

1  
00:00:05,990 --> 00:00:13,690  
welcome to the skeptic zone the podcast

2  
00:00:09,109 --> 00:00:13,689  
from Australia for science and reason

3  
00:00:22,390 --> 00:00:28,130  
hello and welcome to the skeptic zone

4  
00:00:24,859 --> 00:00:31,339  
episode number 268 on the 7th of

5  
00:00:28,129 --> 00:00:34,429  
december 2013 richardsaunders here with

6  
00:00:31,339 --> 00:00:43,210  
you from Sydney Australia December

7  
00:00:34,429 --> 00:00:45,590  
already this yes all right stay there

8  
00:00:43,210 --> 00:00:48,079  
christmas is going vogue oh I do like

9  
00:00:45,590 --> 00:00:50,949  
Christmas I must admit I do like

10  
00:00:48,079 --> 00:00:54,859  
Christmas and this year I'll be spending

11  
00:00:50,948 --> 00:00:57,589  
Christmas Day in beautiful california in

12  
00:00:54,859 --> 00:00:59,329  
the San Francisco Bay Area looking

13  
00:00:57,590 --> 00:01:01,190  
forward to that but what can we look

14  
00:00:59,329 --> 00:01:03,259  
forward to on this episode of the

15  
00:01:01,189 --> 00:01:05,629  
skeptical zone we're going to kick off

16  
00:01:03,259 --> 00:01:07,429  
with Maynard spooky action more great

17  
00:01:05,629 --> 00:01:09,530  
interviews from the Australian skeptics

18  
00:01:07,430 --> 00:01:11,030  
National Convention Maynard's going to

19  
00:01:09,530 --> 00:01:13,159  
be chatting to highly Roberts and from

20  
00:01:11,030 --> 00:01:15,170  
the Northern Rivers vaccination

21  
00:01:13,159 --> 00:01:18,679  
supporters group more great information

22  
00:01:15,170 --> 00:01:21,490  
from a group of dedicated people up in a

23  
00:01:18,680 --> 00:01:24,190  
farm north bit of New South Wales

24  
00:01:21,489 --> 00:01:26,299  
fighting the anti-vaccination movement

25  
00:01:24,189 --> 00:01:28,519  
and he's going to be chatting to an old

26  
00:01:26,299 --> 00:01:31,280  
friend of ours push the lindley from

27  
00:01:28,519 --> 00:01:34,159  
Victoria and wrapping up his series of

28  
00:01:31,280 --> 00:01:36,469  
interviews on this week's show with Iran

29

00:01:34,159 --> 00:01:39,560  
say give the runza gives going to be

30  
00:01:36,469 --> 00:01:44,689  
chatting about Jews trying to take over

31  
00:01:39,560 --> 00:01:46,819  
the world probably not see what a run

32  
00:01:44,689 --> 00:01:50,840  
forgive has to say about this

33  
00:01:46,819 --> 00:01:52,909  
interesting conspiracy theory after that

34  
00:01:50,840 --> 00:01:55,520  
it's a wig ensigns from our friends at

35  
00:01:52,909 --> 00:01:58,609  
the Royal Institution of Australian www

36  
00:01:55,519 --> 00:02:00,859  
are I a US tour got a you and coming up

37  
00:01:58,609 --> 00:02:04,368  
soon on the skeptics own an extended

38  
00:02:00,859 --> 00:02:07,280  
interview with dr. Paul Willis and happy

39  
00:02:04,368 --> 00:02:11,209  
birthday dr. Paul Willis he's now

40  
00:02:07,280 --> 00:02:13,300  
entered the second part of the century

41  
00:02:11,209 --> 00:02:15,949  
his own personal century so to speak

42  
00:02:13,300 --> 00:02:18,230  
congratulations dr. Willis and what a

43  
00:02:15,949 --> 00:02:20,539

pleasure an absolute pleasure it is to

44

00:02:18,229 --> 00:02:23,959

have you as a regular part of the

45

00:02:20,539 --> 00:02:25,699

skeptic zone don't worry Paul o lo I'll

46

00:02:23,959 --> 00:02:29,960

catch up to you in a couple of years

47

00:02:25,699 --> 00:02:32,000

save that over-50s parking spot for me

48

00:02:29,960 --> 00:02:34,120

after we can science a little bit more

49

00:02:32,000 --> 00:02:37,799

news from an upcoming talk in

50

00:02:34,120 --> 00:02:40,989

hembra by lawrence krauss and then a

51

00:02:37,799 --> 00:02:43,000

quick catch up with brian dunning from

52

00:02:40,989 --> 00:02:46,590

the skip toid podcast who's going to

53

00:02:43,000 --> 00:02:49,239

tell us all about his new book there's

54

00:02:46,590 --> 00:02:51,420

sceptile 8 and it's a great way for

55

00:02:49,239 --> 00:02:54,759

people who don't listen to podcast to

56

00:02:51,419 --> 00:02:57,339

find out all sorts of interesting bits

57

00:02:54,759 --> 00:02:59,739

and pieces that's coming up a little bit

58  
00:02:57,340 --> 00:03:02,259  
later on in the show and then to round

59  
00:02:59,739 --> 00:03:03,908  
off the show I chat a little bit about a

60  
00:03:02,259 --> 00:03:07,689  
recent television appearance I did

61  
00:03:03,908 --> 00:03:09,548  
talking about witchcraft well to be

62  
00:03:07,689 --> 00:03:12,400  
honest they asked me four or five

63  
00:03:09,549 --> 00:03:15,370  
questions most of which I answered in a

64  
00:03:12,400 --> 00:03:17,200  
positive fashion but of course the TV

65  
00:03:15,370 --> 00:03:19,840  
program cut all those out and just use

66  
00:03:17,199 --> 00:03:22,268  
the to where i was putting up the

67  
00:03:19,840 --> 00:03:26,200  
skeptics challenge and saying things

68  
00:03:22,269 --> 00:03:27,609  
like magic spells are nonsense it's a

69  
00:03:26,199 --> 00:03:29,798  
pity they didn't keep the others because

70  
00:03:27,609 --> 00:03:31,329  
they asked me if i have if the

71  
00:03:29,799 --> 00:03:33,640  
australian skeptics had a problem with

72  
00:03:31,329 --> 00:03:35,469  
people performing witchcraft or being

73  
00:03:33,639 --> 00:03:36,878  
which as I said no of course not you

74  
00:03:35,469 --> 00:03:40,150  
know what do you think this is the dark

75  
00:03:36,878 --> 00:03:41,858  
ages sigh sigh sigh anyway coming up

76  
00:03:40,150 --> 00:03:46,060  
later on in the show I talk a little bit

77  
00:03:41,859 --> 00:03:48,790  
about that and I go into some detail

78  
00:03:46,060 --> 00:03:51,848  
about the Australian skeptics \$100,000

79  
00:03:48,789 --> 00:03:53,650  
challenge because a little bit tired of

80  
00:03:51,848 --> 00:03:55,840  
the misconceptions out there and the

81  
00:03:53,650 --> 00:03:58,299  
people coming back with the same old

82  
00:03:55,840 --> 00:04:00,689  
chestnuts year after year so if you're

83  
00:03:58,299 --> 00:04:03,040  
interested in the Australian skeptics

84  
00:04:00,689 --> 00:04:07,060  
\$100,000 challenge and what it's all

85  
00:04:03,039 --> 00:04:09,789  
about is it fair and someone listen add

86

00:04:07,060 --> 00:04:11,859  
towards the end of the show remember

87  
00:04:09,789 --> 00:04:13,448  
with the birds must be some parrots

88  
00:04:11,859 --> 00:04:16,329  
outside today hang on its okay pick up

89  
00:04:13,449 --> 00:04:19,359  
the microphone walk over let's open

90  
00:04:16,329 --> 00:04:24,280  
excuse me Christmas Pat you go over

91  
00:04:19,358 --> 00:04:28,138  
there let's open the window and the

92  
00:04:24,279 --> 00:04:31,750  
birds are chirping the sun is setting

93  
00:04:28,139 --> 00:04:34,930  
what a lovely scene it is well I can

94  
00:04:31,750 --> 00:04:39,279  
just gaze out the window and listen to

95  
00:04:34,930 --> 00:04:42,430  
the cars zooming down the street or or i

96  
00:04:39,279 --> 00:04:47,488  
can run downstairs i can open the pantry

97  
00:04:42,430 --> 00:04:51,489  
I can get out a jar of cookie new key

98  
00:04:47,488 --> 00:04:55,079  
heavens above and while I do that I hope

99  
00:04:51,488 --> 00:04:55,079  
you enjoy the skeptic zone

100  
00:05:08,079 --> 00:05:15,649

here's my not spooky action at the

101

00:05:13,279 --> 00:05:18,739  
distance

102

00:05:15,649 --> 00:05:21,739  
up we were here to a slightly lesser

103

00:05:18,740 --> 00:05:23,418  
known corner of the national conference

104

00:05:21,740 --> 00:05:25,129  
here in fact there's some rather unusual

105

00:05:23,418 --> 00:05:28,490  
artworks on the wall that looked not

106

00:05:25,129 --> 00:05:30,139  
unlike coal a petrified wood or maybe an

107

00:05:28,490 --> 00:05:33,889  
old cat poo i'm not quite sure what that

108

00:05:30,139 --> 00:05:36,319  
is it's it certainly was provocative

109

00:05:33,889 --> 00:05:38,449  
that's for sure well being in the csiro

110

00:05:36,319 --> 00:05:40,788  
it would have to be something to do with

111

00:05:38,449 --> 00:05:42,110  
science surely i'm gonna go with coal or

112

00:05:40,788 --> 00:05:45,168  
petrified wood they don't do a lot of

113

00:05:42,110 --> 00:05:47,720  
research into cat poo I do you know that

114

00:05:45,168 --> 00:05:49,189  
person virtualization for that well

115  
00:05:47,720 --> 00:05:50,870  
they're always looking at okay citation

116  
00:05:49,189 --> 00:05:52,788  
needed imagine they would look at scat

117  
00:05:50,870 --> 00:05:54,740  
from time to time but maybe they weren't

118  
00:05:52,788 --> 00:05:57,288  
painting with it anyway well we're here

119  
00:05:54,740 --> 00:05:59,060  
in the corner and hold on this side this

120  
00:05:57,288 --> 00:06:01,668  
there's ones that are completely blank

121  
00:05:59,060 --> 00:06:04,788  
college if you look closely they know

122  
00:06:01,668 --> 00:06:06,049  
they are not in fact blank oh yeah I

123  
00:06:04,788 --> 00:06:08,180  
thought they were Blake to is going to

124  
00:06:06,050 --> 00:06:09,410  
come over and get them off the wall and

125  
00:06:08,180 --> 00:06:11,509  
do my oh no I couldn't but apparently

126  
00:06:09,410 --> 00:06:14,120  
there's already out there that would not

127  
00:06:11,509 --> 00:06:15,439  
be welcome but it's very good to bump

128  
00:06:14,120 --> 00:06:17,959  
into you last time I spoke to was it

129  
00:06:15,439 --> 00:06:19,189  
skeptical camp in Sydney now tell us who

130  
00:06:17,959 --> 00:06:23,359  
you are what you've been up to since

131  
00:06:19,189 --> 00:06:26,089  
then okay yes I'm Heidi Robertson I'm a

132  
00:06:23,360 --> 00:06:27,919  
member in and an administrator of the

133  
00:06:26,089 --> 00:06:30,709  
Northern Rivers vaccination supporters

134  
00:06:27,918 --> 00:06:33,408  
group so we're a group of concerned

135  
00:06:30,709 --> 00:06:35,870  
community members up in the northern

136  
00:06:33,408 --> 00:06:38,689  
rivers region whereas most of you

137  
00:06:35,870 --> 00:06:39,600  
probably know we have a dangerously low

138  
00:06:38,689 --> 00:06:42,290  
levels

139  
00:06:39,600 --> 00:06:46,170  
immunization so we're working with

140  
00:06:42,290 --> 00:06:48,210  
people and the community in order to try

141  
00:06:46,170 --> 00:06:50,699  
and raise the levels of immunization up

142  
00:06:48,209 --> 00:06:55,859  
there and how difficult has it been so

143

00:06:50,699 --> 00:06:57,659  
far well personally it's been really

144  
00:06:55,860 --> 00:07:00,480  
difficult it's been a huge challenge for

145  
00:06:57,660 --> 00:07:02,340  
me coming out as a pro boxer in in that

146  
00:07:00,480 --> 00:07:07,860  
sort of a community but I'm out and I'm

147  
00:07:02,339 --> 00:07:09,989  
allowed and proud now so and we haven't

148  
00:07:07,860 --> 00:07:11,550  
come up against too much resistance yet

149  
00:07:09,990 --> 00:07:14,250  
but I think it's because we're

150  
00:07:11,550 --> 00:07:16,620  
relatively new on the scene and a lot of

151  
00:07:14,250 --> 00:07:19,680  
people don't know about us yet so maybe

152  
00:07:16,620 --> 00:07:24,300  
when our profile becomes a bit more

153  
00:07:19,680 --> 00:07:26,250  
widespread among certain certain certain

154  
00:07:24,300 --> 00:07:28,710  
groups then we might pop a bit more

155  
00:07:26,250 --> 00:07:32,310  
grief but so far we've had a largely

156  
00:07:28,709 --> 00:07:33,659  
very positive response and it's been

157  
00:07:32,310 --> 00:07:35,639

interesting to note that a lot of

158

00:07:33,660 --> 00:07:38,640

members in the northern rivers community

159

00:07:35,639 --> 00:07:40,889

are very much pro vaccination but they

160

00:07:38,639 --> 00:07:42,990

just don't have the loud voice that some

161

00:07:40,889 --> 00:07:45,300

of the anti-vaccination crowd

162

00:07:42,990 --> 00:07:47,519

how do you feel about having a debate

163

00:07:45,300 --> 00:07:48,930

with the anti-vaccination crowd some

164

00:07:47,519 --> 00:07:50,899

people think that having a debate with

165

00:07:48,930 --> 00:07:52,829

them gives them a little bit more

166

00:07:50,899 --> 00:07:54,389

standing than they should have just by

167

00:07:52,829 --> 00:07:55,560

having a debate in the first place or do

168

00:07:54,389 --> 00:07:57,860

you think that's an important thing to

169

00:07:55,560 --> 00:08:00,480

engage with the community and do that I

170

00:07:57,860 --> 00:08:03,930

don't think there is a debate as far as

171

00:08:00,480 --> 00:08:06,060

vaccinations concerned certainly as far

172  
00:08:03,930 --> 00:08:09,300  
as science and medical research goes

173  
00:08:06,060 --> 00:08:11,879  
there there is no debate vaccination if

174  
00:08:09,300 --> 00:08:14,689  
you look at the risk-benefit analysis of

175  
00:08:11,879 --> 00:08:19,469  
it vaccination is a no-brainer and

176  
00:08:14,689 --> 00:08:22,079  
nobody is saying no probe AXA is saying

177  
00:08:19,470 --> 00:08:23,640  
that there are not risks involved in

178  
00:08:22,079 --> 00:08:26,310  
vaccination that's not what we're saying

179  
00:08:23,639 --> 00:08:28,620  
at all we're saying we are here to

180  
00:08:26,310 --> 00:08:31,949  
explain the risks to you and explain the

181  
00:08:28,620 --> 00:08:33,929  
risk benefit to you and then to go away

182  
00:08:31,949 --> 00:08:36,120  
with the right information in order to

183  
00:08:33,929 --> 00:08:38,309  
make the right decision and there's so

184  
00:08:36,120 --> 00:08:40,320  
much misinformation out there and what

185  
00:08:38,309 --> 00:08:42,539  
we're saying is that we're making a

186  
00:08:40,320 --> 00:08:45,030  
pledge to put the right information out

187  
00:08:42,539 --> 00:08:46,860  
there so you can make a good decision so

188  
00:08:45,029 --> 00:08:48,360  
we've got a website now that's up and

189  
00:08:46,860 --> 00:08:51,019  
running and we're adding more and more

190  
00:08:48,360 --> 00:08:53,190  
information to it all the time its

191  
00:08:51,019 --> 00:08:57,480  
northern rivers the vaccination

192  
00:08:53,190 --> 00:08:59,430  
supporters org and you can go there

193  
00:08:57,480 --> 00:09:01,710  
there's lots of links as well as all

194  
00:08:59,429 --> 00:09:02,549  
about lots of personal stories about how

195  
00:09:01,710 --> 00:09:04,769  
we've been affected by

196  
00:09:02,549 --> 00:09:06,779  
vaccine-preventable diseases there's

197  
00:09:04,769 --> 00:09:08,909  
also a contact form if anybody has

198  
00:09:06,779 --> 00:09:12,029  
specific concerns or questions about

199  
00:09:08,909 --> 00:09:15,209  
vaccinations they can privately email us

200

00:09:12,029 --> 00:09:16,139  
through that contact form and we will

201  
00:09:15,210 --> 00:09:18,600  
answer

202  
00:09:16,139 --> 00:09:21,870  
questions for them with you know with

203  
00:09:18,600 --> 00:09:22,889  
with good solid scientific evidence what

204  
00:09:21,870 --> 00:09:24,570  
seems to be the one piece of

205  
00:09:22,889 --> 00:09:26,460  
misinformation that people have asked

206  
00:09:24,570 --> 00:09:27,780  
you about so far that seems that people

207  
00:09:26,460 --> 00:09:30,000  
seem to have out there that you've been

208  
00:09:27,779 --> 00:09:33,089  
able to maybe help people with there's

209  
00:09:30,000 --> 00:09:35,850  
so many there's still that lingering you

210  
00:09:33,090 --> 00:09:39,120  
know vaccine causes autism thing that is

211  
00:09:35,850 --> 00:09:41,790  
still out there which is of course been

212  
00:09:39,120 --> 00:09:44,700  
totally do back time and time again but

213  
00:09:41,789 --> 00:09:47,309  
it keeps rearing its head another really

214  
00:09:44,700 --> 00:09:49,740

popular one is that the too many too

215

00:09:47,309 --> 00:09:51,989  
soon with that all these vaccines

216

00:09:49,740 --> 00:09:55,019  
overwhelm a baby's immune system which

217

00:09:51,990 --> 00:09:57,029  
is absolute nonsense you know babies

218

00:09:55,019 --> 00:09:59,460  
apparently get exposed to between two

219

00:09:57,029 --> 00:10:02,009  
between two thousand six thousand

220

00:09:59,460 --> 00:10:05,759  
different immune challenges every single

221

00:10:02,009 --> 00:10:07,679  
day it's inconceivable that the vaccine

222

00:10:05,759 --> 00:10:10,529  
schedule the Australian vaccination

223

00:10:07,679 --> 00:10:13,289  
schedule in any way over well the baby's

224

00:10:10,529 --> 00:10:14,939  
immune system now for someone like me

225

00:10:13,289 --> 00:10:16,379  
and I ask people this and I asked dr.

226

00:10:14,940 --> 00:10:17,610  
Rita this and Evans going to be a

227

00:10:16,379 --> 00:10:20,360  
different answer if someone like me

228

00:10:17,610 --> 00:10:22,800  
wanted to have the whooping cough

229  
00:10:20,360 --> 00:10:24,480  
vaccination would that be a useful thing

230  
00:10:22,799 --> 00:10:26,009  
because I don't know if I'm coming into

231  
00:10:24,480 --> 00:10:27,870  
contact with children I don't know when

232  
00:10:26,009 --> 00:10:29,610  
I don't know if I'm a carrier is that a

233  
00:10:27,870 --> 00:10:33,269  
very useful thing for someone my age to

234  
00:10:29,610 --> 00:10:36,090  
do or not well look you know Manor I'm

235  
00:10:33,269 --> 00:10:37,919  
not a doctor and I won't give medical

236  
00:10:36,090 --> 00:10:40,290  
advice I can give you that the

237  
00:10:37,919 --> 00:10:42,899  
information that I do know which is is

238  
00:10:40,289 --> 00:10:46,049  
that whooping cough the pertussis and

239  
00:10:42,899 --> 00:10:48,939  
vaccinations generally wears off within

240  
00:10:46,049 --> 00:10:51,969  
about ten ten years of having had it so

241  
00:10:48,940 --> 00:10:54,160  
yes it is important probably for people

242  
00:10:51,970 --> 00:10:56,379  
for adults especially who are in close

243  
00:10:54,159 --> 00:10:58,149  
contact with babies who haven't yet been

244  
00:10:56,379 --> 00:11:01,299  
able to complete the immunization

245  
00:10:58,149 --> 00:11:03,220  
schedule to have that booster but the

246  
00:11:01,299 --> 00:11:05,079  
best thing that you can do if you're

247  
00:11:03,220 --> 00:11:07,330  
unsure and you want to know about it is

248  
00:11:05,080 --> 00:11:09,639  
to go and talk to your GP and they can

249  
00:11:07,330 --> 00:11:11,259  
give you the best advice on that so

250  
00:11:09,639 --> 00:11:13,449  
that's a good that's a good sensible

251  
00:11:11,259 --> 00:11:14,919  
result probably got from that um I asked

252  
00:11:13,450 --> 00:11:16,629  
you a question you said you didn't know

253  
00:11:14,919 --> 00:11:19,149  
but it pointed me to someone that might

254  
00:11:16,629 --> 00:11:20,559  
know now that doesn't always happen in

255  
00:11:19,149 --> 00:11:22,629  
this life does it you ask someone they

256  
00:11:20,559 --> 00:11:23,979  
got this is what you should do now well

257

00:11:22,629 --> 00:11:26,200  
that's right and that's what we really

258  
00:11:23,980 --> 00:11:27,700  
want to get across to people I'm a mum I

259  
00:11:26,200 --> 00:11:30,759  
don't have much of a science background

260  
00:11:27,700 --> 00:11:32,740  
I was an ambulance paramedic so that was

261  
00:11:30,759 --> 00:11:35,620  
that sort of my field i do first aid

262  
00:11:32,740 --> 00:11:37,960  
courses but so if i don't know the

263  
00:11:35,620 --> 00:11:39,639  
answer to a question i won't make

264  
00:11:37,960 --> 00:11:41,860  
something i'll point you to the people

265  
00:11:39,639 --> 00:11:43,179  
who can answer the question for you and

266  
00:11:41,860 --> 00:11:45,220  
that's the same as all the

267  
00:11:43,179 --> 00:11:47,139  
administrators in our group we do have

268  
00:11:45,220 --> 00:11:49,509  
an ICU specialist in there that knows a

269  
00:11:47,139 --> 00:11:51,939  
lot of stuff about it you know about

270  
00:11:49,509 --> 00:11:56,139  
medicine that's her job but we really

271  
00:11:51,940 --> 00:11:58,000

want to our members are we want to we

272

00:11:56,139 --> 00:12:00,610

want to focus on mums talking to mums

273

00:11:58,000 --> 00:12:03,610

dads talking to dads doctors talking to

274

00:12:00,610 --> 00:12:05,500

other doctors the peer-to-peer approach

275

00:12:03,610 --> 00:12:07,480

and yes if we don't know the answer will

276

00:12:05,500 --> 00:12:09,240

go away we'll find out and we'll come

277

00:12:07,480 --> 00:12:11,470

back to you with the correct information

278

00:12:09,240 --> 00:12:15,220

have you been accused of being a shill

279

00:12:11,470 --> 00:12:16,600

for anybody yet um yeah ready well I can

280

00:12:15,220 --> 00:12:18,910

I thought like me out that I thought

281

00:12:16,600 --> 00:12:20,680

give it time but no straight away hey no

282

00:12:18,909 --> 00:12:22,509

it goes without saying if you're on

283

00:12:20,679 --> 00:12:25,329

Facebook in any type of thumb as a

284

00:12:22,509 --> 00:12:28,029

vaccination form inevitably you'll be

285

00:12:25,330 --> 00:12:30,070

called a farmer shell at some point

286  
00:12:28,029 --> 00:12:33,339  
so yeah apparently I'm a farmer shield

287  
00:12:30,070 --> 00:12:34,629  
which was news to me but still waiting

288  
00:12:33,340 --> 00:12:37,120  
for the check in the mail as they say

289  
00:12:34,629 --> 00:12:38,649  
and where can we go to find out more

290  
00:12:37,120 --> 00:12:41,409  
about what you're doing and maybe see

291  
00:12:38,649 --> 00:12:43,509  
what you up to yeah well mainly it's the

292  
00:12:41,409 --> 00:12:45,789  
website Northern Rivers vaccination

293  
00:12:43,509 --> 00:12:50,350  
supporters Borg and we also have an open

294  
00:12:45,789 --> 00:12:52,329  
facebook page now as well and we don't

295  
00:12:50,350 --> 00:12:54,580  
actually allow comments on that facebook

296  
00:12:52,330 --> 00:12:56,020  
page purely because what we're saying

297  
00:12:54,580 --> 00:12:58,360  
before we don't think there's a debate

298  
00:12:56,019 --> 00:13:01,720  
so what we are doing is just putting

299  
00:12:58,360 --> 00:13:04,120  
information there with credible sources

300  
00:13:01,720 --> 00:13:05,620  
and if people have any specific

301  
00:13:04,120 --> 00:13:08,080  
questions to get in touch with us via

302  
00:13:05,620 --> 00:13:10,269  
our email address which is on on the

303  
00:13:08,080 --> 00:13:14,230  
website so either Facebook Northern

304  
00:13:10,269 --> 00:13:15,759  
Rivers supporters or the website thank

305  
00:13:14,230 --> 00:13:19,269  
you and enjoy the rest of the national

306  
00:13:15,759 --> 00:13:21,549  
conference today thank you you too you

307  
00:13:19,269 --> 00:13:23,139  
can't go too far at any skeptics

308  
00:13:21,549 --> 00:13:25,359  
gathering without bumping into postie

309  
00:13:23,139 --> 00:13:26,769  
Lindley you got the wrong Sinatra hey ho

310  
00:13:25,360 --> 00:13:28,629  
chi lin li you have got the wrong so

311  
00:13:26,769 --> 00:13:30,159  
look I was dressed as the ROM Sinatra

312  
00:13:28,629 --> 00:13:32,139  
temporarily last night when I had that

313  
00:13:30,159 --> 00:13:33,969  
hat on you were I had I was doing the

314

00:13:32,139 --> 00:13:35,710  
Frank Sinatra tribute show called you

315  
00:13:33,970 --> 00:13:37,720  
got the wrong Sinatra briefly and I just

316  
00:13:35,710 --> 00:13:41,230  
saw a picture of you we're cuddling a

317  
00:13:37,720 --> 00:13:43,450  
dolly too I was asking i was asking that

318  
00:13:41,230 --> 00:13:47,590  
Dalek the hard questions I took a photo

319  
00:13:43,450 --> 00:13:49,300  
of paul willis with his blow-up doll

320  
00:13:47,590 --> 00:13:51,070  
like that he brought stroke of genius

321  
00:13:49,299 --> 00:13:53,559  
for the can of canberra skeptics to

322  
00:13:51,070 --> 00:13:54,910  
auction off their sets yes because i

323  
00:13:53,559 --> 00:13:56,469  
don't have to don't have to everything's

324  
00:13:54,909 --> 00:13:57,759  
sold that i have to pack up I just had

325  
00:13:56,470 --> 00:13:59,560  
to log in and then they sell everything

326  
00:13:57,759 --> 00:14:01,360  
and they walk home absolutely perfect I

327  
00:13:59,559 --> 00:14:02,949  
die I wanted a book and I didn't get a

328  
00:14:01,360 --> 00:14:05,019

book but what has been the main

329

00:14:02,950 --> 00:14:06,970

attraction this weekend for you for this

330

00:14:05,019 --> 00:14:08,590

national skeptics conference post deal

331

00:14:06,970 --> 00:14:10,950

in there actually I like to talk with a

332

00:14:08,590 --> 00:14:13,830

Graham Wilson before on soon

333

00:14:10,950 --> 00:14:15,750

Donkey gotta say that's been my favorite

334

00:14:13,830 --> 00:14:17,520

as well because it was something I

335

00:14:15,750 --> 00:14:18,870

didn't know about something I thought

336

00:14:17,519 --> 00:14:20,579

was just a piece of propaganda in the

337

00:14:18,870 --> 00:14:22,769

first place but he was explaining why

338

00:14:20,580 --> 00:14:25,410

it's important to reveal it as such he

339

00:14:22,769 --> 00:14:28,649

is definitely passionate in Australian

340

00:14:25,409 --> 00:14:30,389

War history and it absolutely showed it

341

00:14:28,649 --> 00:14:35,240

just sort of drew me in and I think well

342

00:14:30,389 --> 00:14:37,679

I can go out and maybe buy a book on the

343  
00:14:35,240 --> 00:14:39,750  
Simpson donkey that he's got for sale

344  
00:14:37,679 --> 00:14:41,849  
well yeah obviously covers all sorts of

345  
00:14:39,750 --> 00:14:43,259  
areas is there an area you I know you've

346  
00:14:41,850 --> 00:14:45,240  
thought about giving a talk a few times

347  
00:14:43,259 --> 00:14:46,860  
you think is if you thought to give you

348  
00:14:45,240 --> 00:14:48,750  
a talk you're going to be giving it some

349  
00:14:46,860 --> 00:14:51,330  
sage possibilities when a door took on

350  
00:14:48,750 --> 00:14:52,799  
frederick valentich though publicly

351  
00:14:51,330 --> 00:14:55,410  
speaking i'll probably end up in tears

352  
00:14:52,799 --> 00:14:58,219  
but uh no frederick valentich she

353  
00:14:55,409 --> 00:15:01,860  
disappeared over Bass Strait in 1978

354  
00:14:58,220 --> 00:15:04,860  
bloodied our UFO conspiracy maybe maybe

355  
00:15:01,860 --> 00:15:08,519  
he's been found in Russia and also

356  
00:15:04,860 --> 00:15:10,259  
there's lobsters involved because one of

357  
00:15:08,519 --> 00:15:12,000  
the stories he gave as to why was going

358  
00:15:10,259 --> 00:15:14,490  
to King Island wasn't it the island who

359  
00:15:12,000 --> 00:15:16,860  
maybe pick up some lobsters or just

360  
00:15:14,490 --> 00:15:21,060  
flying there as experienced trip because

361  
00:15:16,860 --> 00:15:26,370  
he was not a well experienced flight a

362  
00:15:21,059 --> 00:15:28,979  
flyer but he was he had little nighttime

363  
00:15:26,370 --> 00:15:31,230  
flight experience already we've already

364  
00:15:28,980 --> 00:15:33,450  
I've already argued with mr. Brian

365  
00:15:31,230 --> 00:15:35,250  
Dunning about this on this very show for

366  
00:15:33,450 --> 00:15:37,140  
because I'm always interested in that

367  
00:15:35,250 --> 00:15:38,879  
metallic noise at the end that was

368  
00:15:37,139 --> 00:15:42,029  
coming from the radio what was that I

369  
00:15:38,879 --> 00:15:44,159  
can say what I think it could be is you

370  
00:15:42,029 --> 00:15:46,230  
know he's doing silly stuff in the air

371

00:15:44,159 --> 00:15:49,230  
he's come across onto the ocean skidding

372  
00:15:46,230 --> 00:15:51,600  
across the ocean and that's what the

373  
00:15:49,230 --> 00:15:54,240  
sound could be Steve Robey the flight

374  
00:15:51,600 --> 00:15:56,580  
intra-flight traffic control guy he was

375  
00:15:54,240 --> 00:15:59,070  
actually a postie back a long time ago

376  
00:15:56,580 --> 00:16:03,540  
and I remember seeing

377  
00:15:59,070 --> 00:16:06,990  
re remember watching annex unexplained

378  
00:16:03,539 --> 00:16:08,490  
mysteries which was rebroadcast and he

379  
00:16:06,990 --> 00:16:10,980  
can't Electress in that episode and he

380  
00:16:08,490 --> 00:16:13,200  
came up on telly and I thought that's a

381  
00:16:10,980 --> 00:16:16,950  
guy from work so I spoke to him about it

382  
00:16:13,200 --> 00:16:20,040  
and he believes that it could have been

383  
00:16:16,950 --> 00:16:23,460  
something he's disappeared obviously but

384  
00:16:20,039 --> 00:16:25,079  
um Steve kind of maybe kind of believes

385  
00:16:23,460 --> 00:16:27,030

that it could have been a UFO but I

386

00:16:25,080 --> 00:16:29,070

don't think he really does he's sort of

387

00:16:27,029 --> 00:16:31,379

on borderline about it but you know

388

00:16:29,070 --> 00:16:34,020

Frederick Valentich his father believed

389

00:16:31,379 --> 00:16:35,700

that he was abducted by UFOs East mother

390

00:16:34,019 --> 00:16:37,470

and father did they want to keep that

391

00:16:35,700 --> 00:16:40,379

going because they would rather believe

392

00:16:37,470 --> 00:16:44,340

that he's captured by aliens and

393

00:16:40,379 --> 00:16:46,610

actually dead and he's dead very wrapped

394

00:16:44,340 --> 00:16:49,050

in plastic maybe you never know

395

00:16:46,610 --> 00:16:50,550

emotionally you like going down that

396

00:16:49,049 --> 00:16:52,709

skeptic rabbit hole don't you yeah yeah

397

00:16:50,549 --> 00:16:54,599

definitely but valentin and the

398

00:16:52,710 --> 00:16:57,509

philadelphia experiment is my favorite

399

00:16:54,600 --> 00:16:59,659

as well wow that that one's all over the

400  
00:16:57,509 --> 00:17:01,970  
place that one yeah that's just

401  
00:16:59,659 --> 00:17:03,799  
the movie I think got me when it was

402  
00:17:01,970 --> 00:17:06,860  
first on with what's-his-name part

403  
00:17:03,799 --> 00:17:08,779  
Michael Perry and ever since then that

404  
00:17:06,859 --> 00:17:10,429  
sort of been one of those topics like

405  
00:17:08,779 --> 00:17:12,470  
looking into every now and then and I

406  
00:17:10,430 --> 00:17:15,259  
think if you look into that particular

407  
00:17:12,470 --> 00:17:17,180  
conspiracy it involves men sitting naked

408  
00:17:15,259 --> 00:17:20,029  
in chairs at one stage I believe and

409  
00:17:17,180 --> 00:17:22,460  
just melted bodies in the ship that sort

410  
00:17:20,029 --> 00:17:24,319  
of stuff you know boredom want to make a

411  
00:17:22,460 --> 00:17:26,269  
Canberra what's up tone has the Canberra

412  
00:17:24,319 --> 00:17:28,369  
skeptics conference got to it look it's

413  
00:17:26,269 --> 00:17:30,410  
it's quite nice actually it's small

414  
00:17:28,369 --> 00:17:32,839  
smaller than the Melbourne skeptics but

415  
00:17:30,410 --> 00:17:35,690  
it's still quite a there's been no

416  
00:17:32,839 --> 00:17:37,909  
troubles the talks have been great

417  
00:17:35,690 --> 00:17:40,009  
yesterday I just wandered off for a push

418  
00:17:37,910 --> 00:17:41,600  
bike ride around town which was Linda

419  
00:17:40,009 --> 00:17:43,009  
Blair didn't turn up until electro

420  
00:17:41,599 --> 00:17:45,529  
because Linda Blair was also been in

421  
00:17:43,009 --> 00:17:46,490  
Canberra coincidentally this weekend but

422  
00:17:45,529 --> 00:17:48,889  
she didn't turn up at the bookshop

423  
00:17:46,490 --> 00:17:50,839  
flight was delayed by three hours and I

424  
00:17:48,890 --> 00:17:52,700  
think there was something in that there

425  
00:17:50,839 --> 00:17:54,470  
could be some sort of conspiracy but you

426  
00:17:52,700 --> 00:17:56,330  
never know so it was tough look delayed

427  
00:17:54,470 --> 00:17:58,910  
three hours I couldn't make it because

428

00:17:56,329 --> 00:18:00,529  
we had dinner and you know bad luck sir

429  
00:17:58,910 --> 00:18:02,720  
yeah but at least you've got a book to

430  
00:18:00,529 --> 00:18:05,210  
read about Simpson he's donkey yes yes I

431  
00:18:02,720 --> 00:18:07,519  
would like to know a little bit more

432  
00:18:05,210 --> 00:18:09,890  
about that especially how many people he

433  
00:18:07,519 --> 00:18:11,299  
could not carry on a donkey with one of

434  
00:18:09,890 --> 00:18:14,630  
the slides you showed which is pretty

435  
00:18:11,299 --> 00:18:17,240  
much everyone unless you had it like a

436  
00:18:14,630 --> 00:18:19,370  
you know like greys to your knee and

437  
00:18:17,240 --> 00:18:21,829  
that's a you know everyone else bugger

438  
00:18:19,369 --> 00:18:23,329  
off you can find the meat wagon and of

439  
00:18:21,829 --> 00:18:25,279  
course you hopping on your motorbike

440  
00:18:23,329 --> 00:18:26,720  
riding back to Melbourne no I came up in

441  
00:18:25,279 --> 00:18:29,450  
a car this time I motorbike swing

442  
00:18:26,720 --> 00:18:31,220

service so every time I pick you there's

443

00:18:29,450 --> 00:18:32,720

either been some minor accident and it's

444

00:18:31,220 --> 00:18:36,319

not particularly usable or something

445

00:18:32,720 --> 00:18:38,660

come at the the back of a bus and ended

446

00:18:36,319 --> 00:18:42,829

up in the gutter and and there's Paul

447

00:18:38,660 --> 00:18:44,720

Willis where's he's Dalek I tell you

448

00:18:42,829 --> 00:18:45,829

what I just find it amazing that do you

449

00:18:44,720 --> 00:18:48,410

know just you be careful on that

450

00:18:45,829 --> 00:18:50,720

motorbike it's Melbourne it's Melbourne

451

00:18:48,410 --> 00:18:52,279

that's fine it's none of my push by its

452

00:18:50,720 --> 00:18:53,548

if it's not falling off my push bike

453

00:18:52,279 --> 00:18:58,408

it's falling up my motor by

454

00:18:53,548 --> 00:18:59,819

you know you just get back on well

455

00:18:58,409 --> 00:19:01,679

actually someone we haven't heard much

456

00:18:59,819 --> 00:19:03,509

from this weekend because he's been out

457  
00:19:01,679 --> 00:19:05,278  
the back doing deals is of course the

458  
00:19:03,509 --> 00:19:06,839  
head of the Australian Lord the ex-head

459  
00:19:05,278 --> 00:19:08,638  
of history and skeptics that that's why

460  
00:19:06,839 --> 00:19:11,609  
you weren't doing enough deal so who we

461  
00:19:08,638 --> 00:19:14,428  
got to you hi it's around segev now he's

462  
00:19:11,609 --> 00:19:16,648  
just you know a framing of the land I

463  
00:19:14,429 --> 00:19:19,440  
believe they call you know that's

464  
00:19:16,648 --> 00:19:20,819  
somebody else that's a mother quack then

465  
00:19:19,440 --> 00:19:23,129  
what did you have a chat about today I

466  
00:19:20,819 --> 00:19:24,989  
spoke about well as the title of the

467  
00:19:23,128 --> 00:19:26,788  
talk was how JEWS ruled the world but it

468  
00:19:24,989 --> 00:19:29,579  
really was not about that he was more

469  
00:19:26,788 --> 00:19:31,618  
about how the perception arose that Jews

470  
00:19:29,579 --> 00:19:33,898  
rule the world or you know more

471  
00:19:31,618 --> 00:19:35,878  
prominent than they should be and I

472  
00:19:33,898 --> 00:19:38,128  
looked into some historical statistics

473  
00:19:35,878 --> 00:19:39,509  
first and Jews are indeed in many areas

474  
00:19:38,128 --> 00:19:41,339  
more prominent than you would expect

475  
00:19:39,509 --> 00:19:44,999  
them to be based on just their their

476  
00:19:41,339 --> 00:19:48,449  
numbers in society but I also presented

477  
00:19:44,999 --> 00:19:50,038  
evidence presented evidence is to how

478  
00:19:48,450 --> 00:19:52,350  
prominent they are in certain areas and

479  
00:19:50,038 --> 00:19:54,720  
also looked at in two possible reasons

480  
00:19:52,349 --> 00:19:57,658  
as to why that has happened historical

481  
00:19:54,720 --> 00:20:00,028  
reasons and my should I go into more my

482  
00:19:57,659 --> 00:20:03,330  
conclusion know what well actually yeah

483  
00:20:00,028 --> 00:20:05,159  
at what point did this this really come

484  
00:20:03,329 --> 00:20:06,898  
out at what point did everyone go okay

485

00:20:05,159 --> 00:20:08,309  
it is a juice fault was there a point

486  
00:20:06,898 --> 00:20:10,469  
where you've ever had to nail it down

487  
00:20:08,308 --> 00:20:13,230  
quite clearly when you say it is the

488  
00:20:10,470 --> 00:20:15,749  
Jews faulty me about Jesus would get a

489  
00:20:13,230 --> 00:20:17,519  
thing why did yes because that was one

490  
00:20:15,749 --> 00:20:20,009  
of the really injure but and also being

491  
00:20:17,519 --> 00:20:23,429  
Jewish this is a was it a cathartic at

492  
00:20:20,009 --> 00:20:25,139  
all to do this no no I mean you know in

493  
00:20:23,429 --> 00:20:28,470  
all the things that I in all the ways

494  
00:20:25,138 --> 00:20:29,908  
that i define myself jewish is not one

495  
00:20:28,470 --> 00:20:31,679  
of the top three you know it's not

496  
00:20:29,909 --> 00:20:33,389  
probably not one top-five i mean

497  
00:20:31,679 --> 00:20:36,690  
probably amateur astronomer comes before

498  
00:20:33,388 --> 00:20:38,939  
jew and definitely parents skeptic you

499  
00:20:36,690 --> 00:20:41,159

know IT guy and you know and other

500

00:20:38,940 --> 00:20:42,840

things science lover come before that

501

00:20:41,159 --> 00:20:44,999

but but it is something that is

502

00:20:42,839 --> 00:20:46,648

obviously part of my upbringing in part

503

00:20:44,999 --> 00:20:49,319

of the culture of my family and you know

504

00:20:46,648 --> 00:20:51,569

people around me at least some people

505

00:20:49,319 --> 00:20:53,308

around me the reference to that Jesus

506

00:20:51,569 --> 00:20:54,839

thing was that I started looking at some

507

00:20:53,308 --> 00:20:56,940

of the things that worked against Jews

508

00:20:54,839 --> 00:20:58,500

over the years and I mentioned the Jesus

509

00:20:56,940 --> 00:21:01,049

thing and showed up the

510

00:20:58,500 --> 00:21:05,579

medieval image of Jesus being kissed by

511

00:21:01,049 --> 00:21:08,279

Judas so yeah so it definitely is

512

00:21:05,579 --> 00:21:12,089

something that has always worked against

513

00:21:08,279 --> 00:21:14,759

Jews but in Christian medieval Europe it

514  
00:21:12,089 --> 00:21:19,019  
that's when things really became very

515  
00:21:14,759 --> 00:21:21,119  
bad and again it see you know the kind

516  
00:21:19,019 --> 00:21:23,190  
of things that we see today with Judaism

517  
00:21:21,119 --> 00:21:26,719  
with Jews being in prominent positions

518  
00:21:23,190 --> 00:21:29,549  
especially in the West in many areas

519  
00:21:26,720 --> 00:21:31,319  
that is something that to a large extent

520  
00:21:29,549 --> 00:21:34,019  
not not completely but to a large extent

521  
00:21:31,319 --> 00:21:35,279  
arose out of that and did you get the

522  
00:21:34,019 --> 00:21:36,629  
interesting questions at the end of that

523  
00:21:35,279 --> 00:21:37,859  
there were a few people that want to

524  
00:21:36,630 --> 00:21:40,500  
pick you up on anything or people who

525  
00:21:37,859 --> 00:21:43,379  
wanted a clarification yeah so so yeah I

526  
00:21:40,500 --> 00:21:45,089  
got really interesting questions about

527  
00:21:43,380 --> 00:21:46,050  
you know justjust clarifications about

528  
00:21:45,089 --> 00:21:47,819  
all kinds of things that I've mentioned

529  
00:21:46,049 --> 00:21:49,589  
because obviously people here are less

530  
00:21:47,819 --> 00:21:51,029  
likely to know about Jewish culture so

531  
00:21:49,589 --> 00:21:53,159  
so there was just questions about that

532  
00:21:51,029 --> 00:21:54,869  
there was one person who quizzed me

533  
00:21:53,160 --> 00:21:56,580  
about my conclusion that genetics

534  
00:21:54,869 --> 00:22:00,869  
doesn't have much to do with it if

535  
00:21:56,579 --> 00:22:03,449  
anything at all and yeah he gave me some

536  
00:22:00,869 --> 00:22:06,209  
pointers to four things to look at I

537  
00:22:03,450 --> 00:22:08,190  
must admit that I does again the things

538  
00:22:06,210 --> 00:22:10,500  
that are not 100 sure about with regards

539  
00:22:08,190 --> 00:22:13,049  
to genetics but overall I think the case

540  
00:22:10,500 --> 00:22:15,210  
for culture is so compelling that it

541  
00:22:13,049 --> 00:22:17,609  
would vary be very difficult to overturn

542

00:22:15,210 --> 00:22:19,650  
it so even if genetics does play some

543  
00:22:17,609 --> 00:22:21,329  
role it is probably not a significant

544  
00:22:19,650 --> 00:22:22,980  
role and the main the main reason that

545  
00:22:21,329 --> 00:22:25,109  
genetics probably doesn't play a major

546  
00:22:22,980 --> 00:22:27,990  
role in the success of Jews in the world

547  
00:22:25,109 --> 00:22:31,349  
today is that Jews are not one group

548  
00:22:27,990 --> 00:22:33,180  
genetically so if there were one group

549  
00:22:31,349 --> 00:22:35,519  
then you might say okay well makes sense

550  
00:22:33,180 --> 00:22:37,500  
but they're not so and I showed that it

551  
00:22:35,519 --> 00:22:39,450  
with so using some family photos that

552  
00:22:37,500 --> 00:22:43,799  
show that i have mongaul ancestry hey

553  
00:22:39,450 --> 00:22:46,410  
despite my European look and there's a

554  
00:22:43,799 --> 00:22:48,539  
few few clicks into talking Judaism here

555  
00:22:46,410 --> 00:22:50,400  
there's a few things that and I know you

556  
00:22:48,539 --> 00:22:52,889

don't speak for the entire Jewish faith

557

00:22:50,400 --> 00:22:54,600

of course I do we all do every one of us

558

00:22:52,890 --> 00:22:57,660

that's right and there's a few things

559

00:22:54,599 --> 00:22:59,849

I've heard mentioned on podcasts just

560

00:22:57,660 --> 00:23:02,490

fleetingly about in an atheist podcast

561

00:22:59,849 --> 00:23:04,889

about in Judah in Judaism in the u.s.

562

00:23:02,490 --> 00:23:06,690

they talk about the self-hating Jew the

563

00:23:04,890 --> 00:23:09,030

concept of that I have no idea what that

564

00:23:06,690 --> 00:23:09,470

means is it an insult is it something to

565

00:23:09,029 --> 00:23:13,680

do

566

00:23:09,470 --> 00:23:18,690

where does that come into it okay every

567

00:23:13,680 --> 00:23:23,039

Jew who comes out publicly in criticism

568

00:23:18,690 --> 00:23:28,230

of Jews as not not specific Jews but

569

00:23:23,039 --> 00:23:30,269

Jews as Jews or Israel and also you're

570

00:23:28,230 --> 00:23:32,009

talking more the State of Israel not so

571  
00:23:30,269 --> 00:23:34,019  
much criticism of the religion as such

572  
00:23:32,009 --> 00:23:35,970  
yeah well did it can be anything that's

573  
00:23:34,019 --> 00:23:38,789  
a thing it's it's a good way of

574  
00:23:35,970 --> 00:23:40,650  
basically saying that they're basically

575  
00:23:38,789 --> 00:23:42,180  
they hate themselves they're ashamed of

576  
00:23:40,650 --> 00:23:43,920  
their heritage and all that and that's

577  
00:23:42,180 --> 00:23:45,390  
why they have the criticism now as

578  
00:23:43,920 --> 00:23:47,640  
somebody who is originally from Israel

579  
00:23:45,390 --> 00:23:49,320  
but has a lot of criticism of Israel I

580  
00:23:47,640 --> 00:23:51,690  
would probably if I if I went I mean I'm

581  
00:23:49,319 --> 00:23:54,569  
not a political person in terms of my

582  
00:23:51,690 --> 00:23:57,630  
public life and but I guess if I voice

583  
00:23:54,569 --> 00:23:59,339  
my opinions about Israel's policies in

584  
00:23:57,630 --> 00:24:01,880  
public I would be given the same

585  
00:23:59,339 --> 00:24:04,500  
treatment of you know a self-hating Jew

586  
00:24:01,880 --> 00:24:06,630  
so but I don't know it's just it's just

587  
00:24:04,500 --> 00:24:08,519  
a thing it's just a way it's it's a bit

588  
00:24:06,630 --> 00:24:09,930  
like you know I'm sure truthers have you

589  
00:24:08,519 --> 00:24:11,609  
know just like sheep oh you know it's

590  
00:24:09,930 --> 00:24:12,930  
almost like that it since it's the kind

591  
00:24:11,609 --> 00:24:17,309  
of thing you say about the people that

592  
00:24:12,930 --> 00:24:19,289  
you don't like so it's not it also been

593  
00:24:17,309 --> 00:24:22,289  
talking to some linguistic people about

594  
00:24:19,289 --> 00:24:24,240  
the word pogrom which as a kid I thought

595  
00:24:22,289 --> 00:24:26,250  
was a violent riot against people I

596  
00:24:24,240 --> 00:24:28,230  
later learned it was a violent riot

597  
00:24:26,250 --> 00:24:31,799  
against Jews I later learnt it was a

598  
00:24:28,230 --> 00:24:34,710  
violent state sponsored program against

599

00:24:31,799 --> 00:24:37,019  
Judith but I've now heard the word being

600  
00:24:34,710 --> 00:24:38,880  
used to describe other space states

601  
00:24:37,019 --> 00:24:40,710  
sponsored activities against different

602  
00:24:38,880 --> 00:24:44,490  
groups do you think it can ever be used

603  
00:24:40,710 --> 00:24:45,809  
in any other context I yeah I think one

604  
00:24:44,490 --> 00:24:48,809  
of the things you know one of the jokes

605  
00:24:45,809 --> 00:24:51,149  
I made during my talk was I mentioned

606  
00:24:48,809 --> 00:24:52,409  
the anti-defamation league which is if I

607  
00:24:51,150 --> 00:24:54,720  
said that it's an American organization

608  
00:24:52,410 --> 00:24:57,269  
that gets is gets offended on behalf of

609  
00:24:54,720 --> 00:25:01,110  
Jews you know I just don't know i think

610  
00:24:57,269 --> 00:25:02,879  
this sensitivity about you know but you

611  
00:25:01,109 --> 00:25:04,289  
can't use the holocaust you can't joke

612  
00:25:02,880 --> 00:25:06,390  
about the holocaust you can't say that

613  
00:25:04,289 --> 00:25:09,269

something is like the Holocaust you know

614

00:25:06,390 --> 00:25:10,410

when similarly programs i mean i think

615

00:25:09,269 --> 00:25:11,650

we're getting a little bit precious

616

00:25:10,410 --> 00:25:13,720

about it I

617

00:25:11,650 --> 00:25:15,220

you can I don't think anybody can accuse

618

00:25:13,720 --> 00:25:17,440

me of not being sensitive to what the

619

00:25:15,220 --> 00:25:20,769

Holocaust means I've had family lost in

620

00:25:17,440 --> 00:25:22,990

the Holocaust I'm acutely aware of the

621

00:25:20,769 --> 00:25:26,259

significance of the Holocaust not just

622

00:25:22,990 --> 00:25:29,230

to Jewish people but to civilization in

623

00:25:26,259 --> 00:25:31,480

general I think it's pro if anything

624

00:25:29,230 --> 00:25:34,539

it's probably I probably overemphasize

625

00:25:31,480 --> 00:25:37,059

it's important imports that the fact the

626

00:25:34,539 --> 00:25:38,529

fact that it's that important does not

627

00:25:37,059 --> 00:25:43,899

mean that other people did not have

628  
00:25:38,529 --> 00:25:46,869  
atrocities act you know how should I say

629  
00:25:43,900 --> 00:25:50,590  
did not i can think of the for example

630  
00:25:46,869 --> 00:25:53,889  
of the armenian problem with with turkey

631  
00:25:50,589 --> 00:25:56,529  
okay so you could say okay but Armenians

632  
00:25:53,890 --> 00:25:58,750  
are the only 1.2 million Armenians died

633  
00:25:56,529 --> 00:26:01,720  
and it really wouldn't exterminated in

634  
00:25:58,750 --> 00:26:03,369  
camps and really the terse didn't really

635  
00:26:01,720 --> 00:26:06,819  
mean to kill them all they just meant to

636  
00:26:03,369 --> 00:26:09,279  
to you know because exile them drive

637  
00:26:06,819 --> 00:26:10,750  
them out but the reality is that 1.2

638  
00:26:09,279 --> 00:26:12,220  
million armenians which was more than

639  
00:26:10,750 --> 00:26:14,410  
half of the armenian population of the

640  
00:26:12,220 --> 00:26:16,029  
world at the time perished during

641  
00:26:14,410 --> 00:26:21,210  
something that was clearly well

642  
00:26:16,029 --> 00:26:23,529  
organized and and in violent activity

643  
00:26:21,210 --> 00:26:24,880  
whether the you know said do you use the

644  
00:26:23,529 --> 00:26:27,039  
word Holocaust what difference does it

645  
00:26:24,880 --> 00:26:29,170  
make what did why is it offensive to

646  
00:26:27,039 --> 00:26:30,759  
Jews that the word Holocaust is being

647  
00:26:29,170 --> 00:26:34,000  
used something else similarly to

648  
00:26:30,759 --> 00:26:36,009  
programs you know you know if the word

649  
00:26:34,000 --> 00:26:38,200  
fits then the news it so it's not

650  
00:26:36,009 --> 00:26:39,700  
exactly the definition of the definition

651  
00:26:38,200 --> 00:26:41,920  
of the word so what I just don't

652  
00:26:39,700 --> 00:26:46,029  
understand that sensitivity hmm but I'm

653  
00:26:41,920 --> 00:26:47,650  
not a very sensitive person and what do

654  
00:26:46,029 --> 00:26:49,450  
you think most people have gotten out of

655  
00:26:47,650 --> 00:26:51,190  
this weekend here it's got a slightly

656

00:26:49,450 --> 00:26:52,779  
different flavor being in Canberra being

657  
00:26:51,190 --> 00:26:54,400  
organized by the Canberra skeptics or

658  
00:26:52,779 --> 00:26:56,980  
other things have been me the flavor the

659  
00:26:54,400 --> 00:26:58,750  
conspiracy flavor this weekend I first

660  
00:26:56,980 --> 00:27:01,509  
of all I thought that the this was the

661  
00:26:58,750 --> 00:27:06,009  
perfect place for you to be

662  
00:27:01,509 --> 00:27:08,109  
but I fell I thought a lot of the talks

663  
00:27:06,009 --> 00:27:10,480  
were very very interesting and very good

664  
00:27:08,109 --> 00:27:12,099  
that overall I thought it was it I mean

665  
00:27:10,480 --> 00:27:14,440  
we still have a couple of talks left but

666  
00:27:12,099 --> 00:27:18,269  
very good very good conference I thought

667  
00:27:14,440 --> 00:27:21,700  
it was good talks good organization they

668  
00:27:18,269 --> 00:27:22,960  
really just I couldn't find faults in

669  
00:27:21,700 --> 00:27:24,789  
everything anything that happened here I

670  
00:27:22,960 --> 00:27:26,170

thought the humor around the

671

00:27:24,789 --> 00:27:28,240

conspiracies and where everybody here

672

00:27:26,170 --> 00:27:30,340

called Agent Smith and the little gags

673

00:27:28,240 --> 00:27:32,109

that they had with you know not

674

00:27:30,339 --> 00:27:33,789

providing information and you know or

675

00:27:32,109 --> 00:27:36,279

appearing not to provide information I

676

00:27:33,789 --> 00:27:37,659

thought it was cute no and I thought oh

677

00:27:36,279 --> 00:27:40,059

khuda stew them I thought they've done a

678

00:27:37,660 --> 00:27:41,470

really great job and of course of all

679

00:27:40,059 --> 00:27:43,929

you got your head across a few

680

00:27:41,470 --> 00:27:45,579

conspiracies of all the conspiracies

681

00:27:43,930 --> 00:27:47,769

even though there might be no evidence

682

00:27:45,579 --> 00:27:49,569

to so they are valid is there any that

683

00:27:47,769 --> 00:27:53,220

you would really like to be real or you

684

00:27:49,569 --> 00:27:56,230

think well that'd be cool it was real

685  
00:27:53,220 --> 00:27:57,789  
wow that's it that's a difficult one no

686  
00:27:56,230 --> 00:27:59,500  
conspiracy I know I don't think that's a

687  
00:27:57,789 --> 00:28:01,240  
no there's a lot of there's a lot of

688  
00:27:59,500 --> 00:28:03,549  
whoo that I would like to be I mean

689  
00:28:01,240 --> 00:28:05,380  
definitely life after death would be

690  
00:28:03,549 --> 00:28:07,419  
great and being able to contact people

691  
00:28:05,380 --> 00:28:08,590  
after the after they've died that would

692  
00:28:07,420 --> 00:28:11,500  
be fantastic but in terms of

693  
00:28:08,589 --> 00:28:13,929  
conspiracies it's almost conspirator

694  
00:28:11,500 --> 00:28:17,109  
sure about that I mean if everyone had

695  
00:28:13,930 --> 00:28:19,240  
ever died from your family that goes

696  
00:28:17,109 --> 00:28:20,529  
back quite a way I mean like that would

697  
00:28:19,240 --> 00:28:22,420  
mean there'd be a lot of communication

698  
00:28:20,529 --> 00:28:25,629  
going on you wouldn't get a lot of peace

699  
00:28:22,420 --> 00:28:26,680  
really well if you were optional in like

700  
00:28:25,630 --> 00:28:28,120  
you know you know he's like you know

701  
00:28:26,680 --> 00:28:29,590  
people still call me on call me on my

702  
00:28:28,119 --> 00:28:33,339  
phone I don't have to answer right so

703  
00:28:29,589 --> 00:28:35,289  
yeah okay so uh that's great grandma

704  
00:28:33,339 --> 00:28:38,259  
again now she can wait yes you can wait

705  
00:28:35,289 --> 00:28:41,349  
you out put just a good let it go to

706  
00:28:38,259 --> 00:28:44,079  
voicemail but what what effect would

707  
00:28:41,349 --> 00:28:46,209  
that have upon learning upon the economy

708  
00:28:44,079 --> 00:28:48,069  
so you could always go that conspiracy

709  
00:28:46,210 --> 00:28:50,319  
you know took it didn't hurt to talking

710  
00:28:48,069 --> 00:28:52,240  
to him to the dead so if you could talk

711  
00:28:50,319 --> 00:28:54,159  
to Einstein you could talk to every

712  
00:28:52,240 --> 00:28:55,809  
physicist at have been alive they could

713

00:28:54,160 --> 00:28:57,490  
update their information it's almost

714  
00:28:55,809 --> 00:28:59,649  
like you know that would have a profound

715  
00:28:57,490 --> 00:29:02,559  
effect upon the label in a must admit

716  
00:28:59,650 --> 00:29:04,150  
there's somebody only because I don't

717  
00:29:02,559 --> 00:29:06,549  
think it's happening I haven't really

718  
00:29:04,150 --> 00:29:07,930  
put my mind to it to that level I would

719  
00:29:06,549 --> 00:29:09,669  
just you know this is just people we

720  
00:29:07,930 --> 00:29:10,870  
were were important in my life who have

721  
00:29:09,670 --> 00:29:12,880  
died and i would like to get in touch

722  
00:29:10,869 --> 00:29:14,289  
with them and just know you know

723  
00:29:12,880 --> 00:29:16,600  
tell them about my children and things

724  
00:29:14,289 --> 00:29:19,690  
so it's not it's not that profound so I

725  
00:29:16,599 --> 00:29:21,699  
could really go to the depths that

726  
00:29:19,690 --> 00:29:24,580  
you've gone into but as usual I'm

727  
00:29:21,700 --> 00:29:26,170

overthinking it probably yeah but in

728

00:29:24,579 --> 00:29:27,639

terms of conspiracy theories I really

729

00:29:26,170 --> 00:29:29,950

can't think because you see conspiracy

730

00:29:27,640 --> 00:29:35,610

theories generally tend to be to assume

731

00:29:29,950 --> 00:29:39,400

malevolence and and and level of hate or

732

00:29:35,609 --> 00:29:41,609

did you know design the malevolence is

733

00:29:39,400 --> 00:29:44,410

probably the best word I'm trying to

734

00:29:41,609 --> 00:29:46,869

probably over this over describe it i

735

00:29:44,410 --> 00:29:48,670

just know i don't think i would like any

736

00:29:46,869 --> 00:29:51,009

to be true i mean first of all it's

737

00:29:48,670 --> 00:29:53,350

worth remembering that conspiracies do

738

00:29:51,009 --> 00:29:54,879

really happen what we talk about hearing

739

00:29:53,349 --> 00:29:56,259

about conspiracy theories as those

740

00:29:54,880 --> 00:29:57,760

places where you just take the

741

00:29:56,259 --> 00:29:59,769

conspiracy to the nth degree and

742  
00:29:57,759 --> 00:30:00,940  
basically no amount of evidence will

743  
00:29:59,769 --> 00:30:04,059  
convince you that there's no conspiracy

744  
00:30:00,940 --> 00:30:06,430  
and we know what actually happened and

745  
00:30:04,059 --> 00:30:07,750  
you know yet you know people insist that

746  
00:30:06,430 --> 00:30:10,029  
something else happened and they have no

747  
00:30:07,750 --> 00:30:13,000  
evidence for it so i can't see any

748  
00:30:10,029 --> 00:30:15,299  
benefit to any conspiracy theories being

749  
00:30:13,000 --> 00:30:15,299  
true

750  
00:30:26,359 --> 00:30:31,289  
now on Belfast FM we turn to the

751  
00:30:28,799 --> 00:30:33,329  
personal ads easygoing and confident

752  
00:30:31,289 --> 00:30:36,000  
skeptic seeks other critical thinkers

753  
00:30:33,329 --> 00:30:38,039  
for fun laughter and good times must be

754  
00:30:36,000 --> 00:30:40,109  
willing to apply logic liberally and a

755  
00:30:38,039 --> 00:30:42,089  
good listener expects something new and

756  
00:30:40,109 --> 00:30:44,159  
interesting every month come on meet me

757  
00:30:42,089 --> 00:30:46,079  
in Belfast in Northern Ireland if this

758  
00:30:44,160 --> 00:30:49,650  
sounds like you check out my profile on

759  
00:30:46,079 --> 00:30:56,579  
Belfast skeptics calm music by Kevin

760  
00:30:49,650 --> 00:30:58,769  
MacLeod welcome to a week in science

761  
00:30:56,579 --> 00:31:01,980  
from RI odds bringing you the science

762  
00:30:58,769 --> 00:31:04,529  
news you need to know koala growls a

763  
00:31:01,980 --> 00:31:06,390  
surprising ancient relative and gender

764  
00:31:04,529 --> 00:31:15,089  
on the brain it's been a good week in

765  
00:31:06,390 --> 00:31:17,910  
science men are from Mars Women are from

766  
00:31:15,089 --> 00:31:20,849  
Venus well not quite but a new study

767  
00:31:17,910 --> 00:31:23,700  
using brain scan shows that we are wired

768  
00:31:20,849 --> 00:31:26,039  
differently neural connections act like

769  
00:31:23,700 --> 00:31:28,440  
a system of roads along which brain

770

00:31:26,039 --> 00:31:31,170  
traffic travels different connections

771  
00:31:28,440 --> 00:31:33,809  
change the way we think act and function

772  
00:31:31,170 --> 00:31:36,300  
big gender-based differences start to

773  
00:31:33,809 --> 00:31:38,579  
appear in adolescence when females

774  
00:31:36,299 --> 00:31:41,039  
develop better connections between the

775  
00:31:38,579 --> 00:31:43,409  
left and right sides of the brain while

776  
00:31:41,039 --> 00:31:46,079  
males develop better connectivity within

777  
00:31:43,410 --> 00:31:47,580  
each hemisphere the male brain seems to

778  
00:31:46,079 --> 00:31:50,129  
be better for perception and

779  
00:31:47,579 --> 00:31:52,019  
coordination while females are better

780  
00:31:50,130 --> 00:31:54,390  
connected to combine logical and

781  
00:31:52,019 --> 00:31:55,829  
intuitive reasoning other researchers

782  
00:31:54,390 --> 00:31:57,360  
have pointed out that there is no

783  
00:31:55,829 --> 00:31:59,879  
evidence that these differences in

784  
00:31:57,359 --> 00:32:03,529

connections result in differences in

785

00:31:59,880 --> 00:32:05,990  
behavior between sexes

786

00:32:03,529 --> 00:32:08,299  
the DNA analysis of a four hundred

787

00:32:05,990 --> 00:32:11,120  
thousand year old human relative has

788

00:32:08,299 --> 00:32:12,710  
produced an unexpected result their

789

00:32:11,119 --> 00:32:15,409  
remains were found in an underground

790

00:32:12,710 --> 00:32:16,970  
cave in northern Spain and share many

791

00:32:15,410 --> 00:32:19,850  
physical characteristics with

792

00:32:16,970 --> 00:32:21,529  
Neanderthals however a DNA analysis

793

00:32:19,849 --> 00:32:23,349  
showed that the fossil was more closely

794

00:32:21,529 --> 00:32:26,119  
related to the recently discovered

795

00:32:23,349 --> 00:32:27,980  
Denisovans whose home range was not

796

00:32:26,119 --> 00:32:30,859  
thought to have extended into that

797

00:32:27,980 --> 00:32:33,289  
region this raises questions about human

798

00:32:30,859 --> 00:32:36,529  
evolution and the possible coexistence

799  
00:32:33,289 --> 00:32:38,389  
of Neanderthals and Denisovans you're

800  
00:32:36,529 --> 00:32:41,450  
listening to a week in science from RI

801  
00:32:38,390 --> 00:32:45,740  
oz and now for science headlines in 30

802  
00:32:41,450 --> 00:32:47,990  
seconds nerves in our stomach may act

803  
00:32:45,740 --> 00:32:50,150  
like a body clock telling our brain that

804  
00:32:47,990 --> 00:32:52,430  
we are full at nighttime but hungry

805  
00:32:50,150 --> 00:32:54,259  
during the day gut contents of an

806  
00:32:52,430 --> 00:32:56,660  
ancient preserved cockroach showed that

807  
00:32:54,259 --> 00:32:59,269  
they were the primary Dino poo eaters of

808  
00:32:56,660 --> 00:33:01,759  
the prehistoric world targeting to

809  
00:32:59,269 --> 00:33:04,730  
specific proteins in men can stop sperm

810  
00:33:01,759 --> 00:33:07,009  
from getting into their ejaculating hope

811  
00:33:04,730 --> 00:33:10,009  
for a reversible male contraceptive and

812  
00:33:07,009 --> 00:33:12,289  
the koalas surprisingly deep growl comes

813  
00:33:10,009 --> 00:33:21,259  
from two vocal folds located outside

814  
00:33:12,289 --> 00:33:23,569  
their voice box if you're listening to

815  
00:33:21,259 --> 00:33:25,910  
this on iTunes please help us out by

816  
00:33:23,569 --> 00:33:28,159  
giving us a good rating and leaving a

817  
00:33:25,910 --> 00:33:30,230  
nice comment that's it for this a week

818  
00:33:28,160 --> 00:33:32,300  
in science for more information on these

819  
00:33:30,230 --> 00:33:36,110  
and other science news stories go to the

820  
00:33:32,299 --> 00:33:38,180  
our oils website riasa us org a you

821  
00:33:36,109 --> 00:33:41,539  
follow us on twitter using the hashtag

822  
00:33:38,180 --> 00:33:45,880  
week in sai and like us on facebook i'm

823  
00:33:41,539 --> 00:33:45,879  
paul willis and i'll catch you next week

824  
00:34:00,710 --> 00:34:05,130  
hi I'm on it oh yeah Kristen or even tip

825  
00:34:03,900 --> 00:34:06,778  
said I some lotion lifted off the

826  
00:34:05,130 --> 00:34:09,269  
skeptic zone um skeptic a mirror in la

827

00:34:06,778 --> 00:34:11,250  
liga the fins not a blog get up a BF a

828  
00:34:09,269 --> 00:34:13,739  
podcast of reading and skip sistemas

829  
00:34:11,250 --> 00:34:15,510  
leaks in this drama central data skips a

830  
00:34:13,739 --> 00:34:17,489  
stall demo or hide publicize the deeps

831  
00:34:15,510 --> 00:34:19,619  
con our Chiclets and calendar / activity

832  
00:34:17,489 --> 00:34:21,118  
or link eternity research it skips this

833  
00:34:19,619 --> 00:34:22,619  
blog in of totality I'm lay autodesk

834  
00:34:21,119 --> 00:34:24,838  
ateres hefty performance so stick

835  
00:34:22,619 --> 00:34:39,149  
kingdom of delta dulce escapes is dots

836  
00:34:24,838 --> 00:34:43,378  
hello here's a message from our friends

837  
00:34:39,148 --> 00:34:45,918  
in canberra who are resting recovering

838  
00:34:43,378 --> 00:34:49,159  
after running a very successful national

839  
00:34:45,918 --> 00:34:53,039  
australian skeptics convention an

840  
00:34:49,159 --> 00:34:57,570  
evening of lawrence krauss monday 16th

841  
00:34:53,039 --> 00:35:00,300

of december from 6 30 to 7 30 p.m. the

842

00:34:57,570 --> 00:35:02,849

location is the lecture theatre csiro

843

00:35:00,300 --> 00:35:04,769

discovery center north science road

844

00:35:02,849 --> 00:35:08,000

acton in the Australian Capital

845

00:35:04,769 --> 00:35:10,500

Territory where we held the convention

846

00:35:08,000 --> 00:35:12,929

admission is free and everybody is

847

00:35:10,500 --> 00:35:14,880

welcome world-renowned theoretical

848

00:35:12,929 --> 00:35:17,608

physicist and science communicator

849

00:35:14,880 --> 00:35:19,920

professor Lawrence Krauss will be the

850

00:35:17,608 --> 00:35:22,380

guest of honor at a Q&A session of

851

00:35:19,920 --> 00:35:24,869

Canberra skeptics if you want to learn

852

00:35:22,380 --> 00:35:28,440

about everything from the Higgs boson to

853

00:35:24,869 --> 00:35:30,900

the Mars Curiosity rover religion to

854

00:35:28,440 --> 00:35:32,849

public policy come along and probe the

855

00:35:30,900 --> 00:35:35,280

mind of one of the most well-known names

856  
00:35:32,849 --> 00:35:37,140  
in science what a great opportunity for

857  
00:35:35,280 --> 00:35:40,920  
people living in the Australian capital

858  
00:35:37,139 --> 00:35:43,500  
territory if you have any questions you

859  
00:35:40,920 --> 00:35:49,360  
want to find out more and email address

860  
00:35:43,500 --> 00:35:52,300  
is mail at Canberra skeptics.org a you

861  
00:35:49,360 --> 00:35:54,940  
and there will be a dinner to follow the

862  
00:35:52,300 --> 00:35:58,840  
event for a more information about

863  
00:35:54,940 --> 00:36:02,079  
camera skeptics visit w WM Bruh skeptics

864  
00:35:58,840 --> 00:36:03,880  
org a you and congratulations to the

865  
00:36:02,079 --> 00:36:06,789  
incoming president of camera skeptics

866  
00:36:03,880 --> 00:36:09,550  
Lauren Cochran and vice president vice

867  
00:36:06,789 --> 00:36:12,639  
president Amanda Val and many thanks to

868  
00:36:09,550 --> 00:36:15,370  
the outgoing president Kevin Davies who

869  
00:36:12,639 --> 00:36:17,549  
who I hope now has time to put his feet

870  
00:36:15,369 --> 00:36:17,549  
out

871  
00:36:33,489 --> 00:36:40,250  
and joining me on the line from

872  
00:36:36,260 --> 00:36:41,870  
beautiful laguna niguel in California

873  
00:36:40,250 --> 00:36:43,969  
it's brian dunning I hope I got that

874  
00:36:41,869 --> 00:36:46,420  
right Brian you sure did indeed sir

875  
00:36:43,969 --> 00:36:49,279  
you're amazing I've been practicing

876  
00:36:46,420 --> 00:36:51,380  
practicing now we're catching up with

877  
00:36:49,280 --> 00:36:53,240  
you because it's always good to catch up

878  
00:36:51,380 --> 00:36:55,820  
with you and wow what a great interview

879  
00:36:53,239 --> 00:36:58,069  
on the skeptic zone a couple of weeks

880  
00:36:55,820 --> 00:37:00,080  
ago with may night you two had a great

881  
00:36:58,070 --> 00:37:03,010  
time oh isn't he always tons of fun I

882  
00:37:00,079 --> 00:37:07,219  
always loved talking to Maynard he is

883  
00:37:03,010 --> 00:37:09,380  
and but I'm catching up with you today

884

00:37:07,219 --> 00:37:12,109  
because the big news is that you've

885  
00:37:09,380 --> 00:37:14,840  
released another book tell us all about

886  
00:37:12,110 --> 00:37:19,190  
it Sceptile number five massacres

887  
00:37:14,840 --> 00:37:21,950  
monsters and miracles as as regular

888  
00:37:19,190 --> 00:37:24,920  
listeners to the sceptile cast might

889  
00:37:21,949 --> 00:37:28,489  
know about about about once a year I

890  
00:37:24,920 --> 00:37:32,360  
take the best 50 episodes and compile

891  
00:37:28,489 --> 00:37:34,159  
them into a book and the transcriptions

892  
00:37:32,360 --> 00:37:35,809  
they're adapted for print but they're

893  
00:37:34,159 --> 00:37:39,949  
there they follow the podcast very

894  
00:37:35,809 --> 00:37:43,429  
closely and this one is just all kinds

895  
00:37:39,949 --> 00:37:47,119  
of fun we've got two massacres a number

896  
00:37:43,429 --> 00:37:48,619  
of monsters and at least one miracle and

897  
00:37:47,119 --> 00:37:51,409  
all kinds of other great so you know the

898  
00:37:48,619 --> 00:37:53,719

one thing it's tough about podcasts is

899

00:37:51,409 --> 00:37:55,940

that a lot of people still don't really

900

00:37:53,719 --> 00:37:57,649

even know what they are and if you tell

901

00:37:55,940 --> 00:37:59,269

you know your neighbor or your mom or

902

00:37:57,650 --> 00:38:01,460

your friend or I listen to this great

903

00:37:59,269 --> 00:38:04,579

podcast more than likely they're going

904

00:38:01,460 --> 00:38:07,159

to say what the heck is a podcast and so

905

00:38:04,579 --> 00:38:09,619

the books have been especially important

906

00:38:07,159 --> 00:38:11,929

for my show as a way that a lot of

907

00:38:09,619 --> 00:38:14,029

people can share the content who don't

908

00:38:11,929 --> 00:38:16,759

otherwise know what a podcast is or know

909

00:38:14,030 --> 00:38:20,350

even how to listen to so the books are

910

00:38:16,760 --> 00:38:23,300

great I I li recommend them well like I

911

00:38:20,349 --> 00:38:26,389

have to agree I have to agree i gave my

912

00:38:23,300 --> 00:38:30,140

mother a present about a year or so ago

913  
00:38:26,389 --> 00:38:31,429  
of a three or four of your books and she

914  
00:38:30,139 --> 00:38:33,679  
loved them she thought they were

915  
00:38:31,429 --> 00:38:35,329  
fantastic because she's not the sort of

916  
00:38:33,679 --> 00:38:38,149  
person who would listen to a podcast so

917  
00:38:35,329 --> 00:38:40,909  
she enjoyed them immensely yeah yeah

918  
00:38:38,150 --> 00:38:43,300  
they're the end there since that since

919  
00:38:40,909 --> 00:38:45,318  
the chapters are all single subject and

920  
00:38:43,300 --> 00:38:48,048  
fairly brief

921  
00:38:45,318 --> 00:38:50,208  
they're also a great way to if you have

922  
00:38:48,048 --> 00:38:51,949  
a one particular issue that you know one

923  
00:38:50,208 --> 00:38:54,528  
of your friends is challenging you about

924  
00:38:51,949 --> 00:38:56,239  
whether it's you know who knows organic

925  
00:38:54,528 --> 00:38:58,248  
food whatever it is you can give them

926  
00:38:56,239 --> 00:39:01,278  
just the the chapter in the book and and

927  
00:38:58,248 --> 00:39:02,929  
and you're all you're all covered so

928  
00:39:01,278 --> 00:39:05,179  
that's fantastic it's the fifth book in

929  
00:39:02,929 --> 00:39:07,578  
this series and I imagined over six

930  
00:39:05,179 --> 00:39:09,288  
seven eight and ninth and on and on it

931  
00:39:07,579 --> 00:39:11,809  
will go because you have so many

932  
00:39:09,289 --> 00:39:13,249  
episodes what episodes ah how many

933  
00:39:11,809 --> 00:39:15,920  
episodes have skipped out of there being

934  
00:39:13,248 --> 00:39:19,548  
now let's see I believe we're on 392

935  
00:39:15,920 --> 00:39:21,229  
right so I keep trying to catch up to

936  
00:39:19,548 --> 00:39:23,358  
the skeptics guide to the universe they

937  
00:39:21,228 --> 00:39:26,899  
always seem to be about 30 episodes out

938  
00:39:23,358 --> 00:39:28,518  
of me and I don't I I think I'm catch I

939  
00:39:26,900 --> 00:39:30,979  
think I'm narrowing in on their on their

940  
00:39:28,518 --> 00:39:32,598  
lead though you could you just released

941

00:39:30,978 --> 00:39:34,548  
a couple of specials and then you can

942  
00:39:32,599 --> 00:39:36,769  
overtake them you know the longer we go

943  
00:39:34,548 --> 00:39:40,400  
the closer I get to them percentage-wise

944  
00:39:36,768 --> 00:39:42,708  
so instead of regarding it as an

945  
00:39:40,400 --> 00:39:44,479  
absolutely converging series i think i

946  
00:39:42,708 --> 00:39:47,958  
think of adventure alee i will actually

947  
00:39:44,478 --> 00:39:50,389  
reach them mmm mathematically incorrect

948  
00:39:47,958 --> 00:39:53,808  
isn't it an absolutely converging series

949  
00:39:50,389 --> 00:39:56,690  
would actually reach them if it did

950  
00:39:53,809 --> 00:39:59,209  
eventually yes somebody needs to fill us

951  
00:39:56,690 --> 00:40:00,889  
in or correct there are some pundits let

952  
00:39:59,208 --> 00:40:05,169  
the listen this ponder that one thank

953  
00:40:00,889 --> 00:40:08,538  
you no it's it's great news because our

954  
00:40:05,170 --> 00:40:10,548  
fantastic and easy to digest I mean if

955  
00:40:08,539 --> 00:40:12,170

you've got 10 minutes or something you

956

00:40:10,548 --> 00:40:13,940

can read a couple of chapters because

957

00:40:12,170 --> 00:40:16,068

they are very concise that's one of the

958

00:40:13,940 --> 00:40:17,838

great things about the podcast too and I

959

00:40:16,068 --> 00:40:23,358

write it about a fifth grade level so

960

00:40:17,838 --> 00:40:25,849

it's easy for anyone we had a hobby like

961

00:40:23,358 --> 00:40:28,909

me this this this book I did through a

962

00:40:25,849 --> 00:40:31,459

Kickstarter program because it's a it's

963

00:40:28,909 --> 00:40:32,989

a huge amount of time and labor to

964

00:40:31,458 --> 00:40:35,868

actually compile everything into a book

965

00:40:32,989 --> 00:40:40,278

and get it formatted and do the indexing

966

00:40:35,869 --> 00:40:42,229

and and and and everything and so it

967

00:40:40,278 --> 00:40:44,358

just in my schedule I just couldn't

968

00:40:42,228 --> 00:40:46,909

manage it unless unless there was a

969

00:40:44,358 --> 00:40:48,768

Kickstarter program and it went great it

970

00:40:46,909 --> 00:40:51,798

was it fully funded and it was

971

00:40:48,768 --> 00:40:53,899

successful so then what I had to do was

972

00:40:51,798 --> 00:40:55,489

get everything finished get at the book

973

00:40:53,900 --> 00:40:57,019

indexed and formatted and get it

974

00:40:55,489 --> 00:40:58,690

converted to ebooks and all that fun

975

00:40:57,018 --> 00:41:03,519

stuff and then

976

00:40:58,690 --> 00:41:07,150

we ordered the books they came pretty

977

00:41:03,519 --> 00:41:09,909

quickly in about a week or two just 20

978

00:41:07,150 --> 00:41:11,260

30 giant boxes of books it was a huge

979

00:41:09,909 --> 00:41:13,289

mess we had a whole bunch of people over

980

00:41:11,260 --> 00:41:15,550

here we had a boxing and shipping party

981

00:41:13,289 --> 00:41:19,210

labeling and posting the boxes and

982

00:41:15,550 --> 00:41:23,560

everything and then about 23 days later

983

00:41:19,210 --> 00:41:25,960

a car not a mail truck but a mail car

984  
00:41:23,559 --> 00:41:29,559  
came up to the house with one envelope

985  
00:41:25,960 --> 00:41:31,150  
in one book or one box and said here

986  
00:41:29,559 --> 00:41:32,409  
we've got a whole bunch of these you

987  
00:41:31,150 --> 00:41:34,269  
guys need to come back to the post

988  
00:41:32,409 --> 00:41:38,980  
office and pick them up because the

989  
00:41:34,269 --> 00:41:41,980  
customs forms weren't correct so we had

990  
00:41:38,980 --> 00:41:44,619  
to go and collect three giant postal

991  
00:41:41,980 --> 00:41:46,659  
Ben's worth of these little book size

992  
00:41:44,619 --> 00:41:48,760  
boxes and bring them back to the house

993  
00:41:46,659 --> 00:41:50,649  
and here about a week and a half later

994  
00:41:48,760 --> 00:41:53,410  
we're still going through and manually

995  
00:41:50,650 --> 00:41:54,910  
handwriting these customs forms so if

996  
00:41:53,409 --> 00:41:57,489  
anyone out there is listening right now

997  
00:41:54,909 --> 00:41:59,108  
and did order some books through the

998

00:41:57,489 --> 00:42:02,078  
Kickstarter program and haven't gotten

999  
00:41:59,108 --> 00:42:04,960  
them yet that's why they're on the floor

1000  
00:42:02,079 --> 00:42:06,940  
in my family room as the piles gradually

1001  
00:42:04,960 --> 00:42:08,980  
getting smaller and smaller writing

1002  
00:42:06,940 --> 00:42:10,690  
these customs Forbes so even though the

1003  
00:42:08,980 --> 00:42:11,679  
Kickstarter program was successful it's

1004  
00:42:10,690 --> 00:42:14,829  
going to end up being one of those

1005  
00:42:11,679 --> 00:42:17,669  
projects that was the lowest dollar per

1006  
00:42:14,829 --> 00:42:20,470  
hour project I ever worked on in my life

1007  
00:42:17,670 --> 00:42:22,000  
well I'm sure the people out there who

1008  
00:42:20,469 --> 00:42:24,399  
were involved in kickstarter will

1009  
00:42:22,000 --> 00:42:27,280  
appreciate the fact that you put so much

1010  
00:42:24,400 --> 00:42:28,869  
effort into this and maybe a little bit

1011  
00:42:27,280 --> 00:42:30,130  
of unexpected effort as well but i'm

1012  
00:42:28,869 --> 00:42:32,950

sure they're looking forward to getting

1013

00:42:30,130 --> 00:42:34,450

those books i ah well better be they

1014

00:42:32,949 --> 00:42:36,759

damn well better be I've had a sneak

1015

00:42:34,449 --> 00:42:38,469

peek of the e-book myself and it's look

1016

00:42:36,760 --> 00:42:41,099

it works really well as an e-book looks

1017

00:42:38,469 --> 00:42:43,449

great who wrote the foreword this time

1018

00:42:41,099 --> 00:42:45,309

you know the forward actually was

1019

00:42:43,449 --> 00:42:48,750

written by a gentleman named Ron Hayden

1020

00:42:45,309 --> 00:42:53,710

he works in the tech sector up in

1021

00:42:48,750 --> 00:42:56,349

Silicon Valley and I actually put a

1022

00:42:53,710 --> 00:42:59,679

Kickstarter reward out there and let

1023

00:42:56,349 --> 00:43:02,619

kind of somebody anyone who wanted to

1024

00:42:59,679 --> 00:43:04,868

grab the the gold ring as they put it on

1025

00:43:02,619 --> 00:43:06,789

of the largest donation amounts would

1026

00:43:04,869 --> 00:43:10,000

get to write the forward and I was

1027  
00:43:06,789 --> 00:43:11,259  
extremely gratified that that he did

1028  
00:43:10,000 --> 00:43:12,369  
that he's been he's been a great

1029  
00:43:11,260 --> 00:43:15,380  
supporter of the

1030  
00:43:12,369 --> 00:43:17,839  
since its inception and I was I was

1031  
00:43:15,380 --> 00:43:19,430  
really thrilled to have Ron write the

1032  
00:43:17,840 --> 00:43:21,820  
foreword for the book and he did a great

1033  
00:43:19,429 --> 00:43:24,769  
job to its it's really a neat forward

1034  
00:43:21,820 --> 00:43:26,450  
it's all good news brian there you are

1035  
00:43:24,769 --> 00:43:28,159  
listeners it's it's the new book from

1036  
00:43:26,449 --> 00:43:30,230  
brian dunning if you love the podcast

1037  
00:43:28,159 --> 00:43:31,849  
you'll love the books Brian how can

1038  
00:43:30,230 --> 00:43:35,269  
people get their hands on their very own

1039  
00:43:31,849 --> 00:43:36,949  
copy well it's actually available in all

1040  
00:43:35,269 --> 00:43:40,039  
countries right now it should be

1041  
00:43:36,949 --> 00:43:42,529  
available in all countries on amazon if

1042  
00:43:40,039 --> 00:43:45,199  
you can always go to sceptile calm and

1043  
00:43:42,530 --> 00:43:46,700  
click on books and there's links to all

1044  
00:43:45,199 --> 00:43:49,039  
the places you can buy it online and

1045  
00:43:46,699 --> 00:43:50,449  
it's available in all ebook formats for

1046  
00:43:49,039 --> 00:43:55,039  
only five dollars so it's a great

1047  
00:43:50,449 --> 00:43:57,109  
bargain for ibooks kindled nooks what

1048  
00:43:55,039 --> 00:43:59,300  
have you just search for sceptile and

1049  
00:43:57,110 --> 00:44:02,210  
you'll find it on pretty much any online

1050  
00:43:59,300 --> 00:44:03,769  
store of your choice good news that's

1051  
00:44:02,210 --> 00:44:07,039  
great news and Brian oh there any more

1052  
00:44:03,769 --> 00:44:09,889  
Australian themed skip do it yeah I

1053  
00:44:07,039 --> 00:44:13,429  
actually spoke on a radio show a couple

1054  
00:44:09,889 --> 00:44:15,319  
of days ago from Arizona and they wanted

1055

00:44:13,429 --> 00:44:19,429  
to talk about all of my Arizona themed

1056  
00:44:15,320 --> 00:44:21,170  
podcast the last so yea though I guess

1057  
00:44:19,429 --> 00:44:26,179  
Frederick villain touch was the most

1058  
00:44:21,170 --> 00:44:28,490  
recent Australian themed show and did we

1059  
00:44:26,179 --> 00:44:31,159  
solve that mystery I don't know I think

1060  
00:44:28,489 --> 00:44:33,109  
I i I'd like to think you did I think we

1061  
00:44:31,159 --> 00:44:35,779  
did to my satisfaction the whole thing

1062  
00:44:33,110 --> 00:44:38,360  
so the other mystery is of course is who

1063  
00:44:35,780 --> 00:44:41,660  
who did the voice of Valenti sioned and

1064  
00:44:38,360 --> 00:44:44,450  
the Melbourne base but will let

1065  
00:44:41,659 --> 00:44:45,649  
listeners pond of that that was it well

1066  
00:44:44,449 --> 00:44:49,219  
you know I don't do a very good

1067  
00:44:45,650 --> 00:44:54,320  
Australian accent I tried I did my best

1068  
00:44:49,219 --> 00:44:57,739  
Steve Irwin crikey um nobody bought it

1069  
00:44:54,320 --> 00:45:00,380

so i did i did find myself a token

1070

00:44:57,739 --> 00:45:02,599

australian to talk more about that boys

1071

00:45:00,380 --> 00:45:08,119

I'm sure he's still waiting for his

1072

00:45:02,599 --> 00:45:11,239

check what's your daddy you decide you

1073

00:45:08,119 --> 00:45:14,299

decide brian dunning all the way from

1074

00:45:11,239 --> 00:45:16,279

California working hard on the next

1075

00:45:14,300 --> 00:45:18,650

episode of skipped I'd thanks very much

1076

00:45:16,280 --> 00:45:22,210

and we look forward to reading the book

1077

00:45:18,650 --> 00:45:22,210

thanks Richard always a pleasure

1078

00:45:37,690 --> 00:45:41,929

astronomy cast takes a fact space

1079

00:45:40,039 --> 00:45:43,820

journey through the cosmos as it offers

1080

00:45:41,929 --> 00:45:46,489

listeners weekly discussions on

1081

00:45:43,820 --> 00:45:49,430

astronomical topics ranging from planets

1082

00:45:46,489 --> 00:45:51,859

to cosmology hosted by Fraser Cain of

1083

00:45:49,429 --> 00:45:52,730

Universe Today and myself dr. Pamela gay

1084  
00:45:51,860 --> 00:45:55,400  
of southern illinois university

1085  
00:45:52,730 --> 00:45:57,260  
edwardsville this show brings the

1086  
00:45:55,400 --> 00:45:59,720  
questions of an avid astronomy lover

1087  
00:45:57,260 --> 00:46:01,790  
directly to an astronomer together

1088  
00:45:59,719 --> 00:46:03,349  
Fraser and I explore what is known and

1089  
00:46:01,789 --> 00:46:06,079  
being discovered about the universe

1090  
00:46:03,349 --> 00:46:08,179  
around us join us each week as we take a

1091  
00:46:06,079 --> 00:46:23,090  
fax space journey through the cosmos at

1092  
00:46:08,179 --> 00:46:25,460  
astronomy cast calm a couple of nights

1093  
00:46:23,090 --> 00:46:27,769  
ago I was on a program in Australia here

1094  
00:46:25,460 --> 00:46:30,579  
called the project while they use very

1095  
00:46:27,769 --> 00:46:34,460  
brief clips of me this story was about

1096  
00:46:30,579 --> 00:46:39,710  
witches and witchcraft in Australia and

1097  
00:46:34,460 --> 00:46:43,900  
the two points I made sort of randomly

1098  
00:46:39,710 --> 00:46:46,210  
thrown into the story were that if

1099  
00:46:43,900 --> 00:46:49,519  
someone is claiming that they can use

1100  
00:46:46,210 --> 00:46:50,809  
day at he's in order to cast spells and

1101  
00:46:49,519 --> 00:46:52,429  
I would think that would be up there

1102  
00:46:50,809 --> 00:46:55,250  
with unicorns and the other point I made

1103  
00:46:52,429 --> 00:46:58,250  
is if any witch out there could use

1104  
00:46:55,250 --> 00:47:02,480  
magic spells or could prove they use

1105  
00:46:58,250 --> 00:47:05,809  
magic spells they would be in line for

1106  
00:47:02,480 --> 00:47:07,940  
our \$100,000 prize of course I stand by

1107  
00:47:05,809 --> 00:47:09,799  
both statements I don't think for one

1108  
00:47:07,940 --> 00:47:13,070  
moment there are deities hiding around

1109  
00:47:09,800 --> 00:47:15,890  
in rocks and streams and rivers and

1110  
00:47:13,070 --> 00:47:20,390  
trees that can be used in any fashion to

1111  
00:47:15,889 --> 00:47:22,489  
do something but if I am wrong of course

1112

00:47:20,389 --> 00:47:25,639  
or if somebody calling themselves

1113  
00:47:22,489 --> 00:47:28,309  
whatever they they want can use magic to

1114  
00:47:25,639 --> 00:47:32,299  
cast a spell then yes that would qualify

1115  
00:47:28,309 --> 00:47:35,000  
for the \$100,000 prize I have since been

1116  
00:47:32,300 --> 00:47:37,630  
schooled on Facebook that in fact

1117  
00:47:35,000 --> 00:47:41,440  
modern witches do not claim to use

1118  
00:47:37,630 --> 00:47:43,880  
supernatural or paranormal abilities and

1119  
00:47:41,440 --> 00:47:47,470  
casting a spell is somewhat more mundane

1120  
00:47:43,880 --> 00:47:50,930  
than we might have thought it's more a

1121  
00:47:47,469 --> 00:47:55,579  
psychological process be that as it may

1122  
00:47:50,929 --> 00:47:59,329  
the two statements stand if someone can

1123  
00:47:55,579 --> 00:48:02,059  
use magic when powers and i would say

1124  
00:47:59,329 --> 00:48:04,849  
suggest that magic powers is by

1125  
00:48:02,059 --> 00:48:07,730  
definition something beyond the known

1126  
00:48:04,849 --> 00:48:09,349

laws of physics then of course that

1127

00:48:07,730 --> 00:48:12,050

qualifies for our prize which got me

1128

00:48:09,349 --> 00:48:14,929

thinking about the Australian skeptics

1129

00:48:12,050 --> 00:48:18,980

\$100,000 prize if you're interested in

1130

00:48:14,929 --> 00:48:23,719

applying are the money is there and this

1131

00:48:18,980 --> 00:48:29,090

is from our webpage at [www.XCOM.au/](http://www.XCOM.au/)

1132

00:48:23,719 --> 00:48:32,899

features / prize with my added

1133

00:48:29,090 --> 00:48:35,570

commentary the \$100,000 prize do you

1134

00:48:32,900 --> 00:48:39,170

have psychic or paranormal powers we

1135

00:48:35,570 --> 00:48:43,220

don't mean illusion or trickery as stage

1136

00:48:39,170 --> 00:48:47,440

magic we mean things like extra sensory

1137

00:48:43,219 --> 00:48:49,759

perception telepathy telekinesis Reiki

1138

00:48:47,440 --> 00:48:52,450

divining for water or materials

1139

00:48:49,760 --> 00:48:56,330

clairvoyance and predicting the future

1140

00:48:52,449 --> 00:48:59,029

now here's my first note that also

1141  
00:48:56,329 --> 00:49:03,079  
applies to people who claim that they

1142  
00:48:59,030 --> 00:49:05,750  
can do things using energies as yet

1143  
00:49:03,079 --> 00:49:08,719  
unknown to science that's why Reiki is

1144  
00:49:05,750 --> 00:49:10,789  
in there now you might call Reiki

1145  
00:49:08,719 --> 00:49:13,369  
paranormal or supernatural or you may

1146  
00:49:10,789 --> 00:49:16,039  
choose to say no that's using a natural

1147  
00:49:13,369 --> 00:49:22,039  
energy to us that's not so important the

1148  
00:49:16,039 --> 00:49:25,309  
point is as far as we know Reiki has yet

1149  
00:49:22,039 --> 00:49:27,289  
to be proven to be real so that's why

1150  
00:49:25,309 --> 00:49:30,980  
that's sort of in the list and that's

1151  
00:49:27,289 --> 00:49:32,630  
why we don't dogged Lee stick to some

1152  
00:49:30,980 --> 00:49:35,150  
definition of paranormal or supernatural

1153  
00:49:32,630 --> 00:49:36,519  
if it's something beyond the known laws

1154  
00:49:35,150 --> 00:49:41,389  
of physics which you can demonstrate

1155  
00:49:36,519 --> 00:49:44,480  
then please step up the page goes on

1156  
00:49:41,389 --> 00:49:47,029  
skeptics challenge since 1980 Australian

1157  
00:49:44,480 --> 00:49:48,619  
skeptics has issued a challenge to

1158  
00:49:47,030 --> 00:49:51,080  
people who claim to have extra

1159  
00:49:48,619 --> 00:49:53,929  
my powers to demonstrate their ability

1160  
00:49:51,079 --> 00:49:55,940  
under proper observing conditions the

1161  
00:49:53,929 --> 00:49:58,099  
first person to do so shall receive a

1162  
00:49:55,940 --> 00:50:00,650  
great deal of recognition and prestige

1163  
00:49:58,099 --> 00:50:03,289  
as well as meeting the requirements for

1164  
00:50:00,650 --> 00:50:07,070  
the awarding of the one hundred thousand

1165  
00:50:03,289 --> 00:50:09,110  
dollars now another note here sometimes

1166  
00:50:07,070 --> 00:50:12,140  
people say are we don't want to take

1167  
00:50:09,110 --> 00:50:13,460  
your challenge because we don't want all

1168  
00:50:12,139 --> 00:50:16,819  
the publicity we don't want people to

1169

00:50:13,460 --> 00:50:18,769  
know we're psychic or words that effect

1170  
00:50:16,820 --> 00:50:19,750  
which is a bit strange sometimes because

1171  
00:50:18,769 --> 00:50:22,610  
there are a lot of people out there

1172  
00:50:19,750 --> 00:50:25,369  
trumpeting the fact that they have

1173  
00:50:22,610 --> 00:50:27,519  
special magical paranormal abilities and

1174  
00:50:25,369 --> 00:50:30,500  
powers and putting ads in newspapers and

1175  
00:50:27,519 --> 00:50:31,699  
boasting about it so some of these

1176  
00:50:30,500 --> 00:50:34,730  
people don't like to keep their light

1177  
00:50:31,699 --> 00:50:36,349  
under a bushel it goes on we make this

1178  
00:50:34,730 --> 00:50:38,539  
offer because we are sincere about

1179  
00:50:36,349 --> 00:50:41,839  
seeking up the truth of claims that

1180  
00:50:38,539 --> 00:50:46,099  
might be described as paranormal or that

1181  
00:50:41,840 --> 00:50:48,860  
confront accepted laws of science this

1182  
00:50:46,099 --> 00:50:50,929  
is absolutely true I'd like to know if

1183  
00:50:48,860 --> 00:50:53,539

there's something out there that science

1184

00:50:50,929 --> 00:50:56,379

is here to discover we see many such

1185

00:50:53,539 --> 00:50:58,820

claims made by profess psychics peerless

1186

00:50:56,380 --> 00:51:01,280

witnesses to paranormal events and those

1187

00:50:58,820 --> 00:51:04,970

selling devices which do the apparently

1188

00:51:01,280 --> 00:51:09,080

improbable or even impossible ie defy

1189

00:51:04,969 --> 00:51:12,139

scientific laws if there really is a way

1190

00:51:09,079 --> 00:51:14,299

to generate free energy or read minds or

1191

00:51:12,139 --> 00:51:17,599

to communicate with extraterrestrials or

1192

00:51:14,300 --> 00:51:20,650

to tell the future we want to tell the

1193

00:51:17,599 --> 00:51:24,110

world and in our own way give the

1194

00:51:20,650 --> 00:51:27,800

claimant proper recognition now one in

1195

00:51:24,110 --> 00:51:32,120

there about contacting extraterrestrials

1196

00:51:27,800 --> 00:51:33,230

is interesting I I would say that if

1197

00:51:32,119 --> 00:51:35,319

somebody figured out a way to

1198  
00:51:33,230 --> 00:51:39,769  
communicate with extraterrestrials

1199  
00:51:35,320 --> 00:51:41,330  
unless it was using telepathy that may

1200  
00:51:39,769 --> 00:51:45,289  
not qualify I'm not sure about that one

1201  
00:51:41,329 --> 00:51:47,929  
because the claim of extraterrestrials

1202  
00:51:45,289 --> 00:51:50,420  
is not actually a paranormal claim it's

1203  
00:51:47,929 --> 00:51:51,500  
quite possible that there are aliens and

1204  
00:51:50,420 --> 00:51:53,030  
other planets and it's quite possible

1205  
00:51:51,500 --> 00:51:56,539  
they're visiting earth I just think it's

1206  
00:51:53,030 --> 00:51:57,769  
very unlikely if they do if one pops

1207  
00:51:56,539 --> 00:51:59,659  
down tomorrow then that's not a

1208  
00:51:57,769 --> 00:52:02,309  
paranormal or supernatural claim that

1209  
00:51:59,659 --> 00:52:05,889  
simply part of the natural

1210  
00:52:02,309 --> 00:52:08,259  
universe we live in I'm not holding my

1211  
00:52:05,889 --> 00:52:10,389  
breath for that at the moment though it

1212  
00:52:08,260 --> 00:52:13,150  
goes on on the other hand if a claim is

1213  
00:52:10,389 --> 00:52:14,859  
proved to be unfounded or fraudulent we

1214  
00:52:13,150 --> 00:52:17,860  
reserve the right to expose this

1215  
00:52:14,860 --> 00:52:19,510  
situation so that clients do not waste

1216  
00:52:17,860 --> 00:52:21,880  
their money and time on a product or

1217  
00:52:19,510 --> 00:52:25,090  
service that fails and can only ever

1218  
00:52:21,880 --> 00:52:28,390  
fail to deliver what is claimed for it

1219  
00:52:25,090 --> 00:52:31,720  
now this I think is really aimed at

1220  
00:52:28,389 --> 00:52:34,420  
people who are insincere they were

1221  
00:52:31,719 --> 00:52:37,239  
duping the public who are out to make a

1222  
00:52:34,420 --> 00:52:41,590  
buck based on what they know is a fake

1223  
00:52:37,239 --> 00:52:43,500  
false premise ah it's not aimed at

1224  
00:52:41,590 --> 00:52:47,230  
people who are sincere i would suggest

1225  
00:52:43,500 --> 00:52:51,219  
we're not out too really democrat

1226

00:52:47,230 --> 00:52:53,170  
sincere people in either case we think

1227  
00:52:51,219 --> 00:52:55,989  
the public deserves to have the right to

1228  
00:52:53,170 --> 00:52:58,360  
know the truth consequently the skeptics

1229  
00:52:55,989 --> 00:53:01,209  
challenge is a genuine and serious

1230  
00:52:58,360 --> 00:53:03,250  
undertaking and the \$100,000 prize is a

1231  
00:53:01,210 --> 00:53:07,659  
genuine offer this is absolutely true

1232  
00:53:03,250 --> 00:53:08,920  
one of the amongst the myriad of excuses

1233  
00:53:07,659 --> 00:53:11,319  
we get why people don't want to take the

1234  
00:53:08,920 --> 00:53:12,880  
challenge is it's not genuine the

1235  
00:53:11,320 --> 00:53:14,500  
skeptics really don't have the money and

1236  
00:53:12,880 --> 00:53:19,030  
we're just out to make false of people

1237  
00:53:14,500 --> 00:53:20,800  
well the money is really there if it's

1238  
00:53:19,030 --> 00:53:23,830  
not if you if you don't think it's there

1239  
00:53:20,800 --> 00:53:27,550  
if you think where out to where lying or

1240  
00:53:23,829 --> 00:53:30,309

something then exposes please do it goes

1241  
00:53:27,550 --> 00:53:31,990  
on what do you have to do naturally for

1242  
00:53:30,309 --> 00:53:34,389  
this amount of money there are a few

1243  
00:53:31,989 --> 00:53:36,309  
rules and conditions which apply if you

1244  
00:53:34,389 --> 00:53:40,179  
wish to try for the challenge you should

1245  
00:53:36,309 --> 00:53:42,670  
contact us for full details briefly this

1246  
00:53:40,179 --> 00:53:45,699  
is what you have to do you first apply

1247  
00:53:42,670 --> 00:53:49,030  
in writing telling us the following very

1248  
00:53:45,699 --> 00:53:52,869  
clearly and concisely one what exactly

1249  
00:53:49,030 --> 00:53:54,900  
is your paranormal claim to under what

1250  
00:53:52,869 --> 00:53:57,809  
conditions can you perform your claim

1251  
00:53:54,900 --> 00:54:01,780  
three what success rate do you expect

1252  
00:53:57,809 --> 00:54:05,259  
then and only then can we begin to

1253  
00:54:01,780 --> 00:54:08,410  
design a test one that is in accord with

1254  
00:54:05,260 --> 00:54:10,660  
your claims now I'll take a moment here

1255  
00:54:08,409 --> 00:54:14,710  
to explain that we get bizarrely

1256  
00:54:10,659 --> 00:54:15,789  
repeatedly people saying to us all the

1257  
00:54:14,710 --> 00:54:18,789  
skeptics prize

1258  
00:54:15,789 --> 00:54:21,789  
is rigged or it's it's never done to the

1259  
00:54:18,789 --> 00:54:25,029  
person's claim door trying to indicate

1260  
00:54:21,789 --> 00:54:27,880  
that we're not sincere where is this has

1261  
00:54:25,030 --> 00:54:31,450  
been in writing on our webpage for years

1262  
00:54:27,880 --> 00:54:36,490  
and years and years that the tests are

1263  
00:54:31,449 --> 00:54:39,789  
designed with the help of the claimant

1264  
00:54:36,489 --> 00:54:42,219  
and they're designed based upon the

1265  
00:54:39,789 --> 00:54:45,969  
claims the claimant is making so if

1266  
00:54:42,219 --> 00:54:47,980  
someone says they can divine for water

1267  
00:54:45,969 --> 00:54:50,769  
we won't test them for clairvoyants it's

1268  
00:54:47,980 --> 00:54:53,139  
the wrong claim I can't state that

1269  
00:54:50,769 --> 00:54:55,619  
enough it's it's an old chestnut and

1270  
00:54:53,139 --> 00:54:58,239  
people keep repeating it that goes on

1271  
00:54:55,619 --> 00:55:00,909  
representatives from Australian skeptics

1272  
00:54:58,239 --> 00:55:03,849  
will work with you to define a suitable

1273  
00:55:00,909 --> 00:55:07,329  
and mutually agreed test procedure and

1274  
00:55:03,849 --> 00:55:10,750  
to select an independent umpire again I

1275  
00:55:07,329 --> 00:55:13,929  
mean this independent umpire it's so

1276  
00:55:10,750 --> 00:55:16,659  
somebody can keep an eye on us and on

1277  
00:55:13,929 --> 00:55:19,690  
the claimant and make sure everything is

1278  
00:55:16,659 --> 00:55:22,239  
aboveboard and fair the test will be run

1279  
00:55:19,690 --> 00:55:23,980  
by an approved panel of officers of

1280  
00:55:22,239 --> 00:55:26,979  
Australian skeptics if you are

1281  
00:55:23,980 --> 00:55:29,260  
successful you will be awarded a hundred

1282  
00:55:26,980 --> 00:55:31,780  
thousand dollars the results of this

1283

00:55:29,260 --> 00:55:34,000  
test whether successful or not will be

1284  
00:55:31,780 --> 00:55:36,430  
published in the skeptic the magazine of

1285  
00:55:34,000 --> 00:55:39,989  
Australian skeptics the news media may

1286  
00:55:36,429 --> 00:55:42,759  
also be invited to witness any tests

1287  
00:55:39,989 --> 00:55:45,429  
notes on the challenge Australian

1288  
00:55:42,760 --> 00:55:47,740  
skeptics is a nonprofit organization so

1289  
00:55:45,429 --> 00:55:50,699  
any costs involved have to be borne by

1290  
00:55:47,739 --> 00:55:55,779  
the applicant unless we agree to other

1291  
00:55:50,699 --> 00:55:58,299  
arrangement and note on this I look if

1292  
00:55:55,780 --> 00:56:00,340  
somebody can do their claim if they can

1293  
00:55:58,300 --> 00:56:03,970  
really read the mind or talk to the dead

1294  
00:56:00,340 --> 00:56:05,829  
or whatever is they want to do then the

1295  
00:56:03,969 --> 00:56:07,419  
small cost it might cost them in setting

1296  
00:56:05,829 --> 00:56:09,549  
up a test or flying to see us or

1297  
00:56:07,420 --> 00:56:11,680

whatever the case may be will be repaid

1298

00:56:09,550 --> 00:56:15,930

many times over when they win the 100

1299

00:56:11,679 --> 00:56:18,879

thousand dollar prize we can't really

1300

00:56:15,929 --> 00:56:21,219

foot the bill for all these tests simply

1301

00:56:18,880 --> 00:56:23,619

because we'd go broke very quickly

1302

00:56:21,219 --> 00:56:25,089

someone would say oh I can divine for

1303

00:56:23,619 --> 00:56:28,000

water but you need to dig up my farm

1304

00:56:25,090 --> 00:56:28,858

here's the bill for ten thousand dollars

1305

00:56:28,000 --> 00:56:31,199

for the

1306

00:56:28,858 --> 00:56:33,268

etc or whatever the case may be we

1307

00:56:31,199 --> 00:56:36,989

simply don't have the funds to fork out

1308

00:56:33,268 --> 00:56:38,639

for every claimants demands that come

1309

00:56:36,989 --> 00:56:41,630

along it just doesn't work that way but

1310

00:56:38,639 --> 00:56:44,818

as I said if you can really do it then

1311

00:56:41,630 --> 00:56:46,920

the small amount of money you have to

1312  
00:56:44,818 --> 00:56:48,329  
cough up or even if it's a couple of

1313  
00:56:46,920 --> 00:56:50,338  
thousand dollars i mean that will be

1314  
00:56:48,329 --> 00:56:53,278  
rewarded to you will return to you many

1315  
00:56:50,338 --> 00:56:54,838  
times when you win if you'd like to

1316  
00:56:53,278 --> 00:56:56,789  
receive more information about the

1317  
00:56:54,838 --> 00:56:58,920  
challenge please send an email to the

1318  
00:56:56,789 --> 00:57:01,109  
challenge coordinator and that's our

1319  
00:56:58,920 --> 00:57:03,180  
link on the website or contact your

1320  
00:57:01,108 --> 00:57:06,328  
local branch and you can see a list of

1321  
00:57:03,179 --> 00:57:08,190  
local branches on the website each test

1322  
00:57:06,329 --> 00:57:10,710  
is tailored for the individual

1323  
00:57:08,190 --> 00:57:12,509  
challenger there it states it again if

1324  
00:57:10,710 --> 00:57:15,239  
it wasn't clear enough before it states

1325  
00:57:12,509 --> 00:57:17,190  
it again each test is tailored for the

1326  
00:57:15,239 --> 00:57:20,369  
individual Challenger the Challenger

1327  
00:57:17,190 --> 00:57:24,179  
must assist with the design of the test

1328  
00:57:20,369 --> 00:57:28,890  
in order that their specific ability is

1329  
00:57:24,179 --> 00:57:30,659  
properly tested the rules are simple so

1330  
00:57:28,889 --> 00:57:33,960  
we can't state it more clearly than that

1331  
00:57:30,659 --> 00:57:35,719  
here are some of the rules of course

1332  
00:57:33,960 --> 00:57:39,599  
these are all up for negotiation

1333  
00:57:35,719 --> 00:57:43,048  
somewhat when we come to designing the

1334  
00:57:39,599 --> 00:57:45,568  
test the test protocol is designed with

1335  
00:57:43,048 --> 00:57:49,858  
the help of the Challenger and within

1336  
00:57:45,568 --> 00:57:51,268  
the controls is flexible only when both

1337  
00:57:49,858 --> 00:57:53,788  
the Australian skeptics and the

1338  
00:57:51,268 --> 00:57:55,949  
challenge are satisfied that the test is

1339  
00:57:53,789 --> 00:57:59,009  
within the guidelines and can be

1340

00:57:55,949 --> 00:58:01,739  
successfully completed does the test go

1341  
00:57:59,009 --> 00:58:04,108  
ahead during the test and independent

1342  
00:58:01,739 --> 00:58:06,749  
umpire is on hand to ensure the protocol

1343  
00:58:04,108 --> 00:58:09,538  
is followed this is a person agreeable

1344  
00:58:06,748 --> 00:58:11,998  
both to the Challenger and to the

1345  
00:58:09,539 --> 00:58:14,609  
skeptics the Challenger must beat

1346  
00:58:11,998 --> 00:58:16,498  
million-to-one odds against a chance

1347  
00:58:14,608 --> 00:58:17,759  
result now this is interesting some

1348  
00:58:16,498 --> 00:58:19,818  
people have come back to us and said oh

1349  
00:58:17,759 --> 00:58:23,009  
that's just ridiculous a million to one

1350  
00:58:19,818 --> 00:58:28,440  
well you can think of it this way if you

1351  
00:58:23,009 --> 00:58:30,449  
can really do the claimed feat ability

1352  
00:58:28,440 --> 00:58:35,130  
then a million to one is meaningless

1353  
00:58:30,449 --> 00:58:37,679  
it's it's it's easy for example if

1354  
00:58:35,130 --> 00:58:40,410

someone sits down to play the piano say

1355

00:58:37,679 --> 00:58:41,940

mary had a little lamb by the time they

1356

00:58:40,409 --> 00:58:42,569

finish playing mary had a little lamb

1357

00:58:41,940 --> 00:58:46,500

they had

1358

00:58:42,570 --> 00:58:48,809

beaten odds of billions to one because

1359

00:58:46,500 --> 00:58:51,659

if you just sit down a piano and hit

1360

00:58:48,809 --> 00:58:53,610

random notes the chances of you getting

1361

00:58:51,659 --> 00:58:56,099

mary had a little lamb are literally

1362

00:58:53,610 --> 00:58:58,769

billions to one the same on a keyboard

1363

00:58:56,099 --> 00:59:00,569

if you type hello and welcome to the

1364

00:58:58,769 --> 00:59:03,440

skeptics are on a keyboard you've beaten

1365

00:59:00,570 --> 00:59:07,710

odds which are probably millions to one

1366

00:59:03,440 --> 00:59:09,630

so if you can really do your acclaimed

1367

00:59:07,710 --> 00:59:11,760

ability of course you can beat

1368

00:59:09,630 --> 00:59:13,950

million-to-one odds that's what people

1369  
00:59:11,760 --> 00:59:17,640  
do all the time when they can really do

1370  
00:59:13,949 --> 00:59:20,599  
something again this million to one is a

1371  
00:59:17,639 --> 00:59:24,059  
guideline it depends on the person's

1372  
00:59:20,599 --> 00:59:27,900  
claim the test must give a definite yes

1373  
00:59:24,059 --> 00:59:32,070  
or no result that means we try to remove

1374  
00:59:27,900 --> 00:59:33,450  
any gray area for both parties sake in

1375  
00:59:32,070 --> 00:59:35,880  
other words we don't want the skeptics

1376  
00:59:33,449 --> 00:59:37,079  
to say well you nearly got it but that's

1377  
00:59:35,880 --> 00:59:38,610  
not good enough sorry we're going to

1378  
00:59:37,079 --> 00:59:40,079  
fail you and we don't want the challenge

1379  
00:59:38,610 --> 00:59:42,599  
to say well I nearly got it and that's

1380  
00:59:40,079 --> 00:59:45,480  
good enough so that's a pass it has to

1381  
00:59:42,599 --> 00:59:47,759  
be very clear on in each run of the test

1382  
00:59:45,480 --> 00:59:49,769  
with that's how the test works that

1383  
00:59:47,760 --> 00:59:51,660  
oliva passes or fails it's a yes or no

1384  
00:59:49,769 --> 00:59:55,230  
and there's no wiggle worm for the

1385  
00:59:51,659 --> 00:59:57,210  
skeptics all the Challenger if the

1386  
00:59:55,230 --> 00:59:59,789  
Challenger is found to be cheating the

1387  
00:59:57,210 --> 01:00:02,039  
test is terminated and I daresay if the

1388  
00:59:59,789 --> 01:00:03,480  
independent umpire found the skeptics to

1389  
01:00:02,039 --> 01:00:06,150  
be cheating the test would also be

1390  
01:00:03,480 --> 01:00:08,490  
terminated following a successful test

1391  
01:00:06,150 --> 01:00:12,450  
the prize will be paid to the Challenger

1392  
01:00:08,489 --> 01:00:16,169  
and or any person or organization you

1393  
01:00:12,449 --> 01:00:18,059  
may nominate in other words if you want

1394  
01:00:16,170 --> 01:00:20,010  
us to keep the money we will if you want

1395  
01:00:18,059 --> 01:00:21,539  
us to give the money to the eye hospital

1396  
01:00:20,010 --> 01:00:24,210  
we will ought to the cat Protection

1397

01:00:21,539 --> 01:00:27,090  
Society or to your mother or whoever and

1398  
01:00:24,210 --> 01:00:29,490  
that is illustrated in the next point

1399  
01:00:27,090 --> 01:00:31,740  
which says the prize may be distributed

1400  
01:00:29,489 --> 01:00:34,649  
in any way the successful challenges

1401  
01:00:31,739 --> 01:00:37,139  
sees fit to a trust charity or some

1402  
01:00:34,650 --> 01:00:38,789  
other person there is no need for the

1403  
01:00:37,139 --> 01:00:43,349  
Challenger to come into contact with the

1404  
01:00:38,789 --> 01:00:45,269  
money at all if he or she so chooses the

1405  
01:00:43,349 --> 01:00:47,039  
money is offered in the genuine hope

1406  
01:00:45,269 --> 01:00:48,420  
that we are able to advance the

1407  
01:00:47,039 --> 01:00:49,139  
investigation the claims of the

1408  
01:00:48,420 --> 01:00:51,278  
paranormal

1409  
01:00:49,139 --> 01:00:53,710  
Australian skeptics does not seek to

1410  
01:00:51,278 --> 01:00:57,099  
embarrass all ridicule anyone now

1411  
01:00:53,710 --> 01:00:59,349

another quick point that you would find

1412

01:00:57,099 --> 01:01:01,930

out when you begin the process is that

1413

01:00:59,349 --> 01:01:03,278

there are it's a two-stage process and

1414

01:01:01,929 --> 01:01:06,098

this is the same with a James Randi

1415

01:01:03,278 --> 01:01:09,190

Educational Foundation to we have at a

1416

01:01:06,099 --> 01:01:14,230

preliminary test which is more relaxed

1417

01:01:09,190 --> 01:01:17,409

and more informal in which we invite the

1418

01:01:14,230 --> 01:01:20,369

applicant to demonstrate and it can be

1419

01:01:17,409 --> 01:01:24,210

in front of a independent umpire to

1420

01:01:20,369 --> 01:01:27,730

demonstrate to us the claim the ability

1421

01:01:24,210 --> 01:01:30,400

if they can do that to the satisfaction

1422

01:01:27,730 --> 01:01:32,710

of us into their monthly independent

1423

01:01:30,400 --> 01:01:38,528

empire then we proceed to the full-blown

1424

01:01:32,710 --> 01:01:41,019

test why do we do this well it's so that

1425

01:01:38,528 --> 01:01:44,619

we have a good chance of awarding the

1426  
01:01:41,018 --> 01:01:46,929  
money to the successful applicant in

1427  
01:01:44,619 --> 01:01:50,019  
other words if someone really can't do

1428  
01:01:46,929 --> 01:01:52,239  
their claim for whatever reason we'd

1429  
01:01:50,018 --> 01:01:54,758  
rather find out a bit earlier on before

1430  
01:01:52,239 --> 01:02:00,729  
too much time and effort and money from

1431  
01:01:54,759 --> 01:02:04,449  
any party is spent then after we do a

1432  
01:02:00,730 --> 01:02:07,119  
big formal test but again if they a

1433  
01:02:04,449 --> 01:02:08,980  
person can really do what they claim

1434  
01:02:07,119 --> 01:02:12,220  
they can do then the informal more

1435  
01:02:08,980 --> 01:02:16,509  
relaxed test with lower benchmarks for

1436  
01:02:12,219 --> 01:02:20,469  
passing should be a piece of cake no one

1437  
01:02:16,509 --> 01:02:23,259  
has ever passed the informal part of the

1438  
01:02:20,469 --> 01:02:26,889  
test the part of the test with a lower

1439  
01:02:23,259 --> 01:02:29,130  
passing mark so make of that what you

1440  
01:02:26,889 --> 01:02:29,129  
will

1441  
01:02:41,409 --> 01:02:44,409  
and

1442  
01:02:46,300 --> 01:02:52,580  
thank you for listening to the skeptic

1443  
01:02:48,769 --> 01:02:54,110  
zone I think next week i might slot in

1444  
01:02:52,579 --> 01:02:55,849  
the interview with dr. Paul Willis from

1445  
01:02:54,110 --> 01:02:57,349  
the National Convention yeah I'll see if

1446  
01:02:55,849 --> 01:03:02,469  
I can do that and things again to me

1447  
01:02:57,349 --> 01:03:07,639  
nerd who was so busy at the convention

1448  
01:03:02,469 --> 01:03:11,179  
and he was so grateful to the listeners

1449  
01:03:07,639 --> 01:03:12,829  
those listeners and I'm grateful to who

1450  
01:03:11,179 --> 01:03:14,599  
chipped in to help get may nod to the

1451  
01:03:12,829 --> 01:03:16,989  
convention we got him a lovely hotel

1452  
01:03:14,599 --> 01:03:19,730  
room so he was nice and comfortable and

1453  
01:03:16,989 --> 01:03:22,459  
breakfast so no it was great it's really

1454

01:03:19,730 --> 01:03:24,199  
nice to her to know that there are

1455  
01:03:22,460 --> 01:03:25,970  
listeners out there who like to support

1456  
01:03:24,199 --> 01:03:28,969  
the skeptic zone and thank you for doing

1457  
01:03:25,969 --> 01:03:31,250  
so anyway yes lots of interviews coming

1458  
01:03:28,969 --> 01:03:36,769  
up from Maine and lots over the next

1459  
01:03:31,250 --> 01:03:42,500  
coming weeks now before I go and because

1460  
01:03:36,769 --> 01:03:45,199  
I get so many requests to to this I'm

1461  
01:03:42,500 --> 01:03:48,349  
going to do this time I'm going to throw

1462  
01:03:45,199 --> 01:03:49,819  
810 sided die 10 sided normally it's a

1463  
01:03:48,349 --> 01:03:54,589  
20 so I'll give you a better chance

1464  
01:03:49,820 --> 01:04:00,039  
think of a number from 1 to 10 use your

1465  
01:03:54,590 --> 01:04:00,039  
psychic powers here we go here we go

1466  
01:04:02,739 --> 01:04:08,599  
seven until next week this is Richard

1467  
01:04:06,440 --> 01:04:14,659  
Saunders signing off from Sydney

1468  
01:04:08,599 --> 01:04:16,429

Australia you've been listening to the

1469

01:04:14,659 --> 01:04:21,230

skeptic zone

1470

01:04:16,429 --> 01:04:24,259

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1471

01:04:21,230 --> 01:04:26,889

the comments contacts and extra video

1472

01:04:24,260 --> 01:04:26,890

reports