

1  
00:00:05,899 --> 00:00:11,919  
welcome to the skeptic zone the podcast

2  
00:00:09,089 --> 00:00:22,990  
from Australia for science and reason

3  
00:00:11,919 --> 00:00:25,850  
[Music]

4  
00:00:22,989 --> 00:00:29,570  
hello and welcome to the skeptic Zone

5  
00:00:25,850 --> 00:00:32,750  
episode number 524 the 7th of October

6  
00:00:29,570 --> 00:00:35,390  
2018 Richardson is here with you from

7  
00:00:32,750 --> 00:00:38,170  
Sydney Australia and we are all very

8  
00:00:35,390 --> 00:00:40,820  
excited because our first guest for

9  
00:00:38,170 --> 00:00:42,469  
skeptic on the Australian skeptics

10  
00:00:40,820 --> 00:00:44,299  
National Convention arrives in a couple

11  
00:00:42,469 --> 00:00:47,329  
of days Yvette dong from on this side

12  
00:00:44,299 --> 00:00:50,390  
babe and by the way she'll be on dr.

13  
00:00:47,329 --> 00:00:53,750  
Kyle chrysalis Keys Thursday science

14  
00:00:50,390 --> 00:00:56,420  
radio day including triple j ABC

15  
00:00:53,750 --> 00:00:59,600  
regional Victoria Tasmania Western

16  
00:00:56,420 --> 00:01:02,480  
Australia as well as she'll be doing a

17  
00:00:59,600 --> 00:01:04,909  
turn on the BBC and a podcast she's in

18  
00:01:02,479 --> 00:01:06,319  
for a busy day you can join Yvette Don

19  
00:01:04,909 --> 00:01:08,210  
Freemont by the way and all our other

20  
00:01:06,319 --> 00:01:10,189  
guests from the convention at a free

21  
00:01:08,209 --> 00:01:12,289  
night the free meet and greet at the

22  
00:01:10,189 --> 00:01:14,750  
Occidental hotel here in Sydney at

23  
00:01:12,290 --> 00:01:16,729  
Wynyard plus the trivia night we're

24  
00:01:14,750 --> 00:01:19,670  
gonna have a trivia night former team

25  
00:01:16,728 --> 00:01:21,078  
come along cash prizes on the night and

26  
00:01:19,670 --> 00:01:22,930  
that will be hosted by myself

27  
00:01:21,078 --> 00:01:26,779  
Lara Benham from the skeptics and

28  
00:01:22,930 --> 00:01:28,100  
Maynard looking forward to that links in

29

00:01:26,780 --> 00:01:31,040  
this week's show notes so you can

30  
00:01:28,099 --> 00:01:33,140  
register for that free night should be a

31  
00:01:31,040 --> 00:01:35,360  
lot of fun and we hope we can see you

32  
00:01:33,140 --> 00:01:37,640  
there but coming up on this week's show

33  
00:01:35,359 --> 00:01:39,259  
another one of the guests from skeptic

34  
00:01:37,640 --> 00:01:41,570  
on who will be arriving in a few days

35  
00:01:39,259 --> 00:01:43,789  
Kari poppy from the oh no Ross and

36  
00:01:41,569 --> 00:01:46,250  
Carrie podcast she's going to be telling

37  
00:01:43,789 --> 00:01:48,468  
us what to expect at her talk at skeptic

38  
00:01:46,250 --> 00:01:51,680  
on but also more about the podcast

39  
00:01:48,468 --> 00:01:54,438  
itself they show up so we don't have to

40  
00:01:51,680 --> 00:01:58,039  
following that maenad spooky cat action

41  
00:01:54,438 --> 00:02:00,648  
Maynard chats to dr. Christy 6l about

42  
00:01:58,039 --> 00:02:03,468  
cats now she is from the Sydney animal

43  
00:02:00,649 --> 00:02:05,840

behavior services and she knows more

44

00:02:03,468 --> 00:02:07,640

about cats and I know more about cats

45

00:02:05,840 --> 00:02:09,140

and you know more about cats than may

46

00:02:07,640 --> 00:02:11,659

not knows more about cats she knows a

47

00:02:09,139 --> 00:02:14,809

lot about cats why do cats do the things

48

00:02:11,659 --> 00:02:16,669

they do we often wonder if you're a cat

49

00:02:14,810 --> 00:02:17,990

lover or you don't love cats you'll find

50

00:02:16,669 --> 00:02:19,789

this interview very interesting

51

00:02:17,990 --> 00:02:23,360

following that a bit of news about the

52

00:02:19,789 --> 00:02:27,049

dinner meeting the skeptic on dinner I

53

00:02:23,360 --> 00:02:29,930

should say we have a announcement of the

54

00:02:27,050 --> 00:02:32,420

host the emcee for the night then

55

00:02:29,930 --> 00:02:34,670

report on the recent shonky awards by

56

00:02:32,419 --> 00:02:36,530

choice magazine these are the wards

57

00:02:34,669 --> 00:02:39,559

given out to dodgy products products

58  
00:02:36,530 --> 00:02:40,968  
that don't work dangerous products of

59  
00:02:39,560 --> 00:02:42,739  
particular interest this year to

60  
00:02:40,968 --> 00:02:45,348  
skeptics to other products one is

61  
00:02:42,739 --> 00:02:47,750  
magnetic therapy and the other one is

62  
00:02:45,348 --> 00:02:49,548  
homeopathic then de round off the show

63  
00:02:47,750 --> 00:02:51,650  
and interesting interview Manor does

64  
00:02:49,549 --> 00:02:54,250  
with David Rosenberg who was the

65  
00:02:51,650 --> 00:02:56,569  
technical consultant on a new ABC

66  
00:02:54,250 --> 00:03:01,269  
dramatization here in Australia about

67  
00:02:56,568 --> 00:03:04,250  
Pine Gap spies and satellite information

68  
00:03:01,269 --> 00:03:06,469  
intelligence-gathering very interesting

69  
00:03:04,250 --> 00:03:08,658  
man indeed he'll be the guest speaker at

70  
00:03:06,469 --> 00:03:11,419  
skeptics in the pub here in Sydney next

71  
00:03:08,658 --> 00:03:14,269  
month by the way now Pine Gap is of

72  
00:03:11,419 --> 00:03:16,250  
interest to skeptics because many well I

73  
00:03:14,269 --> 00:03:19,459  
want to say many some at least people in

74  
00:03:16,250 --> 00:03:23,449  
this country think that it's a secret

75  
00:03:19,459 --> 00:03:26,359  
base for UFOs it's really a an american

76  
00:03:23,449 --> 00:03:27,560  
australian joint information gathering

77  
00:03:26,359 --> 00:03:29,900  
facility right in the middle of

78  
00:03:27,560 --> 00:03:31,968  
australia near alice springs but i have

79  
00:03:29,900 --> 00:03:35,389  
been to a talk where the person on the

80  
00:03:31,968 --> 00:03:39,620  
stage said that they have alien clone

81  
00:03:35,389 --> 00:03:43,189  
robots there i'm not making that up

82  
00:03:39,620 --> 00:03:46,158  
Pine Gap the TV series and reality

83  
00:03:43,189 --> 00:03:48,079  
coming up later on with Maynard but now

84  
00:03:46,158 --> 00:03:49,728  
it's time for me to run downstairs try

85  
00:03:48,079 --> 00:03:52,609  
something I saw on the internet which is

86

00:03:49,729 --> 00:03:56,590  
whipping up and beating up an egg or a

87  
00:03:52,609 --> 00:03:59,840  
couple of eggs then drizzling them onto

88  
00:03:56,590 --> 00:04:03,620  
a pan of hot oil in a sort of crisscross

89  
00:03:59,840 --> 00:04:05,180  
lattice formation letting that cook a

90  
00:04:03,620 --> 00:04:08,750  
little bit then rolling that up

91  
00:04:05,180 --> 00:04:11,069  
I wonder if that'll work well I try that

92  
00:04:08,750 --> 00:04:18,610  
I hope you enjoy the skeptic zone

93  
00:04:11,069 --> 00:04:21,420  
[Music]

94  
00:04:18,610 --> 00:04:29,319  
[Applause]

95  
00:04:21,420 --> 00:04:32,420  
[Music]

96  
00:04:29,319 --> 00:04:34,790  
and joining me now from Hollywood

97  
00:04:32,420 --> 00:04:37,610  
yes Hollywood it's hairy puppy from oh

98  
00:04:34,790 --> 00:04:41,210  
no Ross and Carrie podcast hello Carrie

99  
00:04:37,610 --> 00:04:43,730  
hi Richard how are you I'm so well today

100  
00:04:41,209 --> 00:04:45,500

I'm excited because our convention is

101

00:04:43,730 --> 00:04:47,120

just around the corner skeptic on and

102

00:04:45,500 --> 00:04:49,420

you're coming out you're coming out to

103

00:04:47,120 --> 00:04:53,470

Australia for the first time I believe

104

00:04:49,420 --> 00:04:55,360

yes I fully expect it not to be there

105

00:04:53,470 --> 00:04:58,930

what have you heard

106

00:04:55,360 --> 00:05:02,090

well the flat-earthers tell me that

107

00:04:58,930 --> 00:05:04,069

Australia is just an invention of the US

108

00:05:02,089 --> 00:05:07,639

government of course it's our government

109

00:05:04,069 --> 00:05:09,680

of course and that really when you think

110

00:05:07,639 --> 00:05:12,379

you're going to Australia you're

111

00:05:09,680 --> 00:05:16,819

actually being sent to I believe it's

112

00:05:12,379 --> 00:05:18,860

South America yes and your whole

113

00:05:16,819 --> 00:05:21,740

continent just doesn't exist it's part

114

00:05:18,860 --> 00:05:23,930

of the whole ball earth scam



115  
00:05:21,740 --> 00:05:27,019  
ah well interesting you should say that

116  
00:05:23,930 --> 00:05:31,610  
because as it happens once upon a time

117  
00:05:27,019 --> 00:05:46,430  
Australia and South America would joined

118  
00:05:31,610 --> 00:05:48,169  
Oh Touche you're right and the reason

119  
00:05:46,430 --> 00:05:50,000  
they know that is because there's

120  
00:05:48,168 --> 00:05:52,250  
ancient platypus fossils or the

121  
00:05:50,000 --> 00:05:58,100  
ancestors of platypus fossils in South

122  
00:05:52,250 --> 00:06:01,850  
America that's that's yeah is Australia

123  
00:05:58,100 --> 00:06:04,790  
overrun with platypi oh yeah yeah it's

124  
00:06:01,850 --> 00:06:07,879  
getting pretty bad we've got plans light

125  
00:06:04,790 --> 00:06:09,470  
catches we've been I've seen two or

126  
00:06:07,879 --> 00:06:12,379  
three in the wall in my whole life

127  
00:06:09,470 --> 00:06:15,340  
mostly in zoos however they're so cat

128  
00:06:12,379 --> 00:06:18,199  
they're so cute and they're tiny and

129  
00:06:15,339 --> 00:06:21,199  
when you visit you might be able to see

130  
00:06:18,199 --> 00:06:24,560  
one for yourself oh yeah I mean the

131  
00:06:21,199 --> 00:06:25,120  
platypus is so crazy it what are you are

132  
00:06:24,560 --> 00:06:28,300  
you

133  
00:06:25,120 --> 00:06:32,918  
but you lay eggs oh no it's too much and

134  
00:06:28,300 --> 00:06:35,228  
the males have poisonous spikes oh is

135  
00:06:32,918 --> 00:06:37,870  
that right you think it gets pretty vert

136  
00:06:35,228 --> 00:06:39,219  
everything now for those people who

137  
00:06:37,870 --> 00:06:41,530  
don't know and there can't be many of

138  
00:06:39,220 --> 00:06:43,930  
those about oh no Ross and Carrie

139  
00:06:41,529 --> 00:06:45,549  
because you know Carrie I just I was

140  
00:06:43,930 --> 00:06:48,040  
having a think before chatting to you

141  
00:06:45,550 --> 00:06:50,800  
and I remember interviewing you and Ross

142  
00:06:48,040 --> 00:06:52,840  
in Las Vegas you know hotel room many

143

00:06:50,800 --> 00:06:54,850  
years ago because you are starting a

144  
00:06:52,839 --> 00:06:56,289  
great new podcast called vile oh no Ross

145  
00:06:54,850 --> 00:06:58,689  
and Carrie all you just started or

146  
00:06:56,290 --> 00:07:00,280  
something like that but for the people

147  
00:06:58,689 --> 00:07:02,310  
who may not have caught up with that

148  
00:07:00,279 --> 00:07:04,659  
what's the general idea of your podcast

149  
00:07:02,310 --> 00:07:08,500  
sure so we've been doing it for seven

150  
00:07:04,660 --> 00:07:10,689  
years and that was that was 2011 and we

151  
00:07:08,500 --> 00:07:13,629  
had started it that March and I think

152  
00:07:10,689 --> 00:07:16,600  
our interview with you was that July so

153  
00:07:13,629 --> 00:07:19,959  
we were very very much babies at the

154  
00:07:16,600 --> 00:07:22,539  
time but this shows an investigative

155  
00:07:19,959 --> 00:07:24,638  
journalism podcast and what we do is we

156  
00:07:22,538 --> 00:07:27,099  
investigate all sorts of extraordinary

157  
00:07:24,639 --> 00:07:29,019

claims by taking part ourselves so

158

00:07:27,100 --> 00:07:31,180

sometimes we go undercover

159

00:07:29,019 --> 00:07:33,538

we joins the Church of Scientology for a

160

00:07:31,180 --> 00:07:37,090

couple months we joins the Mormon Church

161

00:07:33,538 --> 00:07:38,740

but then other times we will just try

162

00:07:37,089 --> 00:07:41,279

anything that's kind of off the beaten

163

00:07:38,740 --> 00:07:45,519

path for ourselves and that might mean

164

00:07:41,279 --> 00:07:48,159

getting fire cupping or doing ear

165

00:07:45,519 --> 00:07:49,990

candling or trying some new weight-loss

166

00:07:48,160 --> 00:07:52,419

method that seems a little questionable

167

00:07:49,990 --> 00:07:54,819

and we let ourselves be the guinea pigs

168

00:07:52,418 --> 00:07:57,609

for all these things and try with a

169

00:07:54,819 --> 00:08:00,129

sample size of two to see how much it

170

00:07:57,610 --> 00:08:02,860

really holds water you must have had

171

00:08:00,129 --> 00:08:04,449

some remarkable experiences and I don't

172  
00:08:02,860 --> 00:08:06,610  
want to spoil anything for our

173  
00:08:04,449 --> 00:08:09,009  
convention audiences cuz I'm sure

174  
00:08:06,610 --> 00:08:10,720  
they'll be really looking forward to

175  
00:08:09,009 --> 00:08:12,728  
some of the more bizarre things that

176  
00:08:10,720 --> 00:08:14,229  
you've gone through but it's interesting

177  
00:08:12,728 --> 00:08:16,569  
you do try all these things like

178  
00:08:14,228 --> 00:08:18,189  
alternative medicine you must have met

179  
00:08:16,569 --> 00:08:24,219  
some pretty interesting people along the

180  
00:08:18,189 --> 00:08:28,500  
way to believe truly extraordinary

181  
00:08:24,220 --> 00:08:32,320  
things and and it does seem like each

182  
00:08:28,500 --> 00:08:34,750  
modality or each belief system attracts

183  
00:08:32,320 --> 00:08:36,640  
a different kind of person I feel like a

184  
00:08:34,750 --> 00:08:38,528  
very different person is attracted to

185  
00:08:36,639 --> 00:08:42,429  
say Scientology as a

186  
00:08:38,528 --> 00:08:47,588  
- the self-realization fellowship which

187  
00:08:42,429 --> 00:08:50,919  
is an Eastern philosophy but at the same

188  
00:08:47,589 --> 00:08:53,860  
time I hate to say cuz it's such a warm

189  
00:08:50,919 --> 00:08:56,110  
and fuzzy obvious thing to say but it is

190  
00:08:53,860 --> 00:08:57,610  
true the more you hang out with all

191  
00:08:56,110 --> 00:09:00,430  
these groups the more you realize oh

192  
00:08:57,610 --> 00:09:03,188  
these are normal people we all have

193  
00:09:00,429 --> 00:09:06,399  
these wants and desires for community

194  
00:09:03,188 --> 00:09:08,469  
and belonging and for sort of a silver

195  
00:09:06,399 --> 00:09:11,289  
bullet that's going to cure our problems

196  
00:09:08,470 --> 00:09:13,089  
and it really humbles you it really

197  
00:09:11,289 --> 00:09:15,099  
makes you realize oh I'm not smarter

198  
00:09:13,089 --> 00:09:17,470  
than these people just because maybe

199  
00:09:15,100 --> 00:09:20,278  
I've realized this one thing that they

200

00:09:17,470 --> 00:09:23,350  
believe you know isn't based in fact

201  
00:09:20,278 --> 00:09:26,049  
yeah you make of an excellent point Kari

202  
00:09:23,350 --> 00:09:28,509  
and you would also I imagine find people

203  
00:09:26,049 --> 00:09:31,508  
along your adventures who would look at

204  
00:09:28,509 --> 00:09:35,079  
other people in other groups as being

205  
00:09:31,509 --> 00:09:37,990  
the crazy ones yeah yeah there's some of

206  
00:09:35,078 --> 00:09:40,628  
that and some groups are better about it

207  
00:09:37,990 --> 00:09:43,990  
than others I think of the Mormons were

208  
00:09:40,629 --> 00:09:47,170  
actually very self-aware about that they

209  
00:09:43,990 --> 00:09:50,169  
would say oh well you know every

210  
00:09:47,169 --> 00:09:52,568  
religion has some bit of truth in it and

211  
00:09:50,169 --> 00:09:55,389  
they compared it to a bolt of lightning

212  
00:09:52,568 --> 00:09:57,159  
that lights up the sky for a second and

213  
00:09:55,389 --> 00:09:58,389  
for a second you can see everything

214  
00:09:57,159 --> 00:10:00,909

around you and then it goes dark again

215

00:09:58,389 --> 00:10:02,438

and they said religions like that it may

216

00:10:00,909 --> 00:10:04,750

give you these sort of flashes of

217

00:10:02,438 --> 00:10:06,188

awareness and every religion does that

218

00:10:04,750 --> 00:10:09,490

we just happen to take ours gives a

219

00:10:06,188 --> 00:10:12,208

little more light so you know that that

220

00:10:09,490 --> 00:10:14,799

was a much more humble perspective

221

00:10:12,208 --> 00:10:18,068

though at the end of the day they still

222

00:10:14,799 --> 00:10:20,409

say they were the most right ones right

223

00:10:18,068 --> 00:10:24,278

and but then there would be out there

224

00:10:20,409 --> 00:10:28,208

are other groups that would full-on mock

225

00:10:24,278 --> 00:10:31,299

a group that to me seems to be pitching

226

00:10:28,208 --> 00:10:34,628

a pretty similar idea to their own so

227

00:10:31,299 --> 00:10:37,508

for example the a serious society which

228

00:10:34,629 --> 00:10:39,550

is a UFO believing religious group they



229  
00:10:37,509 --> 00:10:40,379  
would make fun of the Raelians oh these

230  
00:10:39,549 --> 00:10:42,449  
praise

231  
00:10:40,379 --> 00:10:45,059  
Balian so how can they believe what they

232  
00:10:42,450 --> 00:10:48,000  
believe well the Raelians also believe

233  
00:10:45,059 --> 00:10:50,549  
that dead aliens communicate with us and

234  
00:10:48,000 --> 00:10:53,070  
that they seeded humanity and to me

235  
00:10:50,549 --> 00:10:55,409  
their belief systems were looked very

236  
00:10:53,070 --> 00:10:58,379  
very similar but to one another

237  
00:10:55,409 --> 00:11:01,169  
Oh outrageous yeah that's that's quite

238  
00:10:58,379 --> 00:11:05,100  
interesting now how do you and Ross

239  
00:11:01,169 --> 00:11:09,750  
decide what to look at or what adventure

240  
00:11:05,100 --> 00:11:11,389  
to do next oh boy it's it's a bunch of

241  
00:11:09,750 --> 00:11:15,090  
different factors that come together

242  
00:11:11,389 --> 00:11:17,340  
there we have this list this master list

243  
00:11:15,090 --> 00:11:19,320  
of potential investigations we call it

244  
00:11:17,340 --> 00:11:22,170  
it's a Google Doc we both share and

245  
00:11:19,320 --> 00:11:26,190  
right now I want to say it's 14 pages

246  
00:11:22,169 --> 00:11:29,459  
long single single spaced so we will

247  
00:11:26,190 --> 00:11:32,340  
never run out but we're constantly given

248  
00:11:29,460 --> 00:11:35,330  
suggestions from our listeners we

249  
00:11:32,340 --> 00:11:37,830  
probably get a dozen a day I'd say oh

250  
00:11:35,330 --> 00:11:42,020  
yeah recommendations of things and we

251  
00:11:37,830 --> 00:11:44,490  
still hear new things all the time so

252  
00:11:42,019 --> 00:11:48,360  
we'll kind of let those percolate in our

253  
00:11:44,490 --> 00:11:50,730  
mind but we really want to go after the

254  
00:11:48,360 --> 00:11:52,889  
things that get us excited because as

255  
00:11:50,730 --> 00:11:55,230  
I'm sure you know storytelling is the

256  
00:11:52,889 --> 00:11:59,340  
best when the person involved is excited

257

00:11:55,230 --> 00:12:01,440  
about it so so we we look at our list

258  
00:11:59,340 --> 00:12:03,960  
and we also just look at what's going on

259  
00:12:01,440 --> 00:12:07,380  
in the area and and we just kind of let

260  
00:12:03,960 --> 00:12:09,450  
that guide us sometimes we will look at

261  
00:12:07,379 --> 00:12:11,399  
what's in the news and if it's something

262  
00:12:09,450 --> 00:12:14,490  
that's really pressing and we really

263  
00:12:11,399 --> 00:12:16,709  
want to give our perspective on that

264  
00:12:14,490 --> 00:12:20,549  
topic right away we'll do that but

265  
00:12:16,710 --> 00:12:22,379  
honestly that's that's more rare so yeah

266  
00:12:20,549 --> 00:12:24,659  
you know we're also both holding to the

267  
00:12:22,379 --> 00:12:27,120  
schedules of all of these teachers and

268  
00:12:24,659 --> 00:12:28,500  
gurus who travel around the world and

269  
00:12:27,120 --> 00:12:34,889  
sometimes we'll say oh they're coming

270  
00:12:28,500 --> 00:12:36,570  
tomorrow let's go now how as you said

271  
00:12:34,889 --> 00:12:38,699

you've been doing this for quite a

272

00:12:36,570 --> 00:12:40,260

number of years now and I salute you for

273

00:12:38,700 --> 00:12:43,379

that I know what it's like to do a

274

00:12:40,259 --> 00:12:45,629

podcast year after year after year and I

275

00:12:43,379 --> 00:12:46,980

trust that you and Russ are still really

276

00:12:45,629 --> 00:12:53,649

really getting a lot out of it

277

00:12:46,980 --> 00:12:55,539

personally yeah yeah it's so fun me

278

00:12:53,649 --> 00:12:57,370

and so glad that we chose something that

279

00:12:55,539 --> 00:12:59,069

involves so much adventure because we're

280

00:12:57,370 --> 00:13:03,460

both just kind of adventure junkies and

281

00:12:59,070 --> 00:13:06,339

I yeah I mean it's it's always a blast

282

00:13:03,460 --> 00:13:07,839

yeah that's great that's good to hear

283

00:13:06,339 --> 00:13:10,390

and I think it comes across in the show

284

00:13:07,839 --> 00:13:12,550

that you have genuine interest in the

285

00:13:10,389 --> 00:13:15,970

topics you cover and the people you meet

286  
00:13:12,549 --> 00:13:19,599  
and and and and as you say you turn up

287  
00:13:15,970 --> 00:13:23,230  
so we don't have to yes that's right

288  
00:13:19,600 --> 00:13:25,180  
we recently we were kind of regretting

289  
00:13:23,230 --> 00:13:31,240  
showing up because we've been drinking

290  
00:13:25,179 --> 00:13:33,459  
our own urine for two weeks we didn't

291  
00:13:31,240 --> 00:13:37,210  
know would actually end up doing it but

292  
00:13:33,460 --> 00:13:39,940  
we few people had asked for it over the

293  
00:13:37,210 --> 00:13:42,360  
years and then during our fun drive last

294  
00:13:39,940 --> 00:13:45,250  
year we said okay okay if if we get

295  
00:13:42,360 --> 00:13:47,409  
4,000 new members will drink our own

296  
00:13:45,250 --> 00:13:50,259  
urine and we thought oh that's such a

297  
00:13:47,409 --> 00:13:59,169  
huge figure there's no way blew right

298  
00:13:50,259 --> 00:14:01,450  
past it Richard yes we do show up so you

299  
00:13:59,169 --> 00:14:05,588  
don't have to in some sense to our own

300  
00:14:01,450 --> 00:14:07,560  
detriment use official I don't know

301  
00:14:05,589 --> 00:14:10,120  
where to go now hang on a second

302  
00:14:07,559 --> 00:14:11,799  
you've got I've got the giggles now

303  
00:14:10,120 --> 00:14:14,080  
Carrie I was just gonna think well well

304  
00:14:11,799 --> 00:14:15,759  
skeptic zone listeners you don't have to

305  
00:14:14,080 --> 00:14:21,400  
worry about that I'm not about to offer

306  
00:14:15,759 --> 00:14:25,179  
that for more subscribe because no

307  
00:14:21,399 --> 00:14:27,458  
because you show up and we don't have to

308  
00:14:25,179 --> 00:14:29,289  
you do that crazy stuff so I can sit

309  
00:14:27,458 --> 00:14:30,549  
back and enjoy it and the listeners all

310  
00:14:29,289 --> 00:14:32,860  
around the world can sit back and enjoy

311  
00:14:30,549 --> 00:14:35,740  
Carrie where can people go to enjoy

312  
00:14:32,860 --> 00:14:38,500  
owner Ross and Carrie oh you know all

313  
00:14:35,740 --> 00:14:39,669  
the usual pod catchers have it if you'd

314

00:14:38,500 --> 00:14:42,009  
like to listen to it right off the

315  
00:14:39,669 --> 00:14:44,769  
website though we're at maximum fun org

316  
00:14:42,009 --> 00:14:47,500  
and then you just pull down the show

317  
00:14:44,769 --> 00:14:49,958  
drop down menu and find us fantastic

318  
00:14:47,500 --> 00:14:52,929  
Carrie it's not long now and folks

319  
00:14:49,958 --> 00:14:54,309  
coming to skeptic on in Sydney or if

320  
00:14:52,929 --> 00:14:56,708  
you're thinking about it this is your

321  
00:14:54,309 --> 00:15:00,189  
chance to meet Carrie poppy from owner

322  
00:14:56,708 --> 00:15:02,019  
Ross and Carrie and hear firsthand a lot

323  
00:15:00,190 --> 00:15:04,320  
more about her crazy adventures with

324  
00:15:02,019 --> 00:15:06,750  
Ross and doing this wonderful podcast

325  
00:15:04,320 --> 00:15:09,080  
but for now carry puppy all the way over

326  
00:15:06,750 --> 00:15:23,789  
there in Hollywood thank you very much

327  
00:15:09,080 --> 00:15:25,770  
my pleasure hello listeners a maximum

328  
00:15:23,789 --> 00:15:27,779

fun I want to tell you about our newest

329

00:15:25,769 --> 00:15:29,549

podcast that tells you all about the

330

00:15:27,779 --> 00:15:31,110

truth of the Flat Earth have you been

331

00:15:29,549 --> 00:15:32,879

looking out over the horizon and you've

332

00:15:31,110 --> 00:15:35,250

been thinking wait a minute this doesn't

333

00:15:32,879 --> 00:15:38,340

look round I've been lied to my whole

334

00:15:35,250 --> 00:15:42,960

life what is NASA doing with 52 million

335

00:15:38,340 --> 00:15:46,470

dollars a day oh come on we explode the

336

00:15:42,960 --> 00:15:48,660

myths just kidding we're oh no Ross and

337

00:15:46,470 --> 00:15:51,000

Carrie and we investigate extraordinary

338

00:15:48,659 --> 00:15:53,370

claims that's right we investigate

339

00:15:51,000 --> 00:15:55,169

extraordinary claims firsthand we go

340

00:15:53,370 --> 00:15:57,629

undercover in fringe groups we get

341

00:15:55,169 --> 00:15:59,519

alternative medicine treatments and we

342

00:15:57,629 --> 00:16:01,919

hang out with people who have unusual



343  
00:15:59,519 --> 00:16:04,049  
beliefs like flat earthers 9/11 truthers

344  
00:16:01,919 --> 00:16:06,209  
we do ghost investigations we've joined

345  
00:16:04,049 --> 00:16:08,189  
Scientology and we got baptized in the

346  
00:16:06,210 --> 00:16:08,490  
Mormon Church if it goes bump in the

347  
00:16:08,190 --> 00:16:12,600  
night

348  
00:16:08,490 --> 00:16:14,580  
then so do we hmm why don't you check

349  
00:16:12,600 --> 00:16:16,909  
out oh no Ross and Carrie at maximum fun

350  
00:16:14,580 --> 00:16:16,910  
dark

351  
00:16:20,769 --> 00:16:28,000  
years may not spooky action at a

352  
00:16:25,730 --> 00:16:28,000  
distance

353  
00:16:29,740 --> 00:16:34,159  
look one of the very interesting

354  
00:16:31,460 --> 00:16:36,830  
speakers here today was dr. Kersey 6l

355  
00:16:34,159 --> 00:16:38,028  
she was talking about cats and and what

356  
00:16:36,830 --> 00:16:39,650  
you can do with them and what you need

357  
00:16:38,028 --> 00:16:41,809  
and I certainly learned something being

358  
00:16:39,649 --> 00:16:43,039  
an on cat owner I think I made mother

359  
00:16:41,809 --> 00:16:44,809  
the right decision in not having one

360  
00:16:43,039 --> 00:16:47,240  
because if you're not home a lot cats

361  
00:16:44,809 --> 00:16:49,909  
get sad or annoyed or angry how do they

362  
00:16:47,240 --> 00:16:53,930  
go I think all animals need company

363  
00:16:49,909 --> 00:16:55,789  
humans same so I do I think you can be a

364  
00:16:53,929 --> 00:16:57,739  
cat owner or a dog owner and not be home

365  
00:16:55,789 --> 00:16:59,120  
a lot I mean I've traveled a lot around

366  
00:16:57,740 --> 00:17:00,440  
the world but I make sure that my

367  
00:16:59,120 --> 00:17:02,120  
animals are looked after either by my

368  
00:17:00,440 --> 00:17:04,640  
husband or somebody else or someone else

369  
00:17:02,120 --> 00:17:06,558  
there right yeah what is the one problem

370  
00:17:04,640 --> 00:17:08,569  
and things because I learnt many things

371

00:17:06,558 --> 00:17:10,670  
about that first for most people have

372  
00:17:08,568 --> 00:17:12,109  
literature eyes that are too small they

373  
00:17:10,670 --> 00:17:14,179  
don't have enough of them and that's

374  
00:17:12,109 --> 00:17:16,578  
another thing in fact my dad had a cat

375  
00:17:14,179 --> 00:17:17,809  
tinker and tinker would just go poop in

376  
00:17:16,578 --> 00:17:20,000  
one litter tray and would want another

377  
00:17:17,808 --> 00:17:22,068  
trade so he had like four the decreased

378  
00:17:20,000 --> 00:17:24,049  
for one trick one cat so is that because

379  
00:17:22,068 --> 00:17:25,909  
he's learned that all do cats normally

380  
00:17:24,049 --> 00:17:27,588  
like to have fresh litter trays all the

381  
00:17:25,910 --> 00:17:28,790  
time oh yeah absolutely how often do you

382  
00:17:27,588 --> 00:17:31,730  
want to go to a toilet that hasn't been

383  
00:17:28,789 --> 00:17:32,899  
flushed but truly they do you know they

384  
00:17:31,730 --> 00:17:34,759  
need a little tray that's comfortable

385  
00:17:32,900 --> 00:17:36,230

for them to get into if they're older in

386

00:17:34,759 --> 00:17:37,789

the bit arthritic then climbing over

387

00:17:36,230 --> 00:17:39,589

high sides it's going to be hard if

388

00:17:37,789 --> 00:17:41,450

you're tiny you need to get the one

389

00:17:39,589 --> 00:17:43,220

that's comfortable to get into and yet

390

00:17:41,450 --> 00:17:44,600

cleanly got to be large too like you

391

00:17:43,220 --> 00:17:45,920

were saying so if you go to a pet store

392

00:17:44,599 --> 00:17:47,779

there's probably going to be a litter

393

00:17:45,920 --> 00:17:49,519

tray that's not big enough absolutely we

394

00:17:47,779 --> 00:17:51,139

can't buy them in Australia yet but you

395

00:17:49,519 --> 00:17:52,759

know watch this face hopefully we're

396

00:17:51,140 --> 00:17:54,980

going to be able to do it but we can go

397

00:17:52,759 --> 00:17:56,029

to all sorts of times would you

398

00:17:54,980 --> 00:17:58,429

recommend if you're looking for

399

00:17:56,029 --> 00:17:59,839

something for a good eye for me I look

400  
00:17:58,429 --> 00:18:01,550  
for a litter tray that's one and a half

401  
00:17:59,839 --> 00:18:03,649  
times the length of the cat including

402  
00:18:01,549 --> 00:18:05,329  
the tail so that's fairly big and you

403  
00:18:03,650 --> 00:18:07,309  
know your daughter your dad story about

404  
00:18:05,329 --> 00:18:08,629  
the cat you know if there was small left

405  
00:18:07,308 --> 00:18:10,399  
litter trade maybe if it was large

406  
00:18:08,630 --> 00:18:11,150  
enough he could poop at one end and be

407  
00:18:10,400 --> 00:18:13,429  
at the other end

408  
00:18:11,150 --> 00:18:14,990  
but if it's dirty nobody likes them very

409  
00:18:13,429 --> 00:18:17,870  
much what do you think of the expensive

410  
00:18:14,990 --> 00:18:20,269  
solutions like plumbed laser activated

411  
00:18:17,869 --> 00:18:21,949  
things that cats can hop into and or

412  
00:18:20,269 --> 00:18:23,329  
teaching them to use a human toilet well

413  
00:18:21,950 --> 00:18:25,759  
there are those ideas a good one or not

414  
00:18:23,329 --> 00:18:27,529  
not it like either of those ideas I have

415  
00:18:25,759 --> 00:18:29,929  
one of my colleagues in fact who was a

416  
00:18:27,529 --> 00:18:31,160  
presenter on ABC radio who bought a cat

417  
00:18:29,929 --> 00:18:34,009  
automatic cleaning

418  
00:18:31,160 --> 00:18:35,600  
it's way expensive and it was best

419  
00:18:34,009 --> 00:18:36,769  
environmental enrichment for the cat in

420  
00:18:35,599 --> 00:18:38,480  
step in and get them all the good

421  
00:18:36,769 --> 00:18:39,759  
mechanics to work and step out and watch

422  
00:18:38,480 --> 00:18:41,680  
it all go and like

423  
00:18:39,759 --> 00:18:44,710  
ever used it for a litter tray but loved

424  
00:18:41,680 --> 00:18:46,420  
it as a toy and really if you know how

425  
00:18:44,710 --> 00:18:48,640  
cats when they eliminate they've got a

426  
00:18:46,420 --> 00:18:50,380  
dig a hole and then they've got a circle

427  
00:18:48,640 --> 00:18:52,030  
and dig a hole and circle and then they

428

00:18:50,380 --> 00:18:54,070  
cover you can't do that on a human

429  
00:18:52,029 --> 00:18:55,690  
toilet so you actually stop normal

430  
00:18:54,069 --> 00:18:58,750  
behavior for cats and you can actually

431  
00:18:55,690 --> 00:19:00,279  
cause some problems so sounds good for

432  
00:18:58,750 --> 00:19:02,079  
us not good for the cat now obviously

433  
00:19:00,279 --> 00:19:03,519  
you've done a lot of behavioral looking

434  
00:19:02,079 --> 00:19:05,319  
at cats over these what's the strangest

435  
00:19:03,519 --> 00:19:06,789  
behavior you've noticed in a cat that

436  
00:19:05,319 --> 00:19:08,769  
maybe you're able to solve or go oh

437  
00:19:06,789 --> 00:19:09,819  
that's why that's doing hand you know

438  
00:19:08,769 --> 00:19:11,680  
it's a good question

439  
00:19:09,819 --> 00:19:13,539  
we don't really talk about animals

440  
00:19:11,680 --> 00:19:15,490  
having strange behaviors or such anymore

441  
00:19:13,539 --> 00:19:17,379  
because what I deal with animals mental

442  
00:19:15,490 --> 00:19:18,730

health issues and it'd be like asking a

443

00:19:17,380 --> 00:19:20,590  
psychiatrist what's the strangest

444

00:19:18,730 --> 00:19:22,029  
behavior you've seen with a human with a

445

00:19:20,589 --> 00:19:24,369  
mental health issue and you've been able

446

00:19:22,029 --> 00:19:26,470  
to resolve so you know we see animals

447

00:19:24,369 --> 00:19:29,049  
with obsessive-compulsive disorders we

448

00:19:26,470 --> 00:19:31,180  
see animals that have all sorts of other

449

00:19:29,049 --> 00:19:33,609  
anxieties or post-traumatic stress

450

00:19:31,180 --> 00:19:35,710  
disorder we see all that and so we can

451

00:19:33,609 --> 00:19:37,179  
help them all but they're you know it's

452

00:19:35,710 --> 00:19:39,250  
the way they manifest is the way cats

453

00:19:37,180 --> 00:19:40,900  
behave rather than the way that you know

454

00:19:39,250 --> 00:19:44,380  
you and I might think of funny and

455

00:19:40,900 --> 00:19:46,120  
there's some pretty awful things I think

456

00:19:44,380 --> 00:19:47,860  
when you look on you know funny cat



457  
00:19:46,119 --> 00:19:49,869  
videos when I look at them and I say to

458  
00:19:47,859 --> 00:19:52,119  
you that's not funny at all that poor

459  
00:19:49,869 --> 00:19:55,119  
animal is really suffering what about

460  
00:19:52,119 --> 00:19:56,349  
like a clinical pharmaceutical

461  
00:19:55,119 --> 00:19:57,549  
intervention with animals I've always

462  
00:19:56,349 --> 00:19:59,079  
thought that's a bit odd because it's

463  
00:19:57,549 --> 00:20:00,430  
very hard to tell exactly what's going

464  
00:19:59,079 --> 00:20:02,980  
on because they can't tell you how they

465  
00:20:00,430 --> 00:20:04,480  
feel do you believe in like you know cat

466  
00:20:02,980 --> 00:20:07,329  
antidepressants or anything like that

467  
00:20:04,480 --> 00:20:09,759  
absolutely absolutely yeah absolutely

468  
00:20:07,329 --> 00:20:11,259  
20% of people have some sort of mental

469  
00:20:09,759 --> 00:20:14,140  
health disorder that's going to need

470  
00:20:11,259 --> 00:20:15,670  
some sort of intervention sometimes

471  
00:20:14,140 --> 00:20:18,220  
during their life the same with dogs and

472  
00:20:15,670 --> 00:20:20,640  
same with cats and we work a lot with

473  
00:20:18,220 --> 00:20:22,569  
pediatric psychiatrists and

474  
00:20:20,640 --> 00:20:24,250  
pharmaceuticals by themselves are not

475  
00:20:22,569 --> 00:20:25,839  
the answer by any stretch of the

476  
00:20:24,250 --> 00:20:28,539  
imagination so always when we have

477  
00:20:25,839 --> 00:20:30,759  
animals with issues we will do behavior

478  
00:20:28,539 --> 00:20:32,730  
modification with them teach that change

479  
00:20:30,759 --> 00:20:35,200  
their emotional response to things

480  
00:20:32,730 --> 00:20:36,910  
manage their environment as best we can

481  
00:20:35,200 --> 00:20:38,830  
so that you know if the cat's distressed

482  
00:20:36,910 --> 00:20:40,420  
because the litter tree is dirty boo the

483  
00:20:38,829 --> 00:20:42,669  
owner has to go and get a bigger litter

484  
00:20:40,420 --> 00:20:45,880  
tray clean it out more often but if they

485

00:20:42,670 --> 00:20:47,050  
really have a psychological problem to

486  
00:20:45,880 --> 00:20:48,250  
the point where we have a neurochemical

487  
00:20:47,049 --> 00:20:50,470  
imbalance they

488  
00:20:48,250 --> 00:20:52,210  
often need to have psychotropic

489  
00:20:50,470 --> 00:20:54,400  
medication to help them do that

490  
00:20:52,210 --> 00:20:56,019  
can you take blood tests as any of blood

491  
00:20:54,400 --> 00:20:57,550  
markers from the animals you can do to

492  
00:20:56,019 --> 00:21:00,069  
help them but work out what the balance

493  
00:20:57,549 --> 00:21:01,839  
should be we don't do that routinely we

494  
00:21:00,069 --> 00:21:03,579  
do blood tests before any animal gets

495  
00:21:01,839 --> 00:21:04,959  
put on medication to make sure that

496  
00:21:03,579 --> 00:21:06,909  
their liver and kidneys are working

497  
00:21:04,960 --> 00:21:09,130  
properly so that they can actually

498  
00:21:06,910 --> 00:21:10,630  
metabolize the medication and flush it

499  
00:21:09,130 --> 00:21:12,820

out make sure there isn't another

500

00:21:10,630 --> 00:21:14,410

disease process because sometimes what

501

00:21:12,819 --> 00:21:16,839

you see is a behavioral disorder is

502

00:21:14,410 --> 00:21:19,090

actually a cat that might have another

503

00:21:16,839 --> 00:21:21,279

disease so sometimes cats that vocalize

504

00:21:19,089 --> 00:21:22,779

a lot might have thyroid disease so we

505

00:21:21,279 --> 00:21:24,789

can fix up the thyroid disease without

506

00:21:22,779 --> 00:21:26,109

even going near pharmaceuticals for the

507

00:21:24,789 --> 00:21:27,789

brain because we're actually dealing

508

00:21:26,109 --> 00:21:29,979

with the underlying medical problem and

509

00:21:27,789 --> 00:21:31,509

I love how you said cats don't know how

510

00:21:29,980 --> 00:21:33,250

to apologize but if it's not like a dog

511

00:21:31,509 --> 00:21:35,170

will row or roll over on spec and go oh

512

00:21:33,250 --> 00:21:37,150

that's okay sorry and and like be

513

00:21:35,170 --> 00:21:39,100

submissive but cats won't do that even

514  
00:21:37,150 --> 00:21:40,390  
in a group no they don't have that

515  
00:21:39,099 --> 00:21:42,879  
ability it's not part of cat language

516  
00:21:40,390 --> 00:21:44,830  
the ball didn't evolve with dogs and

517  
00:21:42,880 --> 00:21:47,230  
people we have actually we didn't

518  
00:21:44,829 --> 00:21:49,689  
domesticate the dog we actually mutually

519  
00:21:47,230 --> 00:21:52,120  
grew together which is why dogs and

520  
00:21:49,690 --> 00:21:54,250  
people we talk about you know it's a

521  
00:21:52,119 --> 00:21:55,929  
it's sort of a code amidst occasion for

522  
00:21:54,250 --> 00:21:59,019  
lack for a better bet cats were always

523  
00:21:55,930 --> 00:22:00,580  
you know doing their own thing and that

524  
00:21:59,019 --> 00:22:02,230  
kind of turn up in Egypt and I thought

525  
00:22:00,579 --> 00:22:04,179  
hey they'll keep mice away from the

526  
00:22:02,230 --> 00:22:05,589  
granaries and but that wasn't the cat's

527  
00:22:04,180 --> 00:22:09,160  
idea wasn't they were just gonna eat the

528  
00:22:05,589 --> 00:22:10,720  
mice and I said yeah that's a very good

529  
00:22:09,160 --> 00:22:12,790  
at finding out ways good for them to be

530  
00:22:10,720 --> 00:22:14,589  
and you know the cat when you think

531  
00:22:12,789 --> 00:22:17,139  
about its history in the world sometimes

532  
00:22:14,589 --> 00:22:18,699  
they were really looked upon as you know

533  
00:22:17,140 --> 00:22:20,680  
gods or goddesses and the Egyptian

534  
00:22:18,700 --> 00:22:22,480  
culture certainly did that and in the

535  
00:22:20,680 --> 00:22:24,279  
old days if your cat died you have to

536  
00:22:22,480 --> 00:22:25,420  
shave off your left eyebrow as a sign of

537  
00:22:24,279 --> 00:22:28,509  
mourning

538  
00:22:25,420 --> 00:22:30,400  
then cats were kind of you know in the

539  
00:22:28,509 --> 00:22:31,809  
Middle Ages if you're a woman and you

540  
00:22:30,400 --> 00:22:34,690  
had a cat you were burned at the stake

541  
00:22:31,809 --> 00:22:37,000  
because you're a witch so cats went from

542

00:22:34,690 --> 00:22:38,620  
being highest of high to the lowest of

543  
00:22:37,000 --> 00:22:40,750  
low and now it depends on how you feel

544  
00:22:38,619 --> 00:22:41,979  
at cat's in society whether you think

545  
00:22:40,750 --> 00:22:43,119  
they're the highest of the high or the

546  
00:22:41,980 --> 00:22:44,799  
lowest of the low

547  
00:22:43,119 --> 00:22:46,329  
now cats can't read or watch television

548  
00:22:44,799 --> 00:22:47,919  
because of their vision so they just

549  
00:22:46,329 --> 00:22:49,359  
happened to be staring at stuff but when

550  
00:22:47,920 --> 00:22:51,460  
they're looking at a spot on the wall

551  
00:22:49,359 --> 00:22:52,809  
because their visions outside ours are

552  
00:22:51,460 --> 00:22:54,730  
they seeing something in the ultraviolet

553  
00:22:52,809 --> 00:22:56,019  
spectrum like maybe some old mouse pee

554  
00:22:54,730 --> 00:22:57,490  
or something like that what are they

555  
00:22:56,019 --> 00:22:59,200  
seeing that they're still staring at do

556  
00:22:57,490 --> 00:23:00,670

we know well the interesting thing is

557

00:22:59,200 --> 00:23:03,400

they can watch television these days

558

00:23:00,670 --> 00:23:05,470

because yeah because in the old days and

559

00:23:03,400 --> 00:23:07,509

the pixelation wasn't fast enough so

560

00:23:05,470 --> 00:23:09,759

what they saw was a whole pile of slow

561

00:23:07,509 --> 00:23:11,529

pictures and whereas now because it goes

562

00:23:09,759 --> 00:23:13,269

so fast it actually looks like moving

563

00:23:11,529 --> 00:23:14,649

pictures remember in the old days when

564

00:23:13,269 --> 00:23:16,329

they had you don't have to wear this

565

00:23:14,650 --> 00:23:17,350

thing around and what it wasn't a

566

00:23:16,329 --> 00:23:19,179

kaleidoscope I can never remember the

567

00:23:17,349 --> 00:23:20,679

name of them so they actually think it

568

00:23:19,180 --> 00:23:21,640

could be a window on real life is it

569

00:23:20,680 --> 00:23:23,470

what they think something to actually

570

00:23:21,640 --> 00:23:25,060

make television shows for cats now and



571  
00:23:23,470 --> 00:23:26,980  
little iPad toys that they can play

572  
00:23:25,059 --> 00:23:28,779  
around with and move things around and

573  
00:23:26,980 --> 00:23:30,610  
so you know I think they are watching

574  
00:23:28,779 --> 00:23:32,470  
things now that perhaps you know that we

575  
00:23:30,609 --> 00:23:33,759  
couldn't before do is it one last

576  
00:23:32,470 --> 00:23:35,079  
question for all those people out there

577  
00:23:33,759 --> 00:23:36,490  
that love pampering their cats what's

578  
00:23:35,079 --> 00:23:37,929  
the one thing you shouldn't feed the cat

579  
00:23:36,490 --> 00:23:39,309  
that is actually not good for them and

580  
00:23:37,930 --> 00:23:42,130  
people always make the mistake of giving

581  
00:23:39,309 --> 00:23:44,559  
to them because they get swatted yeah

582  
00:23:42,130 --> 00:23:46,420  
it's a good question I mean you know

583  
00:23:44,559 --> 00:23:48,399  
chocolate isn't good for cats mostly

584  
00:23:46,420 --> 00:23:50,350  
they don't they can't taste skin you

585  
00:23:48,400 --> 00:23:51,759  
know sweetness but that isn't good but

586  
00:23:50,349 --> 00:23:53,619  
there's a lot of poisonous plants that

587  
00:23:51,759 --> 00:23:55,420  
people have in there in there you know

588  
00:23:53,619 --> 00:23:56,859  
like lilies for instance and they don't

589  
00:23:55,420 --> 00:23:58,570  
feed it deliberately to them but they

590  
00:23:56,859 --> 00:24:00,789  
might have lilies inside the house and

591  
00:23:58,569 --> 00:24:02,319  
of course they're toxic to cats so

592  
00:24:00,789 --> 00:24:03,879  
whenever you see lilies and you have a

593  
00:24:02,319 --> 00:24:05,439  
cat don't put the two together

594  
00:24:03,880 --> 00:24:07,000  
where can we find you online and get

595  
00:24:05,440 --> 00:24:10,029  
that book that sounds impossible to me

596  
00:24:07,000 --> 00:24:12,130  
how to train your cat yeah training your

597  
00:24:10,029 --> 00:24:15,609  
cat with the first book I wrote you just

598  
00:24:12,130 --> 00:24:17,470  
go to my website WWF calm delay you and

599

00:24:15,609 --> 00:24:19,329  
we can organize the coffee so services

600  
00:24:17,470 --> 00:24:23,100  
for Sydney animal behavior service.com

601  
00:24:19,329 --> 00:24:23,099  
delay you thank you thank you

602  
00:24:40,009 --> 00:24:47,269  
[Music]

603  
00:24:43,989 --> 00:24:51,038  
like watch your guide to quackery health

604  
00:24:47,269 --> 00:24:53,538  
fraud operated by Stephan Barratt MD

605  
00:24:51,038 --> 00:24:55,548  
quack watch is now an international

606  
00:24:53,538 --> 00:24:58,398  
network of people who are concerned

607  
00:24:55,548 --> 00:25:01,908  
about health-related frauds myths fads

608  
00:24:58,398 --> 00:25:04,459  
fallacies and misconduct its primary

609  
00:25:01,909 --> 00:25:06,889  
focus is on quackery related information

610  
00:25:04,460 --> 00:25:11,389  
that is difficult or impossible to get

611  
00:25:06,888 --> 00:25:14,839  
elsewhere articles include quackery how

612  
00:25:11,388 --> 00:25:16,128  
should it be defined how it sells 26

613  
00:25:14,839 --> 00:25:19,069

ways to spot it

614

00:25:16,128 --> 00:25:39,918

Howard Homs cancer patients and much

615

00:25:19,069 --> 00:25:41,839

more ww-why watch while we're driving

616

00:25:39,919 --> 00:25:43,340

through the back streets of glebe at the

617

00:25:41,839 --> 00:25:45,648

moment numb with may not and the big

618

00:25:43,339 --> 00:25:49,579

news folks is maynard is going to be the

619

00:25:45,648 --> 00:25:51,348

host the MC of the skeptic on dinner may

620

00:25:49,579 --> 00:25:54,259

not what can people expect they can

621

00:25:51,348 --> 00:25:56,148

expect food some drink epsom wine if

622

00:25:54,259 --> 00:25:56,509

that's the kind of thing that's it

623

00:25:56,148 --> 00:25:58,339

really

624

00:25:56,509 --> 00:26:00,440

I'll be out there telling them what's on

625

00:25:58,339 --> 00:26:02,749

but I will actually be waiting on

626

00:26:00,440 --> 00:26:05,629

several tables as well I'll be wearing a

627

00:26:02,749 --> 00:26:07,489

cumberbund and people have mentioned my

628  
00:26:05,628 --> 00:26:08,538  
cumberbund on many occasions and I can

629  
00:26:07,489 --> 00:26:10,879  
only assume that that's what they're

630  
00:26:08,538 --> 00:26:12,138  
talking about Maynard and his cumberbund

631  
00:26:10,878 --> 00:26:14,719  
live on stage

632  
00:26:12,138 --> 00:26:17,118  
another reason folks if you needed one

633  
00:26:14,720 --> 00:26:18,739  
more reason to come to the Australian

634  
00:26:17,118 --> 00:26:21,259  
skeptics National Convention skeptic on

635  
00:26:18,739 --> 00:26:23,420  
and get your dinner ticket

636  
00:26:21,259 --> 00:26:25,990  
yes if you aren't coming you fool to

637  
00:26:23,420 --> 00:26:34,048  
yourself and a burden to others

638  
00:26:25,990 --> 00:26:34,048  
[Music]

639  
00:26:35,960 --> 00:26:41,400  
on the 4th of October our friends at

640  
00:26:38,849 --> 00:26:46,490  
choice magazine choice comdata you

641  
00:26:41,400 --> 00:26:46,490  
ordered their annual chunky awards

642  
00:26:47,150 --> 00:26:51,590  
now these awards are akin to the

643  
00:26:49,700 --> 00:26:54,799  
Australian skeptics bent spoon award

644  
00:26:51,589 --> 00:26:58,929  
Ashoke product means dodgy doesn't work

645  
00:26:54,799 --> 00:27:02,058  
as advertised could be dangerous in some

646  
00:26:58,930 --> 00:27:04,340  
situations for example one of the awards

647  
00:27:02,058 --> 00:27:08,299  
this year went to something called

648  
00:27:04,339 --> 00:27:11,539  
Porter COTS which is a baby's Cod

649  
00:27:08,299 --> 00:27:15,470  
portable baby's cot but was found to be

650  
00:27:11,539 --> 00:27:18,529  
unsafe of note this year for skeptics

651  
00:27:15,470 --> 00:27:21,549  
one of the awards was given to a

652  
00:27:18,529 --> 00:27:25,279  
homeopathic product by Oh Glenn

653  
00:27:21,549 --> 00:27:27,289  
homeopathic melatonin and the press

654  
00:27:25,279 --> 00:27:30,500  
release reads shonky for the trickery

655  
00:27:27,289 --> 00:27:32,990  
that leaves people sleepless big

656

00:27:30,500 --> 00:27:35,720  
pharmaceutical companies or big pharma

657  
00:27:32,990 --> 00:27:38,390  
are synonymous with big medical

658  
00:27:35,720 --> 00:27:40,279  
production big money and big impact on

659  
00:27:38,390 --> 00:27:43,490  
the type of health care products we can

660  
00:27:40,279 --> 00:27:46,279  
access one thing that's really expected

661  
00:27:43,490 --> 00:27:48,829  
from Big Pharma is homeopathic cures

662  
00:27:46,279 --> 00:27:51,170  
which are more typically found in the

663  
00:27:48,829 --> 00:27:53,269  
domain of alternative therapies however

664  
00:27:51,170 --> 00:27:55,429  
at least one big pharma company in

665  
00:27:53,269 --> 00:27:59,420  
Australia is selling homeopathic

666  
00:27:55,429 --> 00:28:01,580  
products on a very large scale Pharma

667  
00:27:59,420 --> 00:28:04,670  
care which boasts on its LinkedIn that

668  
00:28:01,579 --> 00:28:06,409  
its quote the largest private Australian

669  
00:28:04,670 --> 00:28:08,269  
owned consumer health fitness and

670  
00:28:06,410 --> 00:28:11,210

consumer goods company in the country in

671

00:28:08,269 --> 00:28:13,819

quote currently operates 23 brands

672

00:28:11,210 --> 00:28:16,130

including by Oakland according to their

673

00:28:13,819 --> 00:28:20,089

website their products are available in

674

00:28:16,130 --> 00:28:22,850

quote 5200 pharmacies 3,000 supermarkets

675

00:28:20,089 --> 00:28:25,159

outlets departments and variety stores

676

00:28:22,849 --> 00:28:27,709

nationwide and hundreds of overseas

677

00:28:25,160 --> 00:28:31,460

outlets in Asia America and Europe in

678

00:28:27,710 --> 00:28:33,950

quote in 2017 we awarded by a gland and

679

00:28:31,460 --> 00:28:37,250

another pharmaceutical brand Nature's

680

00:28:33,950 --> 00:28:40,429

Way a shonky for its outrageous claims

681

00:28:37,250 --> 00:28:41,599

that sticky sugary lollies our in fact

682

00:28:40,429 --> 00:28:43,880

could for teeth

683

00:28:41,599 --> 00:28:46,609

this year Pharma care and bio Glenn

684

00:28:43,880 --> 00:28:48,920

received another dubious honor for its



685  
00:28:46,609 --> 00:28:52,250  
over-the-counter melatonin homeopathic

686  
00:28:48,920 --> 00:28:53,960  
sleep formula while melatonin currently

687  
00:28:52,250 --> 00:28:56,299  
a prescription only medicine in

688  
00:28:53,960 --> 00:28:58,309  
Australia is known to promote sleep and

689  
00:28:56,299 --> 00:29:00,190  
is used to help people suffering jetlag

690  
00:28:58,309 --> 00:29:02,288  
or sleep disorders there's

691  
00:29:00,190 --> 00:29:04,778  
no reliable evidence that homeopathic

692  
00:29:02,288 --> 00:29:07,450  
melatonin or homeopathic products in

693  
00:29:04,778 --> 00:29:08,409  
general has any effect other than

694  
00:29:07,450 --> 00:29:11,440  
placebo

695  
00:29:08,409 --> 00:29:13,830  
despite this the company makes the claim

696  
00:29:11,440 --> 00:29:16,990  
that bio gland melatonin helps quote

697  
00:29:13,829 --> 00:29:19,778  
relieve mild temporary insomnia and

698  
00:29:16,990 --> 00:29:21,179  
symptoms of mild nervous tension and

699  
00:29:19,778 --> 00:29:24,308  
quotient

700  
00:29:21,179 --> 00:29:27,309  
unpack claims you might lose sleep over

701  
00:29:24,308 --> 00:29:30,638  
bio glands melatonin homeopathic sleep

702  
00:29:27,308 --> 00:29:33,788  
formula is also available in tubal

703  
00:29:30,638 --> 00:29:36,638  
tablet form or spray and both products

704  
00:29:33,788 --> 00:29:38,980  
promised to quote relieve mild temporary

705  
00:29:36,638 --> 00:29:41,918  
insomnia in quote upon the products

706  
00:29:38,980 --> 00:29:44,230  
webpage we're told quote results depend

707  
00:29:41,919 --> 00:29:46,870  
on how often the homeopathic remedy is

708  
00:29:44,230 --> 00:29:50,589  
taken and not on the quantity used to

709  
00:29:46,869 --> 00:29:52,388  
end quote because in homeopathy quote

710  
00:29:50,589 --> 00:29:54,308  
the amount consumed is not relevant

711  
00:29:52,388 --> 00:29:57,189  
children are treated the same way as

712  
00:29:54,308 --> 00:30:00,158  
adults end quote however directions for

713

00:29:57,190 --> 00:30:03,610  
the tablet version state quote to aid

714  
00:30:00,159 --> 00:30:05,980  
sleep to three to five tablets half an

715  
00:30:03,609 --> 00:30:09,788  
hour before bedtime unquote while the

716  
00:30:05,980 --> 00:30:12,819  
spray is quote rapidly absorbed to start

717  
00:30:09,788 --> 00:30:15,609  
working quickly end quote to be fair to

718  
00:30:12,819 --> 00:30:17,259  
bio gland consuming more does support

719  
00:30:15,609 --> 00:30:19,778  
the primary reason for this products

720  
00:30:17,259 --> 00:30:21,839  
existence the more tablets people chew

721  
00:30:19,778 --> 00:30:26,970  
the sooner they'll potentially cough up

722  
00:30:21,839 --> 00:30:30,490  
another \$24 50 recommendations

723  
00:30:26,970 --> 00:30:33,850  
melatonin homeopathic sleep formula is

724  
00:30:30,490 --> 00:30:37,089  
packaged like medication and sold in a

725  
00:30:33,849 --> 00:30:39,189  
pharmacy but with murky claims that are

726  
00:30:37,089 --> 00:30:41,138  
not supported with evidence wasting

727  
00:30:39,190 --> 00:30:44,048

money is the only area where this

728

00:30:41,138 --> 00:30:46,178

product is proven to be effective not

729

00:30:44,048 --> 00:30:47,500

only does bio Glenn Miller tonin not

730

00:30:46,179 --> 00:30:49,899

help you sleep

731

00:30:47,500 --> 00:30:52,538

it's shoki enough that you might lose

732

00:30:49,898 --> 00:30:56,378

sleep worrying about the brazen trickery

733

00:30:52,538 --> 00:30:58,388

this company gets away with but that's

734

00:30:56,378 --> 00:31:01,119

not all this year of interest to

735

00:30:58,388 --> 00:31:04,990

skeptics another shonky has been awarded

736

00:31:01,119 --> 00:31:07,378

to magnetic therapy an oldie but a

737

00:31:04,990 --> 00:31:10,089

goodie and the press release says

738

00:31:07,378 --> 00:31:13,240

magnetic therapy Gyeonggi for using weak

739

00:31:10,089 --> 00:31:16,480

health claims to pull on hip pockets

740

00:31:13,240 --> 00:31:18,579

magnetic therapy promises to take away

741

00:31:16,480 --> 00:31:20,860

or relieve pain through placing weak

742  
00:31:18,579 --> 00:31:24,158  
static magnets and pain points around

743  
00:31:20,859 --> 00:31:26,139  
the body a magnet that removes pain with

744  
00:31:24,159 --> 00:31:27,970  
such bold claims you'd hope for some

745  
00:31:26,140 --> 00:31:30,250  
type of evidence but there's a clear

746  
00:31:27,970 --> 00:31:33,460  
lack of studies that prove these devices

747  
00:31:30,250 --> 00:31:35,409  
aren't simply placebos for example in a

748  
00:31:33,460 --> 00:31:37,409  
meta-analysis of nine plus SIBO

749  
00:31:35,409 --> 00:31:40,299  
controlled and randomized trials

750  
00:31:37,409 --> 00:31:43,240  
professors at the complementary medicine

751  
00:31:40,298 --> 00:31:45,398  
center from the universities of Exeter

752  
00:31:43,240 --> 00:31:47,169  
and Plymouth found that quote the

753  
00:31:45,398 --> 00:31:49,329  
evidence does not support the use of

754  
00:31:47,169 --> 00:31:52,000  
static magnets for pain relief and

755  
00:31:49,329 --> 00:31:54,759  
therefore magnets cannot be recommended

756  
00:31:52,000 --> 00:31:57,460  
as an effective treatment end quote

757  
00:31:54,759 --> 00:32:00,099  
magnetic therapy devices are often found

758  
00:31:57,460 --> 00:32:02,079  
in major chemists or online and two of

759  
00:32:00,099 --> 00:32:05,859  
the most prominent bands are dick weeks

760  
00:32:02,079 --> 00:32:08,109  
and biomagnetic sport when looking on

761  
00:32:05,859 --> 00:32:10,569  
their websites you'll also find out that

762  
00:32:08,109 --> 00:32:12,879  
they point out that their devices aren't

763  
00:32:10,569 --> 00:32:14,980  
medical treatments the wording is

764  
00:32:12,880 --> 00:32:18,640  
normally to the effect of quote

765  
00:32:14,980 --> 00:32:20,679  
information provided within this site is

766  
00:32:18,640 --> 00:32:21,640  
not a substitute for medical care

767  
00:32:20,679 --> 00:32:24,130  
unquote

768  
00:32:21,640 --> 00:32:26,950  
but you'll have to dig past lots of pain

769  
00:32:24,130 --> 00:32:29,890  
relief claims to get to the medical

770

00:32:26,950 --> 00:32:32,230  
disclaimer from arthritis to carpal

771  
00:32:29,890 --> 00:32:35,470  
tunnel to headaches there's a magnet for

772  
00:32:32,230 --> 00:32:37,870  
almost every type of pain biomagnetic

773  
00:32:35,470 --> 00:32:40,569  
sport offers this advice on its online

774  
00:32:37,869 --> 00:32:43,359  
if IQs for people wondering if their

775  
00:32:40,569 --> 00:32:46,089  
device is working quote if you have been

776  
00:32:43,359 --> 00:32:48,579  
using your bio magnetic sport product

777  
00:32:46,089 --> 00:32:50,408  
for a few days or even weeks and you

778  
00:32:48,579 --> 00:32:52,980  
don't feel it is helping with your

779  
00:32:50,409 --> 00:32:55,419  
injury but it has been less than 28 days

780  
00:32:52,980 --> 00:32:58,120  
please continue to use the product as

781  
00:32:55,419 --> 00:33:00,250  
directed men quote that's a pretty

782  
00:32:58,119 --> 00:33:02,769  
shonky move and one that could leave

783  
00:33:00,250 --> 00:33:05,528  
australian suffering for longer periods

784  
00:33:02,769 --> 00:33:08,339

than needed or worse if there's a

785

00:33:05,528 --> 00:33:11,919

serious underlying medical condition

786

00:33:08,339 --> 00:33:14,349

more pain from high price points however

787

00:33:11,919 --> 00:33:16,419

it doesn't end bad advice

788

00:33:14,349 --> 00:33:19,808

many of the magnetic products on offer

789

00:33:16,419 --> 00:33:22,028

will also yank on your bank balance for

790

00:33:19,808 --> 00:33:23,990

example at the top of the range the king

791

00:33:22,028 --> 00:33:26,808

size premium wool

792

00:33:23,990 --> 00:33:29,599

Natick underlay from dick wicks will set

793

00:33:26,808 --> 00:33:32,089

you back almost 500 dollars while the

794

00:33:29,599 --> 00:33:36,439

magnetic muscle wrap from biomagnetic

795

00:33:32,089 --> 00:33:38,959

sport is 4995 which is much more

796

00:33:36,440 --> 00:33:41,870

expensive than common sports tapes and

797

00:33:38,960 --> 00:33:44,090

straps some of the wackier products in

798

00:33:41,869 --> 00:33:47,389

the eyebrow-raising department range are



799  
00:33:44,089 --> 00:33:50,750  
the dick wicks ear orbs recommended

800  
00:33:47,390 --> 00:33:53,210  
retail price of \$14 95 that claim to

801  
00:33:50,750 --> 00:33:57,529  
quote instantly transform your old

802  
00:33:53,210 --> 00:33:59,960  
earrings into natural drug-free magnetic

803  
00:33:57,529 --> 00:34:02,058  
therapy products end quote

804  
00:33:59,960 --> 00:34:05,720  
not to mention suppress appetite and

805  
00:34:02,058 --> 00:34:06,889  
food cravings and most earrings already

806  
00:34:05,720 --> 00:34:09,769  
drug free

807  
00:34:06,890 --> 00:34:12,500  
there are also magnets for cats dogs and

808  
00:34:09,769 --> 00:34:16,639  
horses including a horse rug recommended

809  
00:34:12,500 --> 00:34:20,559  
retail price of 200 and \$29.95 that

810  
00:34:16,639 --> 00:34:22,820  
promises to quote repel pain and attract

811  
00:34:20,559 --> 00:34:24,949  
soundness end quote

812  
00:34:22,820 --> 00:34:28,010  
if you're suffering from any type of

813  
00:34:24,949 --> 00:34:30,949  
pain or condition it's always best to

814  
00:34:28,010 --> 00:34:33,129  
see a medical professional rather than

815  
00:34:30,949 --> 00:34:36,049  
spend money on a wearable or

816  
00:34:33,128 --> 00:34:37,719  
close-proximity magnetic devices from

817  
00:34:36,050 --> 00:34:40,820  
companies like dick weeks and

818  
00:34:37,719 --> 00:34:43,819  
biomagnetic support the only thing these

819  
00:34:40,820 --> 00:34:46,710  
magnets will relieve you of is the money

820  
00:34:43,820 --> 00:34:49,300  
from your wallet

821  
00:34:46,710 --> 00:34:52,030  
so those two products were certainly

822  
00:34:49,300 --> 00:34:55,150  
highlights for skeptics this year the

823  
00:34:52,030 --> 00:34:57,850  
products mentioned or awarded ahang

824  
00:34:55,150 --> 00:35:02,470  
keyword the marriott chain of hotels the

825  
00:34:57,849 --> 00:35:05,559  
commonwealth bank like coaster that

826  
00:35:02,469 --> 00:35:07,779  
doesn't quite toast the babies cut we

827

00:35:05,559 --> 00:35:11,199  
mentioned before and Kellogg's

828  
00:35:07,780 --> 00:35:13,090  
nutrigrain smash I'll link to the choice

829  
00:35:11,199 --> 00:35:15,829  
website so you can read all about those

830  
00:35:13,090 --> 00:35:27,250  
for yourself in this week's show notes

831  
00:35:15,829 --> 00:35:30,079  
[Music]

832  
00:35:27,250 --> 00:35:34,550  
aliens are probing people and mutilating

833  
00:35:30,079 --> 00:35:37,039  
cows 9/11 was an inside job I'm the oppa

834  
00:35:34,550 --> 00:35:40,100  
to clean up my athlete's foot vaccines

835  
00:35:37,039 --> 00:35:43,789  
cause autism not all sorts of tinnitus

836  
00:35:40,099 --> 00:35:45,079  
Vaughn is definitely real we all have

837  
00:35:43,789 --> 00:35:47,630  
friends and family who believe these

838  
00:35:45,079 --> 00:35:49,579  
things and much more well if you're a

839  
00:35:47,630 --> 00:35:51,289  
rational thinker who is tired of arguing

840  
00:35:49,579 --> 00:35:53,480  
on social media and never getting

841  
00:35:51,289 --> 00:35:55,489

anywhere we have a solution for you

842

00:35:53,480 --> 00:35:57,949

join the guerrilla skepticism on

843

00:35:55,489 --> 00:36:00,349

wikipedia team and we will teach you how

844

00:35:57,949 --> 00:36:02,449

to add reliable scientific and skeptical

845

00:36:00,349 --> 00:36:05,420

information to the world's number-one

846

00:36:02,449 --> 00:36:07,369

source of information Wikipedia we write

847

00:36:05,420 --> 00:36:09,920

new articles and improve existing ones

848

00:36:07,369 --> 00:36:12,079

we remove pseudoscience paranormal and

849

00:36:09,920 --> 00:36:14,269

augment claims substituting the actual

850

00:36:12,079 --> 00:36:16,940

facts and we operate in many languages

851

00:36:14,269 --> 00:36:19,309

we've already reached tens of millions

852

00:36:16,940 --> 00:36:21,289

of people searching for information but

853

00:36:19,309 --> 00:36:24,380

as you can imagine we can never do

854

00:36:21,289 --> 00:36:26,989

enough so please join us all you need is

855

00:36:24,380 --> 00:36:29,030

a PC a Facebook account and the desire

856  
00:36:26,989 --> 00:36:31,009  
to help educate the planet in fact

857  
00:36:29,030 --> 00:36:31,670  
you'll be educating the world while you

858  
00:36:31,010 --> 00:36:36,220  
sleep

859  
00:36:31,670 --> 00:36:39,820  
contact us at E is owt m-- and gmail.com

860  
00:36:36,219 --> 00:36:43,959  
guerrilla skepticism the time is now

861  
00:36:39,820 --> 00:36:43,960  
music by purple planet calm

862  
00:36:48,960 --> 00:36:55,019  
ah look man I talking about shells

863  
00:36:53,039 --> 00:36:56,460  
coming up on ABC TV and I'm with the

864  
00:36:55,019 --> 00:36:58,730  
person who was one of the people behind

865  
00:36:56,460 --> 00:37:00,838  
that who have we got here if you can say

866  
00:36:58,730 --> 00:37:03,869  
David Rosenberg the technical and

867  
00:37:00,838 --> 00:37:05,820  
creative consultant Wow on on the Pine

868  
00:37:03,869 --> 00:37:08,250  
Gap television series Wow and of course

869  
00:37:05,820 --> 00:37:09,690  
now why are you you just the guy closest

870  
00:37:08,250 --> 00:37:11,760  
to the door and I said we need someone

871  
00:37:09,690 --> 00:37:13,530  
why did they pick you I was the one the

872  
00:37:11,760 --> 00:37:15,180  
writers found when they googled Pine Gap

873  
00:37:13,530 --> 00:37:16,650  
because I wrote a book called inside

874  
00:37:15,179 --> 00:37:19,230  
Pine Gap the spy who came in from the

875  
00:37:16,650 --> 00:37:20,820  
desert back in 2011 so they contacted me

876  
00:37:19,230 --> 00:37:22,440  
and asked me if I'd like to discuss

877  
00:37:20,820 --> 00:37:24,119  
being a consultant on the series I

878  
00:37:22,440 --> 00:37:25,858  
believe you used to work for no such

879  
00:37:24,119 --> 00:37:27,510  
agency is that correct and no such

880  
00:37:25,858 --> 00:37:29,369  
agency is correct yes Wow

881  
00:37:27,510 --> 00:37:30,900  
and I would like to point out that they

882  
00:37:29,369 --> 00:37:32,070  
do have the world's biggest car park

883  
00:37:30,900 --> 00:37:33,720  
because if anyone has said look at the

884

00:37:32,070 --> 00:37:36,030  
NSA building they've got to be doing

885  
00:37:33,719 --> 00:37:37,649  
something in there because it's huge it

886  
00:37:36,030 --> 00:37:39,180  
is it is I've been there myself and it's

887  
00:37:37,650 --> 00:37:41,280  
a long walk from one end to the other

888  
00:37:39,179 --> 00:37:43,799  
believe me Wow because you can't say too

889  
00:37:41,280 --> 00:37:45,480  
much about what goes on in there but is

890  
00:37:43,800 --> 00:37:47,519  
of the media they thought oh hang on me

891  
00:37:45,480 --> 00:37:50,130  
this is a disinformation program that's

892  
00:37:47,519 --> 00:37:52,108  
going on about Pine Gap initialised from

893  
00:37:50,130 --> 00:37:53,309  
the NSA is that correct you're telling

894  
00:37:52,108 --> 00:37:54,480  
people that stuff's going on that's not

895  
00:37:53,309 --> 00:37:56,369  
really happening well the interesting

896  
00:37:54,480 --> 00:37:58,349  
stuff is probably going on at some place

897  
00:37:56,369 --> 00:38:00,180  
in Western Australia that we don't talk

898  
00:37:58,349 --> 00:38:02,039

about as much that's why they had the

899

00:38:00,179 --> 00:38:05,449

submarine transmitters that's true

900

00:38:02,039 --> 00:38:05,449

I could I could tell you so anyone know

901

00:38:06,320 --> 00:38:10,920

what I could tell you is that the TV

902

00:38:08,940 --> 00:38:12,570

series is a fictional drama geopolitical

903

00:38:10,920 --> 00:38:14,460

thriller so it is fiction it is a

904

00:38:12,570 --> 00:38:16,830

dramatization of what happens at Pine

905

00:38:14,460 --> 00:38:18,300

Gap it does not it does not reflect the

906

00:38:16,829 --> 00:38:20,190

real-world activities that happen to

907

00:38:18,300 --> 00:38:22,170

find gap because I mentioned the real

908

00:38:20,190 --> 00:38:24,150

drama at Pine Gap would be on a on a

909

00:38:22,170 --> 00:38:28,289

political level between people trying to

910

00:38:24,150 --> 00:38:31,320

get promotions like any business there's

911

00:38:28,289 --> 00:38:33,570

a lot of a lot of competition out there

912

00:38:31,320 --> 00:38:35,010

yes so yes if people do go to Pine Gap



913  
00:38:33,570 --> 00:38:37,260  
actually it's a good career move to go

914  
00:38:35,010 --> 00:38:38,849  
there and have some time in the field um

915  
00:38:37,260 --> 00:38:40,800  
what was your specialty what drew you

916  
00:38:38,849 --> 00:38:43,230  
into that world are you an expert in

917  
00:38:40,800 --> 00:38:44,820  
encryptions or what actually decided oh

918  
00:38:43,230 --> 00:38:47,519  
I would like to work for this one had

919  
00:38:44,820 --> 00:38:49,470  
you had they pick you I was a weapon

920  
00:38:47,519 --> 00:38:51,809  
signals analyst so when the job came up

921  
00:38:49,469 --> 00:38:54,598  
I applied for it and went to Pine Gap

922  
00:38:51,809 --> 00:38:56,130  
and decided to stay for a little bit

923  
00:38:54,599 --> 00:38:58,650  
longer than originally planned which was

924  
00:38:56,130 --> 00:38:59,640  
only two years that turned into 18 years

925  
00:38:58,650 --> 00:39:01,139  
so I kind of felt like I was on

926  
00:38:59,639 --> 00:39:02,440  
Gilligan's Island with my time just keep

927

00:39:01,139 --> 00:39:05,598

going on

928

00:39:02,440 --> 00:39:07,760

which was fantastic but the technology

929

00:39:05,599 --> 00:39:09,109

in 18 years I mean when they started it

930

00:39:07,760 --> 00:39:10,549

was just like people chucking rocks at

931

00:39:09,108 --> 00:39:12,199

each other obviously when you started

932

00:39:10,548 --> 00:39:14,750

and by the end of it you I mean how do

933

00:39:12,199 --> 00:39:16,578

you keep up with the signals it's

934

00:39:14,750 --> 00:39:17,269

different all the time new stuffs being

935

00:39:16,579 --> 00:39:18,769

made all the time

936

00:39:17,269 --> 00:39:20,329

the Chinese would have made a different

937

00:39:18,769 --> 00:39:22,190

signal from the Indonesians it must be

938

00:39:20,329 --> 00:39:24,769

very confusing that's right you have to

939

00:39:22,190 --> 00:39:27,289

be familiar with the with the signal

940

00:39:24,769 --> 00:39:28,608

spectrum environment and you have to you

941

00:39:27,289 --> 00:39:31,880  
have to basically keep up with the

942  
00:39:28,608 --> 00:39:33,980  
technology as it accelerates as well the

943  
00:39:31,880 --> 00:39:36,349  
the satellites with each successive

944  
00:39:33,980 --> 00:39:38,929  
satellite going up they have they have

945  
00:39:36,349 --> 00:39:40,730  
enhanced capabilities so yes you have to

946  
00:39:38,929 --> 00:39:42,259  
keep your technical skills up-to-date so

947  
00:39:40,730 --> 00:39:43,760  
do we still bother flying in a Ryan

948  
00:39:42,260 --> 00:39:45,650  
aircraft along the fringes of the

949  
00:39:43,760 --> 00:39:46,940  
Indonesian coast so we can pick up on

950  
00:39:45,650 --> 00:39:48,289  
all these signals and frequencies or

951  
00:39:46,940 --> 00:39:48,700  
that's just we don't need to do that

952  
00:39:48,289 --> 00:39:50,900  
anymore

953  
00:39:48,699 --> 00:39:52,548  
all that's part of reconnaissance I

954  
00:39:50,900 --> 00:39:54,440  
don't I don't really know what goes on

955  
00:39:52,548 --> 00:39:55,989

with the Orion aircraft but there's

956

00:39:54,440 --> 00:39:57,769  
certainly every reason to have

957

00:39:55,989 --> 00:40:00,588  
reconnaissance wherever a government

958

00:39:57,769 --> 00:40:01,699  
feels it's necessary and I guess you

959

00:40:00,588 --> 00:40:04,250  
can't give away too much but watch

960

00:40:01,699 --> 00:40:06,379  
what's your favorite thing about the job

961

00:40:04,250 --> 00:40:08,298  
I mean is there a particular aircraft or

962

00:40:06,380 --> 00:40:10,220  
or a particular weapon that you go

963

00:40:08,298 --> 00:40:12,670  
that's pretty fascinating boy I could

964

00:40:10,219 --> 00:40:15,108  
look I could do that all day even more

965

00:40:12,670 --> 00:40:16,220  
the exciting part for me was always

966

00:40:15,108 --> 00:40:17,630  
searching for something new when you

967

00:40:16,219 --> 00:40:19,129  
find something that nobody in the

968

00:40:17,630 --> 00:40:20,838  
community is seen before and you're the

969

00:40:19,130 --> 00:40:22,970  
first person to find it that's a buzz

970  
00:40:20,838 --> 00:40:24,500  
that's that that that's that's a really

971  
00:40:22,969 --> 00:40:26,000  
good accomplishment yeah and then you've

972  
00:40:24,500 --> 00:40:27,739  
got to like back track it and find out

973  
00:40:26,000 --> 00:40:30,139  
what exactly it is it's a meeting that

974  
00:40:27,739 --> 00:40:32,209  
that's right you got to go and analyze

975  
00:40:30,139 --> 00:40:34,429  
it so as signals analyst that's what we

976  
00:40:32,210 --> 00:40:35,990  
do and of course the special

977  
00:40:34,429 --> 00:40:37,969  
relationship between Australia and

978  
00:40:35,989 --> 00:40:40,250  
America is often criticized I've I've

979  
00:40:37,969 --> 00:40:41,598  
criticized on a number of occasions but

980  
00:40:40,250 --> 00:40:44,329  
has what's been explained to people in

981  
00:40:41,599 --> 00:40:47,710  
the intelligent industry is that if the

982  
00:40:44,329 --> 00:40:50,150  
Australian intelligence

983  
00:40:47,710 --> 00:40:51,798  
military-industrial complex is three

984  
00:40:50,150 --> 00:40:53,990  
people in a kelpy we haven't got too

985  
00:40:51,798 --> 00:40:56,119  
many but that Kilby works hard let me

986  
00:40:53,989 --> 00:40:57,500  
tell you but if our soldiers are on the

987  
00:40:56,119 --> 00:40:59,358  
ground in Afghanistan and they want to

988  
00:40:57,500 --> 00:41:00,710  
know the live intelligence the Americans

989  
00:40:59,358 --> 00:41:02,838  
give that to them because of our special

990  
00:41:00,710 --> 00:41:04,460  
relationship so in some ways it saves

991  
00:41:02,838 --> 00:41:06,230  
our soldiers lives and that's part of

992  
00:41:04,460 --> 00:41:07,639  
the reason that we do it that's very

993  
00:41:06,230 --> 00:41:10,369  
very true and I talk about that in my

994  
00:41:07,639 --> 00:41:12,259  
book as well so yeah especially if you

995  
00:41:10,369 --> 00:41:13,460  
have a troops in the field you have as

996  
00:41:12,260 --> 00:41:15,200  
you have support to military operations

997  
00:41:13,460 --> 00:41:17,269  
and that's one of the things that I

998

00:41:15,199 --> 00:41:18,798  
does as well basically helping to

999  
00:41:17,269 --> 00:41:20,539  
safeguard the troops that are that are

1000  
00:41:18,798 --> 00:41:22,250  
that are in that are in either enemy

1001  
00:41:20,539 --> 00:41:24,079  
territory occupied territory are just

1002  
00:41:22,250 --> 00:41:25,909  
doing a peacekeeping mission do you

1003  
00:41:24,079 --> 00:41:27,680  
think people sometimes overstate the

1004  
00:41:25,909 --> 00:41:29,690  
technology thinking that all we can have

1005  
00:41:27,679 --> 00:41:32,690  
a safer environment for our troops

1006  
00:41:29,690 --> 00:41:34,579  
because the technology will save them in

1007  
00:41:32,690 --> 00:41:36,769  
difficult situations probably they

1008  
00:41:34,579 --> 00:41:38,960  
depend on it too much sometimes well you

1009  
00:41:36,769 --> 00:41:42,500  
are going to look at whatever you have

1010  
00:41:38,960 --> 00:41:44,720  
at your disposal to make things easier

1011  
00:41:42,500 --> 00:41:46,849  
and safer for the troops on the ground

1012  
00:41:44,719 --> 00:41:48,608

so whatever you can develop and utilize

1013

00:41:46,849 --> 00:41:51,710

the government will certainly do that

1014

00:41:48,608 --> 00:41:53,659

and what's your area you'd like to see a

1015

00:41:51,710 --> 00:41:54,798

bit more development in without giving

1016

00:41:53,659 --> 00:41:56,629

away too much is there something you

1017

00:41:54,798 --> 00:41:58,280

know what because as I said earlier like

1018

00:41:56,630 --> 00:41:59,780

new stuff is really good what's the most

1019

00:41:58,280 --> 00:42:02,839

interesting new stuff that you can talk

1020

00:41:59,780 --> 00:42:04,609

about imagery satellites are quite are

1021

00:42:02,838 --> 00:42:07,608

quite exciting it's it's always good to

1022

00:42:04,608 --> 00:42:09,440

have a satellites that can see as as

1023

00:42:07,608 --> 00:42:11,659

much detail as they can from a very very

1024

00:42:09,440 --> 00:42:14,450

high altitude so it's code name 'crystal

1025

00:42:11,659 --> 00:42:15,710

really old stuff now that's one of them

1026

00:42:14,449 --> 00:42:17,449

yeah I mean you'll see this stuff out on



1027  
00:42:15,710 --> 00:42:18,380  
the internet you can you can google it

1028  
00:42:17,449 --> 00:42:20,719  
and you'll find a lot of information

1029  
00:42:18,380 --> 00:42:22,369  
beware there because a lot of it is this

1030  
00:42:20,719 --> 00:42:23,989  
information be skeptical about it

1031  
00:42:22,369 --> 00:42:25,220  
oh yeah exactly because it's not even

1032  
00:42:23,989 --> 00:42:26,449  
just information coming from the

1033  
00:42:25,219 --> 00:42:29,118  
government it's just people right and

1034  
00:42:26,449 --> 00:42:32,719  
crap that's true it's everywhere isn't

1035  
00:42:29,119 --> 00:42:34,280  
it and oh yeah now where can we see this

1036  
00:42:32,719 --> 00:42:35,868  
show and the wins at stock is gonna be

1037  
00:42:34,280 --> 00:42:37,819  
on iView and everything on the ABC but

1038  
00:42:35,869 --> 00:42:39,318  
wins it's official airdate okay the

1039  
00:42:37,818 --> 00:42:41,239  
first two episodes are going to be a

1040  
00:42:39,318 --> 00:42:45,558  
double episode airing on the 14th of

1041  
00:42:41,239 --> 00:42:47,808  
October that's Sunday night and I think

1042  
00:42:45,559 --> 00:42:50,599  
it'll be on I view after that you'll be

1043  
00:42:47,809 --> 00:42:52,220  
able to see all of the episodes and then

1044  
00:42:50,599 --> 00:42:53,750  
if you're overseas you can see it on

1045  
00:42:52,219 --> 00:42:55,730  
Netflix as well it won't be available

1046  
00:42:53,750 --> 00:43:00,079  
immediately on Netflix in Australia but

1047  
00:42:55,730 --> 00:43:02,510  
it will be available on the ABC and just

1048  
00:43:00,079 --> 00:43:03,829  
just get ready for it there's gonna be a

1049  
00:43:02,510 --> 00:43:05,450  
lot of discussion about it you'll hear

1050  
00:43:03,829 --> 00:43:07,039  
your hero you'll hear a lot of people in

1051  
00:43:05,449 --> 00:43:08,179  
Australia talking about it is there a

1052  
00:43:07,039 --> 00:43:11,719  
website or something on that we can go

1053  
00:43:08,179 --> 00:43:14,629  
to have a look at it yeah I think yes

1054  
00:43:11,719 --> 00:43:16,250  
there well Netflix I believe has some

1055

00:43:14,630 --> 00:43:18,890  
has released some media releases on it

1056  
00:43:16,250 --> 00:43:20,088  
so they might have some more information

1057  
00:43:18,889 --> 00:43:22,909  
about there there's been some promos

1058  
00:43:20,088 --> 00:43:25,480  
from the ABC so you'll be able to just -

1059  
00:43:22,909 --> 00:43:27,469  
if you just if you just Google Pine Gap

1060  
00:43:25,480 --> 00:43:28,010  
Netflix you'll be able to get a lot of a

1061  
00:43:27,469 --> 00:43:30,230  
lot of

1062  
00:43:28,010 --> 00:43:33,350  
formation and as someone who's now been

1063  
00:43:30,230 --> 00:43:35,780  
someone who's been able a technical

1064  
00:43:33,349 --> 00:43:37,819  
adviser to a movie what's a movie you

1065  
00:43:35,780 --> 00:43:39,290  
think has some great technical advice

1066  
00:43:37,820 --> 00:43:41,600  
and there I was always a fan of The Hunt

1067  
00:43:39,289 --> 00:43:43,250  
for Red October that's kind of cool but

1068  
00:43:41,599 --> 00:43:44,659  
I imagine that stuff's pretty incorrect

1069  
00:43:43,250 --> 00:43:45,860

I'm pretty sure the inside of a Russian

1070

00:43:44,659 --> 00:43:48,019

sub doesn't look like that will make

1071

00:43:45,860 --> 00:43:50,420

that noise and there isn't a Scottish

1072

00:43:48,019 --> 00:43:52,099

guy in charge of it either what's one of

1073

00:43:50,420 --> 00:43:54,740

your favorite movies you got man that

1074

00:43:52,099 --> 00:43:56,509

that's technically well done I like the

1075

00:43:54,739 --> 00:43:58,609

James Bond movies for entertainment they

1076

00:43:56,510 --> 00:43:59,990

have they have they have they have they

1077

00:43:58,610 --> 00:44:04,070

have the cool cars the penny have you

1078

00:43:59,989 --> 00:44:06,619

got a favorite one big db9 I've been old

1079

00:44:04,070 --> 00:44:09,170

fan of Sean Connery actually so I do

1080

00:44:06,619 --> 00:44:11,239

like the old jet pack his jet pack is

1081

00:44:09,170 --> 00:44:12,950

fantastic you made him wear a helmet as

1082

00:44:11,239 --> 00:44:14,750

if James Bond would ever wear a helmet

1083

00:44:12,949 --> 00:44:16,669

with a jet pack you'd be going no I'm

1084  
00:44:14,750 --> 00:44:18,739  
going now and Roger Moore going to the

1085  
00:44:16,670 --> 00:44:21,470  
moon that was a that was pretty funny

1086  
00:44:18,739 --> 00:44:22,789  
too so yeah so it's it's good and it's

1087  
00:44:21,469 --> 00:44:24,649  
good entertainment I think that people

1088  
00:44:22,789 --> 00:44:27,019  
will find at the Pine Gap series as well

1089  
00:44:24,650 --> 00:44:28,490  
good entertainment and and I just

1090  
00:44:27,019 --> 00:44:30,230  
remember that that it that it is a

1091  
00:44:28,489 --> 00:44:32,929  
fictional drama it's not it's not a

1092  
00:44:30,230 --> 00:44:34,760  
documentary and we'll be having a longer

1093  
00:44:32,929 --> 00:44:36,649  
chat about your book a little bit later

1094  
00:44:34,760 --> 00:44:38,540  
in in the skeptical zone but please

1095  
00:44:36,650 --> 00:44:40,369  
enjoy tonight and let's talk about

1096  
00:44:38,539 --> 00:44:41,900  
tonight's question which is all about

1097  
00:44:40,369 --> 00:44:44,989  
music do you think there's a scientific

1098  
00:44:41,900 --> 00:44:46,940  
formula to music do you think you could

1099  
00:44:44,989 --> 00:44:48,859  
actually write a pop song by working at

1100  
00:44:46,940 --> 00:44:50,510  
a scientific formula or there is a

1101  
00:44:48,860 --> 00:44:52,789  
formula to what people like to hear

1102  
00:44:50,510 --> 00:44:54,380  
that's a good question I have I don't

1103  
00:44:52,789 --> 00:44:56,719  
have a musical bone in my body however

1104  
00:44:54,380 --> 00:44:59,570  
my wife is a music therapist and a music

1105  
00:44:56,719 --> 00:45:01,339  
psychotherapist Wow so if you cycle

1106  
00:44:59,570 --> 00:45:04,250  
analyzes people while playing them pick

1107  
00:45:01,340 --> 00:45:06,530  
up boys is that what goes on not that

1108  
00:45:04,250 --> 00:45:08,539  
not that simple but there's a lot of

1109  
00:45:06,530 --> 00:45:10,610  
music in our house whether there's a

1110  
00:45:08,539 --> 00:45:11,659  
formula that you can use I don't know I

1111  
00:45:10,610 --> 00:45:13,789  
think that there's a lot of very

1112

00:45:11,659 --> 00:45:15,079  
creative people out there who do really

1113  
00:45:13,789 --> 00:45:17,329  
well when it comes to putting music

1114  
00:45:15,079 --> 00:45:18,619  
together thanks for checking out the

1115  
00:45:17,329 --> 00:45:20,750  
show guys really big and you get more

1116  
00:45:18,619 --> 00:45:22,099  
technical advice in the future fingers

1117  
00:45:20,750 --> 00:45:23,539  
crossed we'll have a second third series

1118  
00:45:22,099 --> 00:45:29,909  
coming up as well

1119  
00:45:23,539 --> 00:45:29,909  
[Music]

1120  
00:45:36,969 --> 00:45:42,079  
hey you fellow skeptics in Medford here

1121  
00:45:39,889 --> 00:45:44,509  
with Celeste reward your friendly host

1122  
00:45:42,079 --> 00:45:46,369  
of squaring the strange a podcast that

1123  
00:45:44,510 --> 00:45:49,610  
looks at topics ranging from Legends

1124  
00:45:46,369 --> 00:45:51,559  
panics and cryptids to myths psychology

1125  
00:45:49,610 --> 00:45:53,690  
and folklore breaking things down and

1126  
00:45:51,559 --> 00:45:55,849

picking things apart as we skeptics do

1127

00:45:53,690 --> 00:45:58,460

we bring a few different perspectives on

1128

00:45:55,849 --> 00:46:00,559

things pleasure for example is a witty

1129

00:45:58,460 --> 00:46:02,929

cartoonist and Ben is a brilliant writer

1130

00:46:00,559 --> 00:46:04,639

and longtime skeptical investigator we

1131

00:46:02,929 --> 00:46:07,159

don't always agree well we have fun

1132

00:46:04,639 --> 00:46:09,379

trying and we learn new things join us

1133

00:46:07,159 --> 00:46:11,719

for new topics every week or two or

1134

00:46:09,380 --> 00:46:14,960

browse our backlog of evergreen episodes

1135

00:46:11,719 --> 00:46:17,089

available on iTunes and all your podcast

1136

00:46:14,960 --> 00:46:20,500

feeding troughs squaring the strange

1137

00:46:17,090 --> 00:46:20,500

take care of strangers

1138

00:46:23,289 --> 00:46:28,719

[Music]

1139

00:46:35,739 --> 00:46:39,858

thank you for listening to the skeptics

1140

00:46:38,028 --> 00:46:41,989

zone next week's show will be a little



1141  
00:46:39,858 --> 00:46:45,259  
bit different than some highlights from

1142  
00:46:41,989 --> 00:46:46,969  
a show I used to do before the skeptic

1143  
00:46:45,260 --> 00:46:49,190  
zone called the skeptic tank I think it

1144  
00:46:46,969 --> 00:46:51,588  
was where I interview magician mark

1145  
00:46:49,190 --> 00:46:54,318  
Mayer who was investigating psychic

1146  
00:46:51,588 --> 00:46:56,480  
detectives and I don't think I've ever

1147  
00:46:54,318 --> 00:46:58,190  
played this interview on the skeptics

1148  
00:46:56,480 --> 00:47:01,190  
own certainly has not been heard for

1149  
00:46:58,190 --> 00:47:03,470  
many many years still relevant today he

1150  
00:47:01,190 --> 00:47:06,889  
talks about Allison d'Ivoire quite a lot

1151  
00:47:03,469 --> 00:47:09,379  
but this this interest I have right now

1152  
00:47:06,889 --> 00:47:12,139  
in this topic has come about because of

1153  
00:47:09,380 --> 00:47:14,599  
the recent podcast you may have heard

1154  
00:47:12,139 --> 00:47:16,969  
about called the teacher's pet which is

1155  
00:47:14,599 --> 00:47:18,920  
investigating a cold case here in

1156  
00:47:16,969 --> 00:47:23,259  
Australia but on one of the episodes

1157  
00:47:18,920 --> 00:47:26,659  
they actually play a police recording of

1158  
00:47:23,260 --> 00:47:29,329  
a psychic which I thought was pretty

1159  
00:47:26,659 --> 00:47:31,429  
strange anyway I've been investigating

1160  
00:47:29,329 --> 00:47:33,230  
that lately so you might enjoy this

1161  
00:47:31,429 --> 00:47:35,868  
interview from years ago about police

1162  
00:47:33,230 --> 00:47:38,480  
so-called police psychics coming up next

1163  
00:47:35,869 --> 00:47:40,130  
week it's a busy week ahead for

1164  
00:47:38,480 --> 00:47:42,679  
Australian skeptics we look forward to

1165  
00:47:40,130 --> 00:47:44,869  
seeing you at the convention and at the

1166  
00:47:42,679 --> 00:47:47,058  
free social night with the trivia coming

1167  
00:47:44,869 --> 00:47:49,068  
up links on this week's show notes but

1168  
00:47:47,059 --> 00:47:55,970  
for now this is Richard Saunders signing

1169

00:47:49,068 --> 00:47:58,009  
off from Sydney Australia you've been

1170  
00:47:55,969 --> 00:48:04,939  
listening to the skeptic zone podcast

1171  
00:47:58,009 --> 00:48:07,429  
please visit our website at [wwlp.com](http://wwlp.com) tax

1172  
00:48:04,940 --> 00:48:11,450  
and to access the bat catalog of

1173  
00:48:07,429 --> 00:48:13,159  
episodes going back to 2008 you can

1174  
00:48:11,449 --> 00:48:16,219  
follow the skeptic zone podcast on

1175  
00:48:13,159 --> 00:48:18,500  
twitter at skeptic zone visit our

1176  
00:48:16,219 --> 00:48:21,889  
facebook page or leave a review on

1177  
00:48:18,500 --> 00:48:25,250  
itunes you can also support the skeptic

1178  
00:48:21,889 --> 00:48:27,618  
zone via patreon or PayPal the skeptic

1179  
00:48:25,250 --> 00:48:29,778  
zone podcast is an independent

1180  
00:48:27,619 --> 00:48:31,759  
production the views and opinions

1181  
00:48:29,778 --> 00:48:33,920  
expressed on the skeptic zone are not

1182  
00:48:31,759 --> 00:48:36,869  
necessarily those of Australian skeptics

1183  
00:48:33,920 --> 00:48:43,168

or any other sceptical organisation

1184

00:48:36,869 --> 00:48:43,168

[Music]

1185

00:48:48,739 --> 00:48:54,179

it's all the people who listen to the

1186

00:48:51,239 --> 00:48:57,029

show after the music may nod and I had a

1187

00:48:54,179 --> 00:48:58,799

listener I love your phone's going off I

1188

00:48:57,030 --> 00:49:00,180

had a listener write in and say that we

1189

00:48:58,800 --> 00:49:02,970

should call this section the

1190

00:49:00,179 --> 00:49:04,980

afterthoughts that's good that's good

1191

00:49:02,969 --> 00:49:06,209

afterthoughts yep that's a good one for

1192

00:49:04,980 --> 00:49:12,090

it that's a that's a good one I think

1193

00:49:06,210 --> 00:49:14,460

that person should get a prize they

1194

00:49:12,090 --> 00:49:16,200

won't be getting a prize well this is

1195

00:49:14,460 --> 00:49:17,789

pretty special because we know that if

1196

00:49:16,199 --> 00:49:20,489

you are listening at half of the credits

1197

00:49:17,789 --> 00:49:22,079

you ask one starve entertainment and

1198  
00:49:20,489 --> 00:49:23,909  
probably not a lot of as they like to

1199  
00:49:22,079 --> 00:49:26,190  
say time on your hands a bit like

1200  
00:49:23,909 --> 00:49:27,659  
vampire Simpsons so while you know while

1201  
00:49:26,190 --> 00:49:29,608  
you're not shaking your fist at a cloud

1202  
00:49:27,659 --> 00:49:30,539  
in an angry manner why don't you roll

1203  
00:49:29,608 --> 00:49:33,779  
the dice Roger

1204  
00:49:30,539 --> 00:49:35,880  
I will folks I have it right here

1205  
00:49:33,780 --> 00:49:38,190  
my dad and I are the first ones here at

1206  
00:49:35,880 --> 00:49:41,309  
skeptics in the pub by the way so I have

1207  
00:49:38,190 --> 00:49:43,880  
the 10 sided diet today folks may know

1208  
00:49:41,309 --> 00:49:48,119  
why don't you do the honors may not just

1209  
00:49:43,880 --> 00:49:49,920  
is that a four-four okay for the first

1210  
00:49:48,119 --> 00:49:52,230  
number is four we're gonna roll it four

1211  
00:49:49,920 --> 00:49:54,420  
times okay and so what is the chance of

1212  
00:49:52,230 --> 00:49:58,829  
someone getting all four numbers correct

1213  
00:49:54,420 --> 00:50:01,230  
it's 10 times 10 times 10 times 10 so

1214  
00:49:58,829 --> 00:50:03,719  
it's seven yes right one in seven chairs

1215  
00:50:01,230 --> 00:50:06,960  
okay so first number was four second

1216  
00:50:03,719 --> 00:50:10,649  
number is five oh I can see a pattern

1217  
00:50:06,960 --> 00:50:15,059  
here five third number is seven seven

1218  
00:50:10,650 --> 00:50:17,369  
four five seven zero four five seven

1219  
00:50:15,059 --> 00:50:19,619  
zero which is also Richards pin number

1220  
00:50:17,369 --> 00:50:21,960  
hits well you can take that at zero or

1221  
00:50:19,619 --> 00:50:26,340  
10 if you take the 1 as 1 it goes run a

1222  
00:50:21,960 --> 00:50:30,000  
little on them right up to 0 10 so 4 5 7

1223  
00:50:26,340 --> 00:50:31,260  
10 no what does it mean well I think

1224  
00:50:30,000 --> 00:50:34,139  
you've got those numbers you've won

1225  
00:50:31,260 --> 00:50:35,970  
yourself a meat tray that's somewhere in

1226

00:50:34,139 --> 00:50:37,289  
the world you just have to go and ask

1227  
00:50:35,969 --> 00:50:39,209  
them it could take you a while but

1228  
00:50:37,289 --> 00:50:40,980  
eventually you will find if you ask it

1229  
00:50:39,210 --> 00:50:42,720  
an infinite number of pubs for an

1230  
00:50:40,980 --> 00:50:45,208  
infinite number of meat trays you will

1231  
00:50:42,719 --> 00:50:48,278  
get an infinite number of meat

1232  
00:50:45,208 --> 00:50:50,169  
an infinite amount of meat is I think

1233  
00:50:48,278 --> 00:50:52,239  
you will all right all right

1234  
00:50:50,170 --> 00:50:54,068  
one more one more for all the people who

1235  
00:50:52,239 --> 00:50:56,048  
didn't get any numbers and there would

1236  
00:50:54,068 --> 00:50:58,179  
be a lot of you I'm gonna roll it one

1237  
00:50:56,048 --> 00:51:00,358  
more time use your psychic powers here

1238  
00:50:58,179 --> 00:51:03,548  
it comes

1239  
00:51:00,358 --> 00:51:04,179  
three three well done there and thank

1240  
00:51:03,548 --> 00:51:06,670

you for listening

1241

00:51:04,179 --> 00:51:07,239

we must apologize that there are no cats

1242

00:51:06,670 --> 00:51:10,450

oh hang on

1243

00:51:07,239 --> 00:51:12,458

here come the skeptical cats will

1244

00:51:10,449 --> 00:51:13,899

scriptable cats hi skeptical cats I

1245

00:51:12,458 --> 00:51:16,509

believe you've got the power of speech

1246

00:51:13,900 --> 00:51:19,119

yes we believe in evidence-based talking

1247

00:51:16,509 --> 00:51:22,498

well done cats see you later meow meow

1248

00:51:19,119 --> 00:51:22,499

that's amazing