by one or two other strange

1219

00:47:26,309 --> 00:47:22,960

sensations

1220

00:47:28,710 --> 00:47:26,319

experienced i was personally troubled by

1221

00:47:29,750 --> 00:47:28,720

an extraordinary feeling of chill that

1222

00:47:32,790 --> 00:47:29,760

attacked me

1223

00:47:35,270 --> 00:47:32,800

on one side when in bed

1224

00:47:36,549 --> 00:47:35,280

the side of the bed on which i slept was

1225

00:47:39,829 --> 00:47:36,559

along the wall

1226

00:47:42,549 --> 00:47:39,839

from which hung a bell rope

1227

00:47:44,790 --> 00:47:42,559

i at first thought the proximity of the

1228

00:47:48,470 --> 00:47:44,800

wall accounted for the chill

1229

00:47:51,109 --> 00:47:48,480

but the wall was not damp and no amount

1230

00:47:52,230 --> 00:47:51,119

of bed clothes or rugs placed between my

1231

00:47:55,510 --> 00:47:52,240

body and the wall

1232

00:47:58,630 --> 00:47:55,520

checked the cold feeling it was

1233

00:48:01,910 --> 00:47:58,640

as though some chilled body

1234

00:48:04,549 --> 00:48:01,920

lay next to mine my left side

1235

00:48:05,510 --> 00:48:04,559

and the sensation was distinctly

1236

00:48:08,230 --> 00:48:05,520

unpleasant

1237

00:48:11,030 --> 00:48:08,240

i encountered this many times and could

1238

00:48:14,390 --> 00:48:11,040

never account for it to my satisfaction

1239

00:48:16,549 --> 00:48:14,400

although i affected to do so

1240

00:48:18,150 --> 00:48:16,559

i was laying on this bed one night

1241

00:48:20,710 --> 00:48:18,160

perhaps it would have been

1242

00:48:22,549 --> 00:48:20,720

about one in the morning when i was

1243

00:48:25,030 --> 00:48:22,559

awakened by someone

1244

00:48:26,150 --> 00:48:25,040

the room was in darkness my wife was

1245

00:48:29,190 --> 00:48:26,160

asleep by my

1246

00:48:33,109 --> 00:48:29,200

side i lay perfectly still listening

1247

00:48:37,349 --> 00:48:33,119

again i felt my toes handled

1248

00:48:40,470 --> 00:48:37,359

not roughly but almost playfully

1249

00:48:42,870 --> 00:48:40,480

i was scared very scared for the moment

1250

00:48:43,990 --> 00:48:42,880

there was something uncanny about the

1251
00:48:48,230 --> 00:48:44,000
touch

1252
00:48:51,910 --> 00:48:48,240
but i soon collected myself and conclude

1253
00:48:52,710 --> 00:48:51,920
that someone was wondering about the

1254
00:48:55,829 --> 00:48:52,720
house

1255
00:48:59,109 --> 00:48:55,839
i woke my wife lit the gas

1256
00:48:59,750 --> 00:48:59,119
and went all over the house the doors

1257
00:49:02,390 --> 00:48:59,760
were locked

1258
00:49:04,230 --> 00:49:02,400
just as they were when we went to bed

1259
00:49:05,430 --> 00:49:04,240
and everyone in the house was sound

1260
00:49:08,710 --> 00:49:05,440
asleep

1261
00:49:11,030 --> 00:49:08,720
this was indeed puzzling after

1262
00:49:13,589 --> 00:49:11,040
discussing the affair for some time

1263
00:49:14,309 --> 00:49:13,599

we went to bed again leaving the gas

1264

00:49:16,870 --> 00:49:14,319

burning

1265

00:49:18,150 --> 00:49:16,880

naturally i kept my eyes fixed on the

1266

00:49:20,710 --> 00:49:18,160

foot of the bed

1267

00:49:21,430 --> 00:49:20,720

the doorway was there and when the door

1268

00:49:23,829 --> 00:49:21,440

was open

1269

00:49:25,510 --> 00:49:23,839

it was up against the bedstead it was

1270

00:49:28,630 --> 00:49:25,520

open then

1271

00:49:29,670 --> 00:49:28,640

the bell pull a long cord or rope which

1272

00:49:33,270 --> 00:49:29,680

i have mentioned

1273

00:49:36,950 --> 00:49:33,280

as hanging down the side of the wall

1274

00:49:39,190 --> 00:49:36,960

was this night thrown over the door

1275

00:49:40,470 --> 00:49:39,200

i presume someone of the family had

1276

00:49:43,670 --> 00:49:40,480

placed it there

1277

00:49:46,470 --> 00:49:43,680

anyhow it was in that position

1278

00:49:48,549 --> 00:49:46,480

when i was aroused when hanging in its

1279

00:49:51,750 --> 00:49:48,559

normal position down the wall

1280

00:49:52,870 --> 00:49:51,760

it was right against my left hand it did

1281

00:49:55,190 --> 00:49:52,880

not ring a bell

1282

00:49:57,270 --> 00:49:55,200

when pulled because of a defect

1283

00:49:59,510 --> 00:49:57,280

somewhere in the wire connection

1284

00:50:01,030 --> 00:49:59,520

a few minutes passed and i was still

1285

00:50:04,309 --> 00:50:01,040

watching the foot of the bed

1286

00:50:05,270 --> 00:50:04,319

and the door when my feet were once more

1287

00:50:07,349 --> 00:50:05,280

handled

1288

00:50:08,390 --> 00:50:07,359

i sat up but could not see nothing

1289

00:50:10,950 --> 00:50:08,400

unusual

1290

00:50:12,790 --> 00:50:10,960

but while gazing in astonishment not

1291

00:50:15,990 --> 00:50:12,800

unmingled with fear perhaps

1292

00:50:18,710 --> 00:50:16,000

at the bed railing where my toes reached

1293

00:50:19,990 --> 00:50:18,720

i distinctly noticed the bell rope over

1294

00:50:23,349 --> 00:50:20,000

the door

1295

00:50:25,910 --> 00:50:23,359

as though someone were pulling it from

1296

00:50:26,950 --> 00:50:25,920

the other side my wife stated that she

1297

00:50:28,870 --> 00:50:26,960

also saw this

1298

00:50:30,230 --> 00:50:28,880

i had once got out of bed and made

1299

00:50:32,790 --> 00:50:30,240

another tour of the house

1300

00:50:33,829 --> 00:50:32,800

with the same result as before there was

1301

00:50:36,950 --> 00:50:33,839

no more sleep

1302

00:50:39,030 --> 00:50:36,960

until daylight came the next day

1303

00:50:39,990 --> 00:50:39,040

the bed was moved to another part of the

1304

00:50:42,309 --> 00:50:40,000

room and

1305

00:50:43,430 --> 00:50:42,319

no further experiences of the kinds

1306

00:50:46,950 --> 00:50:43,440

described

1307

00:50:50,230 --> 00:50:46,960

fell to our lot speaking for myself

1308

00:50:50,870 --> 00:50:50,240

i did not want any some time after we

1309

00:50:53,430 --> 00:50:50,880

heard in

1310

00:50:55,589 --> 00:50:53,440

quite an ordinary way that one of the

1311

00:50:55,990 --> 00:50:55,599

persons who had died in the house had

1312

00:50:59,190 --> 00:50:56,000

slept

1313

00:51:01,109 --> 00:50:59,200

exactly where i did whether there is any

1314

00:51:01,910 --> 00:51:01,119

connection between this fact and the

1315

00:51:04,309 --> 00:51:01,920

others

1316

00:51:05,030 --> 00:51:04,319

i have mentioned i did not venture to

1317

00:51:07,750 --> 00:51:05,040

say

1318

00:51:09,430 --> 00:51:07,760

but certainly the whole affair seemed

1319

00:51:12,790 --> 00:51:09,440

and still seems

1320

00:51:15,430 --> 00:51:12,800

very strange other experiences

1321

00:51:16,790 --> 00:51:15,440

i have had in the same house were sharp

1322

00:51:18,790 --> 00:51:16,800

loud wrapping

1323

00:51:20,790 --> 00:51:18,800

with the front door knocker in the dead

1324

00:51:24,790 --> 00:51:20,800

of the night about 1am

1325

00:51:26,870 --> 00:51:24,800

with no sound of anyone coming or going

1326

00:51:28,230 --> 00:51:26,880

and no one to be seen when the door was

1327

00:51:31,190 --> 00:51:28,240

opened and the

1328

00:51:31,829 --> 00:51:31,200

bouncing of a ball in the drawing room

1329

00:51:34,790 --> 00:51:31,839

the latter

1330

00:51:37,190 --> 00:51:34,800

was rather curious most people know the

1331

00:51:37,990 --> 00:51:37,200

sound of a hollow india rubber ball when

1332

00:51:41,190 --> 00:51:38,000

bounced

1333

00:51:41,910 --> 00:51:41,200

and they will i think agree with me that

1334

00:51:44,790 --> 00:51:41,920

it is a

1335

00:51:47,109 --> 00:51:44,800

sound easily recognized one night the

1336

00:51:49,829 --> 00:51:47,119

younger children had been playing with a

1337

00:51:50,950 --> 00:51:49,839

india rubber ball in the drawing room

1338

00:51:53,990 --> 00:51:50,960

and the ball was

1339

00:51:54,630 --> 00:51:54,000

left there after they went to bed deep

1340

00:51:56,790 --> 00:51:54,640

in the night

1341

00:51:57,990 --> 00:51:56,800

i was laying awake i often had the

1342

00:52:02,069 --> 00:51:58,000

sensation that i

1343

00:52:04,630 --> 00:52:02,079

had been awakened but did not know how

1344

00:52:05,670 --> 00:52:04,640

when i heard this ball being bounced in

1345

00:52:07,430 --> 00:52:05,680

the drawing room

1346

00:52:08,870 --> 00:52:07,440

it was just as though someone were

1347

00:52:11,829 --> 00:52:08,880

bouncing the ball

1348

00:52:12,390 --> 00:52:11,839

on the carpet readers may suggest that

1349

00:52:17,750 --> 00:52:12,400

there

1350

00:52:20,950 --> 00:52:17,760

and keep on bouncing a ball

1351
00:52:22,710 --> 00:52:20,960
investigation revealed nothing save that

1352
00:52:25,270 --> 00:52:22,720
the ball was on the floor

1353
00:52:26,470 --> 00:52:25,280
and we believed it was on the table when

1354
00:52:29,270 --> 00:52:26,480
we went to bed

1355
00:52:30,470 --> 00:52:29,280
the room was locked up both doors and

1356
00:52:33,670 --> 00:52:30,480
windows

1357
00:52:34,710 --> 00:52:33,680
when the family retired and there was no

1358
00:52:38,150 --> 00:52:34,720
cat there

1359
00:52:39,750 --> 00:52:38,160
i have had no explanation to offer as to

1360
00:52:43,589 --> 00:52:39,760
these happenings

1361
00:52:47,030 --> 00:52:43,599
i merely relate them as they did happen

1362
00:52:47,829 --> 00:52:47,040
i do not assert that the house is or was

1363
00:52:50,710 --> 00:52:47,839

haunted but

1364

00:52:52,870 --> 00:52:50,720

merely that the whole thing is

1365

00:52:55,190 --> 00:52:52,880

inexplainable to me

1366

00:52:58,309 --> 00:52:55,200

i should certainly like to know if

1367

00:53:01,790 --> 00:52:58,319

others have had similar experiences

1368

00:53:04,100 --> 00:53:01,800

and their theories about them signed

1369

00:53:06,390 --> 00:53:04,110

investigator

1370

00:53:08,549 --> 00:53:06,400

[Music]

1371

00:53:10,430 --> 00:53:08,559

so let's see if anybody replied to that

1372

00:53:14,820 --> 00:53:10,440

letter

1373

00:53:15,910 --> 00:53:14,830

119 years ago

1374

00:53:19,750 --> 00:53:15,920

[Music]

1375

00:53:22,790 --> 00:53:19,760

and so in response to that interesting

1376
00:53:24,069 --> 00:53:22,800
request we first come to the sunday

1377
00:53:28,230 --> 00:53:24,079
times

1378
00:53:31,910 --> 00:53:28,240
in sydney and it is from

1379
00:53:37,410 --> 00:53:31,920
sunday the 18th of august 1901

1380
00:53:42,470 --> 00:53:38,549
[Music]

1381
00:53:45,829 --> 00:53:42,480
the following incident happened in 1891

1382
00:53:46,790 --> 00:53:45,839
that is just 10 years ago and i have not

1383
00:53:49,829 --> 00:53:46,800
forgotten

1384
00:53:52,390 --> 00:53:49,839
one single detail so vividly

1385
00:53:54,150 --> 00:53:52,400
it is impressed upon my memory i should

1386
00:53:56,230 --> 00:53:54,160
never have thought of putting it down

1387
00:53:58,230 --> 00:53:56,240
had i not read an article on the above

1388
00:54:01,910 --> 00:53:58,240

subject in last sunday's

1389

00:54:03,990 --> 00:54:01,920

times in the early part of 91

1390

00:54:05,109 --> 00:54:04,000

we were living in a four-roomed house in

1391

00:54:08,309 --> 00:54:05,119

surrey hills

1392

00:54:11,030 --> 00:54:08,319

it was a cozy little place but had one

1393

00:54:12,470 --> 00:54:11,040

fault it was not roomy enough for people

1394

00:54:14,549 --> 00:54:12,480

with children

1395

00:54:16,390 --> 00:54:14,559

one day when i was paying the rent to

1396

00:54:18,390 --> 00:54:16,400

the landlord he said to me

1397

00:54:19,829 --> 00:54:18,400

don't you think this house is rather too

1398

00:54:21,750 --> 00:54:19,839

small for you

1399

00:54:23,270 --> 00:54:21,760

i have another house empty and i'm sure

1400

00:54:25,589 --> 00:54:23,280

it would just suit you

1401

00:54:27,109 --> 00:54:25,599

it has twice the number of rooms and if

1402

00:54:29,990 --> 00:54:27,119

you'd like to take it

1403

00:54:30,710 --> 00:54:30,000

i would take half a crown a week off the

1404

00:54:33,589 --> 00:54:30,720

rent

1405

00:54:34,870 --> 00:54:33,599

as you are good tenants my husband and i

1406

00:54:37,589 --> 00:54:34,880

went to have a look

1407

00:54:39,270 --> 00:54:37,599

through the house but strange to say i

1408

00:54:39,990 --> 00:54:39,280

could not get a chance to see all the

1409

00:54:42,309 --> 00:54:40,000

rooms

1410

00:54:43,910 --> 00:54:42,319

as my baby started screaming as soon as

1411

00:54:46,150 --> 00:54:43,920

we stepped into the hallway

1412

00:54:47,589 --> 00:54:46,160

and would not be comforted i tried

1413

00:54:50,069 --> 00:54:47,599

everything to soothe it

1414

00:54:51,510 --> 00:54:50,079

but without a veil i had to take it out

1415

00:54:54,549 --> 00:54:51,520

into the street again

1416

00:54:59,030 --> 00:54:54,559

when it became quiet and i did not

1417

00:55:01,190 --> 00:54:59,040

trouble to go back a strange room

1418

00:55:03,270 --> 00:55:01,200

we took the house and i thought we were

1419

00:55:06,309 --> 00:55:03,280

going to be very comfortable

1420

00:55:09,670 --> 00:55:06,319

but we had reckoned without

1421

00:55:12,789 --> 00:55:09,680

the ghost for from the day we entered it

1422

00:55:14,950 --> 00:55:12,799

we never seemed to settle down the only

1423

00:55:17,430 --> 00:55:14,960

room in the house we did not like

1424

00:55:18,150 --> 00:55:17,440

was the one next to the street or the

1425

00:55:20,549 --> 00:55:18,160

front room

1426

00:55:21,670 --> 00:55:20,559

as it was called it was dreary looking

1427

00:55:24,390 --> 00:55:21,680

and miserable

1428

00:55:24,789 --> 00:55:24,400

even on a bright sunny day no matter how

1429

00:55:27,670 --> 00:55:24,799

you

1430

00:55:30,069 --> 00:55:27,680

coaxed it to look cheerful we thought

1431

00:55:30,710 --> 00:55:30,079

perhaps a fire in the great would alter

1432

00:55:33,430 --> 00:55:30,720

things

1433

00:55:35,349 --> 00:55:33,440

but no we never could sit in it longer

1434

00:55:38,150 --> 00:55:35,359

than a few minutes at a time

1435

00:55:39,750 --> 00:55:38,160

if i started to play the piano i never

1436

00:55:41,670 --> 00:55:39,760

finished the piece

1437

00:55:42,789 --> 00:55:41,680

if i wanted to write a letter i always

1438

00:55:45,510 --> 00:55:42,799

had to take it

1439

00:55:46,150 --> 00:55:45,520

into the dining room to finish it the

1440

00:55:48,230 --> 00:55:46,160

window

1441

00:55:50,390 --> 00:55:48,240

in that room was far too high for me to

1442

00:55:53,829 --> 00:55:50,400

fasten without standing on a stool

1443

00:55:56,549 --> 00:55:53,839

or chair so my husband made it a rule

1444

00:55:57,670 --> 00:55:56,559

to look to that window last thing before

1445

00:56:00,069 --> 00:55:57,680

retiring

1446

00:56:00,870 --> 00:56:00,079

he has told me since we left that he

1447

00:56:03,270 --> 00:56:00,880

never

1448

00:56:05,430 --> 00:56:03,280

once went into that room without a cold

1449

00:56:09,190 --> 00:56:05,440

shiver running down his back

1450

00:56:12,950 --> 00:56:09,200

and is a powerfully built man

1451
00:56:15,829 --> 00:56:12,960
nearly six foot high and one that scoffs

1452
00:56:16,390 --> 00:56:15,839
at the idea of ghosts well so it

1453
00:56:19,270 --> 00:56:16,400
happened

1454
00:56:21,750 --> 00:56:19,280
we gave up on that room in disgust and

1455
00:56:23,670 --> 00:56:21,760
moved the piano into the dining room

1456
00:56:25,270 --> 00:56:23,680
distributed other things wherever we

1457
00:56:27,829 --> 00:56:25,280
could find room for them

1458
00:56:28,309 --> 00:56:27,839
simply shut the door of the front room

1459
00:56:32,470 --> 00:56:28,319
and

1460
00:56:35,670 --> 00:56:32,480
left it alone in its dreariness

1461
00:56:38,309 --> 00:56:35,680
a memory that lives now

1462
00:56:40,789 --> 00:56:38,319
i am going to tell you of an experience

1463
00:56:41,910 --> 00:56:40,799

i had in that room the very next time we

1464

00:56:44,789 --> 00:56:41,920

used it

1465

00:56:46,950 --> 00:56:44,799

an experience which i shall never forget

1466

00:56:49,270 --> 00:56:46,960

as long as life lasts

1467

00:56:50,789 --> 00:56:49,280

i will leave it to my readers to say

1468

00:56:53,589 --> 00:56:50,799

whether the house is

1469

00:56:55,589 --> 00:56:53,599

haunted but what i'm going to relate i

1470

00:56:58,870 --> 00:56:55,599

give my word of honor

1471

00:56:59,829 --> 00:56:58,880

is really true when the baby was four

1472

00:57:02,630 --> 00:56:59,839

months old

1473

00:57:03,190 --> 00:57:02,640

it was very ill with bronchitis and sort

1474

00:57:05,829 --> 00:57:03,200

of

1475

00:57:07,670 --> 00:57:05,839

wasting away the doctor advised me to

1476
00:57:08,789 --> 00:57:07,680
keep it in a room where i could have a

1477
00:57:11,190 --> 00:57:08,799
fire going

1478
00:57:12,069 --> 00:57:11,200
night and day so that the temperature

1479
00:57:15,109 --> 00:57:12,079
could be warm

1480
00:57:17,190 --> 00:57:15,119
and even i tried a fire in our bedroom

1481
00:57:18,150 --> 00:57:17,200
but it disturbed my husband and kept him

1482
00:57:20,150 --> 00:57:18,160
awake

1483
00:57:21,270 --> 00:57:20,160
and as he worked rather hard during the

1484
00:57:25,190 --> 00:57:21,280
day that would

1485
00:57:27,990 --> 00:57:25,200
not do so i determined to go into a room

1486
00:57:29,349 --> 00:57:28,000
all to myself and pitched on the empty

1487
00:57:32,230 --> 00:57:29,359
room downstairs

1488
00:57:32,710 --> 00:57:32,240

i lit a fire early next morning and had

1489

00:57:35,109 --> 00:57:32,720

a small

1490

00:57:35,829 --> 00:57:35,119

bedstead put up and made everything in

1491

00:57:39,190 --> 00:57:35,839

readiness

1492

00:57:42,069 --> 00:57:39,200

for the night it was on a saturday

1493

00:57:43,430 --> 00:57:42,079

and it was about 11 o'clock when we

1494

00:57:46,630 --> 00:57:43,440

started to lock up

1495

00:57:47,270 --> 00:57:46,640

that night my husband went upstairs to

1496

00:57:49,990 --> 00:57:47,280

bed

1497

00:57:50,309 --> 00:57:50,000

leaving me downstairs with my baby i am

1498

00:57:53,030 --> 00:57:50,319

not

1499

00:57:54,150 --> 00:57:53,040

a nervous woman by any means but i

1500

00:57:57,270 --> 00:57:54,160

confess

1501

00:58:01,109 --> 00:57:57,280

i feel a bit creepy when i think

1502

00:58:02,870 --> 00:58:01,119

of that night my prayers finished

1503

00:58:04,390 --> 00:58:02,880

i happened to look at the little clock

1504

00:58:07,430 --> 00:58:04,400

on the mantelpiece

1505

00:58:09,829 --> 00:58:07,440

it was a quarter to twelve i imagined i

1506

00:58:11,510 --> 00:58:09,839

was in for a quiet night as baby was

1507

00:58:14,549 --> 00:58:11,520

sleeping soundly

1508

00:58:15,750 --> 00:58:14,559

quite an unusual thing i laid down and

1509

00:58:18,630 --> 00:58:15,760

blew out the light

1510

00:58:19,030 --> 00:58:18,640

which was on the chair beside the bed

1511

00:58:22,630 --> 00:58:19,040

when

1512

00:58:25,990 --> 00:58:22,640

immediately something seemed either to

1513

00:58:28,950 --> 00:58:26,000

fall or strike me on the chest

1514

00:58:30,630 --> 00:58:28,960

i put out my hand to find the cause and

1515

00:58:34,870 --> 00:58:30,640

distinctly felt

1516

00:58:38,390 --> 00:58:34,880

a hand but it was deformed in some way

1517

00:58:41,990 --> 00:58:38,400

and seemed as if covered with a stocking

1518

00:58:42,870 --> 00:58:42,000

a figure of a woman my first thought was

1519

00:58:45,109 --> 00:58:42,880

burglars

1520

00:58:46,309 --> 00:58:45,119

and like a shot i struck a match which i

1521

00:58:49,589 --> 00:58:46,319

always keep

1522

00:58:53,030 --> 00:58:49,599

close to my hand under the pillow when

1523

00:58:54,789 --> 00:58:53,040

to my horror and surprise i saw a woman

1524

00:58:56,390 --> 00:58:54,799

sitting close to me on the edge of the

1525

00:58:58,630 --> 00:58:56,400

bed

1526

00:59:00,390 --> 00:58:58,640

she had her back to me i had time to

1527

00:59:03,109 --> 00:59:00,400

note that she had a pretty

1528

00:59:04,230 --> 00:59:03,119

shaped head with sort of curly brown

1529

00:59:07,910 --> 00:59:04,240

hair

1530

00:59:11,190 --> 00:59:07,920

she had but one garment on a shimmy

1531

00:59:11,750 --> 00:59:11,200

and i saw her bare arms and shoulders as

1532

00:59:15,349 --> 00:59:11,760

plain

1533

00:59:17,430 --> 00:59:15,359

as i saw anything in my life

1534

00:59:19,349 --> 00:59:17,440

i remember perfectly well saying out

1535

00:59:21,990 --> 00:59:19,359

loud my god

1536

00:59:23,589 --> 00:59:22,000

who is it and lighting the candle at the

1537

00:59:26,549 --> 00:59:23,599

same time

1538

00:59:27,430 --> 00:59:26,559

when she disappeared as quickly as she

1539

00:59:29,829 --> 00:59:27,440

came

1540

00:59:30,950 --> 00:59:29,839

i assure you it did not take me long to

1541

00:59:34,150 --> 00:59:30,960

jump out of bed

1542

00:59:37,030 --> 00:59:34,160

snatched up a blanket roll baby in it

1543

00:59:38,870 --> 00:59:37,040

and grabbed my candlestick and off

1544

00:59:40,950 --> 00:59:38,880

within five minutes of first putting out

1545

00:59:42,470 --> 00:59:40,960

the light i was upstairs standing beside

1546

00:59:45,349 --> 00:59:42,480

my husband's bed

1547

00:59:47,270 --> 00:59:45,359

with a face as white as a sheet he tried

1548

00:59:48,150 --> 00:59:47,280

his hardest to persuade me that i was

1549

00:59:50,470 --> 00:59:48,160

mistaken

1550

00:59:51,829 --> 00:59:50,480

and even offered to go down and sleep

1551
00:59:54,950 --> 00:59:51,839
below himself

1552
00:59:55,750 --> 00:59:54,960
but i would not hear of him leaving me

1553
00:59:58,069 --> 00:59:55,760
again

1554
00:59:59,270 --> 00:59:58,079
he said perhaps i had fallen asleep and

1555
01:00:02,630 --> 00:59:59,280
dreamt it

1556
01:00:04,230 --> 01:00:02,640
how could i i said pointing to the watch

1557
01:00:06,789 --> 01:00:04,240
at the head of the bed

1558
01:00:07,670 --> 01:00:06,799
he had regulated the clock downstairs by

1559
01:00:11,990 --> 01:00:07,680
it

1560
01:00:16,390 --> 01:00:12,000
had been talking

1561
01:00:18,630 --> 01:00:16,400
too now did i see a ghost or not

1562
01:00:20,549 --> 01:00:18,640
i am not under the impression that i did

1563
01:00:23,270 --> 01:00:20,559

there's nothing extraordinary happened

1564

01:00:23,829 --> 01:00:23,280

during the day to excite my brain

1565

01:00:25,910 --> 01:00:23,839

neither

1566

01:00:27,430 --> 01:00:25,920

had i taken anything in the shape of

1567

01:00:29,910 --> 01:00:27,440

stimulants

1568

01:00:30,870 --> 01:00:29,920

we moved a week or two afterwards to a

1569

01:00:33,190 --> 01:00:30,880

better house

1570

01:00:34,069 --> 01:00:33,200

some people to whom i relayed what

1571

01:00:37,510 --> 01:00:34,079

happened

1572

01:00:40,789 --> 01:00:37,520

said it was only a presentment and

1573

01:00:42,150 --> 01:00:40,799

it may have been as soon after we buried

1574

01:00:45,430 --> 01:00:42,160

our dear baby

1575

01:00:46,309 --> 01:00:45,440

i often pass that house and nine times

1576

01:00:50,150 --> 01:00:46,319

out of ten

1577

01:00:57,270 --> 01:00:50,160

the board is out to let

1578

01:00:59,670 --> 01:00:57,280

signed apparition

1579

01:01:01,829 --> 01:00:59,680

so there we are just a few of the

1580

01:01:03,430 --> 01:01:01,839

thousands i dare say of reports of

1581

01:01:07,510 --> 01:01:03,440

spooky goings on

1582

01:01:12,150 --> 01:01:07,520

from the archive trove trove.nla.gov

1583

01:01:15,589 --> 01:01:14,309

bouncing balls and somebody tickling the

1584

01:01:36,630 --> 01:01:15,599

feet

1585

01:01:39,990 --> 01:01:38,549

thank you for listening to the skeptic's

1586

01:01:42,470 --> 01:01:40,000

own podcast and thank you

1587

01:01:44,230 --> 01:01:42,480

to all those birds out there outside the

1588

01:01:46,710 --> 01:01:44,240

studio i went out and i had a long

1589

01:01:47,430 --> 01:01:46,720

talk with them and they decided to keep

1590

01:01:49,589 --> 01:01:47,440

chirping

1591

01:01:50,710 --> 01:01:49,599

and singing and calling and whatever

1592

01:01:52,630 --> 01:01:50,720

they do

1593

01:01:54,710 --> 01:01:52,640

now some important information has come

1594

01:01:56,710 --> 01:01:54,720

my way from belgium

1595

01:01:58,150 --> 01:01:56,720

a multi-millionaire is suing some

1596

01:02:01,270 --> 01:01:58,160

authors

1597

01:02:01,829 --> 01:02:01,280

about some skeptical work they did press

1598

01:02:03,430 --> 01:02:01,839

here for

1599

01:02:05,029 --> 01:02:03,440

english translation i'm just reading

1600

01:02:07,829 --> 01:02:05,039

this straight off the page

1601
01:02:08,230 --> 01:02:07,839
a multi-millionaire sues our authors why

1602
01:02:11,109 --> 01:02:08,240
bart

1603
01:02:11,510 --> 01:02:11,119
and patrick need your financial support

1604
01:02:14,069 --> 01:02:11,520
and

1605
01:02:16,870 --> 01:02:14,079
i will link to this in the show notes so

1606
01:02:19,750 --> 01:02:16,880
you can see this for yourself

1607
01:02:20,069 --> 01:02:19,760
our authors wrote a skeptical article

1608
01:02:23,190 --> 01:02:20,079
for

1609
01:02:25,349 --> 01:02:23,200
the belgium skep magazine

1610
01:02:26,870 --> 01:02:25,359
about two companies active in the field

1611
01:02:29,309 --> 01:02:26,880
of human resources

1612
01:02:30,470 --> 01:02:29,319
that use dubious theories such as

1613
01:02:33,270 --> 01:02:30,480

neuro-linguistic

1614

01:02:33,990 --> 01:02:33,280

programming and characterization of

1615

01:02:37,910 --> 01:02:34,000

people based

1616

01:02:40,950 --> 01:02:37,920

on their skull what

1617

01:02:44,870 --> 01:02:43,910

anyway i'll link to this i don't have

1618

01:02:47,190 --> 01:02:44,880

time to

1619

01:02:48,870 --> 01:02:47,200

go into this topic deeply at the moment

1620

01:02:50,150 --> 01:02:48,880

but you can check that out for yourself

1621

01:02:52,789 --> 01:02:50,160

and see

1622

01:02:53,829 --> 01:02:52,799

if if you think these people need your

1623

01:02:55,990 --> 01:02:53,839

support

1624

01:02:57,430 --> 01:02:56,000

i encourage you to have a look link in

1625

01:02:59,990 --> 01:02:57,440

this week's show notes

1626

01:03:01,589 --> 01:03:00,000

thank you a big thank you a very big

1627

01:03:04,630 --> 01:03:01,599

thank you to my

1628

01:03:06,390 --> 01:03:04,640

old buddy and colleague ben radford who

1629

01:03:08,230 --> 01:03:06,400

appeared here in sydney at sydney

1630

01:03:09,190 --> 01:03:08,240

skeptics in the pub just a few nights

1631

01:03:11,670 --> 01:03:09,200

ago

1632

01:03:13,829 --> 01:03:11,680

although it was 3am where he was in

1633

01:03:15,430 --> 01:03:13,839

albuquerque new mexico he spoke for

1634

01:03:15,990 --> 01:03:15,440

almost an hour and took questions from

1635

01:03:17,670 --> 01:03:16,000

the audience

1636

01:03:19,349 --> 01:03:17,680

afterwards what an effort thank you very

1637

01:03:21,349 --> 01:03:19,359

much ben radford

1638

01:03:22,549 --> 01:03:21,359

and i look forward to one day hosting

1639

01:03:25,670 --> 01:03:22,559

you here

1640

01:03:28,309 --> 01:03:25,680

in person i'll take you on a tour of

1641

01:03:29,750 --> 01:03:28,319

sydney and we can look at the birds

1642

01:03:32,069 --> 01:03:29,760

now personally i don't have anything

1643

01:03:35,190 --> 01:03:32,079

against birds i like feeding ducks

1644

01:03:37,910 --> 01:03:35,200

but sometimes and it's not long to go

1645

01:03:39,910 --> 01:03:37,920

now until skepticon 2020 the australian

1646

01:03:42,829 --> 01:03:39,920

skeptics national convention

1647

01:03:45,910 --> 01:03:42,839

get your tickets and more information at

1648

01:03:50,150 --> 01:03:48,549

see you there and just before i go once

1649

01:03:51,950 --> 01:03:50,160

again my thanks to those people who

1650

01:03:53,829 --> 01:03:51,960

subscribe to the skeptic zone at

1651

01:03:56,829 --> 01:03:53,839

skepticzone.tv

1652

01:03:57,990 --> 01:03:56,839

and back the show with the financial

1653

01:04:01,109 --> 01:03:58,000

support

1654

01:04:02,789 --> 01:04:01,119

absolutely vital and i guess something

1655

01:04:03,990 --> 01:04:02,799

is either vital or it's not that's an

1656

01:04:05,990 --> 01:04:04,000

absolute isn't it

1657

01:04:08,390 --> 01:04:06,000

it's a superlative so you can't have

1658

01:04:11,109 --> 01:04:08,400

absolutely it is vital

1659

01:04:11,670 --> 01:04:11,119

no support no skeptic zone as simple as

1660

01:04:13,589 --> 01:04:11,680

that

1661

01:04:15,109 --> 01:04:13,599

and as you know this year has been

1662

01:04:17,270 --> 01:04:15,119

bonkers crazy

1663

01:04:19,670 --> 01:04:17,280

and i have personally lost a lot of

1664

01:04:22,230 --> 01:04:19,680

income from other things i used to do

1665

01:04:22,710 --> 01:04:22,240

before this madness hit so your support

1666

01:04:36,710 --> 01:04:22,720

is

1667

01:04:41,270 --> 01:04:36,720

zone podcast

1668

01:04:44,309 --> 01:04:41,280

please visit our website at www.skeptics

1669

01:04:46,309 --> 01:04:44,319

for show notes contacts and to access

1670

01:04:49,829 --> 01:04:46,319

the back catalog of episodes

1671

01:04:51,910 --> 01:04:49,839

going back to 2008. you can follow the

1672

01:04:55,349 --> 01:04:51,920

skeptic zone podcast on twitter

1673

01:04:58,950 --> 01:04:55,359

at skepticzone visit our facebook page

1674

01:05:00,309 --> 01:04:58,960

or leave a review on itunes you can also

1675

01:05:03,510 --> 01:05:00,319

support the skeptic zone

1676

01:05:04,309 --> 01:05:03,520

via patreon or paypal the skeptic zone

1677

01:05:07,190 --> 01:05:04,319

podcast

1678

01:05:08,950 --> 01:05:07,200

is an independent production the views

1679

01:05:09,430 --> 01:05:08,960

and opinions expressed on the skeptic

1680

01:05:11,430 --> 01:05:09,440

zone

1681

01:05:12,630 --> 01:05:11,440

are not necessarily those of australian