

# Episode 750

## THE SKEPTIC ZONE PODCAST

19 February 2023

[www.skepticzone.tv](http://www.skepticzone.tv)

UFOs, Brian Dunning and Hypothemia

Susan Gerbic pays tribute to Dr Harriet Hall

The Book of Tim

TROVE  
Canberra Skeptics



Brian Dunning



Susan Gerbic



Tim Mendham



Richard Saunders



1  
00:00:06,970 --> 00:00:03,470  
hey Ben did you hear Richard Saunders is

2  
00:00:09,950 --> 00:00:06,980  
on his 750th episode of the skeptic Zone

3  
00:00:11,810 --> 00:00:09,960  
what seriously that's that's a huge

4  
00:00:13,789 --> 00:00:11,820  
number on squaring in the strange we

5  
00:00:15,589 --> 00:00:13,799  
haven't even cracked 200. what does he

6  
00:00:17,870 --> 00:00:15,599  
have that we don't have

7  
00:00:21,950 --> 00:00:17,880  
um brains and talent

8  
00:00:24,529 --> 00:00:21,960  
yeah obviously but what else a dreamy

9  
00:00:27,950 --> 00:00:24,539  
Aussie accent well okay but but what

10  
00:00:30,290 --> 00:00:27,960  
else what's a secret ingredient hmm wait

11  
00:00:32,690 --> 00:00:30,300  
wait I know his show has two producers

12  
00:00:35,450 --> 00:00:32,700  
right we only have one are you talking

13  
00:00:39,170 --> 00:00:35,460

about his cats maybe we can hire them

14

00:00:40,369 --> 00:00:39,180

away yeah we'll offer them canned tuna I

15

00:00:42,889 --> 00:00:40,379

bet they're getting tired of eating

16

00:00:45,110 --> 00:00:42,899

Vegemite over there then we will have

17

00:00:48,709 --> 00:00:45,120

his secret podcasting weapon and he'll

18

00:00:52,790 --> 00:00:48,719

be ruined ruined

19

00:00:54,740 --> 00:00:52,800

well until then Happy 750th Richard and

20

00:01:01,310 --> 00:00:54,750

Maude and Henrietta

21

00:01:03,889 --> 00:01:01,320

[Music]

22

00:01:08,780 --> 00:01:03,899

welcome to the skeptic Zone the podcast

23

00:01:08,780 --> 00:01:08,790

from Australia for science and reason

24

00:01:19,130 --> 00:01:11,740

[Applause]

25

00:01:29,510 --> 00:01:20,929

yes it's the skeptic Zone podcast

26  
00:01:35,710 --> 00:01:31,070  
foreign

27  
00:01:40,670 --> 00:01:35,720  
[Applause]

28  
00:01:43,249 --> 00:01:40,680  
for the 19th of February 2023 and thank

29  
00:01:45,289 --> 00:01:43,259  
you to Celestia award and Ben Radford

30  
00:01:47,569 --> 00:01:45,299  
from squaring the strange for kicking

31  
00:01:50,630 --> 00:01:47,579  
off this week's show and a big shout out

32  
00:01:55,270 --> 00:01:50,640  
to their co-host Pasco Romero as well

33  
00:01:58,670 --> 00:01:55,280  
coming up on episode 750 we have more uh

34  
00:02:00,530 --> 00:01:58,680  
well-wishing messages from various

35  
00:02:03,590 --> 00:02:00,540  
skeptical friends from around the planet

36  
00:02:06,410 --> 00:02:03,600  
but also we speak to Brian Dunning about

37  
00:02:08,809 --> 00:02:06,420  
his latest documentary the UFO movie

38  
00:02:12,170 --> 00:02:08,819

they don't want you to see

39

00:02:13,790 --> 00:02:12,180

but really it's about the process of

40

00:02:16,510 --> 00:02:13,800

making a documentary and one of the

41

00:02:18,050 --> 00:02:16,520

dangers which I didn't know about

42

00:02:21,010 --> 00:02:18,060

hypothermia

43

00:02:23,210 --> 00:02:21,020

wow Brian really suffers for his art

44

00:02:26,270 --> 00:02:23,220

suffers for Science and you'll find out

45

00:02:28,190 --> 00:02:26,280

the dangers of hypothermia

46

00:02:29,630 --> 00:02:28,200

and what happened to Brian coming up at

47

00:02:32,990 --> 00:02:29,640

the top of the show

48

00:02:35,869 --> 00:02:33,000

after that it's a very heartfelt tribute

49

00:02:38,330 --> 00:02:35,879

to our dear friend the late Dr Harriet

50

00:02:40,910 --> 00:02:38,340

Hall and this is by Susan gobert and it

51

00:02:44,330 --> 00:02:40,920

was originally published in the

52

00:02:46,550 --> 00:02:44,340

skeptical Inquirer online but Susan will

53

00:02:48,589 --> 00:02:46,560

read this tribute to Harriet Hall then

54

00:02:53,869 --> 00:02:48,599

it's the book of Tim with Tim Mendham

55

00:02:57,110 --> 00:02:53,879

and Tim looks at delusions delusions in

56

00:03:00,050 --> 00:02:57,120

the segment called what goes around

57

00:03:01,250 --> 00:03:00,060

and of course the skeptical Community

58

00:03:06,770 --> 00:03:01,260

often

59

00:03:08,210 --> 00:03:06,780

consider have delusions about this that

60

00:03:09,949 --> 00:03:08,220

or the other

61

00:03:12,290 --> 00:03:09,959

then to round off the show it's a dive

62

00:03:14,449 --> 00:03:12,300

back into the Trove archives where we

63

00:03:17,270 --> 00:03:14,459

look at references to the Canberra

64

00:03:20,149 --> 00:03:17,280

Skeptics over the years especially in

65

00:03:21,710 --> 00:03:20,159

the early days in the 1980s

66

00:03:23,809 --> 00:03:21,720

and if you look at this week's show

67

00:03:27,589 --> 00:03:23,819

notes you'll notice that 10 years ago on

68

00:03:31,369 --> 00:03:27,599

episode 226 we interview our former

69

00:03:34,190 --> 00:03:31,379

reporter Dr Chrissy Wilson Maynard may

70

00:03:36,589 --> 00:03:34,200

not spooky action it's Skeptics in the

71

00:03:39,830 --> 00:03:36,599

pub in Newcastle for Science and beer

72

00:03:42,530 --> 00:03:39,840

and we chat to Paul Willis Dr Paul

73

00:03:45,589 --> 00:03:42,540

Willis Den Professor Paul Willis now

74

00:03:47,750 --> 00:03:45,599

yes episode number 750 before we start a

75

00:03:50,750 --> 00:03:47,760

big thank you to my current reporters

76

00:03:52,309 --> 00:03:50,760

and all the past reporters going back 16

77

00:03:55,550 --> 00:03:52,319

years or so

78

00:03:57,110 --> 00:03:55,560

and uh who knows who knows we may even

79

00:03:59,030 --> 00:03:57,120

get another visit from the skeptical

80

00:04:00,589 --> 00:03:59,040

Ferry today

81

00:04:02,990 --> 00:04:00,599

but now it's time for me to run

82

00:04:04,490 --> 00:04:03,000

downstairs and have my favorite snack

83

00:04:07,490 --> 00:04:04,500

while I'm here in the United States

84

00:04:09,890 --> 00:04:07,500

which is a mixture of jalapeno flakes

85

00:04:13,670 --> 00:04:09,900

you can buy at Trader Joe's

86

00:04:21,289 --> 00:04:13,680

and peanuts while I do that I hope you

87

00:04:21,299 --> 00:04:29,190

foreign

88

00:04:42,830 --> 00:04:39,969

[Music]

89

00:04:45,830 --> 00:04:42,840

ERS from the skeptic Zone podcast I'm in

90

00:04:48,230 --> 00:04:45,840

Bend Oregon visiting my old buddy Brian

91

00:04:50,930 --> 00:04:48,240

Dunning from skeptoid Brian good to see

92

00:04:52,010 --> 00:04:50,940

you again hey good to be here but what

93

00:04:54,650 --> 00:04:52,020

do you mean good to be here I'm always

94

00:04:56,629 --> 00:04:54,660

here good to have you here sir thank you

95

00:04:57,770 --> 00:04:56,639

very much I wanted to catch up with you

96

00:05:00,230 --> 00:04:57,780

because

97

00:05:03,350 --> 00:05:00,240

um just to give our listeners one more

98

00:05:05,090 --> 00:05:03,360

update as to the new documentary the UFO

99

00:05:07,129 --> 00:05:05,100

movie they don't want you to see it must

100

00:05:10,310 --> 00:05:07,139

be on the home stretch by now

101

00:05:12,409 --> 00:05:10,320

I I'm I am more than 50 through with the

102

00:05:14,210 --> 00:05:12,419

editing I anticipate being done without

103

00:05:17,090 --> 00:05:14,220

in about three weeks and then it's going

104

00:05:19,070 --> 00:05:17,100

to go for about a month for uh color

105

00:05:21,650 --> 00:05:19,080

sound and scoring

106

00:05:23,450 --> 00:05:21,660

I can't wait I'm going to uh I'm lucky

107

00:05:25,550 --> 00:05:23,460

enough Brian's gonna show me some rushes

108

00:05:27,469 --> 00:05:25,560

some early shots a bit later on I'm

109

00:05:29,810 --> 00:05:27,479

looking forward to that but I wanted to

110

00:05:31,430 --> 00:05:29,820

talk to you about one of the dangers of

111

00:05:33,230 --> 00:05:31,440

filmmaking which

112

00:05:34,730 --> 00:05:33,240

happened to you firsthand it doesn't

113

00:05:37,189 --> 00:05:34,740

happen to every filmmaker it's never

114

00:05:39,469 --> 00:05:37,199

happened to me but you suffered from a

115

00:05:41,650 --> 00:05:39,479

case of um and this is really suffering

116

00:05:46,969 --> 00:05:41,660

for science a case of

117

00:05:48,710 --> 00:05:46,979

hypothermia what's the story behind that

118

00:05:50,870 --> 00:05:48,720

so for

119

00:05:53,390 --> 00:05:50,880

the longest scene in the film

120

00:05:55,730 --> 00:05:53,400

is a

121

00:05:57,110 --> 00:05:55,740

I narrate the entire thing beginning to

122

00:06:00,110 --> 00:05:57,120

end

123

00:06:03,770 --> 00:06:00,120

from a set piece which we have out in

124

00:06:05,629 --> 00:06:03,780

the desert in Owens Valley California

125

00:06:07,370 --> 00:06:05,639

basically the desert of the western

126  
00:06:10,249 --> 00:06:07,380  
United States

127  
00:06:12,350 --> 00:06:10,259  
and the idea was that we were going to

128  
00:06:15,170 --> 00:06:12,360  
start just after sunset

129  
00:06:18,290 --> 00:06:15,180  
go through the night

130  
00:06:19,909 --> 00:06:18,300  
and then finish with sunrise

131  
00:06:22,550 --> 00:06:19,919  
so it kind of brings the whole story

132  
00:06:23,990 --> 00:06:22,560  
full circle now most of the movie is the

133  
00:06:26,529 --> 00:06:24,000  
interviews and the cutaways and the

134  
00:06:29,570 --> 00:06:26,539  
other things that we do but this this

135  
00:06:34,070 --> 00:06:29,580  
narration by me is the consistent part

136  
00:06:36,710 --> 00:06:34,080  
so it's we did this in January

137  
00:06:39,050 --> 00:06:36,720  
and it's in the in the desert and in

138  
00:06:42,230 --> 00:06:39,060

January in Winter because we're not

139

00:06:43,909 --> 00:06:42,240

upside down like Australia

140

00:06:44,930 --> 00:06:43,919

I know the temperatures can get pretty

141

00:06:46,550 --> 00:06:44,940

cold

142

00:06:48,350 --> 00:06:46,560

so we checked it out and the

143

00:06:51,170 --> 00:06:48,360

temperatures were about 10 to 15 degrees

144

00:06:53,450 --> 00:06:51,180

warmer than they were here in Bend

145

00:06:55,550 --> 00:06:53,460

Oregon where I live so I was used to it

146

00:06:57,230 --> 00:06:55,560

but nevertheless you know I can go

147

00:06:58,909 --> 00:06:57,240

outside for 15 minutes here and I'm fine

148

00:07:01,969 --> 00:06:58,919

but when you're outside for six hours

149

00:07:04,010 --> 00:07:01,979

that's a bit of a difference

150

00:07:05,510 --> 00:07:04,020

and my wardrobe

151  
00:07:07,969 --> 00:07:05,520  
was

152  
00:07:10,129 --> 00:07:07,979  
um I've got a hoodie that says that has

153  
00:07:11,930 --> 00:07:10,139  
the uh uh science is better than

154  
00:07:13,670 --> 00:07:11,940  
pseudoscience Little Ghost in the rocket

155  
00:07:17,870 --> 00:07:13,680  
logo on it

156  
00:07:19,909 --> 00:07:17,880  
and that's it no hat no big parka no

157  
00:07:22,070 --> 00:07:19,919  
hood or anything so I wanted to stay in

158  
00:07:25,430 --> 00:07:22,080  
my normal wardrobe if I could

159  
00:07:27,830 --> 00:07:25,440  
So the plan was

160  
00:07:29,930 --> 00:07:27,840  
we broke the script up into a bunch of

161  
00:07:31,550 --> 00:07:29,940  
different segments and each one of these

162  
00:07:33,770 --> 00:07:31,560  
segments was separate on the

163  
00:07:35,870 --> 00:07:33,780

teleprompter

164

00:07:37,370 --> 00:07:35,880

um and the idea was that between each

165

00:07:38,629 --> 00:07:37,380

one of the segments we could take some

166

00:07:42,230 --> 00:07:38,639

warm-up time

167

00:07:44,390 --> 00:07:42,240

so we came very well prepared we had a

168

00:07:47,629 --> 00:07:44,400

warming Hut which was in the form of a

169

00:07:50,749 --> 00:07:47,639

Tesla set to Camp mode at 75 degrees

170

00:07:52,969 --> 00:07:50,759

Fahrenheit what's that in Australian

171

00:07:54,950 --> 00:07:52,979

terms it sounds nice and wounded me I'd

172

00:07:57,830 --> 00:07:54,960

have to do the translation listeners

173

00:08:01,790 --> 00:07:57,840

might know well it's nice and warm

174

00:08:04,249 --> 00:08:01,800

I had I got these uh 2022 something like

175

00:08:07,309 --> 00:08:04,259

that okay I got these long underwear

176

00:08:10,790 --> 00:08:07,319

that were very thick they were like like

177

00:08:12,529 --> 00:08:10,800

Navy SEAL long underwear like like that

178

00:08:15,290 --> 00:08:12,539

thick all fleecy and fuzzy and

179

00:08:16,850 --> 00:08:15,300

everything I put them under my clothes I

180

00:08:19,010 --> 00:08:16,860

could I was like the Michelin Man I

181

00:08:22,070 --> 00:08:19,020

could barely move

182

00:08:24,589 --> 00:08:22,080

and I had hot packs all over my body

183

00:08:27,230 --> 00:08:24,599

about a thousand of them down my legs in

184

00:08:29,869 --> 00:08:27,240

my shirt in my underwear all around

185

00:08:32,329 --> 00:08:29,879

everywhere and a bunch more and the

186

00:08:34,490 --> 00:08:32,339

hoodie has a has a pocket like this so I

187

00:08:36,230 --> 00:08:34,500

had them in there too so whenever we

188

00:08:37,969 --> 00:08:36,240

weren't filming I could put my hands in

189

00:08:43,790 --> 00:08:37,979

there warm my hands take them out put

190

00:08:48,350 --> 00:08:45,650

I mean I think we did everything you can

191

00:08:50,090 --> 00:08:48,360

reasonably do to be warm so I had the

192

00:08:51,650 --> 00:08:50,100

warming Hut right there because we're

193

00:08:53,870 --> 00:08:51,660

shooting we're only feet from from the

194

00:08:56,269 --> 00:08:53,880

car we're not that far from the car and

195

00:08:59,329 --> 00:08:56,279

the car is only five minutes or well it

196

00:09:02,690 --> 00:08:59,339

was 20 minutes from our house we had an

197

00:09:05,389 --> 00:09:02,700

Airbnb in Bishop California which is a

198

00:09:08,930 --> 00:09:05,399

beautiful house lots of fun

199

00:09:11,389 --> 00:09:08,940

so I thought we were pretty well covered

200

00:09:14,329 --> 00:09:11,399

but after the first few hours we shot

201  
00:09:17,509 --> 00:09:14,339  
four of six segments

202  
00:09:21,350 --> 00:09:17,519  
and I began slurring my speech

203  
00:09:23,750 --> 00:09:21,360  
I was like I was talking very slow and

204  
00:09:25,910 --> 00:09:23,760  
if you watch the footage back it's like

205  
00:09:27,889 --> 00:09:25,920  
this and it's like that's not gonna work

206  
00:09:28,970 --> 00:09:27,899  
but I didn't notice that at the time

207  
00:09:30,889 --> 00:09:28,980  
because

208  
00:09:32,870 --> 00:09:30,899  
I was inside that brain that was doing

209  
00:09:34,490 --> 00:09:32,880  
that so I couldn't tell that I was

210  
00:09:36,590 --> 00:09:34,500  
speaking slowly but I I could tell that

211  
00:09:39,290 --> 00:09:36,600  
I couldn't enunskate words special

212  
00:09:41,810 --> 00:09:39,300  
relativity was the worst I could not say

213  
00:09:43,870 --> 00:09:41,820

special relativity I can barely say it

214

00:09:46,850 --> 00:09:43,880

now but

215

00:09:47,930 --> 00:09:46,860

that was my every because it came to a

216

00:09:49,610 --> 00:09:47,940

segment where I had to say that a lot

217

00:09:51,290 --> 00:09:49,620

and I just couldn't do it

218

00:09:53,930 --> 00:09:51,300

and we're like doing all these retakes

219

00:09:55,790 --> 00:09:53,940

and retakes and retakes and and then I

220

00:09:58,370 --> 00:09:55,800

started shuddering and I couldn't stop

221

00:10:01,370 --> 00:09:58,380

shuddering

222

00:10:05,509 --> 00:10:01,380

and I started I was just get it slowing

223

00:10:06,710 --> 00:10:05,519

down so much and less and less able to

224

00:10:09,530 --> 00:10:06,720

speak

225

00:10:11,329 --> 00:10:09,540

and one of the guys we had a camera guy

226  
00:10:14,750 --> 00:10:11,339  
and a sound guy we one of the guys said

227  
00:10:15,949 --> 00:10:14,760  
yeah I think you're getting hypothermia

228  
00:10:18,530 --> 00:10:15,959  
and

229  
00:10:21,769 --> 00:10:18,540  
like later we looked up on one of our

230  
00:10:22,910 --> 00:10:21,779  
phones symptoms of hypothermia and I had

231  
00:10:26,750 --> 00:10:22,920  
them all

232  
00:10:29,030 --> 00:10:26,760  
and one of them was memory loss to this

233  
00:10:29,930 --> 00:10:29,040  
day I don't remember getting back to the

234  
00:10:32,210 --> 00:10:29,940  
house

235  
00:10:33,590 --> 00:10:32,220  
or a lot of what happened when we

236  
00:10:35,750 --> 00:10:33,600  
finally turned the camera off and gave

237  
00:10:37,550 --> 00:10:35,760  
up shooting even around I know that that

238  
00:10:40,130 --> 00:10:37,560

happened but I don't remember most of it

239

00:10:43,870 --> 00:10:40,140

so I have significant memory loss about

240

00:10:46,430 --> 00:10:43,880

what was going on at the time and it

241

00:10:48,590 --> 00:10:46,440

showed up on the film

242

00:10:50,569 --> 00:10:48,600

so we had to actually abandon the shoot

243

00:10:53,870 --> 00:10:50,579

about two-thirds of the way through well

244

00:10:57,110 --> 00:10:53,880

apart from the memory loss after you

245

00:11:01,009 --> 00:10:57,120

know packing up Do You Remember

246

00:11:03,650 --> 00:11:01,019

is it like a a cold taking you over do

247

00:11:05,750 --> 00:11:03,660

you feel chill to the Bone do you I mean

248

00:11:07,850 --> 00:11:05,760

how do you feel

249

00:11:08,569 --> 00:11:07,860

I didn't feel that cold

250

00:11:10,610 --> 00:11:08,579

um

251

00:11:13,970 --> 00:11:10,620

my body was warm

252

00:11:16,610 --> 00:11:13,980

my head was very cold my face was numb

253

00:11:18,170 --> 00:11:16,620

my ears were numb and in fact my face

254

00:11:20,930 --> 00:11:18,180

being cold and numb was what I

255

00:11:23,630 --> 00:11:20,940

attributed my inability to say special

256

00:11:26,030 --> 00:11:23,640

relativity so I just thought well my

257

00:11:28,190 --> 00:11:26,040

face is numb and so I'm holding cold

258

00:11:29,930 --> 00:11:28,200

packs up on my face trying to warm up my

259

00:11:31,009 --> 00:11:29,940

cheeks trying to warm up my tongue

260

00:11:32,410 --> 00:11:31,019

everything and it just made no

261

00:11:36,829 --> 00:11:32,420

difference

262

00:11:40,370 --> 00:11:36,839

and my head was kind of just numb I mean

263

00:11:42,230 --> 00:11:40,380

by the time we stopped filming I was

264

00:11:44,389 --> 00:11:42,240

like I say I don't really remember much

265

00:11:47,030 --> 00:11:44,399

of it but I was I was just I was out of

266

00:11:48,650 --> 00:11:47,040

it it's dedication dedication to science

267

00:11:49,490 --> 00:11:48,660

you've got it in

268

00:11:51,829 --> 00:11:49,500

um

269

00:11:53,870 --> 00:11:51,839

Spades in truckloads of dedication to

270

00:11:56,630 --> 00:11:53,880

science all right so

271

00:11:59,350 --> 00:11:56,640

was there enable an enable there you are

272

00:12:02,630 --> 00:11:59,360

maybe I've got hypothermia was there any

273

00:12:04,130 --> 00:12:02,640

usable things from that night or is it

274

00:12:09,230 --> 00:12:04,140

yeah

275

00:12:11,630 --> 00:12:09,240

big segments is what I broke the script

276

00:12:12,650 --> 00:12:11,640

up into we got through the first three

277

00:12:15,710 --> 00:12:12,660

are fine

278

00:12:17,990 --> 00:12:15,720

number four is kind of iffy a lot of it

279

00:12:20,389 --> 00:12:18,000

I was speaking too slow and there was a

280

00:12:23,269 --> 00:12:20,399

lot of retakes through it so we did

281

00:12:25,430 --> 00:12:23,279

retakes that I was able to use and don't

282

00:12:29,329 --> 00:12:25,440

tell anyone this but for some of the

283

00:12:32,269 --> 00:12:29,339

segments that were just slow I actually

284

00:12:34,490 --> 00:12:32,279

sped them up five to ten percent

285

00:12:36,530 --> 00:12:34,500

speeding up the video is easy speeding

286

00:12:38,269 --> 00:12:36,540

up the audio without sounding like a

287

00:12:40,610 --> 00:12:38,279

chipmunk is more complicated so we had

288

00:12:43,430 --> 00:12:40,620

to use more advanced audio tools to do

289

00:12:46,610 --> 00:12:43,440

that but it works it gets away with it

290

00:12:49,610 --> 00:12:46,620

and then we actually after we abandoned

291

00:12:51,110 --> 00:12:49,620

the shoot we went back to the house and

292

00:12:52,730 --> 00:12:51,120

I don't remember how we got back to the

293

00:12:55,670 --> 00:12:52,740

house

294

00:12:58,009 --> 00:12:55,680

I took a hot shower

295

00:13:01,670 --> 00:12:58,019

and then all of a sudden I found myself

296

00:13:04,790 --> 00:13:01,680

on the bed waking up and I'm going oh my

297

00:13:07,009 --> 00:13:04,800

God what happened we we've got to finish

298

00:13:08,629 --> 00:13:07,019

we've got to finish shooting

299

00:13:10,490 --> 00:13:08,639

and I went and woke up the other guys

300

00:13:11,810 --> 00:13:10,500

and it turned out to be about midnight

301  
00:13:14,030 --> 00:13:11,820  
by then I would have thought it was much

302  
00:13:15,889 --> 00:13:14,040  
later but that's all it was I woke up

303  
00:13:17,449 --> 00:13:15,899  
the other guys and I said we've got to

304  
00:13:20,210 --> 00:13:17,459  
finish the shoot I don't care how we do

305  
00:13:23,269 --> 00:13:20,220  
it but we've got to finish it somehow

306  
00:13:25,910 --> 00:13:23,279  
and we decided to get up at 4 30 in the

307  
00:13:28,370 --> 00:13:25,920  
morning and go out and meet the sunrise

308  
00:13:31,750 --> 00:13:28,380  
and that ended up being the sunrise that

309  
00:13:35,449 --> 00:13:31,760  
ends the movie the timing was perfect

310  
00:13:38,090 --> 00:13:35,459  
by the time we got up at 4 30 I was back

311  
00:13:40,730 --> 00:13:38,100  
to normal I was 100 percent

312  
00:13:42,470 --> 00:13:40,740  
and by the time we finished that morning

313  
00:13:44,810 --> 00:13:42,480

shoot

314

00:13:47,509 --> 00:13:44,820

segments five and six when we finish

315

00:13:49,850 --> 00:13:47,519

segment six I started experimenting

316

00:13:52,610 --> 00:13:49,860

trying to say special relativity

317

00:13:54,650 --> 00:13:52,620

it was already I was I was it was

318

00:13:56,629 --> 00:13:54,660

happening again so I was really glad

319

00:13:57,710 --> 00:13:56,639

that we were done we got back in the car

320

00:14:00,170 --> 00:13:57,720

and

321

00:14:02,090 --> 00:14:00,180

that morning shoot they made sure that I

322

00:14:03,470 --> 00:14:02,100

stayed in the car too there was I was

323

00:14:05,329 --> 00:14:03,480

not allowed to be out of the car unless

324

00:14:07,550 --> 00:14:05,339

the camera was actually rolling

325

00:14:09,290 --> 00:14:07,560

so the warming Hut and the heaters and

326

00:14:10,390 --> 00:14:09,300

that we had warm warm bottles of water

327

00:14:12,170 --> 00:14:10,400

in there and everything good

328

00:14:14,329 --> 00:14:12,180

[Music]

329

00:14:15,889 --> 00:14:14,339

we were very well prepared

330

00:14:18,470 --> 00:14:15,899

um

331

00:14:19,790 --> 00:14:18,480

just apparently not as well as we would

332

00:14:22,009 --> 00:14:19,800

have needed to be

333

00:14:24,170 --> 00:14:22,019

well that was a close call because it is

334

00:14:26,509 --> 00:14:24,180

a dangerous thing I mean hypothermia is

335

00:14:29,030 --> 00:14:26,519

it I don't know is there any longer

336

00:14:31,790 --> 00:14:29,040

lasting effects or you're okay

337

00:14:33,970 --> 00:14:31,800

so I did have to read about that and it

338

00:14:36,170 --> 00:14:33,980

turns out there are long lasting effects

339

00:14:38,269 --> 00:14:36,180

hypothermia and hypothermia they're

340

00:14:40,850 --> 00:14:38,279

actually brain injuries

341

00:14:43,129 --> 00:14:40,860

and once you have one you're more

342

00:14:45,050 --> 00:14:43,139

susceptible to get it in the future so

343

00:14:47,290 --> 00:14:45,060

I'm actually more susceptible to

344

00:14:50,329 --> 00:14:47,300

hypothermia in the future

345

00:14:51,410 --> 00:14:50,339

and so I'm going to be more careful in

346

00:14:54,470 --> 00:14:51,420

the future

347

00:14:56,930 --> 00:14:54,480

so you should be so be that as it may

348

00:14:58,670 --> 00:14:56,940

the the you're on the as we said before

349

00:15:00,230 --> 00:14:58,680

you're on the home stretch with the

350

00:15:04,250 --> 00:15:00,240

documentary

351  
00:15:05,350 --> 00:15:04,260  
have you got a proposed finished date in

352  
00:15:07,490 --> 00:15:05,360  
mind

353  
00:15:09,710 --> 00:15:07,500  
not specifically

354  
00:15:11,509 --> 00:15:09,720  
um I mean the the dates that I have are

355  
00:15:13,069 --> 00:15:11,519  
approximate it's going to be about

356  
00:15:16,790 --> 00:15:13,079  
another three weeks of editing and then

357  
00:15:19,189 --> 00:15:16,800  
about a month of of the the color and

358  
00:15:20,930 --> 00:15:19,199  
the sound and the scoring are all three

359  
00:15:22,490 --> 00:15:20,940  
different professionals who have their

360  
00:15:24,530 --> 00:15:22,500  
different schedules so I can't really

361  
00:15:26,030 --> 00:15:24,540  
speak for them but that's that's

362  
00:15:28,910 --> 00:15:26,040  
approximately the time frame we're

363  
00:15:31,490 --> 00:15:28,920

looking at so we're looking hopefully in

364

00:15:34,430 --> 00:15:31,500

the middle of the year maybe the

365

00:15:38,750 --> 00:15:34,440

towards the end of the year uh this is a

366

00:15:41,449 --> 00:15:38,760

February give it to two months yeah I

367

00:15:43,370 --> 00:15:41,459

think I think by the beginning of May it

368

00:15:46,189 --> 00:15:43,380

should be definitely should be finished

369

00:15:47,329 --> 00:15:46,199

by then I'll be shocked if it's not

370

00:15:49,189 --> 00:15:47,339

all right that's something to look

371

00:15:51,829 --> 00:15:49,199

forward to so Brian a pleasure to see

372

00:15:54,410 --> 00:15:51,839

you as always and thanks for the for the

373

00:15:57,410 --> 00:15:54,420

lovely lunch we're about to eat and

374

00:15:59,449 --> 00:15:57,420

my drink and taking me to this wonderful

375

00:16:01,730 --> 00:15:59,459

place here in Bend where are we exactly

376

00:16:03,889 --> 00:16:01,740

uh this is 10 Barrel West one of the

377

00:16:06,069 --> 00:16:03,899

breweries in Bend Oregon this is one of

378

00:16:08,750 --> 00:16:06,079

their two locations here in town and

379

00:16:10,670 --> 00:16:08,760

it's good it's always good but all the

380

00:16:12,050 --> 00:16:10,680

places in Bend are always good so well

381

00:16:13,970 --> 00:16:12,060

thank you folks this is Richard

382

00:16:14,500 --> 00:16:13,980

son Brian Dunning signing off from Bend

383

00:16:21,790 --> 00:16:14,510

Oregon

384

00:16:24,230 --> 00:16:21,800

[Music]

385

00:16:26,389 --> 00:16:24,240

hi this is Brian Dunning from the

386

00:16:28,430 --> 00:16:26,399

skeptoid podcast wishing Richard

387

00:16:30,490 --> 00:16:28,440

Saunders and the team at the skeptic

388

00:16:38,350 --> 00:16:30,500

Zone a happy

389

00:16:44,030 --> 00:16:41,629

hey Adrian hi Susan out for some

390

00:16:46,129 --> 00:16:44,040

shopping eh yep I'm stocking up on this

391

00:16:47,530 --> 00:16:46,139

invitation maple syrup from Australia

392

00:16:53,870 --> 00:16:47,540

imitation

393

00:16:56,150 --> 00:16:53,880

the real thing from Canada

394

00:16:58,189 --> 00:16:56,160

but I saw the TV commercial and it said

395

00:16:59,990 --> 00:16:58,199

that noted pancake eating expert Richard

396

00:17:02,569 --> 00:17:00,000

Saunders says it's the best maple syrup

397

00:17:05,030 --> 00:17:02,579

many can buy and 60 of people preferred

398

00:17:08,270 --> 00:17:05,040

in a blind taste test everyone knows

399

00:17:10,549 --> 00:17:08,280

it's the best oh come on Susan you know

400

00:17:14,150 --> 00:17:10,559

better than that that's the argument

401  
00:17:17,510 --> 00:17:14,160  
from Authority it is or is it the

402  
00:17:19,730 --> 00:17:17,520  
argument from popularity hmm

403  
00:17:22,010 --> 00:17:19,740  
it might be another logical fallacy I'm

404  
00:17:26,609 --> 00:17:22,020  
not sure really if only we had a way of

405  
00:17:26,619 --> 00:17:29,870  
[Music]

406  
00:17:35,570 --> 00:17:33,350  
one oh my is the skeptical Fairy

407  
00:17:38,150 --> 00:17:35,580  
Godmother angel from the internet yes

408  
00:17:40,669 --> 00:17:38,160  
that's right but how did you know who I

409  
00:17:44,150 --> 00:17:40,679  
am I listened to the skeptic Zone

410  
00:17:47,150 --> 00:17:44,160  
podcast also didn't you used to be the

411  
00:17:49,630 --> 00:17:47,160  
Tooth Fairy Oh yes

412  
00:17:53,090 --> 00:17:49,640  
I remember you

413  
00:17:55,990 --> 00:17:53,100

I'll never forget your left upper

414

00:18:00,590 --> 00:17:56,000

lateral incisor would you like it back

415

00:18:02,330 --> 00:18:00,600

no it's okay you keep it hey skeptical

416

00:18:04,669 --> 00:18:02,340

Fairy Godmother Angel what are you doing

417

00:18:07,310 --> 00:18:04,679

here in the supermarket I've come to

418

00:18:09,529 --> 00:18:07,320

tell you that you can find out about 40

419

00:18:14,090 --> 00:18:09,539

different logical fallacies on YouTube

420

00:18:16,850 --> 00:18:14,100

in one handy location listen to each one

421

00:18:18,909 --> 00:18:16,860

to hear an explanation and examples of

422

00:18:22,270 --> 00:18:18,919

how they might be used

423

00:18:24,010 --> 00:18:22,280

oh just go to

424

00:18:27,710 --> 00:18:24,020

tinyurl.com

425

00:18:29,510 --> 00:18:27,720

logical Zone and you'll find all the

426

00:18:32,930 --> 00:18:29,520

logical fallacies with Michelle

427

00:18:35,150 --> 00:18:32,940

bickersma with handy time codes to get

428

00:18:37,250 --> 00:18:35,160

to the exact one you want who is

429

00:18:39,909 --> 00:18:37,260

Michelle bigesma

430

00:18:41,650 --> 00:18:39,919

um just a friend of mine

431

00:18:45,110 --> 00:18:41,660

tinyurl.com

432

00:18:47,750 --> 00:18:45,120

logical Zone thank you skeptical Fairy

433

00:18:50,990 --> 00:18:47,760

Godmother angel I guess you'll disappear

434

00:18:53,990 --> 00:18:51,000

in a puff of smoke and thunder now eh

435

00:18:58,970 --> 00:18:54,000

um not quite yet I have a bit of

436

00:19:03,409 --> 00:18:58,980

shopping to do Susan yes where do I find

437

00:19:05,330 --> 00:19:03,419

the Australian maple syrup hmm what no

438

00:19:08,990 --> 00:19:05,340

no no no come with me so-called

439

00:19:16,610 --> 00:19:09,000

skeptical fairy this is real maple syrup

440

00:19:16,620 --> 00:19:19,940

foreign

441

00:19:44,150 --> 00:19:36,529

[Music]

442

00:19:51,650 --> 00:19:47,750

hello everyone this is Susan gerbick uh

443

00:19:55,310 --> 00:19:51,660

Richard has asked me to read an article

444

00:19:58,370 --> 00:19:55,320

that I have written about Harriet Hall

445

00:20:01,130 --> 00:19:58,380

the skept doc and

446

00:20:03,789 --> 00:20:01,140

um in tribute to her it published in

447

00:20:07,320 --> 00:20:03,799

skeptical inquire magazine well online

448

00:20:12,590 --> 00:20:07,330

January 27 2023

449

00:20:14,810 --> 00:20:12,600

[Music]

450

00:20:15,710 --> 00:20:14,820

Harriet a hall was born in St Louis

451  
00:20:20,049 --> 00:20:15,720  
Missouri

452  
00:20:24,230 --> 00:20:20,059  
on July 2nd 1945 and died on January 11

453  
00:20:26,570 --> 00:20:24,240  
2023 in her home in Washington

454  
00:20:29,630 --> 00:20:26,580  
Richard Saunders just replayed on his

455  
00:20:31,610 --> 00:20:29,640  
podcast the skeptic Zone a 2007

456  
00:20:34,190 --> 00:20:31,620  
interview he had done with Harriet Hall

457  
00:20:36,049 --> 00:20:34,200  
when they were both on a j-rift cruise

458  
00:20:37,789 --> 00:20:36,059  
to Alaska

459  
00:20:40,669 --> 00:20:37,799  
it was Harriet's first ever podcast

460  
00:20:42,770 --> 00:20:40,679  
interview ever and re-listening to it

461  
00:20:44,990 --> 00:20:42,780  
today made me pause and consider how

462  
00:20:46,909 --> 00:20:45,000  
much she gave to our community and how

463  
00:20:49,070 --> 00:20:46,919

fortunate we are to have had her with us

464

00:20:51,169 --> 00:20:49,080

for as long as we did

465

00:20:53,169 --> 00:20:51,179

she explained to Richard that for many

466

00:20:55,789 --> 00:20:53,179

years she'd been a passive skeptic

467

00:20:58,310 --> 00:20:55,799

attending the conferences and doing the

468

00:21:00,830 --> 00:20:58,320

readings but never expecting to be more

469

00:21:03,950 --> 00:21:00,840

active than that but then she attended

470

00:21:06,830 --> 00:21:03,960

the CSI Skeptics toolbox held at the

471

00:21:09,590 --> 00:21:06,840

University of Eugene led by Ray Hyman

472

00:21:12,169 --> 00:21:09,600

Barry bierstein Wally Sampson James

473

00:21:14,870 --> 00:21:12,179

Alcott Lauren Pancras and with his

474

00:21:15,770 --> 00:21:14,880

amazing optical illusions in tow Gerry

475

00:21:17,630 --> 00:21:15,780

Andres

476

00:21:19,250 --> 00:21:17,640

Harriet told Richard that it was at the

477

00:21:20,930 --> 00:21:19,260

toolbox that she realized she had found

478

00:21:23,270 --> 00:21:20,940

her community and with some

479

00:21:25,549 --> 00:21:23,280

encouragement from the toolbox faculty

480

00:21:26,990 --> 00:21:25,559

tried her hand at writing an article on

481

00:21:29,210 --> 00:21:27,000

medical quackery

482

00:21:31,850 --> 00:21:29,220

one thing led to another and she became

483

00:21:34,669 --> 00:21:31,860

prolific publishing in skeptical inquire

484

00:21:36,590 --> 00:21:34,679

and skeptic as well as a short stint for

485

00:21:38,149 --> 00:21:36,600

one of Oprah's magazines

486

00:21:39,830 --> 00:21:38,159

she then went on to write for

487

00:21:42,049 --> 00:21:39,840

science-based medicine

488

00:21:45,049 --> 00:21:42,059

she started writing career later in life

489

00:21:47,029 --> 00:21:45,059

but made up for it with her productivity

490

00:21:51,110 --> 00:21:47,039

I met her at one of the skeptic toolbox

491

00:21:53,149 --> 00:21:51,120

events I was also a passive skeptic

492

00:21:54,830 --> 00:21:53,159

just hanging out waiting to see where I

493

00:21:56,270 --> 00:21:54,840

fit in the wild world of scientific

494

00:21:58,490 --> 00:21:56,280

skepticism

495

00:22:00,350 --> 00:21:58,500

I'd never ever thought in my wildest

496

00:22:03,350 --> 00:22:00,360

dreams that I would also become a writer

497

00:22:06,890 --> 00:22:03,360

for skeptical inquire and in some far

498

00:22:10,310 --> 00:22:06,900

out year of 2023 would be asked to write

499

00:22:12,289 --> 00:22:10,320

Harriet's obituary for that publication

500

00:22:14,630 --> 00:22:12,299

I think Harriet would have called both

501  
00:22:16,430 --> 00:22:14,640  
our careers surreal

502  
00:22:18,289 --> 00:22:16,440  
but within this community we both

503  
00:22:21,110 --> 00:22:18,299  
learned that all hands were needed on

504  
00:22:23,510 --> 00:22:21,120  
Deck we need all skills and all

505  
00:22:25,190 --> 00:22:23,520  
motivations all hopes of slowing down

506  
00:22:27,289 --> 00:22:25,200  
need to be forgotten

507  
00:22:28,430 --> 00:22:27,299  
there was work to be done and Harriet

508  
00:22:30,409 --> 00:22:28,440  
stepped up

509  
00:22:32,990 --> 00:22:30,419  
even after a career in the United States

510  
00:22:35,330 --> 00:22:33,000  
Air Force as a flight surgeon retiring

511  
00:22:38,630 --> 00:22:35,340  
is a colonel even after receiving her

512  
00:22:40,310 --> 00:22:38,640  
pilot's license she kept on stepping up

513  
00:22:43,430 --> 00:22:40,320

Harriet had never published anything

514

00:22:45,590 --> 00:22:43,440

before but her quick wit and snarky

515

00:22:47,090 --> 00:22:45,600

responses in print had editors seeking

516

00:22:50,330 --> 00:22:47,100

her out to write more

517

00:22:53,750 --> 00:22:50,340

in 2008 she wrote women aren't supposed

518

00:22:56,570 --> 00:22:53,760

to fly the Memoirs of a flight surgeon

519

00:23:00,529 --> 00:22:56,580

of a female flight surgeon about her

520

00:23:03,130 --> 00:23:00,539

military life from 1969 to 1989 and her

521

00:23:05,390 --> 00:23:03,140

experiences living in Spain

522

00:23:07,310 --> 00:23:05,400

I know people thought of her as a

523

00:23:09,350 --> 00:23:07,320

feminist but I'm not sure she would have

524

00:23:11,630 --> 00:23:09,360

thought of herself that way we had

525

00:23:14,750 --> 00:23:11,640

conversations about the pressure she

526

00:23:17,330 --> 00:23:14,760

felt to be the female Trend Setter in

527

00:23:19,669 --> 00:23:17,340

the skeptic Community it wasn't a role

528

00:23:22,789 --> 00:23:19,679

she wanted pushed on her Harriet was

529

00:23:25,430 --> 00:23:22,799

clear she wanted just to be Harriet Hall

530

00:23:27,950 --> 00:23:25,440

the skept doc in an email exchange I had

531

00:23:30,710 --> 00:23:27,960

with Harriet a couple years ago we both

532

00:23:32,270 --> 00:23:30,720

were added to one of those females of

533

00:23:34,970 --> 00:23:32,280

skepticismless

534

00:23:37,909 --> 00:23:34,980

and I was expressing my frustration and

535

00:23:40,070 --> 00:23:37,919

feeling like I was being placated not

536

00:23:43,130 --> 00:23:40,080

good enough to be with the men

537

00:23:44,930 --> 00:23:43,140

Harriet wrote me back I agree with you I

538

00:23:47,090 --> 00:23:44,940

hope someday people will not even notice

539

00:23:49,010 --> 00:23:47,100

sex or gender but just recognizability

540

00:23:51,110 --> 00:23:49,020

and accomplishments

541

00:23:54,289 --> 00:23:51,120

and Harriet did Step Up

542

00:23:56,270 --> 00:23:54,299

over and over for our community

543

00:23:57,649 --> 00:23:56,280

you might not be aware of how prolific

544

00:23:59,630 --> 00:23:57,659

she was

545

00:24:01,730 --> 00:23:59,640

she became a fellow for the committee

546

00:24:03,409 --> 00:24:01,740

for skeptical inquiry as well as

547

00:24:06,110 --> 00:24:03,419

receiving a fellowship for the German

548

00:24:07,970 --> 00:24:06,120

skeptic script GW Bay

549

00:24:10,430 --> 00:24:07,980

she was a founding member of The

550

00:24:13,250 --> 00:24:10,440

Institute for science and medicine and

551  
00:24:15,230 --> 00:24:13,260  
in 2015 published a series of videos for

552  
00:24:16,570 --> 00:24:15,240  
the James Randy Educational Foundation

553  
00:24:19,250 --> 00:24:16,580  
titled

554  
00:24:22,149 --> 00:24:19,260  
science-based medicine in which she

555  
00:24:24,529 --> 00:24:22,159  
attacked Homeopathy acupuncture

556  
00:24:27,289 --> 00:24:24,539  
Chiropractic and more

557  
00:24:30,049 --> 00:24:27,299  
that series of 10 videos is almost a

558  
00:24:31,430 --> 00:24:30,059  
hundred thousand views and personally I

559  
00:24:32,990 --> 00:24:31,440  
think it should be more like a hundred

560  
00:24:34,850 --> 00:24:33,000  
million views

561  
00:24:36,950 --> 00:24:34,860  
she gave the Australian Skeptics

562  
00:24:39,470 --> 00:24:36,960  
unlimited access to her published

563  
00:24:42,049 --> 00:24:39,480

personal work so I'm sure they will be

564

00:24:44,930 --> 00:24:42,059

used to continue to educate

565

00:24:46,430 --> 00:24:44,940

Harriet's frankness and pithy humor

566

00:24:49,490 --> 00:24:46,440

comes through in her videos and her

567

00:24:51,890 --> 00:24:49,500

writings the gsow project that I run

568

00:24:54,830 --> 00:24:51,900

often uses articles that she had written

569

00:24:57,409 --> 00:24:54,840

for the appropriate Wikipedia pages

570

00:24:59,270 --> 00:24:57,419

in preparation for this article I

571

00:25:00,890 --> 00:24:59,280

Revisited some of the quotes we had left

572

00:25:03,710 --> 00:25:00,900

for others to find

573

00:25:05,330 --> 00:25:03,720

on the colon cleansing Wikipedia page we

574

00:25:08,270 --> 00:25:05,340

quote her saying

575

00:25:10,070 --> 00:25:08,280

the colon cleanses itself the idea that

576  
00:25:12,770 --> 00:25:10,080  
the walls are coated with years old

577  
00:25:14,289 --> 00:25:12,780  
hamburger residues preposterous

578  
00:25:16,850 --> 00:25:14,299  
foreign

579  
00:25:19,970 --> 00:25:16,860  
Northrop Wikipedia page

580  
00:25:21,830 --> 00:25:19,980  
we added this quote MDS who recommend

581  
00:25:24,049 --> 00:25:21,840  
quackery along with legitimate medical

582  
00:25:25,909 --> 00:25:24,059  
advice are arguably more dangerous than

583  
00:25:28,490 --> 00:25:25,919  
outright quacks because people are more

584  
00:25:31,310 --> 00:25:28,500  
likely to take them seriously

585  
00:25:32,510 --> 00:25:31,320  
she gave the Netflix series unwell two

586  
00:25:34,970 --> 00:25:32,520  
thumbs down

587  
00:25:38,029 --> 00:25:34,980  
and what the health another faux Health

588  
00:25:39,890 --> 00:25:38,039

documentary series not a reliable source

589

00:25:43,370 --> 00:25:39,900

of scientific information

590

00:25:45,890 --> 00:25:43,380

her own local newspaper the news

591

00:25:48,830 --> 00:25:45,900

Tribune's Wikipedia page got a piece of

592

00:25:51,169 --> 00:25:48,840

her mind when we added Harriet Hall

593

00:25:55,630 --> 00:25:51,179

criticized the News Tribune in skeptical

594

00:25:57,529 --> 00:25:55,640

inquire in 2019 for its acceptance of

595

00:26:00,049 --> 00:25:57,539

advertisements for health related

596

00:26:02,630 --> 00:26:00,059

products that intimated the presentation

597

00:26:04,549 --> 00:26:02,640

of real articles with only a small

598

00:26:06,230 --> 00:26:04,559

disclaimer

599

00:26:08,690 --> 00:26:06,240

and you might think it's no big deal

600

00:26:10,130 --> 00:26:08,700

because we all know these are faux

601  
00:26:11,570 --> 00:26:10,140  
Health shows and they're full of

602  
00:26:14,390 --> 00:26:11,580  
misinformation

603  
00:26:16,430 --> 00:26:14,400  
but what you might not understand is

604  
00:26:18,710 --> 00:26:16,440  
that when these documentaries first came

605  
00:26:21,470 --> 00:26:18,720  
out and someone created the Wikipedia

606  
00:26:22,430 --> 00:26:21,480  
Pages there was no notable criticism to

607  
00:26:26,029 --> 00:26:22,440  
be found

608  
00:26:27,529 --> 00:26:26,039  
only fluffy positive articles existed so

609  
00:26:28,730 --> 00:26:27,539  
the public that was clamoring to

610  
00:26:31,850 --> 00:26:28,740  
understand of what they were just

611  
00:26:33,649 --> 00:26:31,860  
watching was science real science or had

612  
00:26:36,049 --> 00:26:33,659  
gotten you know they only got nothing

613  
00:26:38,510 --> 00:26:36,059

but positive nonsense to find

614

00:26:40,850 --> 00:26:38,520

and Harriet stepped up

615

00:26:42,830 --> 00:26:40,860

she watched the shows and got her

616

00:26:44,450 --> 00:26:42,840

reviews out as fast as she could for the

617

00:26:46,610 --> 00:26:44,460

readers to find and learn that they were

618

00:26:48,169 --> 00:26:46,620

being conned with slick fast talking

619

00:26:49,970 --> 00:26:48,179

Quacks

620

00:26:52,250 --> 00:26:49,980

after I asked her to watch one series

621

00:26:53,870 --> 00:26:52,260

and write a review I received this email

622

00:26:56,110 --> 00:26:53,880

from Harriet

623

00:26:58,250 --> 00:26:56,120

it was a truly painful experience

624

00:27:00,110 --> 00:26:58,260

sitting through hours of nonsense

625

00:27:02,750 --> 00:27:00,120

because I had to keep pausing it to take

626

00:27:05,450 --> 00:27:02,760

six pages of notes laboriously

627

00:27:08,690 --> 00:27:05,460

organizing my notes into an article fact

628

00:27:13,510 --> 00:27:08,700

checking and Etc two days of my life

629

00:27:18,409 --> 00:27:16,549

and that was Harriet

630

00:27:21,470 --> 00:27:18,419

always stepping up to do what she could

631

00:27:23,149 --> 00:27:21,480

to help out and with her unique humor

632

00:27:25,549 --> 00:27:23,159

possibly you don't even know how funny

633

00:27:29,390 --> 00:27:25,559

she could be I have a photograph of her

634

00:27:31,610 --> 00:27:29,400

from the 2013 CFI Summit where she

635

00:27:33,529 --> 00:27:31,620

dressed up as a quack buster

636

00:27:36,470 --> 00:27:33,539

she wore a spray bottle around her neck

637

00:27:38,990 --> 00:27:36,480

with a label that said quack B on in

638

00:27:42,169 --> 00:27:39,000

2016 she attended the psychon Halloween

639

00:27:44,630 --> 00:27:42,179

party wearing a sign that simply said

640

00:27:45,890 --> 00:27:44,640

oh oh my gosh I can't say this where do

641

00:27:47,470 --> 00:27:45,900

you know what it is starts with a no

642

00:27:50,810 --> 00:27:47,480

it's really long

643

00:27:53,450 --> 00:27:50,820

she said this is a homeopathic flute

644

00:27:55,070 --> 00:27:53,460

remedy made of duck liver they dilute it

645

00:27:57,289 --> 00:27:55,080

until there's nothing left but the quack

646

00:28:01,610 --> 00:27:57,299

after that she would pull out a duck

647

00:28:06,049 --> 00:28:03,590

for someone who first appeared so quiet

648

00:28:08,630 --> 00:28:06,059

and respectful Harriet sure liked to

649

00:28:10,250 --> 00:28:08,640

tell jokes she was quiet so you had to

650

00:28:12,649 --> 00:28:10,260

sit right next to her and pay attention

651

00:28:14,990 --> 00:28:12,659

to her the only one I can clearly

652

00:28:16,430 --> 00:28:15,000

remember was the one where the guy asked

653

00:28:18,710 --> 00:28:16,440

his doctor if he'd be able to play the

654

00:28:21,409 --> 00:28:18,720

violin after surgery when the doctor

655

00:28:23,029 --> 00:28:21,419

said of course the patient said well

656

00:28:24,289 --> 00:28:23,039

that'll be great because I can't play it

657

00:28:30,049 --> 00:28:24,299

now

658

00:28:32,390 --> 00:28:30,059

hearing her tell them

659

00:28:34,669 --> 00:28:32,400

she became known for the phrase Tooth

660

00:28:36,890 --> 00:28:34,679

Fairy science meaning that some people

661

00:28:40,370 --> 00:28:36,900

try to study a phenomenon before knowing

662

00:28:42,769 --> 00:28:40,380

whether it exists in 2022 Harriet

663

00:28:44,750 --> 00:28:42,779

published the book there's no such thing

664

00:28:46,970 --> 00:28:44,760

as a tooth fairy about a little girl

665

00:28:49,549 --> 00:28:46,980

named Harriet who was trying to convince

666

00:28:51,890 --> 00:28:49,559

her younger brother Henry that the Tooth

667

00:28:53,870 --> 00:28:51,900

Fairy was all made up

668

00:28:56,450 --> 00:28:53,880

it is a Charming story beautifully

669

00:28:57,950 --> 00:28:56,460

illustrated by Kevin Howell I wrote to

670

00:28:59,630 --> 00:28:57,960

her soon after it came out and I told

671

00:29:01,190 --> 00:28:59,640

her that the community needs to find

672

00:29:03,950 --> 00:29:01,200

more harriets

673

00:29:06,890 --> 00:29:03,960

for all that humor Harriet was a realist

674

00:29:08,570 --> 00:29:06,900

she loved to travel but after she

675

00:29:11,870 --> 00:29:08,580

slipped on a high quality attending the

676  
00:29:13,490 --> 00:29:11,880  
2016 Australian Skeptics conference and

677  
00:29:16,669 --> 00:29:13,500  
was hospitalized for what seemed like

678  
00:29:18,590 --> 00:29:16,679  
weeks she slowed down after suffering

679  
00:29:20,570 --> 00:29:18,600  
from congestive heart failure for years

680  
00:29:22,070 --> 00:29:20,580  
she wrote to tell me that she would be

681  
00:29:24,169 --> 00:29:22,080  
staying close to home and concentrating

682  
00:29:27,409 --> 00:29:24,179  
on her writing

683  
00:29:30,049 --> 00:29:27,419  
back in 2012 Harriet Wore a Yellow

684  
00:29:32,269 --> 00:29:30,059  
t-shirt to the amazing meeting that was

685  
00:29:34,370 --> 00:29:32,279  
so controversial it was removed from her

686  
00:29:36,830 --> 00:29:34,380  
Wikipedia page after the photograph I

687  
00:29:38,510 --> 00:29:36,840  
took was uploaded I know she wouldn't

688  
00:29:40,490 --> 00:29:38,520

want to be remembered for the drama we

689

00:29:42,649 --> 00:29:40,500

lived through during those years but I

690

00:29:44,810 --> 00:29:42,659

will mention what she had written on the

691

00:29:46,970 --> 00:29:44,820

back of that yellow t-shirt because it

692

00:29:51,169 --> 00:29:46,980

still encapsulates her

693

00:29:54,230 --> 00:29:51,179

I'm a skeptic not a skept chick not a

694

00:29:58,010 --> 00:29:54,240

woman skeptic just a skeptic

695

00:30:00,730 --> 00:29:58,020

and I hear you hear it and I agree

696

00:30:04,370 --> 00:30:00,740

you have set a standard of productivity

697

00:30:07,010 --> 00:30:04,380

quirkiness frankness that represents all

698

00:30:08,330 --> 00:30:07,020

of us and not just the females in the

699

00:30:10,909 --> 00:30:08,340

community

700

00:30:13,490 --> 00:30:10,919

we all need to model your behavior and

701  
00:30:16,610 --> 00:30:13,500  
step up because we're all needed to fill

702  
00:30:18,350 --> 00:30:16,620  
the void you leave us

703  
00:30:20,029 --> 00:30:18,360  
Harriet's husband shared an email

704  
00:30:22,490 --> 00:30:20,039  
explaining that she had skipped dinner

705  
00:30:24,649 --> 00:30:22,500  
that final Wednesday night and had been

706  
00:30:26,990 --> 00:30:24,659  
filling poorly for a few days

707  
00:30:28,549 --> 00:30:27,000  
she told him she was cold and she was

708  
00:30:30,470 --> 00:30:28,559  
going to go to bed early

709  
00:30:32,149 --> 00:30:30,480  
her husband went to go check on her

710  
00:30:34,130 --> 00:30:32,159  
about 10 o'clock at night and found that

711  
00:30:36,529 --> 00:30:34,140  
she had died in her sleep

712  
00:30:38,570 --> 00:30:36,539  
she survived by her husband Kirk and

713  
00:30:41,750 --> 00:30:38,580

daughters Kimberly and Christian Ann

714

00:30:44,690 --> 00:30:41,760

there will be no formal service

715

00:30:48,590 --> 00:30:44,700

she's going to be sent to Baton Rouge

716

00:30:51,289 --> 00:30:48,600

Louisiana where the family has plots

717

00:30:54,649 --> 00:30:51,299

I haven't yet mourned you my friend

718

00:30:56,690 --> 00:30:54,659

I'm sure I will soon

719

00:30:57,529 --> 00:30:56,700

thinking about what our community has

720

00:31:00,049 --> 00:30:57,539

lost

721

00:31:01,070 --> 00:31:00,059

I'm looking at it like the realest you

722

00:31:04,070 --> 00:31:01,080

were

723

00:31:05,269 --> 00:31:04,080

it's not what we lost but how much we

724

00:31:08,149 --> 00:31:05,279

gained

725

00:31:10,970 --> 00:31:08,159

I wish it were longer you will live on

726

00:31:13,669 --> 00:31:10,980

through your writings and wisdom

727

00:31:17,029 --> 00:31:13,679

damn I still wish you were here

728

00:31:19,970 --> 00:31:17,039

I miss you already and so say we all

729

00:31:22,549 --> 00:31:19,980

Harriet you once told me that I owe you

730

00:31:26,570 --> 00:31:22,559

and as usual you were right

731

00:31:28,720 --> 00:31:26,580

but actually we all owe you thank you

732

00:31:31,190 --> 00:31:28,730

Harriet

733

00:31:32,200 --> 00:31:31,200

[Music]

734

00:31:44,690 --> 00:31:32,210

foreign

735

00:31:48,289 --> 00:31:44,700

[Music]

736

00:31:50,750 --> 00:31:48,299

Dr Harriet Hall MD known to thousands as

737

00:31:52,730 --> 00:31:50,760

the skeptalk was a retired family

738

00:31:55,149 --> 00:31:52,740

physician and former Air Force flight

739

00:31:57,649 --> 00:31:55,159

surgeon who wrote about medicine

740

00:32:01,010 --> 00:31:57,659

so-called complementary and Alternative

741

00:32:02,149 --> 00:32:01,020

Medicine Science quackery and critical

742

00:32:05,690 --> 00:32:02,159

thinking

743

00:32:07,970 --> 00:32:05,700

Harriet produced a free online course of

744

00:32:11,149 --> 00:32:07,980

10 video lectures on science-based

745

00:32:13,549 --> 00:32:11,159

medicine and alternative medicine

746

00:32:15,710 --> 00:32:13,559

the videos and an accompanying course

747

00:32:16,930 --> 00:32:15,720

guide can be found by following the link

748

00:32:20,750 --> 00:32:16,940

at

749

00:32:24,409 --> 00:32:20,760

skipdoc.info or by visiting tinyurl.com

750

00:32:26,389 --> 00:32:24,419

forward slash skip doc series

751  
00:32:28,090 --> 00:32:26,399  
topics covered in the series are

752  
00:32:30,669 --> 00:32:28,100  
science-based medicine versus

753  
00:32:33,769 --> 00:32:30,679  
evidence-based medicine what is Cam

754  
00:32:36,350 --> 00:32:33,779  
Chiropractic acupuncture Homeopathy

755  
00:32:39,070 --> 00:32:36,360  
naturopathy and herbal medicine Energy

756  
00:32:42,409 --> 00:32:39,080  
Medicine miscellaneous Alternatives

757  
00:32:45,230 --> 00:32:42,419  
pitfalls in research and science-based

758  
00:32:47,810 --> 00:32:45,240  
Medicine in the media and politics

759  
00:32:50,269 --> 00:32:47,820  
Harriet covers each Topic in a matter of

760  
00:32:52,850 --> 00:32:50,279  
fact no-nonsense way that is sure to

761  
00:32:54,970 --> 00:32:52,860  
educate and entertain

762  
00:32:58,909 --> 00:32:54,980  
find it at

763  
00:33:00,210 --> 00:32:58,919

tinyurl.com forward slash skep doc

764

00:33:10,310 --> 00:33:00,220

series

765

00:33:10,310 --> 00:33:10,320

[Music]

766

00:33:16,490 --> 00:33:13,830

and now a reading from the book of Tim

767

00:33:19,340 --> 00:33:16,500

[Music]

768

00:33:25,730 --> 00:33:19,350

with Tim Mendham

769

00:33:28,490 --> 00:33:25,740

[Music]

770

00:33:30,950 --> 00:33:28,500

hi my name is Tim Mendham I'm executive

771

00:33:32,990 --> 00:33:30,960

officer of Australian Skeptics Inc and

772

00:33:34,130 --> 00:33:33,000

editor of our quarterly magazine the

773

00:33:35,810 --> 00:33:34,140

skeptic

774

00:33:39,230 --> 00:33:35,820

and today I'll be reading from an issue

775

00:33:41,210 --> 00:33:39,240

of Escape deep from June 2019.

776

00:33:44,570 --> 00:33:41,220

in this section called what goes around

777

00:33:46,970 --> 00:33:44,580

in which we start off with one idea and

778

00:33:48,350 --> 00:33:46,980

very cleverly link through various other

779

00:33:49,330 --> 00:33:48,360

things and bring us back to where we

780

00:33:51,649 --> 00:33:49,340

started

781

00:33:52,430 --> 00:33:51,659

also calls that call it the cycle of

782

00:33:54,649 --> 00:33:52,440

life

783

00:33:59,870 --> 00:33:54,659

this time we're looking at deliriums

784

00:34:05,990 --> 00:34:02,889

[Music]

785

00:34:09,109 --> 00:34:06,000

we start off with delirium of negation

786

00:34:11,690 --> 00:34:09,119

looking at cotards delusion also known

787

00:34:14,329 --> 00:34:11,700

as Walking Corpse Syndrome or Cottage

788

00:34:16,369 --> 00:34:14,339

syndrome which is a rare mental disorder

789

00:34:18,730 --> 00:34:16,379

in which the affected person holds the

790

00:34:22,070 --> 00:34:18,740

delusional belief that they are dead

791

00:34:24,169 --> 00:34:22,080

they do not exist they are petrifying or

792

00:34:27,589 --> 00:34:24,179

have lost their blood or internal organs

793

00:34:33,589 --> 00:34:27,599

in 1980 the neurologist Jewel cotard

794

00:34:37,970 --> 00:34:36,010

which is the delirium of negations

795

00:34:40,970 --> 00:34:37,980

pronounced badly in French but never

796

00:34:43,010 --> 00:34:40,980

mind a psychiatric syndrome of varied

797

00:34:45,169 --> 00:34:43,020

severity and mild case is characterized

798

00:34:46,790 --> 00:34:45,179

by Despair and self-loathing it's a mild

799

00:34:48,589 --> 00:34:46,800

case well it severe case is

800

00:34:49,730 --> 00:34:48,599

characterized by intense delusions of

801  
00:34:52,369 --> 00:34:49,740  
negation

802  
00:34:55,669 --> 00:34:52,379  
and chronic psychiatric depression

803  
00:34:57,589 --> 00:34:55,679  
the case of Mademoiselle X describes a

804  
00:35:00,770 --> 00:34:57,599  
woman who denied the existence of parts

805  
00:35:02,750 --> 00:35:00,780  
of her body and of her need to eat

806  
00:35:05,810 --> 00:35:02,760  
in the course of suffering the delirium

807  
00:35:07,310 --> 00:35:05,820  
of negation Mademoiselle X died of

808  
00:35:11,030 --> 00:35:07,320  
starvation

809  
00:35:12,470 --> 00:35:11,040  
at Jules Cotter from 1840 to 1889 he was

810  
00:35:14,390 --> 00:35:12,480  
a French neurologist who studied

811  
00:35:17,510 --> 00:35:14,400  
medicine in Paris and later went on to

812  
00:35:19,250 --> 00:35:17,520  
work at an intern at auspice de los Sol

813  
00:35:21,290 --> 00:35:19,260

to patriarch

814

00:35:23,930 --> 00:35:21,300

but my friend he became particularly

815

00:35:26,210 --> 00:35:23,940

interested in cerebrovascular accidents

816

00:35:28,490 --> 00:35:26,220

commonly known as strokes and their

817

00:35:30,290 --> 00:35:28,500

consequences and other took autopsies to

818

00:35:31,069 --> 00:35:30,300

better understand how these affected the

819

00:35:34,670 --> 00:35:31,079

brain

820

00:35:36,650 --> 00:35:34,680

in 1869 he left Sol patreon and joined

821

00:35:38,030 --> 00:35:36,660

an infantry regiment as a regimental

822

00:35:39,710 --> 00:35:38,040

surgeon at the outbreak of the

823

00:35:41,870 --> 00:35:39,720

franco-prussian war

824

00:35:44,630 --> 00:35:41,880

in my particular contributions to the

825

00:35:47,410 --> 00:35:44,640

understanding of diabetes and delusions

826

00:35:50,450 --> 00:35:47,420

in August 1889 Cotton's daughter

827

00:35:52,730 --> 00:35:50,460

contracted diphtheria and he reportedly

828

00:35:55,190 --> 00:35:52,740

refused to leave her bedside for 15 days

829

00:35:57,109 --> 00:35:55,200

until she recovered

830

00:35:59,930 --> 00:35:57,119

he eventually contracted dip Theory

831

00:36:02,210 --> 00:35:59,940

himself and died on the 19th of August

832

00:36:04,970 --> 00:36:02,220

Goddard served as the real-life model

833

00:36:07,370 --> 00:36:04,980

for the character of Dr kottard in the

834

00:36:11,270 --> 00:36:07,380

Marcel prus novel In Search of Lot's

835

00:36:15,230 --> 00:36:11,280

time Valentin Louis George Eugene Marcel

836

00:36:17,510 --> 00:36:15,240

proust who lived from 1871 to 1922 was a

837

00:36:21,650 --> 00:36:17,520

French novelist critic and SAS best

838

00:36:23,569 --> 00:36:21,660

known for his Monumental novel alardu

839

00:36:25,730 --> 00:36:23,579

in search of last times

840

00:36:27,890 --> 00:36:25,740

earlier remembered as remembrance of

841

00:36:31,790 --> 00:36:27,900

things past that was published in seven

842

00:36:33,710 --> 00:36:31,800

Parts between 1913 and 1927.

843

00:36:36,170 --> 00:36:33,720

it totals about four thousand Pages

844

00:36:38,450 --> 00:36:36,180

depending on the addition and features

845

00:36:40,910 --> 00:36:38,460

more than two thousand characters which

846

00:36:42,589 --> 00:36:40,920

is why it's not always widely read

847

00:36:44,450 --> 00:36:42,599

Bruce died before he was able to

848

00:36:46,730 --> 00:36:44,460

complete his revision of the drafts and

849

00:36:47,870 --> 00:36:46,740

proofs of the vital volumes the last

850

00:36:49,849 --> 00:36:47,880

three of which were published

851  
00:36:51,470 --> 00:36:49,859  
posthumously he is considered to be one

852  
00:36:53,890 --> 00:36:51,480  
of the most influential authors of the

853  
00:36:56,510 --> 00:36:53,900  
20th century

854  
00:36:59,089 --> 00:36:56,520  
is also one of the least red grade

855  
00:37:00,890 --> 00:36:59,099  
novels because of his length it was

856  
00:37:03,470 --> 00:37:00,900  
referenced by American essayist and

857  
00:37:05,930 --> 00:37:03,480  
literary critic Frederick Cruz in his

858  
00:37:09,950 --> 00:37:05,940  
book The Pooh perplex in the chapter

859  
00:37:15,050 --> 00:37:12,230  
the pooper Blinks a student case book

860  
00:37:17,089 --> 00:37:15,060  
which came out in 1963 is presented as a

861  
00:37:18,650 --> 00:37:17,099  
group of analytical essays for use in

862  
00:37:21,890 --> 00:37:18,660  
freshman English

863  
00:37:24,050 --> 00:37:21,900

HSA caricatures the methods obsessions

864

00:37:26,810 --> 00:37:24,060

and style of a particular kind of critic

865

00:37:30,230 --> 00:37:26,820

such as Marxist Freudian Christian Etc

866

00:37:32,690 --> 00:37:30,240

the pooper Doo essay is written by

867

00:37:35,810 --> 00:37:32,700

Woodbine Meadowlark

868

00:37:37,790 --> 00:37:35,820

other essays include oh Felix culpa the

869

00:37:41,030 --> 00:37:37,800

sacral mental meaning of Winnie the Pooh

870

00:37:43,569 --> 00:37:41,040

by cjl Culpepper and a Bourgeois

871

00:37:46,730 --> 00:37:43,579

writer's proletarian Fable by Martin

872

00:37:47,750 --> 00:37:46,740

tempralis all made up names all written

873

00:37:51,050 --> 00:37:47,760

by Cruz

874

00:37:53,030 --> 00:37:51,060

Frederick Campbell Cruz born in 1933 is

875

00:37:55,250 --> 00:37:53,040

professor emeritus of English at the

876

00:37:56,990 --> 00:37:55,260

University of California Berkeley he's

877

00:37:59,030 --> 00:37:57,000

the author of numerous books including

878

00:38:01,670 --> 00:37:59,040

the tragedy of manners

879

00:38:02,569 --> 00:38:01,680

moral drama in the later novels of Henry

880

00:38:05,990 --> 00:38:02,579

James

881

00:38:07,910 --> 00:38:06,000

Ian Foster The Perils of humanism and

882

00:38:10,250 --> 00:38:07,920

the sins of the fathers a discussion of

883

00:38:12,710 --> 00:38:10,260

the work of Nathaniel Hawthorne

884

00:38:15,650 --> 00:38:12,720

initially a proponent of psychoanalytic

885

00:38:17,630 --> 00:38:15,660

literary criticism Crews later rejected

886

00:38:20,930 --> 00:38:17,640

it becoming a Critic of Sigmund Freud

887

00:38:23,390 --> 00:38:20,940

and his scientific and ethical standards

888

00:38:27,290 --> 00:38:23,400

Cruz was a prominent participant in the

889

00:38:29,150 --> 00:38:27,300

Freud Wars of the 1980s and 1990s a

890

00:38:31,370 --> 00:38:29,160

debate over Freud's reputation

891

00:38:32,329 --> 00:38:31,380

scholarship and impact on the 20th

892

00:38:34,609 --> 00:38:32,339

century

893

00:38:36,230 --> 00:38:34,619

Cruz has published skeptical and

894

00:38:38,510 --> 00:38:36,240

rationalist essays on a variety of

895

00:38:40,609 --> 00:38:38,520

topics including Freud and recovered

896

00:38:42,890 --> 00:38:40,619

memory therapy some of which were

897

00:38:45,410 --> 00:38:42,900

published in the memory Wars Freud's

898

00:38:48,050 --> 00:38:45,420

Legacy in dispute recovered memory

899

00:38:50,450 --> 00:38:48,060

therapy rmt is a term for Psychotherapy

900

00:38:52,910 --> 00:38:50,460

using one or more methods for recalling

901  
00:38:54,770 --> 00:38:52,920  
memories proponents claim that traumatic

902  
00:38:57,349 --> 00:38:54,780  
memories can be buried in the

903  
00:38:59,810 --> 00:38:57,359  
subconscious and affect current behavior

904  
00:39:02,329 --> 00:38:59,820  
and that these can be recovered by rmt

905  
00:39:04,670 --> 00:39:02,339  
it is linked to the debunked false

906  
00:39:07,130 --> 00:39:04,680  
memory syndrome and is one of various

907  
00:39:09,410 --> 00:39:07,140  
delusional disorders which include

908  
00:39:10,810 --> 00:39:09,420  
capgras illusion people replaced by

909  
00:39:13,130 --> 00:39:10,820  
imposters

910  
00:39:15,829 --> 00:39:13,140  
fragoli syndrome different people are

911  
00:39:18,650 --> 00:39:15,839  
the same person in Disguise Munchausen

912  
00:39:21,470 --> 00:39:18,660  
Syndrome exaggerated symptoms of illness

913  
00:39:24,130 --> 00:39:21,480

and Qatar delusion which brings us back

914

00:39:26,870 --> 00:39:24,140

to where we started

915

00:39:30,829 --> 00:39:26,880

and as from what goes around from the

916

00:39:32,210 --> 00:39:30,839

skeptic magazine volume 40 number two

917

00:39:34,010 --> 00:39:32,220

and you can download that issue with

918

00:39:35,569 --> 00:39:34,020

Escape geek for free along with most

919

00:39:39,990 --> 00:39:35,579

other issues from our website

920

00:39:50,270 --> 00:39:46,910

[Music]

921

00:39:52,069 --> 00:39:50,280

zebras orangutans oh yes sorry hi I'm

922

00:39:54,349 --> 00:39:52,079

not used to animals talking who are you

923

00:39:55,910 --> 00:39:54,359

yes my name is Carrie Poppy I co-host a

924

00:39:57,829 --> 00:39:55,920

podcast called owner Ross and Carrie

925

00:40:00,290 --> 00:39:57,839

this is my co-host Ross right here okay

926

00:40:02,690 --> 00:40:00,300

we investigate spirituality claims of

927

00:40:05,569 --> 00:40:02,700

the Paranormal and we were wondering if

928

00:40:08,089 --> 00:40:05,579

we could get on the r you did come two

929

00:40:09,410 --> 00:40:08,099

by two I appreciate that though most of

930

00:40:11,750 --> 00:40:09,420

the things I'm letting on the ark don't

931

00:40:14,089 --> 00:40:11,760

talk I'm going to be talking all up on

932

00:40:17,210 --> 00:40:14,099

this boat do you mind both I prefer Arc

933

00:40:20,150 --> 00:40:17,220

I'm not listening but if you let me on

934

00:40:22,790 --> 00:40:20,160

then I will make my really good podcast

935

00:40:25,069 --> 00:40:22,800

on your boat can you at least help clean

936

00:40:26,810 --> 00:40:25,079

up all the poop I guess I don't see why

937

00:40:31,010 --> 00:40:26,820

not well check out the podcast where do

938

00:40:36,290 --> 00:40:33,349

hey everyone this is Abhijit from

939

00:40:38,569 --> 00:40:36,300

rationable wishing Richard Saunders and

940

00:40:41,230 --> 00:40:38,579

the whole skeptic Zone crew a hearty

941

00:40:45,050 --> 00:40:41,240

congratulations for the

942

00:40:46,730 --> 00:40:45,060

750th episode man this is one of the few

943

00:40:47,710 --> 00:40:46,740

things in life that really make me feel

944

00:40:51,290 --> 00:40:47,720

young

945

00:40:55,180 --> 00:40:51,300

way to go guys congratulations

946

00:41:02,820 --> 00:40:55,190

and hope you have many many many more

947

00:41:07,910 --> 00:41:06,010

[Music]

948

00:41:10,190 --> 00:41:07,920

all right

949

00:41:12,589 --> 00:41:10,200

now it's time once again to dive back

950

00:41:15,310 --> 00:41:12,599

into those pages that we dive why we say

951  
00:41:19,510 --> 00:41:15,320  
that we dive can you imagine

952  
00:41:22,089 --> 00:41:19,520  
the uh the scene diving into a digital

953  
00:41:24,250 --> 00:41:22,099  
Archive of newspapers

954  
00:41:26,870 --> 00:41:24,260  
Splunk

955  
00:41:28,990 --> 00:41:26,880  
now it's time to dive back into those

956  
00:41:31,430 --> 00:41:29,000  
digital archives that Trove at

957  
00:41:32,870 --> 00:41:31,440  
trove.nla.gov dot a u the online

958  
00:41:34,730 --> 00:41:32,880  
resource from the Australian government

959  
00:41:38,270 --> 00:41:34,740  
and the National Library of Australia

960  
00:41:40,790 --> 00:41:38,280  
full of digital newspapers cassettes

961  
00:41:43,130 --> 00:41:40,800  
magazines and

962  
00:41:47,990 --> 00:41:43,140  
the journals going back decades and

963  
00:41:48,000 --> 00:41:52,010

[Music]

964

00:41:56,030 --> 00:41:53,510

to say you never know what you'll find

965

00:41:57,650 --> 00:41:56,040

in trove I say it because it's true

966

00:42:01,250 --> 00:41:57,660

because I never know what I'm going to

967

00:42:02,690 --> 00:42:01,260

find and looking at one search criteria

968

00:42:06,050 --> 00:42:02,700

can lead to another can lead to

969

00:42:08,390 --> 00:42:06,060

something else and and Well on and on it

970

00:42:09,970 --> 00:42:08,400

goes and I have found a reference here

971

00:42:13,550 --> 00:42:09,980

from

972

00:42:17,410 --> 00:42:13,560

1992 to the Canberra Skeptics the camera

973

00:42:21,170 --> 00:42:17,420

Skeptics let's let's read this report

974

00:42:25,490 --> 00:42:21,180

and it's an item called beyond the

975

00:42:27,170 --> 00:42:25,500

fridge door by Claire tadichi and the

976

00:42:29,990 --> 00:42:27,180

photograph at the top has three men

977

00:42:33,770 --> 00:42:30,000

behind her a desk presumably in an

978

00:42:37,490 --> 00:42:33,780

outdoor area or maybe more a booth

979

00:42:40,670 --> 00:42:37,500

Canberra Skeptics from left Drew Meek

980

00:42:42,890 --> 00:42:40,680

David Vernon and Colin Groves at the

981

00:42:45,349 --> 00:42:42,900

Canberra Festival last weekend

982

00:42:48,829 --> 00:42:45,359

and I did at least meet Colin Grove some

983

00:42:53,630 --> 00:42:48,839

years ago but he's since passed on

984

00:42:55,609 --> 00:42:53,640

battling thieves of thinking and this

985

00:42:57,950 --> 00:42:55,619

report is in the Canberra times 14th of

986

00:42:59,809 --> 00:42:57,960

March 1992.

987

00:43:02,210 --> 00:42:59,819

Canberra Skeptics meet on the last

988

00:43:05,870 --> 00:43:02,220

Friday of every month next meeting March

989

00:43:11,710 --> 00:43:05,880

27 in the forest room of the cellar bar

990

00:43:19,609 --> 00:43:16,130

249-4590 what do scientists journalists

991

00:43:21,430 --> 00:43:19,619

and magicians have in common they are

992

00:43:24,589 --> 00:43:21,440

all on the lookout for sleight of hand

993

00:43:26,630 --> 00:43:24,599

they are all Skeptics it's funny how

994

00:43:29,809 --> 00:43:26,640

often people ask you whether being a

995

00:43:33,530 --> 00:43:29,819

skeptic makes life boring mused David

996

00:43:35,990 --> 00:43:33,540

Vernon a member of Canberra Skeptics and

997

00:43:38,809 --> 00:43:36,000

editor of the group's newsletter Argos

998

00:43:40,970 --> 00:43:38,819

really it's quite the opposite have an

999

00:43:43,430 --> 00:43:40,980

inquiring mind which refuses to accept

1000

00:43:46,490 --> 00:43:43,440

claims on face value makes life all the

1001  
00:43:48,109 --> 00:43:46,500  
more interesting mysticism is far duller

1002  
00:43:51,650 --> 00:43:48,119  
than reality

1003  
00:43:53,270 --> 00:43:51,660  
Canberra Skeptics was formed in 1984 by

1004  
00:43:56,390 --> 00:43:53,280  
a philosopher from the Australian

1005  
00:43:58,670 --> 00:43:56,400  
University William Gray the pivotal aim

1006  
00:44:02,089 --> 00:43:58,680  
of the group is to investigate claims of

1007  
00:44:04,790 --> 00:44:02,099  
paranormal phenomena and pseudosciences

1008  
00:44:07,130 --> 00:44:04,800  
and to encourage people to question what

1009  
00:44:09,410 --> 00:44:07,140  
cannot be proved for the first few years

1010  
00:44:12,530 --> 00:44:09,420  
the group was run by Australian National

1011  
00:44:15,109 --> 00:44:12,540  
University academics but has since

1012  
00:44:16,750 --> 00:44:15,119  
expanded to involve people from a wide

1013  
00:44:19,490 --> 00:44:16,760

range of backgrounds and occupations

1014

00:44:22,130 --> 00:44:19,500

including scientists public servants

1015

00:44:24,890 --> 00:44:22,140

journalists magicians and retired people

1016

00:44:26,809 --> 00:44:24,900

some have been attracted to the group as

1017

00:44:29,930 --> 00:44:26,819

they attempt to understand and reason

1018

00:44:32,990 --> 00:44:29,940

with a relative or friend who has become

1019

00:44:35,510 --> 00:44:33,000

obsessed with Mystic Cults or the

1020

00:44:37,370 --> 00:44:35,520

Paranormal to say that we do not believe

1021

00:44:39,230 --> 00:44:37,380

anything that cannot be explained by

1022

00:44:41,510 --> 00:44:39,240

science is a rather simplistic

1023

00:44:44,329 --> 00:44:41,520

assessment of the group said Colin

1024

00:44:46,730 --> 00:44:44,339

Groves a biological Anthropologist and

1025

00:44:49,010 --> 00:44:46,740

Veteran member of the group some things

1026

00:44:51,890 --> 00:44:49,020

cannot be tested like the existence of

1027

00:44:54,410 --> 00:44:51,900

God but where pseudoscience robs people

1028

00:44:57,650 --> 00:44:54,420

not only of money but of their capacity

1029

00:45:01,370 --> 00:44:57,660

to think we feel Duty bound to intervene

1030

00:45:04,010 --> 00:45:01,380

and see that reason and fact is at least

1031

00:45:07,069 --> 00:45:04,020

put forward as a balance

1032

00:45:08,690 --> 00:45:07,079

David Vernon became a member of Canberra

1033

00:45:11,930 --> 00:45:08,700

Skeptics in his final year of high

1034

00:45:14,329 --> 00:45:11,940

school marked down in a biology exam for

1035

00:45:17,809 --> 00:45:14,339

questioning their beliefs of his

1036

00:45:20,329 --> 00:45:17,819

creationist Schoolmaster David contacted

1037

00:45:22,849 --> 00:45:20,339

the group showed them his work and asked

1038

00:45:24,170 --> 00:45:22,859

them to represent his case to the school

1039

00:45:27,950 --> 00:45:24,180

board

1040

00:45:30,589 --> 00:45:27,960

David's sea was promptly upgraded to an

1041

00:45:33,609 --> 00:45:30,599

A and some behind the scenes measures

1042

00:45:36,109 --> 00:45:33,619

were taken to modify the offending

1043

00:45:38,510 --> 00:45:36,119

Masters teaching Style

1044

00:45:41,569 --> 00:45:38,520

creationism where it is used to Cloud

1045

00:45:43,849 --> 00:45:41,579

the facts of History Science Biology and

1046

00:45:45,470 --> 00:45:43,859

anthropology and education is a

1047

00:45:47,809 --> 00:45:45,480

particular concern to the Canberra

1048

00:45:49,730 --> 00:45:47,819

Skeptics other key targets are business

1049

00:45:52,609 --> 00:45:49,740

people who claim to be psychics

1050

00:45:54,650 --> 00:45:52,619

astrologers numerologists Clairvoyance

1051  
00:45:56,210 --> 00:45:54,660  
and practitioners of non-scientific

1052  
00:45:57,829 --> 00:45:56,220  
alternative medicine

1053  
00:45:59,690 --> 00:45:57,839  
there is a huge variety of

1054  
00:46:02,510 --> 00:45:59,700  
pseudoscientists and people who make

1055  
00:46:05,270 --> 00:46:02,520  
claims of paranormal phenomena Colin

1056  
00:46:07,990 --> 00:46:05,280  
explained but we are a small self-funded

1057  
00:46:10,370 --> 00:46:08,000  
organization and have to set priorities

1058  
00:46:11,990 --> 00:46:10,380  
essentially we concentrate on topics

1059  
00:46:14,089 --> 00:46:12,000  
that we know a lot about through our

1060  
00:46:16,370 --> 00:46:14,099  
work and study and on people whose

1061  
00:46:18,290 --> 00:46:16,380  
claims may put others in danger where

1062  
00:46:20,930 --> 00:46:18,300  
possible the Skeptics convinced their

1063  
00:46:23,390 --> 00:46:20,940

targets to be publicly tested under

1064

00:46:25,430 --> 00:46:23,400

controlled conditions the most recent

1065

00:46:28,010 --> 00:46:25,440

such investigation involved a member of

1066

00:46:30,530 --> 00:46:28,020

the Canberra Society of organic Growers

1067

00:46:34,490 --> 00:46:30,540

who was also an exponent of what is

1068

00:46:36,650 --> 00:46:34,500

known as Moon planting planting in

1069

00:46:39,650 --> 00:46:36,660

accordance with astrological principles

1070

00:46:43,730 --> 00:46:39,660

according to the organic grower certain

1071

00:46:45,890 --> 00:46:43,740

times on certain days are positive for

1072

00:46:47,750 --> 00:46:45,900

planting other times are not and the

1073

00:46:50,270 --> 00:46:47,760

difference may only be a matter of

1074

00:46:52,130 --> 00:46:50,280

minutes over a month the Canberra

1075

00:46:56,030 --> 00:46:52,140

Skeptics were Guided by the moon

1076

00:46:58,190 --> 00:46:56,040

Planters to sow a crop of radishes as

1077

00:47:01,010 --> 00:46:58,200

they control the Skeptics planted their

1078

00:47:02,930 --> 00:47:01,020

own crop at random times but under the

1079

00:47:04,790 --> 00:47:02,940

same conditions the result of the

1080

00:47:06,890 --> 00:47:04,800

experiment gave a similar success rate

1081

00:47:09,790 --> 00:47:06,900

for each crop then there was the

1082

00:47:13,010 --> 00:47:09,800

investigation of the maricari a healing

1083

00:47:16,309 --> 00:47:13,020

life generating energy said to be

1084

00:47:19,010 --> 00:47:16,319

possessed by a Chosen Few the experiment

1085

00:47:21,710 --> 00:47:19,020

which the Skeptics themselves say was

1086

00:47:23,870 --> 00:47:21,720

not conducted under strict clinical

1087

00:47:28,329 --> 00:47:23,880

procedure tested the power of the

1088

00:47:32,809 --> 00:47:28,339

marikari light over a seeding at the

1089

00:47:35,569 --> 00:47:32,819

csiro and csiro is the Commonwealth

1090

00:47:36,829 --> 00:47:35,579

scientific and Industrial research

1091

00:47:38,750 --> 00:47:36,839

organization

1092

00:47:40,670 --> 00:47:38,760

a month after the experiment the

1093

00:47:42,470 --> 00:47:40,680

maricari groups was confidently

1094

00:47:45,109 --> 00:47:42,480

advertising that its powers had been

1095

00:47:46,910 --> 00:47:45,119

witnessed by the Australian Skeptics and

1096

00:47:50,270 --> 00:47:46,920

shown to have an effect what the

1097

00:47:52,849 --> 00:47:50,280

marikari didn't publicize was that where

1098

00:47:55,370 --> 00:47:52,859

the control seed flourished into a

1099

00:47:57,950 --> 00:47:55,380

healthy plant the poor little creature

1100

00:48:01,609 --> 00:47:57,960

dosed up on Divine Light had withered

1101  
00:48:03,770 --> 00:48:01,619  
away not one of the people whose powers

1102  
00:48:06,530 --> 00:48:03,780  
or belief have been tested and failed

1103  
00:48:09,829 --> 00:48:06,540  
has actually admitted but they may be

1104  
00:48:12,290 --> 00:48:09,839  
wrong said Colin apart from its program

1105  
00:48:13,970 --> 00:48:12,300  
of public testing the Skeptics also see

1106  
00:48:17,030 --> 00:48:13,980  
themselves as having a responsibility

1107  
00:48:18,770 --> 00:48:17,040  
for public education they produce and

1108  
00:48:21,770 --> 00:48:18,780  
distribute a bi-monthly newsletter

1109  
00:48:24,230 --> 00:48:21,780  
participate in community events and air

1110  
00:48:27,770 --> 00:48:24,240  
their concerns through the media the

1111  
00:48:30,109 --> 00:48:27,780  
group also published in 1989 its own

1112  
00:48:33,530 --> 00:48:30,119  
Manual of skepticism which sets out the

1113  
00:48:35,690 --> 00:48:33,540

case for reason and dissembles in

1114

00:48:38,210 --> 00:48:35,700

alphabetical order 36 theories of

1115

00:48:41,650 --> 00:48:38,220

pseudoscience the sparsely presented

1116

00:48:44,710 --> 00:48:41,660

sparsely entitled publication skeptical

1117

00:48:46,970 --> 00:48:44,720

examines pseudosciences from

1118

00:48:49,190 --> 00:48:46,980

aromatherapy to water divining and

1119

00:48:51,589 --> 00:48:49,200

asserts that however they may have been

1120

00:48:53,690 --> 00:48:51,599

inducted through dissatisfaction with

1121

00:48:55,130 --> 00:48:53,700

science a personal search or sheer

1122

00:48:58,370 --> 00:48:55,140

loneliness the followers of

1123

00:49:01,370 --> 00:48:58,380

pseudoscience risk being misled divorced

1124

00:49:04,730 --> 00:49:01,380

from reality and most likely parted from

1125

00:49:07,730 --> 00:49:04,740

their money by Charleston's and a few

1126  
00:49:12,770 --> 00:49:07,740  
years earlier also in the Canberra times

1127  
00:49:14,630 --> 00:49:12,780  
on the the 17th of June 1989 I've come

1128  
00:49:17,150 --> 00:49:14,640  
across a review of The Very booklet

1129  
00:49:20,030 --> 00:49:17,160  
mentioned skeptical

1130  
00:49:23,150 --> 00:49:20,040  
skeptical edited by Don laycock David

1131  
00:49:24,190 --> 00:49:23,160  
Vernon Colin Groves and Simon Brown 79

1132  
00:49:28,609 --> 00:49:24,200  
Pages

1133  
00:49:32,630 --> 00:49:28,619  
5.50 plus 1.50 postage reviewer Peter

1134  
00:49:34,550 --> 00:49:32,640  
bowler gentle dose of doubt in 18th

1135  
00:49:36,829 --> 00:49:34,560  
century Yorkshire it was believed that

1136  
00:49:39,230 --> 00:49:36,839  
the best way to cure a toothache was to

1137  
00:49:42,650 --> 00:49:39,240  
carry in the pocket a tooth from the

1138  
00:49:45,530 --> 00:49:42,660

corpse of the opposite sex this may seem

1139

00:49:48,410 --> 00:49:45,540

absurd today but it is only a small step

1140

00:49:51,829 --> 00:49:48,420

from the tooth carriers of York to the

1141

00:49:53,990 --> 00:49:51,839

new age Crystal carriers whose

1142

00:49:56,089 --> 00:49:54,000

enthusiasms are now taken seriously

1143

00:49:58,370 --> 00:49:56,099

enough for them to attract substantial

1144

00:50:00,890 --> 00:49:58,380

coverage in the mass media harmless

1145

00:50:02,990 --> 00:50:00,900

fantasizing many of us would say But

1146

00:50:06,470 --> 00:50:03,000

Blind Faith in a comforting metaphysic

1147

00:50:09,770 --> 00:50:06,480

ultimately leads to the blind fanaticism

1148

00:50:12,829 --> 00:50:09,780

of the Inquisition and the Jihad the

1149

00:50:15,349 --> 00:50:12,839

Yota defe was literally an Act of Faith

1150

00:50:17,210 --> 00:50:15,359

and a quick look online because I hadn't

1151  
00:50:18,349 --> 00:50:17,220  
heard this expression before Auto defe

1152  
00:50:20,990 --> 00:50:18,359  
Portuguese

1153  
00:50:23,329 --> 00:50:21,000  
back to Faith and it involves the

1154  
00:50:25,790 --> 00:50:23,339  
Spanish Inquisition

1155  
00:50:28,370 --> 00:50:25,800  
the existence of a group called The

1156  
00:50:30,829 --> 00:50:28,380  
Canberra Skeptics whose aim it is to

1157  
00:50:34,309 --> 00:50:30,839  
gently question the fadish fantasies of

1158  
00:50:36,890 --> 00:50:34,319  
our time is therefore reassuring admit

1159  
00:50:40,190 --> 00:50:36,900  
all the hullabaloo of the True Believers

1160  
00:50:43,309 --> 00:50:40,200  
the still small voice of reason can be

1161  
00:50:46,609 --> 00:50:43,319  
heard emanating no matter how faintly

1162  
00:50:49,730 --> 00:50:46,619  
from at least one group in our society I

1163  
00:50:51,890 --> 00:50:49,740

say gently because the Skeptics have

1164

00:50:54,410 --> 00:50:51,900

tended to go about their quizzical

1165

00:50:56,569 --> 00:50:54,420

business with Goodwill and a sense of

1166

00:50:59,270 --> 00:50:56,579

humor not for them the hurtful

1167

00:51:02,809 --> 00:50:59,280

aggression of bradleff and I didn't know

1168

00:51:05,750 --> 00:51:02,819

this Charles bradleff was a English

1169

00:51:08,630 --> 00:51:05,760

political activist and atheist or the

1170

00:51:11,210 --> 00:51:08,640

crusading Zeal of Russell they entertain

1171

00:51:14,030 --> 00:51:11,220

each other with magic tricks issue spoof

1172

00:51:15,890 --> 00:51:14,040

predictions of the future and make only

1173

00:51:18,770 --> 00:51:15,900

occasional appearances on public

1174

00:51:21,230 --> 00:51:18,780

platforms to expose the delusions of the

1175

00:51:23,690 --> 00:51:21,240

credulous very sportingly they seem to

1176  
00:51:25,609 --> 00:51:23,700  
have followed a policy of exempting the

1177  
00:51:28,790 --> 00:51:25,619  
field of religious belief from their

1178  
00:51:31,250 --> 00:51:28,800  
skeptical surveillance this is reflected

1179  
00:51:34,130 --> 00:51:31,260  
in the content of the present book which

1180  
00:51:37,010 --> 00:51:34,140  
is essentially a ready reference guide

1181  
00:51:40,549 --> 00:51:37,020  
to 36 of the major non-religious faiths

1182  
00:51:43,250 --> 00:51:40,559  
of our day from Aliens to water divining

1183  
00:51:44,870 --> 00:51:43,260  
it has been written and published by

1184  
00:51:46,910 --> 00:51:44,880  
several members of the camera Skeptics

1185  
00:51:51,430 --> 00:51:46,920  
and is available by mail order direct

1186  
00:51:55,970 --> 00:51:51,440  
from them at P.O box 120 Campbell

1187  
00:51:57,950 --> 00:51:55,980  
2601 though it is in this sense an

1188  
00:51:59,930 --> 00:51:57,960

amateur production there is nothing

1189

00:52:02,690 --> 00:51:59,940

amateurish about its physical

1190

00:52:05,170 --> 00:52:02,700

presentation the Stark Black cover

1191

00:52:07,430 --> 00:52:05,180

nicely sets off the intellectual

1192

00:52:09,290 --> 00:52:07,440

uncompromising nature of the contents

1193

00:52:11,690 --> 00:52:09,300

there there is no padding and no

1194

00:52:14,270 --> 00:52:11,700

pretension at the price it is good value

1195

00:52:16,670 --> 00:52:14,280

by any standard among the authors the

1196

00:52:20,270 --> 00:52:16,680

late Don laycock is worthy of special

1197

00:52:22,790 --> 00:52:20,280

mention his contribution on the tarot is

1198

00:52:25,790 --> 00:52:22,800

a model of what such an analysis should

1199

00:52:26,809 --> 00:52:25,800

be authoritative informative and

1200

00:52:29,870 --> 00:52:26,819

up-to-date

1201

00:52:32,569 --> 00:52:29,880

not all the other contributions come up

1202

00:52:34,910 --> 00:52:32,579

to this standard some are

1203

00:52:36,829 --> 00:52:34,920

disappointingly short and many leave the

1204

00:52:39,470 --> 00:52:36,839

reader wishing that the subject had been

1205

00:52:40,910 --> 00:52:39,480

explored in Greater depth even given the

1206

00:52:43,309 --> 00:52:40,920

general constraints of the book's

1207

00:52:45,650 --> 00:52:43,319

overall format the article on

1208

00:52:48,710 --> 00:52:45,660

Scientology for example might have gone

1209

00:52:51,049 --> 00:52:48,720

just a little further and drawn some

1210

00:52:54,170 --> 00:52:51,059

interesting comparisons between

1211

00:52:57,470 --> 00:52:54,180

Dianetics and Freudian psychoanalysis

1212

00:52:58,910 --> 00:52:57,480

which had remarkably similar tenets and

1213

00:53:01,069 --> 00:52:58,920

which was at the height of its

1214

00:53:04,069 --> 00:53:01,079

popularity in the United States when

1215

00:53:07,730 --> 00:53:04,079

Dianetics first saw the light of day in

1216

00:53:10,730 --> 00:53:07,740

the May 1950 issue of astounding science

1217

00:53:12,829 --> 00:53:10,740

fiction similarly the article on

1218

00:53:15,470 --> 00:53:12,839

reincarnation would have been more

1219

00:53:19,609 --> 00:53:15,480

convincing on its statistical rejection

1220

00:53:22,510 --> 00:53:19,619

of Prior living the population 200 years

1221

00:53:25,670 --> 00:53:22,520

ago was one-sixth its present size

1222

00:53:28,609 --> 00:53:25,680

therefore 200 years ago most of us

1223

00:53:31,069 --> 00:53:28,619

couldn't have been any body if it had

1224

00:53:33,950 --> 00:53:31,079

taken the extra step of exploring the

1225

00:53:37,309 --> 00:53:33,960

statistical implications of staggered

1226

00:53:40,370 --> 00:53:37,319

reincarnation and so on in this respect

1227

00:53:43,430 --> 00:53:40,380

skeptical falls short of the achievement

1228

00:53:45,470 --> 00:53:43,440

of such Classics as raw Cliffs Illusions

1229

00:53:46,370 --> 00:53:45,480

and delusions of the Supernatural and

1230

00:53:48,770 --> 00:53:46,380

occult

1231

00:53:50,750 --> 00:53:48,780

on the other hand it covers a greater

1232

00:53:52,849 --> 00:53:50,760

range of fallacies it is up to the

1233

00:53:54,890 --> 00:53:52,859

minute in its subject matter and for

1234

00:53:57,470 --> 00:53:54,900

readers who want a more detailed

1235

00:53:59,990 --> 00:53:57,480

treatment it gives useful references for

1236

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

further reading skeptical is a generous

1237

00:54:05,390 --> 00:54:02,640

source of that innocent joy and

1238

00:54:07,910 --> 00:54:05,400

wonderment which all of us derive from

1239

00:54:10,370 --> 00:54:07,920

the spectacle of others making complete

1240

00:54:13,069 --> 00:54:10,380

fools of themselves it is also a book

1241

00:54:16,190 --> 00:54:13,079

that could be of real use to young

1242

00:54:19,670 --> 00:54:16,200

people of an impressionable age buy it

1243

00:54:22,670 --> 00:54:19,680

for your older kids a dose of skepticism

1244

00:54:26,089 --> 00:54:22,680

may be just what they need to arm them

1245

00:54:28,910 --> 00:54:26,099

against the seductive sophistries of

1246

00:54:31,430 --> 00:54:28,920

adult life and if they put it under the

1247

00:54:32,870 --> 00:54:31,440

pillow at night it will cure their

1248

00:54:35,630 --> 00:54:32,880

toothache

1249

00:54:37,549 --> 00:54:35,640

petabola is the author of several books

1250

00:54:40,250 --> 00:54:37,559

on language history and Child

1251  
00:54:43,609 --> 00:54:40,260  
Development and I remember having a copy

1252  
00:54:45,349 --> 00:54:43,619  
of that book myself way back in heavens

1253  
00:54:49,490 --> 00:54:45,359  
above when would it have been the late

1254  
00:54:52,329 --> 00:54:49,500  
80s early 90s well this report comes

1255  
00:55:00,330 --> 00:54:52,339  
from mid-1989 so I guess I had it around

1256  
00:55:02,410 --> 00:55:00,340  
about 19 1990 1991 maybe even in 1989.

1257  
00:55:05,150 --> 00:55:02,420  
[Music]

1258  
00:55:07,549 --> 00:55:05,160  
so there we are a couple of references

1259  
00:55:10,630 --> 00:55:07,559  
to work done by the Canberra Skeptics

1260  
00:55:13,010 --> 00:55:10,640  
decades ago

1261  
00:55:14,870 --> 00:55:13,020  
and don't forget you can discover all

1262  
00:55:16,510 --> 00:55:14,880  
sorts of things when you look at Trove

1263  
00:55:18,349 --> 00:55:16,520

at

1264

00:55:21,170 --> 00:55:18,359

trove.nla.gov.au one thing leads to

1265

00:55:25,190 --> 00:55:21,180

another one search can find many things

1266

00:55:27,410 --> 00:55:25,200

which are a surprise because of course

1267

00:55:31,600 --> 00:55:27,420

can you visit Trove you never know what

1268

00:55:41,049 --> 00:55:35,450

[Music]

1269

00:55:46,130 --> 00:55:44,270

Hill from Calgary here to correct a

1270

00:55:47,690 --> 00:55:46,140

mistake many of you may have noticed

1271

00:55:50,030 --> 00:55:47,700

what I read last week's newsletter

1272

00:55:53,089 --> 00:55:50,040

Richard usually catches these mistakes I

1273

00:55:55,910 --> 00:55:53,099

make he makes me laugh I giggle then I

1274

00:55:58,970 --> 00:55:55,920

re-record and all is good last week

1275

00:56:01,309 --> 00:55:58,980

however we both missed it and I'm

1276

00:56:03,349 --> 00:56:01,319

guessing that Richard's long flight to

1277

00:56:04,549 --> 00:56:03,359

the U.S might have had something to do

1278

00:56:07,010 --> 00:56:04,559

with it

1279

00:56:09,230 --> 00:56:07,020

but listener and friend Leonard tremel

1280

00:56:11,150 --> 00:56:09,240

notified me of my mistake

1281

00:56:13,549 --> 00:56:11,160

the mistake was made when reading about

1282

00:56:16,609 --> 00:56:13,559

the therapeutic Goods Administration or

1283

00:56:19,790 --> 00:56:16,619

TGA issuing 20 infringement notices to

1284

00:56:23,870 --> 00:56:19,800

mode medical which is trading as what I

1285

00:56:26,450 --> 00:56:23,880

called drip for Australia I'm kind of

1286

00:56:28,849 --> 00:56:26,460

thinking my math teacher slash Roman

1287

00:56:31,490 --> 00:56:28,859

numeral part of my brain overrode my

1288

00:56:33,829 --> 00:56:31,500

medical terminology part of the brain

1289

00:56:37,730 --> 00:56:33,839

it should have been called drip IV

1290

00:56:38,600 --> 00:56:37,740

Australia until my next mistake this is

1291

00:56:53,290 --> 00:56:38,610

Adrian Hill

1292

00:56:59,510 --> 00:56:56,870

thank you for listening to episode 750

1293

00:57:02,450 --> 00:56:59,520

of the skeptic Zone podcast and there

1294

00:57:04,130 --> 00:57:02,460

wouldn't be an episode 750 if it wasn't

1295

00:57:06,530 --> 00:57:04,140

for those great people out there in the

1296

00:57:08,210 --> 00:57:06,540

audience who subscribe at patreon or

1297

00:57:10,309 --> 00:57:08,220

PayPal and you can do that at

1298

00:57:13,010 --> 00:57:10,319

skepticzone.tv

1299

00:57:15,530 --> 00:57:13,020

because it's their contributions and if

1300

00:57:17,930 --> 00:57:15,540

you're listening your contributions that

1301  
00:57:19,970 --> 00:57:17,940  
keep the show on the road thank you very

1302  
00:57:21,890 --> 00:57:19,980  
much and if you want to join that Merry

1303  
00:57:26,210 --> 00:57:21,900  
band of people who help the skeptic Zone

1304  
00:57:28,069 --> 00:57:26,220  
head to skepticzone.tv and do the rest

1305  
00:57:30,710 --> 00:57:28,079  
five dollars a month or ten dollars a

1306  
00:57:31,730 --> 00:57:30,720  
month it's all it takes to keep the show

1307  
00:57:34,250 --> 00:57:31,740  
going

1308  
00:57:37,370 --> 00:57:34,260  
coming up on next week's episode

1309  
00:57:39,290 --> 00:57:37,380  
Adrian Hill returns with her segment on

1310  
00:57:41,530 --> 00:57:39,300  
Wiki projects

1311  
00:57:44,450 --> 00:57:41,540  
and this time she'll be looking at

1312  
00:57:46,370 --> 00:57:44,460  
alternative medicine the top pages on

1313  
00:57:47,990 --> 00:57:46,380

Wikipedia for altmed

1314

00:57:50,510 --> 00:57:48,000

we have the Australian Skeptics

1315

00:57:54,230 --> 00:57:50,520

newsletter once again and the Trove

1316

00:57:56,030 --> 00:57:54,240

segment will look at fake cures

1317

00:57:58,130 --> 00:57:56,040

fake cures

1318

00:58:00,230 --> 00:57:58,140

now I hope to see Susan Gerber in person

1319

00:58:03,109 --> 00:58:00,240

this week so maybe we'll get another

1320

00:58:05,510 --> 00:58:03,119

interview or catch up with her

1321

00:58:07,910 --> 00:58:05,520

and also with my friend Dr Eugenie Scott

1322

00:58:09,170 --> 00:58:07,920

who appeared on the skeptic Zone a

1323

00:58:11,990 --> 00:58:09,180

couple of months back when we were

1324

00:58:14,030 --> 00:58:12,000

discussing ancient apocalypse

1325

00:58:16,849 --> 00:58:14,040

but for this week

1326

00:58:19,250 --> 00:58:16,859

from episode 750. this is Richard

1327

00:58:25,130 --> 00:58:19,260

Saunders signing off from the Bay Area

1328

00:58:31,690 --> 00:58:27,049

you've been listening to the skeptic

1329

00:58:34,010 --> 00:58:31,700

Zone podcast please visit our website at

1330

00:58:37,190 --> 00:58:34,020

[www.skepticzone.tv](http://www.skepticzone.tv) for show notes

1331

00:58:40,789 --> 00:58:37,200

contacts and to access the bat catalog

1332

00:58:42,770 --> 00:58:40,799

of episodes going back to 2008.

1333

00:58:46,309 --> 00:58:42,780

you can follow the skeptic Zone podcast

1334

00:58:48,650 --> 00:58:46,319

on Twitter at skeptic Zone visit our

1335

00:58:49,849 --> 00:58:48,660

Facebook page or leave a review on

1336

00:58:52,130 --> 00:58:49,859

iTunes

1337

00:58:55,370 --> 00:58:52,140

you can also support the skeptic Zone

1338

00:58:58,789 --> 00:58:55,380

via patreon or PayPal the skeptic Zone

1339

00:59:00,470 --> 00:58:58,799

podcast is an independent production the

1340

00:59:02,569 --> 00:59:00,480

views and opinions expressed on the

1341

00:59:04,970 --> 00:59:02,579

skeptic zone are not necessarily those

1342

00:59:06,600 --> 00:59:04,980

of Australian Skeptics or any other