

Episode **580**

THE  
**SKEPTIC  
ZONE**  
PODCAST

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24 November 2019

The Skeptic Zone Podcast  
Episode **580** - 24 November 2019



Dick Smith

Skeptical Adventures  
with Dick Smith

Ear Candles  
Good Thinking Strikes Back

Bailey Harris  
visits the "Ark"

The Hole in the Pole #3

The Skeptic Zone Podcast  
Episode **580** - 24 November 2019

Good  
Thinking

The Skeptic Zone Podcast  
Episode **580** - 24 November 2019



The Skeptic Zone Podcast  
Episode **579** - 17 November 2019



Tim Mendham

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

2  
00:00:13,920 --> 00:00:11,870  
from Australia for science and reason

3  
00:00:25,010 --> 00:00:13,930  
[Music]

4  
00:00:30,410 --> 00:00:25,020  
yes it's the skeptics own podcast

5  
00:00:34,190 --> 00:00:30,420  
episode 584 the 24th of November 2019

6  
00:00:36,380 --> 00:00:34,200  
Rashad Saunders here with you from quite

7  
00:00:39,860 --> 00:00:36,390  
a remarkable week in Sydney Australia we

8  
00:00:46,100 --> 00:00:39,870  
had some days in the past week where the

9  
00:00:47,690 --> 00:00:46,110  
bushfire smoke was thick it's a it's

10  
00:00:50,860 --> 00:00:47,700  
quite something it's worse than I've

11  
00:00:53,480 --> 00:00:50,870  
ever seen it I went downtown I could not

12  
00:00:56,030 --> 00:00:53,490  
properly make out one end of the harbour

13  
00:00:58,700 --> 00:00:56,040

from the other for those of you who know

14

00:01:01,130 --> 00:00:58,710

Sydney I was at Circular Key looking

15

00:01:03,680 --> 00:01:01,140

north towards Luna Park and that side of

16

00:01:07,639 --> 00:01:03,690

the harbour couldn't quite see it

17

00:01:11,540 --> 00:01:07,649

properly stinging eyes bad taste in the

18

00:01:13,820 --> 00:01:11,550

mouth it's it's not good and of course

19

00:01:16,160 --> 00:01:13,830

Sydney is not the only place to be

20

00:01:18,830 --> 00:01:16,170

suffering bushfire smoke at the moment

21

00:01:22,100 --> 00:01:18,840

and here other cities are similarly

22

00:01:23,840 --> 00:01:22,110

affected but it's not just the the smoky

23

00:01:26,000 --> 00:01:23,850

conditions people in Sydney and other

24

00:01:28,160 --> 00:01:26,010

places have to put up with of course

25

00:01:31,610 --> 00:01:28,170

many people sadly have lost their homes

26  
00:01:34,370 --> 00:01:31,620  
and there's been widespread property

27  
00:01:36,109 --> 00:01:34,380  
damage many poor animals too have

28  
00:01:39,109 --> 00:01:36,119  
perished in the last few weeks due to

29  
00:01:42,530 --> 00:01:39,119  
these fires and I find it amazing the

30  
00:01:45,230 --> 00:01:42,540  
other day I was channel surfing on AM

31  
00:01:49,190 --> 00:01:45,240  
radio he and I happened across one of

32  
00:01:52,640 --> 00:01:49,200  
the more conservative AM radio stations

33  
00:01:55,310 --> 00:01:52,650  
people ringing in normally older people

34  
00:02:00,020 --> 00:01:55,320  
I will say this is maybe this is the

35  
00:02:01,300 --> 00:02:00,030  
okay boomer meme going around absolutely

36  
00:02:05,800 --> 00:02:01,310  
[Music]

37  
00:02:08,749 --> 00:02:05,810  
vehement in their condemnation of any

38  
00:02:11,960 --> 00:02:08,759

suggestion of global warming or climate

39

00:02:14,000 --> 00:02:11,970

change there is a generation or no

40

00:02:16,100 --> 00:02:14,010

that's that's very unfair there's some

41

00:02:19,490 --> 00:02:16,110

people within a generation it seems that

42

00:02:23,690 --> 00:02:19,500

a absolutely vehemently convinced that

43

00:02:27,259 --> 00:02:23,700

global warming is a is a conspiracy or a

44

00:02:29,780 --> 00:02:27,269

hoax and this is the classic case of

45

00:02:33,440 --> 00:02:29,790

cherry-picking a lot of these

46

00:02:34,610 --> 00:02:33,450

conservative radio hosts will find bits

47

00:02:36,320 --> 00:02:34,620

of data over

48

00:02:39,890 --> 00:02:36,330

years that support their point of view

49

00:02:43,009 --> 00:02:39,900

or they'll dig out some expert that

50

00:02:44,990 --> 00:02:43,019

supports them I can't remember I think

51  
00:02:46,880 --> 00:02:45,000  
it's one of those classic sayings no

52  
00:02:50,119 --> 00:02:46,890  
matter how crazy the idea you will

53  
00:02:51,649 --> 00:02:50,129  
always find a PhD who supports that but

54  
00:02:53,630 --> 00:02:51,659  
let's turn to what's coming up on this

55  
00:02:55,789 --> 00:02:53,640  
week's episode of the skeptic zone we're

56  
00:02:58,550 --> 00:02:55,799  
going to kick off with dick Smith the

57  
00:03:00,170 --> 00:02:58,560  
one and only the patron of Australian

58  
00:03:02,869 --> 00:03:00,180  
skeptics one of the early founders of

59  
00:03:05,539 --> 00:03:02,879  
Australian skeptics dick Smith now a

60  
00:03:08,000 --> 00:03:05,549  
couple years ago I ran Segev and I from

61  
00:03:10,430 --> 00:03:08,010  
the Australian skeptics visit a dick to

62  
00:03:12,289 --> 00:03:10,440  
interview him for a series of video

63  
00:03:15,369 --> 00:03:12,299

interviews we are doing last week he

64

00:03:18,410 --> 00:03:15,379

would have heard Ian Bryce giving you

65

00:03:20,839 --> 00:03:18,420

tales and stories of the early days of

66

00:03:23,990 --> 00:03:20,849

Australian skeptics this week dick Smith

67

00:03:27,530 --> 00:03:24,000

talks about the time he flew James Randi

68

00:03:31,509 --> 00:03:27,540

to Australia in 1980 to take place in a

69

00:03:33,770 --> 00:03:31,519

very large scale water divining test

70

00:03:36,190 --> 00:03:33,780

dick talks about that and other

71

00:03:38,509 --> 00:03:36,200

interesting adventures along the way

72

00:03:40,430 --> 00:03:38,519

following that it's our good friends at

73

00:03:44,420 --> 00:03:40,440

the good thinking society doing good

74

00:03:48,229 --> 00:03:44,430

work again this time taking on ear

75

00:03:51,860 --> 00:03:48,239

candles that that modality that sort of

76

00:03:54,259 --> 00:03:51,870

sums up the very idea of quackery good

77

00:03:56,930 --> 00:03:54,269

thinking in the UK have had some success

78

00:03:59,750 --> 00:03:56,940

in taking on ear candles find out more

79

00:04:02,479 --> 00:03:59,760

soon then we bring you the news of

80

00:04:04,309 --> 00:04:02,489

author Bailey Harris now I spoke to

81

00:04:07,069 --> 00:04:04,319

Bailey Harris some weeks ago on the

82

00:04:08,750 --> 00:04:07,079

sceptic zone I met her in DragonCon in

83

00:04:11,059 --> 00:04:08,760

Atlanta in the USA she wrote the

84

00:04:13,490 --> 00:04:11,069

Stardust series of books well earlier

85

00:04:16,009 --> 00:04:13,500

this year Bailey visited the Ark

86

00:04:19,430 --> 00:04:16,019

Encounter in Kentucky this is the giant

87

00:04:21,140 --> 00:04:19,440

replica of Noah's Ark and just recently

88

00:04:24,680 --> 00:04:21,150

a video has been published about her

89

00:04:27,320 --> 00:04:24,690

visit to the Ark Encounter I'm going to

90

00:04:29,300 --> 00:04:27,330

play you a few highlights and well just

91

00:04:32,000 --> 00:04:29,310

to whet your appetite then to round off

92

00:04:35,839 --> 00:04:32,010

the show the hole in the pole part three

93

00:04:37,490 --> 00:04:35,849

Tim Mendham the executive officer for

94

00:04:40,070 --> 00:04:37,500

Australian skeptics and the editor of

95

00:04:41,960 --> 00:04:40,080

the skeptic magazine not to be confused

96

00:04:43,370 --> 00:04:41,970

with any other magazine around the world

97

00:04:45,940 --> 00:04:43,380

that happens to be called the skeptic

98

00:04:48,439 --> 00:04:45,950

this is the one from Australian skeptics

99

00:04:51,649 --> 00:04:48,449

Tim wraps up his series of

100

00:04:55,909 --> 00:04:51,659

people trying to find hidden underground

101  
00:04:59,029 --> 00:04:55,919  
worlds the hole in the pole part three

102  
00:05:00,499 --> 00:04:59,039  
stay tuned at the end of the show do you

103  
00:05:03,409 --> 00:05:00,509  
stay tuned when you're listening to a

104  
00:05:05,540 --> 00:05:03,419  
podcast and said how it works

105  
00:05:07,909 --> 00:05:05,550  
that used to be in the old days they'd

106  
00:05:10,339 --> 00:05:07,919  
say stay tuned to this radio station for

107  
00:05:12,499 --> 00:05:10,349  
further information or stay tuned to

108  
00:05:15,320 --> 00:05:12,509  
this TV station after the commercials we

109  
00:05:17,929 --> 00:05:15,330  
will do this I don't think you actually

110  
00:05:20,570 --> 00:05:17,939  
do stay tuned to a podcast keep playing

111  
00:05:22,519 --> 00:05:20,580  
the podcast towards the end of the show

112  
00:05:24,950 --> 00:05:22,529  
for more announcements from me more

113  
00:05:27,320 --> 00:05:24,960

information but now it's time for me to

114

00:05:30,589 --> 00:05:27,330

run downstairs and have some nice corn

115

00:05:33,379 --> 00:05:30,599

on the cob with mixed vegetables yummy

116

00:05:35,100 --> 00:05:33,389

and healthy will I do that I hope you

117

00:05:43,400 --> 00:05:35,110

enjoy the skeptic zone

118

00:05:52,950 --> 00:05:43,410

[Music]

119

00:05:58,420 --> 00:05:56,080

as part of the ongoing project to record

120

00:06:01,360 --> 00:05:58,430

the history of Australian skeptics

121

00:06:02,290 --> 00:06:01,370

around Segev and I visited the home of

122

00:06:04,089 --> 00:06:02,300

dick Smith

123

00:06:06,369 --> 00:06:04,099

Nick Smith is one of the original

124

00:06:09,490 --> 00:06:06,379

patrons of the Australian skeptics an

125

00:06:11,290 --> 00:06:09,500

adventurer and Explorer dick Smith was

126

00:06:14,379 --> 00:06:11,300

one of the first people to fly a

127

00:06:16,480 --> 00:06:14,389

helicopter solo around the world he even

128

00:06:18,999 --> 00:06:16,490

flew a helicopter to the North Pole and

129

00:06:21,790 --> 00:06:19,009

a hot-air balloon from Australia to New

130

00:06:23,890 --> 00:06:21,800

Zealand dick Smith of course is the

131

00:06:26,830 --> 00:06:23,900

founder of Dick Smith electronics a

132

00:06:28,990 --> 00:06:26,840

famous brand in Australia for many years

133

00:06:31,270 --> 00:06:29,000

dick played a vital role in the

134

00:06:33,969 --> 00:06:31,280

formation of Australian sceptics by

135

00:06:42,100 --> 00:06:33,979

flying James Randi to Australia way back

136

00:06:44,110 --> 00:06:42,110

in 1980 to bring James Randi to

137

00:06:45,610 --> 00:06:44,120

Australia I'd read quite a lot about him

138

00:06:48,189 --> 00:06:45,620

in the skeptical inquirer at the

139

00:06:49,839 --> 00:06:48,199

American magazine and I thought yeah I'd

140

00:06:51,850 --> 00:06:49,849

love to bring him out here and we'll

141

00:06:54,519 --> 00:06:51,860

make a documentary I just started making

142

00:06:57,580 --> 00:06:54,529

documentary films and so the idea was to

143

00:06:59,709 --> 00:06:57,590

set out a challenge and actually what

144

00:07:01,390 --> 00:06:59,719

happened was beyond my wildest dreams

145

00:07:02,170 --> 00:07:01,400

when he ended up on the don lane show

146

00:07:05,320 --> 00:07:02,180

yeah

147

00:07:07,480 --> 00:07:05,330

well was the the documentary which later

148

00:07:09,309 --> 00:07:07,490

became called James Randi in Australia

149

00:07:11,969 --> 00:07:09,319

this is the water divining test and if

150

00:07:13,240 --> 00:07:11,979

memory serves that was conducted up ride

151

00:07:16,420 --> 00:07:13,250

yes

152

00:07:18,219 --> 00:07:16,430

in those days I'd stuff started Dick

153

00:07:19,719 --> 00:07:18,229

Smith electronics was doing well and we

154

00:07:21,430 --> 00:07:19,729

had a new warehouse it ride and there

155

00:07:23,860 --> 00:07:21,440

was a block of land nearby

156

00:07:25,540 --> 00:07:23,870

and this were the days before emails or

157

00:07:28,269 --> 00:07:25,550

anything like that but I contacted James

158

00:07:30,969 --> 00:07:28,279

Randi by telex and then I talked to him

159

00:07:32,800 --> 00:07:30,979

on the phone and he said he sent me an

160

00:07:34,930 --> 00:07:32,810

example of a test he'd done I think it

161

00:07:37,149 --> 00:07:34,940

was in Europe and he said dick if you're

162

00:07:39,459 --> 00:07:37,159

prepared to set up a grid of pipes and

163

00:07:41,320 --> 00:07:39,469

you have some land he said I'm very

164

00:07:42,939 --> 00:07:41,330

happy to come out here he came for

165

00:07:44,920 --> 00:07:42,949

nothing we just covered his airfares and

166

00:07:47,469 --> 00:07:44,930

he stayed with people I in our house

167

00:07:50,620 --> 00:07:47,479

here and the fascinating thing was that

168

00:07:53,379 --> 00:07:50,630

I was using an X ABC television producer

169

00:07:54,580 --> 00:07:53,389

Bob Connolly to make documentary films

170

00:07:56,740 --> 00:07:54,590

on following Mick's

171

00:07:58,840 --> 00:07:56,750

Flores that Bob was a bit of a skeptic

172

00:08:02,170 --> 00:07:58,850

so he said fantastic we'll make a film

173

00:08:03,820 --> 00:08:02,180

I contacted Ted Thomas at channel 7 he

174

00:08:05,500 --> 00:08:03,830

was the managing director and he said oh

175

00:08:07,720 --> 00:08:05,510

yeah I'll buy the film from you and so

176

00:08:09,400 --> 00:08:07,730

it was agreed that by the film and so we

177

00:08:12,190 --> 00:08:09,410

made this documentary on the water

178

00:08:14,140 --> 00:08:12,200

divining which was a masterpiece in the

179

00:08:17,830 --> 00:08:14,150

end we didn't realize how important it

180

00:08:20,730 --> 00:08:17,840

would be for the skeptical new levitated

181

00:08:24,460 --> 00:08:20,740

spoon benders water diviners beware

182

00:08:27,550 --> 00:08:24,470

James Randi psychic investigator is

183

00:08:30,310 --> 00:08:27,560

among you I'm not here to demean anybody

184

00:08:33,520 --> 00:08:30,320

I'm not here to put anybody down so to

185

00:08:35,620 --> 00:08:33,530

speak I'm here to investigate I can

186

00:08:37,750 --> 00:08:35,630

anticipate from my past experience 35

187

00:08:39,460 --> 00:08:37,760

years of it in this business that it

188

00:08:40,600 --> 00:08:39,470

will probably be the essentially the

189

00:08:42,640 --> 00:08:40,610

same story that it's been everywhere

190

00:08:44,920 --> 00:08:42,650

else in the world people who innocently

191

00:08:46,990 --> 00:08:44,930

deceived themselves and that small

192

00:08:49,630 --> 00:08:47,000

residual of people who go out of their

193

00:08:51,610 --> 00:08:49,640

way to actually defraud the rest of they

194

00:08:53,530 --> 00:08:51,620

are their fellow citizens and you've got

195

00:08:55,030 --> 00:08:53,540

\$10,000 and there are two Australian

196

00:08:57,700 --> 00:08:55,040

businessman who have each got 10,000

197

00:09:00,180 --> 00:08:57,710

that's \$30,000 for anyone who can

198

00:09:02,470 --> 00:09:00,190

successfully demonstrate the paranormal

199

00:09:04,450 --> 00:09:02,480

how confident are you of keeping your

200

00:09:06,880 --> 00:09:04,460

money well let me see now I'll show you

201  
00:09:08,770 --> 00:09:06,890  
the check I've lured this check around

202  
00:09:10,960 --> 00:09:08,780  
now this one has only been carried since

203  
00:09:12,490 --> 00:09:10,970  
June 25th 1985 to renew it every now and

204  
00:09:13,630 --> 00:09:12,500  
then I don't know about your banks but

205  
00:09:15,340 --> 00:09:13,640  
every six months they check like this

206  
00:09:18,160 --> 00:09:15,350  
goes dead you see it's no longer valid

207  
00:09:19,360 --> 00:09:18,170  
for 15 years this is the 15th year I've

208  
00:09:21,220 --> 00:09:19,370  
carried a check around like this in this

209  
00:09:23,020 --> 00:09:21,230  
terra delue old wallet that check for

210  
00:09:25,150 --> 00:09:23,030  
\$10,000 I've never had to give up five

211  
00:09:26,320 --> 00:09:25,160  
cents of it so far that doesn't mean

212  
00:09:28,420 --> 00:09:26,330  
that I won't it doesn't mean that I'm

213  
00:09:30,490 --> 00:09:28,430

not willing I can lose I can lose

214

00:09:34,420 --> 00:09:30,500

\$10,000 but I would gladly surrender

215

00:09:36,190 --> 00:09:34,430

that \$10,000 if I were given evidence of

216

00:09:38,140 --> 00:09:36,200

one paranormal ability of any kind

217

00:09:39,790 --> 00:09:38,150

because it would open my universe much

218

00:09:42,310 --> 00:09:39,800

larger than it is it's a wonderful

219

00:09:43,870 --> 00:09:42,320

universe I live in I enjoy life from day

220

00:09:45,100 --> 00:09:43,880

to day I have my ups and downs like

221

00:09:46,960 --> 00:09:45,110

everyone else but I think it is a

222

00:09:48,430 --> 00:09:46,970

wonderful world that we live in

223

00:09:50,230 --> 00:09:48,440

I don't need miracles of a semi

224

00:09:52,600 --> 00:09:50,240

religious nature as they put it in order

225

00:09:54,070 --> 00:09:52,610

to make my world any better but to be

226

00:09:55,660 --> 00:09:54,080

offered something like that to know that

227

00:09:57,520 --> 00:09:55,670

a person could float in the air could

228

00:09:59,200 --> 00:09:57,530

find concealed water underground could

229

00:10:00,970 --> 00:09:59,210

bend a spoon by merely thinking about it

230

00:10:02,380 --> 00:10:00,980

that would make my universe a hundred

231

00:10:05,060 --> 00:10:02,390

times bigger than it is and although

232

00:10:08,030 --> 00:10:05,070

more marvelous it would be worth \$10,000

233

00:10:09,379 --> 00:10:08,040

I remember saying to Randy Randy look we

234

00:10:11,210 --> 00:10:09,389

can't go ahead with this we're going to

235

00:10:12,920 --> 00:10:11,220

destroy these people because they'd

236

00:10:14,810 --> 00:10:12,930

signed a document saying that have no

237

00:10:16,790 --> 00:10:14,820

excuses and Randy said dick

238

00:10:19,189 --> 00:10:16,800

have no fear it will have no effect on

239

00:10:21,410 --> 00:10:19,199

their beliefs don't you know what what

240

00:10:24,410 --> 00:10:21,420

do you reckon I'll say you know if they

241

00:10:25,670 --> 00:10:24,420

file he'll do all the rationalization so

242

00:10:26,720 --> 00:10:25,680

the rationalization is take you'll be

243

00:10:28,460 --> 00:10:26,730

amazed what they come up with this

244

00:10:30,530 --> 00:10:28,470

rationalizations they'll they'll involve

245

00:10:32,809 --> 00:10:30,540

Castro's equal signs unfortunate aspects

246

00:10:34,670 --> 00:10:32,819

of the Moon all kinds of things and also

247

00:10:36,439 --> 00:10:34,680

they'll see negative vibrations but I

248

00:10:39,050 --> 00:10:36,449

think how can I do that if I get a sign

249

00:10:41,329 --> 00:10:39,060

with us the actual if I get a sign and

250

00:10:43,100 --> 00:10:41,339

say that I'm very happy and I've checked

251  
00:10:44,180 --> 00:10:43,110  
a bit of pipe it doesn't make much

252  
00:10:46,309 --> 00:10:44,190  
difference they'll find a

253  
00:10:47,689 --> 00:10:46,319  
rationalization now I've been 35 years

254  
00:10:48,650 --> 00:10:47,699  
in this business and you'd think that

255  
00:10:50,600 --> 00:10:48,660  
I'd be able to come up with all the

256  
00:10:52,910 --> 00:10:50,610  
rationalization I'm surprised the dalles

257  
00:10:54,699 --> 00:10:52,920  
use particularly are very adept at this

258  
00:10:57,290 --> 00:10:54,709  
now to you and me to reasonable rational

259  
00:10:58,670 --> 00:10:57,300  
logical people they have failed and

260  
00:11:00,740 --> 00:10:58,680  
there doesn't seem to be any such power

261  
00:11:02,480 --> 00:11:00,750  
but to them they're not acting logically

262  
00:11:03,769 --> 00:11:02,490  
so what what frustrates me is what's the

263  
00:11:05,509 --> 00:11:03,779

use of doing this if think we're not

264

00:11:07,129 --> 00:11:05,519

going to do the only thing you can do

265

00:11:08,840 --> 00:11:07,139

and the only person you're going to

266

00:11:10,550 --> 00:11:08,850

convince of it is I think particularly

267

00:11:12,019 --> 00:11:10,560

the younger generation who are on the

268

00:11:13,370 --> 00:11:12,029

verge they say I wonder does such a

269

00:11:14,689 --> 00:11:13,380

thing really happen or not the

270

00:11:16,540 --> 00:11:14,699

old-timers who have believed in this all

271

00:11:19,100 --> 00:11:16,550

of their life they're not gonna change

272

00:11:21,259 --> 00:11:19,110

and so sure enough at the end when it's

273

00:11:22,939 --> 00:11:21,269

found they all failed they all had a

274

00:11:25,129 --> 00:11:22,949

reason and so the human patter

275

00:11:26,930 --> 00:11:25,139

self-deluded is unlimited I learned that

276

00:11:29,660 --> 00:11:26,940

at the time because I didn't want to

277

00:11:31,460 --> 00:11:29,670

take away people's beliefs even if they

278

00:11:33,350 --> 00:11:31,470

were wrong I mean people have the right

279

00:11:35,210 --> 00:11:33,360

to be deluded but in this particular

280

00:11:37,579 --> 00:11:35,220

case it had no effect on their beliefs

281

00:11:38,809 --> 00:11:37,589

but all the people watching or most of

282

00:11:41,059 --> 00:11:38,819

the people watching it had a great

283

00:11:44,059 --> 00:11:41,069

effect on when we did the documentary we

284

00:11:45,620 --> 00:11:44,069

also had Philip Adams lying on a desk in

285

00:11:48,050 --> 00:11:45,630

the Dick Smith electronics office and

286

00:11:50,179 --> 00:11:48,060

Randy was performing psychic surgery on

287

00:11:52,610 --> 00:11:50,189

him that was part of the film so we just

288

00:11:55,579 --> 00:11:52,620

didn't cover divining there was quite a

289

00:11:59,030 --> 00:11:55,589

lot and also Randy unremember he he had

290

00:12:00,530 --> 00:11:59,040

this pencil rolling up and down the the

291

00:12:01,910 --> 00:12:00,540

the desk and we couldn't work it out

292

00:12:03,259 --> 00:12:01,920

we're looking underneath it we finally

293

00:12:06,710 --> 00:12:03,269

work and he was just blowing it with his

294

00:12:08,990 --> 00:12:06,720

mouth but he was ism was is a master

295

00:12:12,199 --> 00:12:09,000

magician without any doubt and he had

296

00:12:14,389 --> 00:12:12,209

the ability to get the audience on side

297

00:12:17,329 --> 00:12:14,399

and from that point on without dad his

298

00:12:18,910 --> 00:12:17,339

trip to Australia helped him and he was

299

00:12:20,980 --> 00:12:18,920

appearing on the Johnny Carson

300

00:12:22,420 --> 00:12:20,990

so in the United States and he was

301  
00:12:25,030 --> 00:12:22,430  
becoming more and more famous in the

302  
00:12:27,460 --> 00:12:25,040  
u.s. of course he had a major falling

303  
00:12:29,410 --> 00:12:27,470  
out with the skeptical movement because

304  
00:12:30,850 --> 00:12:29,420  
Uri Geller took him on and were all and

305  
00:12:33,100 --> 00:12:30,860  
Uri Geller was also suing the whole

306  
00:12:35,740 --> 00:12:33,110  
skeptics movement and they didn't stand

307  
00:12:36,970 --> 00:12:35,750  
behind Randy and so in the end Randy

308  
00:12:38,920 --> 00:12:36,980  
went on his own for quite a long time

309  
00:12:42,400 --> 00:12:38,930  
now they're all back best mates again

310  
00:12:44,259 --> 00:12:42,410  
which is great another another important

311  
00:12:47,860 --> 00:12:44,269  
story is that when we were doing the

312  
00:12:50,620 --> 00:12:47,870  
tests for the Randy documentary I think

313  
00:12:52,180 --> 00:12:50,630

we found all of the diviners clustered

314

00:12:54,129 --> 00:12:52,190

around talking to each other and so I

315

00:12:55,930 --> 00:12:54,139

walked over noes listen to them and they

316

00:12:57,490 --> 00:12:55,940

were saying to each other this is not

317

00:13:00,759 --> 00:12:57,500

going to be fair we're all going to get

318

00:13:03,400 --> 00:13:00,769

this money the \$50,000 so they'd agreed

319

00:13:05,110 --> 00:13:03,410

to share it they'd all decided it would

320

00:13:07,750 --> 00:13:05,120

be only fair to Shara that was so

321

00:13:09,490 --> 00:13:07,760

convinced that the \$50,000 what a

322

00:13:10,900 --> 00:13:09,500

laydown Mercia and then another

323

00:13:12,340 --> 00:13:10,910

interesting thing which happened I'm not

324

00:13:14,980 --> 00:13:12,350

sure if it stayed in the film it might

325

00:13:17,379 --> 00:13:14,990

have that we had Australia's best of

326

00:13:19,780 --> 00:13:17,389

honors there and we also had about ten

327

00:13:22,120 --> 00:13:19,790

of Australia's best gold diviners so

328

00:13:24,460 --> 00:13:22,130

we'd bought out we'd borrowed an ingot

329

00:13:26,800 --> 00:13:24,470

of gold which came from the mint and we

330

00:13:28,930 --> 00:13:26,810

had security guards and everything but

331

00:13:30,910 --> 00:13:28,940

one of the diviners dropped his little

332

00:13:32,319 --> 00:13:30,920

bit of gold see most of the diviners

333

00:13:33,550 --> 00:13:32,329

hold a bit of gold in their hand a

334

00:13:35,290 --> 00:13:33,560

little bit of water to get the reading

335

00:13:37,840 --> 00:13:35,300

so he had his video God but he dropped

336

00:13:39,730 --> 00:13:37,850

it so in the end we had Australia's best

337

00:13:41,860 --> 00:13:39,740

diviners all trying to fund it they

338

00:13:44,980 --> 00:13:41,870

never found it again it disappeared a

339

00:13:48,939 --> 00:13:44,990

little bit of gold into the bushes or

340

00:13:51,519 --> 00:13:48,949

somewhere so to me it really taught me

341

00:13:54,069 --> 00:13:51,529

that water divining documentary that was

342

00:13:57,130 --> 00:13:54,079

the start of realizing that we're all

343

00:13:58,449 --> 00:13:57,140

self dilute in some way and we should

344

00:14:01,120 --> 00:13:58,459

all try and look for some evidence

345

00:14:02,889 --> 00:14:01,130

Before we jump in and believe something

346

00:14:04,809 --> 00:14:02,899

now let me tell you another story when

347

00:14:07,449 --> 00:14:04,819

Randy was here this is a fascinating one

348

00:14:10,269 --> 00:14:07,459

he was in my office and we'd done the

349

00:14:12,490 --> 00:14:10,279

tests outside with the diviners and that

350

00:14:14,590 --> 00:14:12,500

all failed and there was a reporter

351  
00:14:16,689 --> 00:14:14,600  
interviewing Randy and the reporter was

352  
00:14:18,699 --> 00:14:16,699  
from the country he said mate I believe

353  
00:14:20,860 --> 00:14:18,709  
in water divining my dad used it my

354  
00:14:22,900 --> 00:14:20,870  
families used it it's which I represent

355  
00:14:25,059 --> 00:14:22,910  
nothing you will tell me will show me

356  
00:14:26,439 --> 00:14:25,069  
that it doesn't work and so Randy

357  
00:14:28,540 --> 00:14:26,449  
grabbed he said get a couple of coat

358  
00:14:30,730 --> 00:14:28,550  
hangers and so we bent to coat hanger so

359  
00:14:32,470 --> 00:14:30,740  
they were just in an L shape and he said

360  
00:14:35,290 --> 00:14:32,480  
dick can you go down to the warehouse

361  
00:14:36,850 --> 00:14:35,300  
get a big speaker magnet so he got the

362  
00:14:38,560 --> 00:14:36,860  
big speaker magnet of course if you put

363  
00:14:40,150 --> 00:14:38,570

the rods near the speaker magnet they

364

00:14:41,710 --> 00:14:40,160

would pull over to the magnet and he

365

00:14:43,660 --> 00:14:41,720

said now what I'm gonna do to the

366

00:14:45,340 --> 00:14:43,670

reporter to the journalist he said I'm

367

00:14:47,170 --> 00:14:45,350

gonna put the speaker magnet in a box

368

00:14:48,069 --> 00:14:47,180

which he did and he said the Box on the

369

00:14:50,350 --> 00:14:48,079

end of the table

370

00:14:54,040 --> 00:14:50,360

he said now he said to the reporter I

371

00:14:56,530 --> 00:14:54,050

want you to try and go past the box and

372

00:14:58,480 --> 00:14:56,540

the magnet but try and keep the rods

373

00:15:01,120 --> 00:14:58,490

from being pulled over by the magnetic

374

00:15:03,250 --> 00:15:01,130

force so the reporter goes past it and

375

00:15:03,670 --> 00:15:03,260

the rods bend over make link against the

376

00:15:05,230 --> 00:15:03,680

box

377

00:15:07,689 --> 00:15:05,240

he said no try it again so he but the

378

00:15:09,250 --> 00:15:07,699

other way Baum they go over and then he

379

00:15:11,019 --> 00:15:09,260

said oh that's strange because there's

380

00:15:12,850 --> 00:15:11,029

no magnet there and he lifted the box by

381

00:15:15,250 --> 00:15:12,860

sleight of hand he'd removed the magnet

382

00:15:17,980 --> 00:15:15,260

and it was an absolute proof that when

383

00:15:20,470 --> 00:15:17,990

you think there's a magnet there it's

384

00:15:22,569 --> 00:15:20,480

like walking up an escalator you sort of

385

00:15:24,250 --> 00:15:22,579

tread differently and in in this

386

00:15:27,340 --> 00:15:24,260

particular case it just showed me

387

00:15:29,500 --> 00:15:27,350

absolutely how if you think something's

388

00:15:31,990 --> 00:15:29,510

happening about the muscles in your hand

389

00:15:33,610 --> 00:15:32,000

will move and they'll do what you think

390

00:15:35,769 --> 00:15:33,620

should happen even though there's

391

00:15:39,220 --> 00:15:35,779

nothing there to pull it another little

392

00:15:42,819 --> 00:15:39,230

story of these things come back to me of

393

00:15:45,280 --> 00:15:42,829

our dowsing test with James Randi I said

394

00:15:46,750 --> 00:15:45,290

to one of them I said look if you can

395

00:15:49,750 --> 00:15:46,760

find gold with a hundred percent

396

00:15:51,280 --> 00:15:49,760

accuracy I why aren't you wealthy

397

00:15:51,759 --> 00:15:51,290

because they all came and they had no

398

00:15:53,980 --> 00:15:51,769

money

399

00:15:55,990 --> 00:15:53,990

and he looked at me and he touching on

400

00:16:00,100 --> 00:15:56,000

the Sun he said dick we're all not

401  
00:16:02,259 --> 00:16:00,110  
interested in money like you are it's so

402  
00:16:03,490 --> 00:16:02,269  
lovely and so they weren't interested in

403  
00:16:05,110 --> 00:16:03,500  
money but they were all planning what

404  
00:16:07,180 --> 00:16:05,120  
they're going to do when they got the

405  
00:16:09,370 --> 00:16:07,190  
forty or fifty thousand dollars or

406  
00:16:11,199 --> 00:16:09,380  
whatever it ended up to be we bought

407  
00:16:13,180 --> 00:16:11,209  
Randy out I'd sent press releases out

408  
00:16:14,829 --> 00:16:13,190  
the media were not interested basically

409  
00:16:16,840 --> 00:16:14,839  
had no real interest in the water

410  
00:16:19,840 --> 00:16:16,850  
divining test at all but then I got a

411  
00:16:22,509 --> 00:16:19,850  
phone call from the producer at channel

412  
00:16:24,160 --> 00:16:22,519  
9 in Melbourne for the Don Lane show now

413  
00:16:26,319 --> 00:16:24,170

I'd appeared on the Don Lane show from

414

00:16:28,210 --> 00:16:26,329

time to time and I knew Don was a total

415

00:16:30,579 --> 00:16:28,220

believer in Uri Geller and Doris Stokes

416

00:16:33,400 --> 00:16:30,589

he believed in everything and they said

417

00:16:34,689 --> 00:16:33,410

ah Don would like Randy to come on and I

418

00:16:36,730 --> 00:16:34,699

thought well that's a bit strange but

419

00:16:39,250 --> 00:16:36,740

it'll be great publicity we had no idea

420

00:16:41,620 --> 00:16:39,260

of course that when Randy went on and

421

00:16:43,240 --> 00:16:41,630

the segment when Don lost his temper and

422

00:16:46,540 --> 00:16:43,250

threw the spoons off and walked off his

423

00:16:47,680 --> 00:16:46,550

own show living a mr. James Randi with

424

00:16:49,630 --> 00:16:47,690

he'll television right around the

425

00:16:51,070 --> 00:16:49,640

country stanlon dollars the people to

426

00:16:52,810 --> 00:16:51,080

say people are fakes you said Doris

427

00:16:54,519 --> 00:16:52,820

Stokes knows make know I can say uri

428

00:16:56,199 --> 00:16:54,529

geller is a fake you came here and

429

00:16:58,030 --> 00:16:56,209

you've given everybody a lot of lizards

430

00:16:59,920 --> 00:16:58,040

no no when you haven't done anything to

431

00:17:01,770 --> 00:16:59,930

show us a lot of tricks that you're too

432

00:17:09,119 --> 00:17:01,780

bad you know

433

00:17:14,349 --> 00:17:11,739

so you said he was a fake you called him

434

00:17:16,720 --> 00:17:14,359

a to do you call them a two-bit magician

435

00:17:18,789 --> 00:17:16,730

you said he was a fake and you said he

436

00:17:20,710 --> 00:17:18,799

didn't I'm not defending your ego what I

437

00:17:22,899 --> 00:17:20,720

am defending is you you come over here

438

00:17:24,460 --> 00:17:22,909

with this big reputation you give us a

439

00:17:26,229 --> 00:17:24,470

lot of lip service about all this stuff

440

00:17:27,639 --> 00:17:26,239

that you're gonna prove you go against

441

00:17:29,109 --> 00:17:27,649

the lady like Doris Stokes who never

442

00:17:30,909 --> 00:17:29,119

harmed anybody in her whole life and you

443

00:17:33,159 --> 00:17:30,919

call her a Charlotte and the fake you

444

00:17:35,049 --> 00:17:33,169

know he said yes I do you said that she

445

00:17:35,649 --> 00:17:35,059

was a liar on the radio you called her a

446

00:17:43,919 --> 00:17:35,659

liar

447

00:17:47,379 --> 00:17:43,929

no and that woman would break an you can

448

00:17:49,359 --> 00:17:47,389

and of course from that instant on Randi

449

00:17:52,029 --> 00:17:49,369

was famous I'll give you an example that

450

00:17:54,879 --> 00:17:52,039

when Randy arrived back in Sydney to

451  
00:17:58,299 --> 00:17:54,889  
come up to my house here from the next

452  
00:17:59,979 --> 00:17:58,309  
morning I went out to the scenic uses

453  
00:18:01,629 --> 00:17:59,989  
for the airport to pick up Randy there

454  
00:18:03,639 --> 00:18:01,639  
are all these media people there the

455  
00:18:05,349 --> 00:18:03,649  
television and there were people with

456  
00:18:06,909 --> 00:18:05,359  
their notebooks and press cameras

457  
00:18:09,399 --> 00:18:06,919  
everything what's this about they were

458  
00:18:11,169 --> 00:18:09,409  
there for Andy and so it was amazing he

459  
00:18:14,279 --> 00:18:11,179  
went from being completely unknown to

460  
00:18:17,049 --> 00:18:14,289  
becoming famous and if you google google

461  
00:18:18,909 --> 00:18:17,059  
Don Lane Randy you come up with that

462  
00:18:20,710 --> 00:18:18,919  
segment it has been run and run and run

463  
00:18:22,690 --> 00:18:20,720

and what it did for the skeptical

464

00:18:25,389 --> 00:18:22,700

movement was fantastic because it gave

465

00:18:26,680 --> 00:18:25,399

us this incredible publicity well

466

00:18:28,749 --> 00:18:26,690

there's a fascinating story about the

467

00:18:31,659 --> 00:18:28,759

check and pips home account what had

468

00:18:33,909 --> 00:18:31,669

happened this New Zealand millionaire he

469

00:18:36,249 --> 00:18:33,919

had this protege who could water Devine

470

00:18:38,080 --> 00:18:36,259

beautifully and Devine anything and he

471

00:18:41,289 --> 00:18:38,090

contacted me said can I send this person

472

00:18:43,720 --> 00:18:41,299

to Australia to win the \$100,000 by then

473

00:18:45,609 --> 00:18:43,730

it was \$100,000 that I came up with and

474

00:18:47,710 --> 00:18:45,619

so on the morning I had to go up to

475

00:18:49,210 --> 00:18:47,720

Gosford because it was a gospel radio

476

00:18:51,549 --> 00:18:49,220

station that was going to run the test

477

00:18:53,470 --> 00:18:51,559

and I remember saying to pick quick

478

00:18:55,149 --> 00:18:53,480

where's the checkbook and so she found

479

00:18:57,729 --> 00:18:55,159

her checkbook which was her home account

480

00:19:01,060 --> 00:18:57,739

and she said I was only got \$250 in it

481

00:19:02,830 --> 00:19:01,070

so I wrote out the \$100,000 check went

482

00:19:04,539 --> 00:19:02,840

up to Gosford and I said to the radio

483

00:19:06,399 --> 00:19:04,549

station manager because it was a total

484

00:19:07,570 --> 00:19:06,409

believer in water divining you are if

485

00:19:09,700 --> 00:19:07,580

you live in Gosford there's water

486

00:19:12,369 --> 00:19:09,710

everywhere and I handed in the check and

487

00:19:13,720 --> 00:19:12,379

I said you hand that check you decide

488

00:19:15,070 --> 00:19:13,730

who's the winner in your hand the check

489

00:19:17,379 --> 00:19:15,080

over hundred thousand dollars and he's

490

00:19:19,029 --> 00:19:17,389

shaky he says oh I've never held so much

491

00:19:21,430 --> 00:19:19,039

money in my life before and I thought if

492

00:19:21,920 --> 00:19:21,440

he only knew of course I would have come

493

00:19:23,990 --> 00:19:21,930

up with them

494

00:19:26,060 --> 00:19:24,000

but what happened this this guy had

495

00:19:27,980 --> 00:19:26,070

arrived from New Zealand he was

496

00:19:29,870 --> 00:19:27,990

demonstrating he had a brass door

497

00:19:31,580 --> 00:19:29,880

knocker and he kept putting it down on

498

00:19:33,260 --> 00:19:31,590

the ground and he'd walk around and the

499

00:19:35,660 --> 00:19:33,270

rods would been it was incredibly

500

00:19:39,110 --> 00:19:35,670

effective and I said look we were going

501  
00:19:41,930 --> 00:19:39,120  
to have 10 cardboard shoeboxes and I

502  
00:19:43,850 --> 00:19:41,940  
said what so we use your door knocker in

503  
00:19:45,500 --> 00:19:43,860  
the cardboard box and he couldn't

504  
00:19:48,260 --> 00:19:45,510  
believe it how could I be that fair I

505  
00:19:50,720 --> 00:19:48,270  
was gonna lose my money and so we put

506  
00:19:52,910 --> 00:19:50,730  
the the door knocker in the cardboard

507  
00:19:54,410 --> 00:19:52,920  
box first of all we get him to check

508  
00:19:56,270 --> 00:19:54,420  
without the door knocker is there any

509  
00:19:58,460 --> 00:19:56,280  
effect he got no effect with the 10

510  
00:20:00,500 --> 00:19:58,470  
cardboard boxes oh one stage he saw my

511  
00:20:02,840 --> 00:20:00,510  
briefcase he said can I move that

512  
00:20:04,280 --> 00:20:02,850  
further away he was convinced there was

513  
00:20:06,500 --> 00:20:04,290

something in the briefcase because he

514

00:20:08,060 --> 00:20:06,510

thought how can this Dick Smith he's not

515

00:20:09,860 --> 00:20:08,070

gonna lose his hundred thousand dollars

516

00:20:11,930 --> 00:20:09,870

there must be something going to stop me

517

00:20:14,270 --> 00:20:11,940

from winning so we moved the brief

518

00:20:15,980 --> 00:20:14,280

briefcase then I said now we're going to

519

00:20:17,630 --> 00:20:15,990

put the brass knocker in when other

520

00:20:19,040 --> 00:20:17,640

boxes and you shows you get the ready

521

00:20:21,140 --> 00:20:19,050

he said I'll it's not necessary and I

522

00:20:23,600 --> 00:20:21,150

said yes it is it's part of the protocol

523

00:20:24,980 --> 00:20:23,610

set by James Randi so we then put the

524

00:20:26,690 --> 00:20:24,990

brass knocker in box number two and he

525

00:20:28,910 --> 00:20:26,700

goes along and box number two he's

526

00:20:30,290 --> 00:20:28,920

pulling the rods it's just unbelievable

527

00:20:32,990 --> 00:20:30,300

the pulling power when you know it's

528

00:20:35,570 --> 00:20:33,000

there so I said now what we'll do and we

529

00:20:37,550 --> 00:20:35,580

had 10 little disks in a bag and I said

530

00:20:40,040 --> 00:20:37,560

I'll go away and I said you'll go away

531

00:20:42,110 --> 00:20:40,050

they'll then randomly put they'll take a

532

00:20:45,080 --> 00:20:42,120

disc out between 1 and 10 and then put

533

00:20:47,480 --> 00:20:45,090

the brass doorknocker in one of the 10

534

00:20:48,890 --> 00:20:47,490

cardboard boxes then that person will go

535

00:20:51,110 --> 00:20:48,900

away and then you'll come along and

536

00:20:52,970 --> 00:20:51,120

you'll divine which one it's in well of

537

00:20:55,400 --> 00:20:52,980

course what happened he went I think he

538

00:20:57,200 --> 00:20:55,410

magically got less than 1 in 10 I find

539

00:21:00,320 --> 00:20:57,210

this quite often happens and so

540

00:21:01,850 --> 00:21:00,330

unfortunately he failed now I must tell

541

00:21:04,280 --> 00:21:01,860

you another story I'm here in the house

542

00:21:07,880 --> 00:21:04,290

here and there's a knock on the door and

543

00:21:09,500 --> 00:21:07,890

this gentleman about 75 years of age did

544

00:21:12,620 --> 00:21:09,510

come all the way from Melbourne to win

545

00:21:14,030 --> 00:21:12,630

the \$100,000 and he knocked on the door

546

00:21:15,590 --> 00:21:14,040

and he had written to me and I said no

547

00:21:17,120 --> 00:21:15,600

look I don't want to spend any more time

548

00:21:20,090 --> 00:21:17,130

I don't want to waste your time so he

549

00:21:22,160 --> 00:21:20,100

came over with his wife and he as I

550

00:21:24,110 --> 00:21:22,170

opened the door he he threw a dollar

551  
00:21:25,760 --> 00:21:24,120  
note down on the ground he said look at

552  
00:21:27,680 --> 00:21:25,770  
this and he's got his divining write

553  
00:21:29,810 --> 00:21:27,690  
down and though the dollar note is

554  
00:21:32,180 --> 00:21:29,820  
pulling the divining rods I said ok so

555  
00:21:34,970 --> 00:21:32,190  
we went and got the 10 cardboard boxes

556  
00:21:36,200 --> 00:21:34,980  
and he didn't even pass the first test

557  
00:21:37,670 --> 00:21:36,210  
because

558  
00:21:39,680 --> 00:21:37,680  
we did the test there was no reading

559  
00:21:41,690 --> 00:21:39,690  
when there was nothing in it so then he

560  
00:21:43,610 --> 00:21:41,700  
put I said now you've got to put the

561  
00:21:45,830 --> 00:21:43,620  
dollar in one of the boxes and show that

562  
00:21:48,200 --> 00:21:45,840  
it works when the lids on the box so he

563  
00:21:49,940 --> 00:21:48,210

put the dollar in box number three said

564

00:21:53,210 --> 00:21:49,950

it done then goes up and down in

565

00:21:56,060 --> 00:21:53,220

Divine's at his box number four and his

566

00:21:58,150 --> 00:21:56,070

wife said darling remember what box you

567

00:22:00,530 --> 00:21:58,160

put it in she kept repeating this and

568

00:22:02,420 --> 00:22:00,540

eventually as I said it's definitely box

569

00:22:03,920 --> 00:22:02,430

number four is it yes yes Paul is

570

00:22:05,960 --> 00:22:03,930

pulling like that so he lifts the lid

571

00:22:08,810 --> 00:22:05,970

it's not there because it was in box

572

00:22:11,420 --> 00:22:08,820

number three and what it showed is to me

573

00:22:13,340 --> 00:22:11,430

how genuine I've never yet met a

574

00:22:16,310 --> 00:22:13,350

fraudulent person when it comes to

575

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

claiming the \$100,000 already now as I

576

00:22:19,730 --> 00:22:18,330

think a million dollars I've never met a

577

00:22:23,080 --> 00:22:19,740

fraudulent person when it comes to the

578

00:22:25,640 --> 00:22:23,090

divining tests yes with some other about

579

00:22:28,610 --> 00:22:25,650

contests I have but the divining tests

580

00:22:31,370 --> 00:22:28,620

have been genuinely genuinely believed

581

00:22:32,960 --> 00:22:31,380

is in their ability which they've never

582

00:22:34,850 --> 00:22:32,970

been able to show to any person who

583

00:22:37,310 --> 00:22:34,860

gives us a bit of rational thinking it

584

00:22:40,220 --> 00:22:37,320

simply doesn't work it's ideomotor

585

00:22:43,550 --> 00:22:40,230

reaction if you think it's there it's

586

00:22:47,510 --> 00:22:43,560

there I must tell you another story um

587

00:22:51,650 --> 00:22:47,520

in England there is the English dowels

588

00:22:53,990 --> 00:22:51,660

of society and I became a member they

589

00:22:55,850 --> 00:22:54,000

did not as a skeptic and one day they

590

00:22:59,410 --> 00:22:55,860

sent me their magazine and they said

591

00:23:02,600 --> 00:22:59,420

we're having a contest here is a map and

592

00:23:05,570 --> 00:23:02,610

there's a gold in gold mine on one bit

593

00:23:08,030 --> 00:23:05,580

of a map please send to please do tells

594

00:23:11,540 --> 00:23:08,040

it with your pendulum and market where

595

00:23:14,000 --> 00:23:11,550

it is and the person closest to the gold

596

00:23:16,310 --> 00:23:14,010

will win an award from the English

597

00:23:17,600 --> 00:23:16,320

dowsing Society I thought fantastic I

598

00:23:19,160 --> 00:23:17,610

got in touch with ready I said let's

599

00:23:20,540 --> 00:23:19,170

watch this and so we waited and waited

600

00:23:22,430 --> 00:23:20,550

and waited we put in a couple of

601  
00:23:23,960 --> 00:23:22,440  
entrance ourselves and then they came

602  
00:23:27,230 --> 00:23:23,970  
back and they brought it their magazine

603  
00:23:29,300 --> 00:23:27,240  
they said oh we've cancelled the contest

604  
00:23:31,370 --> 00:23:29,310  
because they said something weird has

605  
00:23:34,220 --> 00:23:31,380  
happened and everything's been corrupted

606  
00:23:36,980 --> 00:23:34,230  
and we just got random marks all across

607  
00:23:39,920 --> 00:23:36,990  
the map of where the gold was so it had

608  
00:23:42,290 --> 00:23:39,930  
no effect on their belief that maybe

609  
00:23:44,150 --> 00:23:42,300  
their belief is wrong and you can't dows

610  
00:23:46,250 --> 00:23:44,160  
a map I mean if you have anything so

611  
00:23:48,290 --> 00:23:46,260  
ridiculous you get a pendulum on a map

612  
00:23:49,270 --> 00:23:48,300  
to design where a gold mine is by the

613  
00:23:52,120 --> 00:23:49,280

way

614

00:23:53,680 --> 00:23:52,130

the skepticism movement is important

615

00:23:56,890 --> 00:23:53,690

because from time to time and a good

616

00:23:59,380 --> 00:23:56,900

example would be the immunization

617

00:24:01,690 --> 00:23:59,390

movement we ended up with a situation I

618

00:24:04,419 --> 00:24:01,700

got back involved again where there was

619

00:24:06,100 --> 00:24:04,429

a quite extraordinary organization

620

00:24:07,960 --> 00:24:06,110

called the Australian vaccination

621

00:24:10,630 --> 00:24:07,970

Network now in fact they were anti

622

00:24:12,760 --> 00:24:10,640

vaccination they had completely deluded

623

00:24:15,039 --> 00:24:12,770

themselves into believing the things you

624

00:24:17,140 --> 00:24:15,049

hear that vaccination causes autism and

625

00:24:19,029 --> 00:24:17,150

all of these claims that have been shown

626  
00:24:21,640 --> 00:24:19,039  
to have no evidence but they were quite

627  
00:24:23,890 --> 00:24:21,650  
influential and so I got involved again

628  
00:24:25,600 --> 00:24:23,900  
being sort of a public figure and I was

629  
00:24:27,430 --> 00:24:25,610  
able to get out there and say look

630  
00:24:30,700 --> 00:24:27,440  
please vaccinate your children they're

631  
00:24:32,529 --> 00:24:30,710  
going to die and it taught me again that

632  
00:24:34,210 --> 00:24:32,539  
we have to be very careful in society

633  
00:24:35,950 --> 00:24:34,220  
because especially with modern

634  
00:24:38,649 --> 00:24:35,960  
communications the internet and so forth

635  
00:24:42,460 --> 00:24:38,659  
that you can send out something either a

636  
00:24:45,820 --> 00:24:42,470  
hoax in the case of that Randy opera

637  
00:24:48,220 --> 00:24:45,830  
house stunt or genuinely deluded people

638  
00:24:50,860 --> 00:24:48,230

and the genuinely deluded people are

639

00:24:52,870 --> 00:24:50,870

many ways the most dangerous to society

640

00:24:56,950 --> 00:24:52,880

because they can get large followings

641

00:24:58,539 --> 00:24:56,960

because they're so genuine and my my

642

00:25:01,029 --> 00:24:58,549

attitude on this by the way is that we

643

00:25:02,890 --> 00:25:01,039

trust doctors to do heart transplants

644

00:25:05,260 --> 00:25:02,900

well I reckon I'm gonna trust them to

645

00:25:07,180 --> 00:25:05,270

tell me whether a vaccination is safe or

646

00:25:08,860 --> 00:25:07,190

not the other thing we've got to be

647

00:25:12,580 --> 00:25:08,870

communicating is that everything has

648

00:25:15,700 --> 00:25:12,590

risk this tends to be forgotten and yes

649

00:25:17,320 --> 00:25:15,710

you get you go into an operation you

650

00:25:19,779 --> 00:25:17,330

have a full anaesthetic and there's a

651  
00:25:21,640 --> 00:25:19,789  
one in 50,000 some people claim one in

652  
00:25:23,380 --> 00:25:21,650  
\$500,000 you will die from the

653  
00:25:25,149 --> 00:25:23,390  
anaesthetic but that doesn't mean to say

654  
00:25:27,490 --> 00:25:25,159  
you don't get operated on for a heart

655  
00:25:29,200 --> 00:25:27,500  
problem or a lung problem cancer all of

656  
00:25:30,610 --> 00:25:29,210  
those things people have got to

657  
00:25:32,919 --> 00:25:30,620  
understand that there's risk with

658  
00:25:35,370 --> 00:25:32,929  
everything but it's the balance what's

659  
00:25:38,770 --> 00:25:35,380  
the chance of you dying from this

660  
00:25:40,600 --> 00:25:38,780  
injection - compared to what's the

661  
00:25:41,890 --> 00:25:40,610  
chance of you having a good life because

662  
00:25:48,649 --> 00:25:41,900  
you've had the injection and your

663  
00:25:53,549 --> 00:25:51,479

you can see more of that interview with

664

00:25:55,950 --> 00:25:53,559

dick Smith by following the link on this

665

00:25:59,190 --> 00:25:55,960

week's show notes and other interviews

666

00:26:11,510 --> 00:25:59,200

about the history of Australian skeptics

667

00:26:13,700 --> 00:26:11,520

[Music]

668

00:26:15,470 --> 00:26:13,710

hiya folks Maynard here and I'll be

669

00:26:17,720 --> 00:26:15,480

conducting very special interviews with

670

00:26:21,530 --> 00:26:17,730

Richard Saunders and other people at

671

00:26:22,450 --> 00:26:21,540

skeptic Con in Melbourne I say it

672

00:26:26,720 --> 00:26:22,460

Melbourne

673

00:26:28,910 --> 00:26:26,730

and people who talk a lot and there will

674

00:26:31,850 --> 00:26:28,920

be a lot of talking going on at skeptic

675

00:26:34,310 --> 00:26:31,860

on in fact a magic going and studying at

676  
00:26:36,590 --> 00:26:34,320  
some tertiary institution for many many

677  
00:26:37,610 --> 00:26:36,600  
years only to find yourself in Melbourne

678  
00:26:39,260 --> 00:26:37,620  
being interviewed by me

679  
00:26:40,520 --> 00:26:39,270  
hardly the academic reward you would

680  
00:26:42,169 --> 00:26:40,530  
like but that will be happening in

681  
00:26:45,080 --> 00:26:42,179  
December as Richard Saunders and myself

682  
00:26:46,790 --> 00:26:45,090  
just completely blitz the record for how

683  
00:26:48,799 --> 00:26:46,800  
many interviews we can do in a 24 hour

684  
00:26:50,540 --> 00:26:48,809  
period or even a 48 hour period and

685  
00:26:53,030 --> 00:26:50,550  
that's quite a lot and this time we're

686  
00:26:55,430 --> 00:26:53,040  
gonna go for quite a lot more that's

687  
00:26:58,310 --> 00:26:55,440  
that skeptic on be there in December in

688  
00:26:59,900 --> 00:26:58,320

Melbourne I'm standing here with a bad

689

00:27:14,340 --> 00:26:59,910

haircut in an even worse suit

690

00:27:19,870 --> 00:27:17,290

on the sceptic zone podcast over many

691

00:27:22,540 --> 00:27:19,880

years and right now and we have tackled

692

00:27:28,000 --> 00:27:22,550

the issue look at the issue examined the

693

00:27:31,000 --> 00:27:28,010

issue of one of the most bizarre forms

694

00:27:32,860 --> 00:27:31,010

of quackery I have ever seen and the

695

00:27:33,910 --> 00:27:32,870

first time I saw this particular piece

696

00:27:37,690 --> 00:27:33,920

of whooo

697

00:27:41,430 --> 00:27:37,700

I had to look twice because I could not

698

00:27:44,410 --> 00:27:41,440

believe what I was seeing ear candling

699

00:27:47,440 --> 00:27:44,420

for those of you who may not know this

700

00:27:53,040 --> 00:27:47,450

is where you get a little candle or I

701  
00:27:57,160 --> 00:27:53,050  
should say it's more like a tube of wax

702  
00:28:00,340 --> 00:27:57,170  
in the shape of a candle you stick one

703  
00:28:04,150 --> 00:28:00,350  
in in your ear while lying down on your

704  
00:28:06,220 --> 00:28:04,160  
side and the other end is lit the

705  
00:28:09,850 --> 00:28:06,230  
thinking behind it if thinking is the

706  
00:28:15,040 --> 00:28:09,860  
right term is that the flame will cause

707  
00:28:18,490 --> 00:28:15,050  
a vacuum up the tube of the air candle a

708  
00:28:22,890 --> 00:28:18,500  
hollow inside this vacuum will draw out

709  
00:28:26,410 --> 00:28:22,900  
wax from your ear now not only is this

710  
00:28:28,150 --> 00:28:26,420  
scientifically implausible in fact or

711  
00:28:31,120 --> 00:28:28,160  
the vacuum to do that would probably

712  
00:28:33,100 --> 00:28:31,130  
perforate your eardrum anyway it's

713  
00:28:35,760 --> 00:28:33,110

physically not possible it doesn't work

714

00:28:39,100 --> 00:28:35,770

the little flame at the end of the

715

00:28:40,270 --> 00:28:39,110

candle does not create such a vacuum but

716

00:28:41,920 --> 00:28:40,280

then we get all the other new-age

717

00:28:44,890 --> 00:28:41,930

garbage which is normally made with

718

00:28:47,410 --> 00:28:44,900

similar things it will give you a peace

719

00:28:51,240 --> 00:28:47,420

of mind it will balance your energies it

720

00:28:54,490 --> 00:28:51,250

will draw out other toxins and so on

721

00:28:56,710 --> 00:28:54,500

it's a spiritual thing to do maybe the

722

00:29:00,490 --> 00:28:56,720

reality is of course that these things

723

00:29:04,360 --> 00:29:00,500

are dangerous and they have no known

724

00:29:06,970 --> 00:29:04,370

medical benefits the danger comes in

725

00:29:09,730 --> 00:29:06,980

sticking a candle in your ear which can

726  
00:29:13,330 --> 00:29:09,740  
result in hot wax dripping down into the

727  
00:29:16,240 --> 00:29:13,340  
ear canal so it's good to see that once

728  
00:29:18,549 --> 00:29:16,250  
again once again our good friends at the

729  
00:29:21,460 --> 00:29:18,559  
good thinking Society

730  
00:29:24,159 --> 00:29:21,470  
I've stepped up to the plate fronted up

731  
00:29:26,860 --> 00:29:24,169  
to bat at the crease for science and

732  
00:29:30,639 --> 00:29:26,870  
reason and here's a press release from

733  
00:29:36,369 --> 00:29:30,649  
the good thinking society in the UK of

734  
00:29:39,369 --> 00:29:36,379  
course dated November the 19th 2019 BBC

735  
00:29:44,049 --> 00:29:39,379  
upholds our complaints against Claudia

736  
00:29:47,529 --> 00:29:44,059  
tries dot dot dot ear candling this post

737  
00:29:49,840 --> 00:29:47,539  
is by Laura Thomason the BBC's executive

738  
00:29:53,739 --> 00:29:49,850

complaint unit has upheld our complaint

739

00:29:57,009 --> 00:29:53,749

against quote Claudia tries dot dot dot

740

00:29:59,440 --> 00:29:57,019

ear candling in quote a short video

741

00:30:02,710 --> 00:29:59,450

which appeared on the Glasgow based

742

00:30:04,690 --> 00:30:02,720

digital platform the social we are

743

00:30:07,029 --> 00:30:04,700

concerned that the video gave the

744

00:30:10,269 --> 00:30:07,039

misleading impression that ear candling

745

00:30:13,840 --> 00:30:10,279

is both effective and safe the presenter

746

00:30:16,659 --> 00:30:13,850

Claudia Scott said ear candles are known

747

00:30:19,119 --> 00:30:16,669

for drawing out impurities clearing

748

00:30:21,340 --> 00:30:19,129

pressure and relieving sinuses

749

00:30:23,859 --> 00:30:21,350

she also said she would recommend this

750

00:30:25,509 --> 00:30:23,869

as an alternative to ear syringing for

751  
00:30:28,899 --> 00:30:25,519  
anyone who was worried about having

752  
00:30:31,720 --> 00:30:28,909  
their ears syringe now as an aside I

753  
00:30:34,480 --> 00:30:31,730  
will say that many years ago I was

754  
00:30:36,850 --> 00:30:34,490  
suffering from ear problems after

755  
00:30:39,779 --> 00:30:36,860  
swimming the water wouldn't all drain

756  
00:30:42,460 --> 00:30:39,789  
out from my ears it was very annoying

757  
00:30:44,649 --> 00:30:42,470  
finally I went to the doctor for an

758  
00:30:47,889 --> 00:30:44,659  
examination and lo and behold I had some

759  
00:30:50,889 --> 00:30:47,899  
blockage in this and wax a quick syringe

760  
00:30:55,560 --> 00:30:50,899  
and my problems were fixed it was

761  
00:30:58,480 --> 00:30:55,570  
remarkable we read on the BBC ECU

762  
00:31:00,970 --> 00:30:58,490  
concluded there is no evidence that ear

763  
00:31:04,090 --> 00:31:00,980

candling is an effective treatment for

764

00:31:06,129 --> 00:31:04,100

any condition and the website version of

765

00:31:09,070 --> 00:31:06,139

the item though not it's Facebook

766

00:31:11,259 --> 00:31:09,080

iteration was accompanied by text

767

00:31:13,720 --> 00:31:11,269

stating the NHS view was that the

768

00:31:17,980 --> 00:31:13,730

practice was not supported by evidence

769

00:31:20,070 --> 00:31:17,990

and that sinus / ear problems should be

770

00:31:23,049 --> 00:31:20,080

referred to a doctor or pharmacist

771

00:31:25,239 --> 00:31:23,059

however this was entirely offset by

772

00:31:27,700 --> 00:31:25,249

comments from the presenter which

773

00:31:30,549 --> 00:31:27,710

recommended the treatment and endorsed

774

00:31:32,590 --> 00:31:30,559

claims for its effects the head of

775

00:31:34,480 --> 00:31:32,600

editorial standards Scott

776

00:31:36,580 --> 00:31:34,490

has discussed with the team the

777

00:31:38,889 --> 00:31:36,590

importance of accuracy in items which

778

00:31:41,019 --> 00:31:38,899

feature or make reference to practices

779

00:31:43,299 --> 00:31:41,029

which might be harmful we would suggest

780

00:31:45,810 --> 00:31:43,309

that any subject relating to health or

781

00:31:48,310 --> 00:31:45,820

medicine would require careful

782

00:31:51,639 --> 00:31:48,320

consideration and is unlikely to be

783

00:31:54,759 --> 00:31:51,649

suitable for a light-hearted quote

784

00:31:57,100 --> 00:31:54,769

lifestyle in quote feature presenting

785

00:31:59,710 --> 00:31:57,110

Fringe ideas and treatments in this way

786

00:32:01,690 --> 00:31:59,720

gives the audience a wholly misleading

787

00:32:04,539 --> 00:32:01,700

impression that can lead them to make

788

00:32:11,080 --> 00:32:04,549

unwise and even dangerous health

789

00:32:15,810 --> 00:32:11,090

decisions so once again three cheers for

790

00:32:18,580 --> 00:32:15,820

the good thinking society in the UK and

791

00:32:21,370 --> 00:32:18,590

well as I said in a recent Twitter post

792

00:32:24,070 --> 00:32:21,380

you can follow the skeptics out on

793

00:32:26,289 --> 00:32:24,080

Twitter at the skeptic zone to Aldi

794

00:32:28,960 --> 00:32:26,299

supermarkets here in Australia who were

795

00:32:33,009 --> 00:32:28,970

selling ear candles although they ended

796

00:32:36,519 --> 00:32:33,019

up in the bargain cabinet marked down

797

00:32:38,259 --> 00:32:36,529

I said words to the effect that the ear

798

00:32:41,530 --> 00:32:38,269

candles don't belong in the bargain

799

00:32:43,320 --> 00:32:41,540

section they belong into the Beermen a

800

00:32:45,639 --> 00:32:43,330

[Music]

801  
00:32:47,740 --> 00:32:45,649  
link to this story from the good

802  
00:32:57,250 --> 00:32:47,750  
thinking society in this week's show

803  
00:32:57,260 --> 00:33:04,310  
[Music]

804  
00:33:04,320 --> 00:33:11,160  
[Applause]

805  
00:33:16,480 --> 00:33:15,610  
hey Richard oh hi Trish hi would you

806  
00:33:18,370 --> 00:33:16,490  
like a coffee

807  
00:33:20,200 --> 00:33:18,380  
yeah thanks what are you working on I'm

808  
00:33:23,140 --> 00:33:20,210  
trying to come up with a new promo to

809  
00:33:25,960 --> 00:33:23,150  
play on the sceptic zone is it for the

810  
00:33:28,480 --> 00:33:25,970  
good thinking society in the UK you know

811  
00:33:30,100 --> 00:33:28,490  
the oh yeah I know them the guys who

812  
00:33:32,230 --> 00:33:30,110  
recently chased the homeopaths out of

813  
00:33:34,150 --> 00:33:32,240

the UK public health system oh did they

814

00:33:35,320 --> 00:33:34,160

yeah they campaigned and lobbied

815

00:33:38,470 --> 00:33:35,330

government for a while and now you

816

00:33:39,820 --> 00:33:38,480

cannot get homeopathy on the NHS so they

817

00:33:41,830 --> 00:33:39,830

can now spend public money on health

818

00:33:44,170 --> 00:33:41,840

care that works Yeah right look I'll

819

00:33:48,760 --> 00:33:44,180

mention that in the promo now their

820

00:33:50,590 --> 00:33:48,770

website is good thinking society org and

821

00:33:52,090 --> 00:33:50,600

that website is a good resource for

822

00:33:54,100 --> 00:33:52,100

learning more about quackery

823

00:33:55,490 --> 00:33:54,110

thanks Trish that gives me something

824

00:34:09,580 --> 00:33:55,500

good to think about

825

00:34:15,830 --> 00:34:13,700

you may remember I interviewed a very

826

00:34:19,100 --> 00:34:15,840

young war I met at DragonCon by the name

827

00:34:22,460 --> 00:34:19,110

of Bailey Harris now this was on show

828

00:34:28,010 --> 00:34:22,470

number five seven one on the 22nd of

829

00:34:30,770 --> 00:34:28,020

September this year Bailey is an author

830

00:34:32,030 --> 00:34:30,780

speaker and advocate for free thought

831

00:34:34,190 --> 00:34:32,040

and human rights

832

00:34:38,390 --> 00:34:34,200

now she wrote a series of books called

833

00:34:40,970 --> 00:34:38,400

Stardust about the history of well

834

00:34:42,020 --> 00:34:40,980

everything the universe life on Earth

835

00:34:44,600 --> 00:34:42,030

all that sort of thing

836

00:34:49,250 --> 00:34:44,610

directed at children so in the past week

837

00:34:53,570 --> 00:34:49,260

I got word from Bailey that a video has

838

00:34:56,000 --> 00:34:53,580

been made of her adventure visiting Ark

839

00:34:58,040 --> 00:34:56,010

Encounter in Kentucky in the United

840

00:35:01,310 --> 00:34:58,050

States now for those of you who may not

841

00:35:05,870 --> 00:35:01,320

know the Ark Encounter is a giant

842

00:35:08,090 --> 00:35:05,880

replica of yes Noah's Ark and you can

843

00:35:10,640 --> 00:35:08,100

wander through Noah's Ark and look at

844

00:35:13,130 --> 00:35:10,650

all the animals in the pens or replica

845

00:35:17,740 --> 00:35:13,140

animals in replica pens learn all about

846

00:35:20,150 --> 00:35:17,750

the true history of the universe as

847

00:35:23,600 --> 00:35:20,160

revealed in the pages of the Old

848

00:35:26,480 --> 00:35:23,610

Testament but maybe more importantly for

849

00:35:29,300 --> 00:35:26,490

us you can see Bailey's visit to the Ark

850

00:35:31,850 --> 00:35:29,310

Encounter via a youtube video now the

851  
00:35:34,670 --> 00:35:31,860  
information accompanying says what

852  
00:35:37,780 --> 00:35:34,680  
better way to spend Easter weekend than

853  
00:35:41,090 --> 00:35:37,790  
to take a tour of the Ark Encounter and

854  
00:35:44,450 --> 00:35:41,100  
expose the anti-science that it bleeds

855  
00:35:46,930 --> 00:35:44,460  
from every pore this is just what author

856  
00:35:49,160 --> 00:35:46,940  
and secular activists Bailey Harris

857  
00:35:51,890 --> 00:35:49,170  
partnered with the secular Student

858  
00:35:53,570 --> 00:35:51,900  
Alliance to do earlier this year now I

859  
00:35:55,220 --> 00:35:53,580  
think this is something the skeptic soda

860  
00:35:58,130 --> 00:35:55,230  
audience will find very interesting

861  
00:36:01,250 --> 00:35:58,140  
amusing a little bit frightening the

862  
00:36:04,310 --> 00:36:01,260  
video is called secular tour of the Ark

863  
00:36:07,220 --> 00:36:04,320

Encounter atheist Bailey Harris versus

864

00:36:09,140 --> 00:36:07,230

fundamentalist Ken Ham and I'll

865

00:36:10,760 --> 00:36:09,150

certainly link to that video on this

866

00:36:12,740 --> 00:36:10,770

week's show notes so you can check it

867

00:36:15,350 --> 00:36:12,750

out for yourself but I thought I'd play

868

00:36:18,090 --> 00:36:15,360

a few moments of highlights

869

00:36:19,920 --> 00:36:18,100

hello everyone this is Bailey Harris and

870

00:36:24,240 --> 00:36:19,930

I'm a secular activists and the author

871

00:36:26,250 --> 00:36:24,250

of the Stardust bug series thank you to

872

00:36:28,500 --> 00:36:26,260

secular state lines for partnering with

873

00:36:31,740 --> 00:36:28,510

me to do a secular tour of the Ark

874

00:36:33,960 --> 00:36:31,750

Encounter there is no better way to

875

00:36:36,270 --> 00:36:33,970

spend Easter weekend than taking a trip

876

00:36:42,300 --> 00:36:36,280

to the great state of Kentucky to see

877

00:36:44,550 --> 00:36:42,310

anti science at its best tickets are

878

00:36:47,400 --> 00:36:44,560

expensive fifty one dollars for adults

879

00:36:49,620 --> 00:36:47,410

and twenty seven dollars for children we

880

00:36:51,600 --> 00:36:49,630

hated giving them our money but we hope

881

00:36:54,390 --> 00:36:51,610

that this helps many of you experience

882

00:36:57,630 --> 00:36:54,400

arc without having to go yourself the

883

00:37:01,350 --> 00:36:57,640

Ark Encounter opened in 2016 in Kentucky

884

00:37:03,420 --> 00:37:01,360

it is 510 feet long and over 50 feet

885

00:37:05,730 --> 00:37:03,430

high the Ark Encounter is operated by

886

00:37:08,220 --> 00:37:05,740

Answers in Genesis the anti science

887

00:37:10,110 --> 00:37:08,230

young earth creationist group they spent

888

00:37:12,390 --> 00:37:10,120

over 100 million dollars to build the

889

00:37:14,460 --> 00:37:12,400

ark and they received significant tax

890

00:37:16,470 --> 00:37:14,470

incentives from the city county and

891

00:37:20,160 --> 00:37:16,480

state where's the church-state

892

00:37:22,320 --> 00:37:20,170

separation the fairy tale of Noah's Ark

893

00:37:24,480 --> 00:37:22,330

is found in the Old Testament it tells

894

00:37:26,310 --> 00:37:24,490

the story of a 500 year old man named

895

00:37:28,610 --> 00:37:26,320

Noah and his family who lived on earth

896

00:37:31,260 --> 00:37:28,620

four thousand three hundred years ago

897

00:37:34,020 --> 00:37:31,270

supposedly only a couple of thousand

898

00:37:35,790 --> 00:37:34,030

years after earth formed their God was

899

00:37:38,700 --> 00:37:35,800

upset because the people living on earth

900

00:37:42,000 --> 00:37:38,710

had become so wicked God said in Genesis

901  
00:37:44,160 --> 00:37:42,010  
6 I will destroy from the earth people

902  
00:37:47,190 --> 00:37:44,170  
I've created and with them the animals

903  
00:37:49,350 --> 00:37:47,200  
birds in creeping things Noah was the

904  
00:37:51,630 --> 00:37:49,360  
most righteous person living on earth so

905  
00:37:53,490 --> 00:37:51,640  
I made a deal with God that he and his

906  
00:37:58,620 --> 00:37:53,500  
family wouldn't be murdered in this mass

907  
00:38:00,090 --> 00:37:58,630  
genocide oh man I love this snake this

908  
00:38:01,750 --> 00:38:00,100  
is the truest

909  
00:38:04,450 --> 00:38:01,760  
in this place

910  
00:38:06,430 --> 00:38:04,460  
if I can convince you that the flood was

911  
00:38:09,190 --> 00:38:06,440  
not real then I can convince you that

912  
00:38:17,320 --> 00:38:09,200  
heaven and hell are not real I'm making

913  
00:38:19,210 --> 00:38:17,330

us my mantra the experience of visiting

914

00:38:22,330 --> 00:38:19,220

the Ark Encounter was very surreal to me

915

00:38:24,910 --> 00:38:22,340

the size of magnificence is actually

916

00:38:26,560 --> 00:38:24,920

rather inspiring but this magnificence

917

00:38:29,470 --> 00:38:26,570

makes it even more dangerous for

918

00:38:32,050 --> 00:38:29,480

children this attraction is anti-science

919

00:38:34,090 --> 00:38:32,060

at every corner and I left with an even

920

00:38:35,859 --> 00:38:34,100

stronger understanding of why we need to

921

00:38:38,109 --> 00:38:35,869

all fight for science education and

922

00:38:43,120 --> 00:38:38,119

truth I hope that you can all join me in

923

00:38:45,010 --> 00:38:43,130

continuing this fight so there you go

924

00:38:47,950 --> 00:38:45,020

check out the video for yourself and see

925

00:38:50,980 --> 00:38:47,960

what Bailey Harris gets up to in the

926

00:38:59,800 --> 00:38:50,990

replica of Noah's Ark

927

00:39:10,650 --> 00:39:06,780

[Music]

928

00:39:17,259 --> 00:39:14,620

dr. Harriet Hall MD known to thousands

929

00:39:19,539 --> 00:39:17,269

as the skeptic a retired family

930

00:39:22,029 --> 00:39:19,549

physician and former Air Force flight

931

00:39:23,980 --> 00:39:22,039

surgeon she writes about medicine

932

00:39:27,579 --> 00:39:23,990

so-called complementary and alternative

933

00:39:30,970 --> 00:39:27,589

medicine science quackery and critical

934

00:39:33,160 --> 00:39:30,980

thinking Harriet now has a free course a

935

00:39:35,680 --> 00:39:33,170

series of ten video lectures on

936

00:39:38,319 --> 00:39:35,690

science-based medicine and alternative

937

00:39:40,660 --> 00:39:38,329

medicine the videos and an accompanying

938

00:39:44,339 --> 00:39:40,670

course guide can be found by following

939

00:39:49,359 --> 00:39:44,349

the link at skeptic info or by visiting

940

00:39:53,710 --> 00:39:49,369

web Randi's org slash educational -

941

00:39:56,829 --> 00:39:53,720

modules dot html' topics covered in the

942

00:39:58,120 --> 00:39:56,839

series are science-based medicine vs.

943

00:40:01,829 --> 00:39:58,130

evidence-based medicine

944

00:40:05,140 --> 00:40:01,839

what is Kam chiropractic acupuncture

945

00:40:07,930 --> 00:40:05,150

homeopathy naturopathy and herbal

946

00:40:10,630 --> 00:40:07,940

medicine energy medicine miscellaneous

947

00:40:13,630 --> 00:40:10,640

alternatives pitfalls in research and

948

00:40:15,120 --> 00:40:13,640

science based medicine in the media and

949

00:40:17,529 --> 00:40:15,130

politics

950

00:40:19,960 --> 00:40:17,539

Harriett covers each topic in a

951  
00:40:23,230 --> 00:40:19,970  
matter-of-fact no-nonsense way that

952  
00:40:25,330 --> 00:40:23,240  
shorter educate and entertain skeptic

953  
00:40:43,530 --> 00:40:25,340  
dot info

954  
00:40:46,720 --> 00:40:43,540  
[Music]

955  
00:40:49,420 --> 00:40:46,730  
hi my name's Tim Mendham I'm executive

956  
00:40:53,140 --> 00:40:49,430  
officer Australian skeptics and editor

957  
00:40:56,080 --> 00:40:53,150  
of the skeptic magazine today we're

958  
00:41:00,070 --> 00:40:56,090  
looking once again at the hole in the

959  
00:41:01,900 --> 00:41:00,080  
pole this is the story other suppose it

960  
00:41:04,830 --> 00:41:01,910  
holes into the underground under the

961  
00:41:07,060 --> 00:41:04,840  
earth but who knows lives and dwells

962  
00:41:09,070 --> 00:41:07,070  
previously we looked at the history of

963  
00:41:11,680 --> 00:41:09,080

some of these holes including the

964

00:41:15,160 --> 00:41:11,690

efforts by the Nazis to find one and

965

00:41:17,620 --> 00:41:15,170

populate it and also the issue of photos

966

00:41:20,830 --> 00:41:17,630

that have supposed at least shown the

967

00:41:21,610 --> 00:41:20,840

holes in the poles they haven't let me

968

00:41:24,850 --> 00:41:21,620

explain why

969

00:41:26,320 --> 00:41:24,860

but in this third part we will look at

970

00:41:29,830 --> 00:41:26,330

the people who have tried to go there

971

00:41:32,350 --> 00:41:29,840

and the adventures that they've had in

972

00:41:35,650 --> 00:41:32,360

their efforts which have not generally

973

00:41:37,360 --> 00:41:35,660

been very successful so this is the hole

974

00:41:43,690 --> 00:41:37,370

in the pole from the skeptic magazine

975

00:41:51,490 --> 00:41:43,700

March 2018 vol 38 number one we call

976

00:41:54,570 --> 00:41:51,500

this section the Clough links a no

977

00:41:57,060 --> 00:41:54,580

discussion of holders

978

00:41:59,670 --> 00:41:57,070

believers in conspiracies of holes in

979

00:42:02,250 --> 00:41:59,680

the poles would be complete without the

980

00:42:03,050 --> 00:42:02,260

salutary lessons of a leading proponent

981

00:42:07,320 --> 00:42:03,060

of the Hollow Earth

982

00:42:11,430 --> 00:42:07,330

Rodney Clough author of world top secret

983

00:42:14,160 --> 00:42:11,440

our earth is hollow cliff knows the

984

00:42:15,810 --> 00:42:14,170

holes well he says my latest best

985

00:42:18,540 --> 00:42:15,820

estimate of the size of the polar

986

00:42:20,520 --> 00:42:18,550

openings that they are 840 miles in

987

00:42:22,590 --> 00:42:20,530

diameter where they start to dip into

988

00:42:25,170 --> 00:42:22,600

the earth and at the neck of the parlor

989

00:42:27,150 --> 00:42:25,180

openings are 40 miles in diameter the

990

00:42:30,600 --> 00:42:27,160

North Polar opening is located in

991

00:42:33,990 --> 00:42:30,610

Northland Russia at 84.8 for north

992

00:42:36,000 --> 00:42:34,000

latitude 129 east longitude the south

993

00:42:38,900 --> 00:42:36,010

polar opening is on the exact opposite

994

00:42:43,890 --> 00:42:38,910

of the globe at 84.8 for south latitude

995

00:42:45,830 --> 00:42:43,900

51 west longitude now let's be precise

996

00:42:48,510 --> 00:42:45,840

and we hope it comes true

997

00:42:50,160 --> 00:42:48,520

whilst ort of the UK Telegraph wrote a

998

00:42:54,060 --> 00:42:50,170

long article on the history of hollow

999

00:42:57,600 --> 00:42:54,070

earthers in 2014 and Clough story

1000

00:42:59,370 --> 00:42:57,610

featured pretty prominently it turned

1001

00:43:01,050 --> 00:42:59,380

out the Clough is a longtime fanatic of

1002

00:43:03,180 --> 00:43:01,060

the Hollow Earth so much so that in the

1003

00:43:06,000 --> 00:43:03,190

1980s he'd moved his family from New

1004

00:43:09,030 --> 00:43:06,010

Mexico to Alaska so they could be near

1005

00:43:12,720 --> 00:43:09,040

the hole and perhaps find it much to his

1006

00:43:14,850 --> 00:43:12,730

wife's chagrin in Alaska store relates

1007

00:43:16,920 --> 00:43:14,860

Clough made a small group of people who

1008

00:43:19,680 --> 00:43:16,930

had traveled to the icy state with the

1009

00:43:22,380 --> 00:43:19,690

same idea soon they were ready to embark

1010

00:43:24,900 --> 00:43:22,390

upon their mission we started on the

1011

00:43:27,480 --> 00:43:24,910

road up to Point Barrow Clough said we

1012

00:43:30,660 --> 00:43:27,490

saw a sign at one point saying this is a

1013

00:43:35,720 --> 00:43:30,670

private road don't go any further so we

1014

00:43:38,340 --> 00:43:35,730

didn't go any further they turned back

1015

00:43:41,130 --> 00:43:38,350

store asked how long they had driven

1016

00:43:44,510 --> 00:43:41,140

before they reached the sign and aborted

1017

00:43:46,650 --> 00:43:44,520

the mission about an hour Clough said

1018

00:43:49,920 --> 00:43:46,660

soon afterwards the Clough family moved

1019

00:43:52,560 --> 00:43:49,930

back south of course Clough didn't stop

1020

00:43:54,030 --> 00:43:52,570

there he was so confident in theory that

1021

00:43:56,220 --> 00:43:54,040

he organized a tourist voyage to the

1022

00:43:58,370 --> 00:43:56,230

Hollow Earth with a plan to set off from

1023

00:44:02,430 --> 00:43:58,380

Russia on an icebreaker

1024

00:44:05,160 --> 00:44:02,440

in June 2007 to find the hole in the

1025

00:44:07,710 --> 00:44:05,170

pole make him look at this on voyage

1026  
00:44:08,460 --> 00:44:07,720  
Hollow Earth calm the vessel was the

1027  
00:44:10,950 --> 00:44:08,470  
Russian nuclear

1028  
00:44:13,770 --> 00:44:10,960  
powered icebreaker Yamal a modern ship

1029  
00:44:16,470 --> 00:44:13,780  
capable of carrying 108 passengers with

1030  
00:44:19,410 --> 00:44:16,480  
all mod cons as the promotion for the

1031  
00:44:21,510 --> 00:44:19,420  
trip said quote the vessel accommodates

1032  
00:44:23,609 --> 00:44:21,520  
passengers in fifty first class outside

1033  
00:44:26,160 --> 00:44:23,619  
cabins and Suites all with private

1034  
00:44:28,190 --> 00:44:26,170  
facilities and large windows as well as

1035  
00:44:30,870 --> 00:44:28,200  
a desk television and other comforts

1036  
00:44:32,880 --> 00:44:30,880  
public areas include a large dining room

1037  
00:44:33,470 --> 00:44:32,890  
accommodating all passengers in one

1038  
00:44:36,300 --> 00:44:33,480

sitting

1039

00:44:39,089 --> 00:44:36,310

library lounge theater style auditorium

1040

00:44:41,910 --> 00:44:39,099

volleyball court and gymnasium heated

1041

00:44:44,220 --> 00:44:41,920

indoor swimming pool and sauna views are

1042

00:44:46,050 --> 00:44:44,230

excellent from the navigation bridge we

1043

00:44:48,180 --> 00:44:46,060

are where we are almost always welcome

1044

00:44:50,970 --> 00:44:48,190

and there are large open decks on

1045

00:44:53,960 --> 00:44:50,980

several levels the r-mo also has a good

1046

00:44:56,310 --> 00:44:53,970

polar library and a small infirmary

1047

00:44:58,470 --> 00:44:56,320

European master chefs present an

1048

00:45:00,540 --> 00:44:58,480

excellent and varied international menu

1049

00:45:03,120 --> 00:45:00,550

with fine provisions from around the

1050

00:45:05,070 --> 00:45:03,130

world a combination of European and

1051  
00:45:07,920 --> 00:45:05,080  
experienced Russian staff will serve you

1052  
00:45:09,750 --> 00:45:07,930  
aboard the popular bar is stocked with

1053  
00:45:12,750 --> 00:45:09,760  
your favorite spirits wines and

1054  
00:45:15,780 --> 00:45:12,760  
champagnes sounds like a good trip rims

1055  
00:45:17,550 --> 00:45:15,790  
were priced from us eighteen thousand

1056  
00:45:19,740 --> 00:45:17,560  
nine hundred and fifty to twenty

1057  
00:45:23,730 --> 00:45:19,750  
thousand nine hundred fifty per person

1058  
00:45:25,170 --> 00:45:23,740  
depending on the room type the itinerary

1059  
00:45:26,730 --> 00:45:25,180  
was to start with some sightseeing

1060  
00:45:29,640 --> 00:45:26,740  
around Moscow and then a flight to

1061  
00:45:31,859 --> 00:45:29,650  
Murmansk to join the Yamal after several

1062  
00:45:33,690 --> 00:45:31,869  
days of sailing to the North Pole where

1063  
00:45:36,050 --> 00:45:33,700

they would spend the day and even call

1064

00:45:38,670 --> 00:45:36,060

home to talk to her family at friends on

1065

00:45:41,460 --> 00:45:38,680

days nine to eleven they would start the

1066

00:45:43,170 --> 00:45:41,470

search for the North Polar opening once

1067

00:45:45,180 --> 00:45:43,180

found and this is where it starts to get

1068

00:45:47,520 --> 00:45:45,190

interesting they would travel up the

1069

00:45:50,339 --> 00:45:47,530

high deckle River to the city of Jihu

1070

00:45:52,740 --> 00:45:50,349

take a monorail trip to the city of Eden

1071

00:45:55,680 --> 00:45:52,750

and visit the palace of the king of the

1072

00:45:57,540 --> 00:45:55,690

inner world if they were unable to find

1073

00:45:59,310 --> 00:45:57,550

the polar opening their fallback

1074

00:46:01,770 --> 00:45:59,320

position would be to return via the new

1075

00:46:04,410 --> 00:46:01,780

Siberian islands to visit skeleton

1076

00:46:05,579 --> 00:46:04,420

remains of exotic animals thought to

1077

00:46:08,040 --> 00:46:05,589

originate from Inner Earth

1078

00:46:11,400 --> 00:46:08,050

this time Cluff success in being

1079

00:46:13,050 --> 00:46:11,410

thwarted did not fail him the expedition

1080

00:46:15,089 --> 00:46:13,060

was cancelled following the death of his

1081

00:46:17,070 --> 00:46:15,099

partner with adventurer Explorer Steve

1082

00:46:20,310 --> 00:46:17,080

curry just weeks before the planned

1083

00:46:22,080 --> 00:46:20,320

departure now further trips were planned

1084

00:46:23,760 --> 00:46:22,090

by Clough until one of

1085

00:46:25,410 --> 00:46:23,770

various expedition members who had

1086

00:46:27,750 --> 00:46:25,420

expressed interest to continue the quest

1087

00:46:29,850 --> 00:46:27,760

should reach in earth came forward with

1088

00:46:33,360 --> 00:46:29,860

an offer to be their new expedition

1089

00:46:35,070 --> 00:46:33,370

leader dr. Brooks Agnew formed a new

1090

00:46:37,050 --> 00:46:35,080

expedition company put up a new

1091

00:46:39,270 --> 00:46:37,060

expedition website and began to gather

1092

00:46:41,400 --> 00:46:39,280

donations for the new North Pole Inner

1093

00:46:44,130 --> 00:46:41,410

Earth expedition initially planned for

1094

00:46:45,860 --> 00:46:44,140

August 2012 then postponed to July

1095

00:46:47,910 --> 00:46:45,870

August 2013

1096

00:46:51,090 --> 00:46:47,920

unfortunately Agnew resigned in

1097

00:46:54,090 --> 00:46:51,100

September 2013 citing losses in his

1098

00:46:56,550 --> 00:46:54,100

electric car company despite these

1099

00:46:58,680 --> 00:46:56,560

continued setbacks and like followers of

1100

00:47:00,270 --> 00:46:58,690

many such theories Clough Cynthia II

1101  
00:47:02,550 --> 00:47:00,280  
Azzam and single-mindedness for the

1102  
00:47:04,830 --> 00:47:02,560  
Hollow Earth lingers he is adamant that

1103  
00:47:06,450 --> 00:47:04,840  
he is right and can't understand what

1104  
00:47:09,060 --> 00:47:06,460  
gets into those who can't see the light

1105  
00:47:11,550 --> 00:47:09,070  
I don't know how the flat-earthers can

1106  
00:47:14,010 --> 00:47:11,560  
be so confused heaped alts some online

1107  
00:47:16,620 --> 00:47:14,020  
they are obviously wrong the world is

1108  
00:47:19,230 --> 00:47:16,630  
not flat it's Hollow they reject all the

1109  
00:47:21,620 --> 00:47:19,240  
evidence and with those words hangs the

1110  
00:47:24,350 --> 00:47:21,630  
story of the hollers dodgy evidence

1111  
00:47:26,910 --> 00:47:24,360  
hyperbolic and hyperactive imagination

1112  
00:47:29,750 --> 00:47:26,920  
conspiratorial and paranoid delusion and

1113  
00:47:32,610 --> 00:47:29,760

a passion which cannot be crushed

1114

00:47:35,460 --> 00:47:32,620

crackpots or not they're a fascinating

1115

00:47:36,270 --> 00:47:35,470

Bunch and will no doubt entertainers for

1116

00:47:44,070 --> 00:47:36,280

decades to come

1117

00:47:48,480 --> 00:47:44,080

with or without a home that's hole in

1118

00:47:50,130 --> 00:47:48,490

the pole from the skeptic March 2018 vol

1119

00:48:01,059 --> 00:47:50,140

38 number 1

1120

00:48:07,069 --> 00:48:03,920

the skeptic magazine the journal from

1121

00:48:09,259 --> 00:48:07,079

Australian skeptics subscribe online to

1122

00:48:14,569 --> 00:48:09,269

the world's second oldest skeptical

1123

00:48:17,779 --> 00:48:14,579

magazine visit WWF x comma u and click

1124

00:48:22,160 --> 00:48:17,789

the publication's link you can also find

1125

00:48:25,339 --> 00:48:22,170

there over 30 years on back issues free

1126  
00:48:31,330 --> 00:48:25,349  
to download the skeptic magazine from

1127  
00:48:31,340 --> 00:48:41,780  
[Music]

1128  
00:48:45,660 --> 00:48:44,100  
thank you for listening to the skeptic

1129  
00:48:48,780 --> 00:48:45,670  
zone now here's some good news regarding

1130  
00:48:51,390 --> 00:48:48,790  
our friend dr. Carl Crusoe miski the

1131  
00:48:53,940 --> 00:48:51,400  
science communicator of Australia and

1132  
00:48:57,330 --> 00:48:53,950  
this comes to us from the ABC the

1133  
00:49:00,660 --> 00:48:57,340  
national broadcaster which Carl appears

1134  
00:49:03,000 --> 00:49:00,670  
on every week on radio dr. Carl cruising

1135  
00:49:06,630 --> 00:49:03,010  
iski says he's not particularly smart

1136  
00:49:09,900 --> 00:49:06,640  
despite winning unesco prize a story by

1137  
00:49:11,910 --> 00:49:09,910  
Claudine Ryan and Suzanna Lyons it says

1138  
00:49:14,190 --> 00:49:11,920

in part he might be one of Australia's

1139

00:49:16,770 --> 00:49:14,200

most well known and loved

1140

00:49:18,540 --> 00:49:16,780

scientists and now the winner of a

1141

00:49:21,630 --> 00:49:18,550

United Nations award for science

1142

00:49:24,300 --> 00:49:21,640

communication but dr. Carl Cruzan iski

1143

00:49:27,780 --> 00:49:24,310

doesn't consider himself to be that

1144

00:49:29,730 --> 00:49:27,790

brainy quote one thing that gives me a

1145

00:49:32,700 --> 00:49:29,740

great advantage is that I'm not

1146

00:49:35,280 --> 00:49:32,710

particularly smart my IQ is only about a

1147

00:49:38,760 --> 00:49:35,290

hundred and ten which is in there with

1148

00:49:43,170 --> 00:49:38,770

two thirds of the population between 115

1149

00:49:46,020 --> 00:49:43,180

and 85 in quote dr. Kyle says quote that

1150

00:49:48,840 --> 00:49:46,030

means for me to be able to understand

1151  
00:49:51,060 --> 00:49:48,850  
something I've really got to go into it

1152  
00:49:54,360 --> 00:49:51,070  
but then I understand it end quote

1153  
00:49:56,100 --> 00:49:54,370  
all that time delving into science has

1154  
00:49:57,870 --> 00:49:56,110  
not only helped generations of

1155  
00:50:01,890 --> 00:49:57,880  
Australians better understand the world

1156  
00:50:05,160 --> 00:50:01,900  
around and inside them it's seen dr.

1157  
00:50:07,320 --> 00:50:05,170  
Cole awarded the 2019 UNESCO Kalinga

1158  
00:50:11,130 --> 00:50:07,330  
prize for the popularization of science

1159  
00:50:13,530 --> 00:50:11,140  
in Budapest this week dr. Karl is the

1160  
00:50:16,610 --> 00:50:13,540  
first Australian to win the prize which

1161  
00:50:19,110 --> 00:50:16,620  
he received in recognition of his quote

1162  
00:50:21,510 --> 00:50:19,120  
long-standing commitment to fire up

1163  
00:50:23,310 --> 00:50:21,520

people's curiosity for science and to

1164

00:50:23,790 --> 00:50:23,320

share his passion for the subject end

1165

00:50:26,210 --> 00:50:23,800

quote

1166

00:50:28,980 --> 00:50:26,220

previous winners include arthur c clarke

1167

00:50:31,620 --> 00:50:28,990

David Suzuki and Sir David Attenborough

1168

00:50:34,290 --> 00:50:31,630

and this story goes on it's quite

1169

00:50:36,030 --> 00:50:34,300

lengthy covering dr. Karl's career I'll

1170

00:50:38,130 --> 00:50:36,040

link to that in the show notes but a big

1171

00:50:40,710 --> 00:50:38,140

shout out and a big congratulations to

1172

00:50:43,530 --> 00:50:40,720

somebody I am thrilled to say as my

1173

00:50:45,500 --> 00:50:43,540

friend dr. Karl cruising is key well

1174

00:50:48,090 --> 00:50:45,510

deserved

1175

00:50:49,650 --> 00:50:48,100

today this is dr. Karl Karl Christmas be

1176

00:50:51,960 --> 00:50:49,660

proud to be skeptic and you can find out

1177

00:50:56,130 --> 00:50:51,970

more about me at dr. Karl calm and get

1178

00:51:01,920 --> 00:50:59,109

Thank You dr. Carl and I look forward to

1179

00:51:04,240 --> 00:51:01,930

catching up with you soon I hope

1180

00:51:06,220 --> 00:51:04,250

thank you to those people who continue

1181

00:51:08,830 --> 00:51:06,230

to support the skeptic zone financially

1182

00:51:11,440 --> 00:51:08,840

at patreon or PayPal at skeptic zone TV

1183

00:51:14,830 --> 00:51:11,450

I say it I think I say it every week but

1184

00:51:17,170 --> 00:51:14,840

it needs to be said for two reasons one

1185

00:51:19,180 --> 00:51:17,180

I do really sincerely thank those people

1186

00:51:21,490 --> 00:51:19,190

who contribute because without you I

1187

00:51:23,800 --> 00:51:21,500

would be not doing the skeptics own and

1188

00:51:26,680 --> 00:51:23,810

- it's to encourage other people who

1189

00:51:30,010 --> 00:51:26,690

maybe have not yet contributed to the

1190

00:51:33,100 --> 00:51:30,020

skeptic zone to consider doing so they

1191

00:51:35,260 --> 00:51:33,110

can only be something like \$5 a month a

1192

00:51:36,820 --> 00:51:35,270

big shout out and congratulations to my

1193

00:51:40,859 --> 00:51:36,830

friend and colleague Brian Dunning at

1194

00:51:43,480 --> 00:51:40,869

the skeptoid podcast who just celebrated

1195

00:51:45,760 --> 00:51:43,490

700 episodes I've got a bit of catching

1196

00:51:49,600 --> 00:51:45,770

up to do and finally don't forget to

1197

00:51:53,170 --> 00:51:49,610

check out Maynard calm day you form a

1198

00:51:57,340 --> 00:51:53,180

nerds range of podcasts and also also

1199

00:51:59,740 --> 00:51:57,350

folks if you need a DJ over the holiday

1200

00:52:03,310 --> 00:51:59,750

period here in Australia and you're in

1201  
00:52:06,340 --> 00:52:03,320  
the Sydney area head for Maynard comm

1202  
00:52:10,000 --> 00:52:06,350  
got a you and book Maynard for your next

1203  
00:52:12,310 --> 00:52:10,010  
gig party or corporate event and finally

1204  
00:52:14,520 --> 00:52:12,320  
finally I'm certainly looking forward to

1205  
00:52:16,900 --> 00:52:14,530  
seeing you skeptic zone fans at the

1206  
00:52:20,830 --> 00:52:16,910  
skeptic on in Melbourne coming up in

1207  
00:52:22,599 --> 00:52:20,840  
only a very short few weeks away not

1208  
00:52:23,859 --> 00:52:22,609  
only will may not and I be there from

1209  
00:52:26,440 --> 00:52:23,869  
the skeptic zone but many other

1210  
00:52:29,380 --> 00:52:26,450  
reporters - including around sir give

1211  
00:52:32,260 --> 00:52:29,390  
mandala noble Heidi Robertson the raw

1212  
00:52:35,950 --> 00:52:32,270  
skeptic Trish Han from Trish and chips

1213  
00:52:38,020 --> 00:52:35,960

and dr. Paul II but for this week this

1214

00:52:44,349 --> 00:52:38,030

is Richard Saunders signing off from

1215

00:52:47,380 --> 00:52:44,359

Sydney Australia you've been listening

1216

00:52:51,700 --> 00:52:47,390

to the skeptic zone podcast please visit

1217

00:52:54,970 --> 00:52:51,710

our website at WWF Texan TV for sure

1218

00:52:58,470 --> 00:52:54,980

nerds contacts and to access the back

1219

00:53:01,120 --> 00:52:58,480

catalog of episodes going back to 2008

1220

00:53:04,420 --> 00:53:01,130

you can follow the skeptic zone podcast

1221

00:53:07,580 --> 00:53:04,430

on twitter at skeptic zone visit our

1222

00:53:10,260 --> 00:53:07,590

facebook page or leave a review on h

1223

00:53:13,650 --> 00:53:10,270

you can also support the sceptic zone

1224

00:53:17,040 --> 00:53:13,660

via patreon or PayPal the skeptic Zone

1225

00:53:18,750 --> 00:53:17,050

podcast is an independent production the

1226  
00:53:20,850 --> 00:53:18,760  
views and opinions expressed on the

1227  
00:53:23,220 --> 00:53:20,860  
skeptic zone are not necessarily those

1228  
00:53:28,140 --> 00:53:23,230  
of Australian skeptics or any other

1229  
00:53:28,150 --> 00:53:35,980  
you

1230  
00:53:40,280 --> 00:53:38,420  
hello to the afterthoughts the people

1231  
00:53:41,750 --> 00:53:40,290  
who listen after the music we're going

1232  
00:53:44,420 --> 00:53:41,760  
to play the dice game again this week

1233  
00:53:46,490 --> 00:53:44,430  
for those of you new to this section of

1234  
00:53:50,330 --> 00:53:46,500  
the show I every now and then I roll a

1235  
00:53:51,950 --> 00:53:50,340  
dice to die there's one and see if you

1236  
00:53:53,930 --> 00:53:51,960  
can use your psychic or any other

1237  
00:53:57,470 --> 00:53:53,940  
predicting powers you have we always say

1238  
00:54:01,370 --> 00:53:57,480

psychic but we don't mean psychic to see

1239

00:54:03,320 --> 00:54:01,380

if you can yes yes guess what number

1240

00:54:04,880 --> 00:54:03,330

comes up I'm going to roll this three

1241

00:54:11,360 --> 00:54:04,890

times and this week

1242

00:54:15,620 --> 00:54:11,370

for something different it's a d4 d4 so

1243

00:54:20,840 --> 00:54:15,630

if you get all where's my pin there is

1244

00:54:25,400 --> 00:54:20,850

do you get all four numbers correct that

1245

00:54:30,650 --> 00:54:25,410

gives you a the odds are 4 times 4 times

1246

00:54:35,480 --> 00:54:30,660

4 or 4 times 4 is 16 16 times 4 is of

1247

00:54:38,840 --> 00:54:35,490

course 64 so you have a 1 in 64 chance

1248

00:54:43,010 --> 00:54:38,850

of getting all numbers hmm here we go

1249

00:54:46,540 --> 00:54:43,020

first one shaking the die now and the

1250

00:54:52,490 --> 00:54:46,550

first number that comes up is 4

1251

00:54:58,880 --> 00:54:52,500

okay it's taken 1 coming up now next

1252

00:55:06,970 --> 00:54:58,890

number is 2 for 2 last number guess away

1253

00:55:10,820 --> 00:55:06,980

and 3 there we go if you shouted out

1254

00:55:13,270 --> 00:55:10,830

wrote down thought before the dice was

1255

00:55:16,250 --> 00:55:13,280

rolled are the numbers for 2 & 3

1256

00:55:21,400 --> 00:55:16,260

you've got odds there you've beaten odds

1257

00:55:24,500 --> 00:55:21,410

or you've matched odds of 64 to 1 and

1258

00:55:26,540 --> 00:55:24,510

you what do you win you win a chance to