

1
00:00:00,000 --> 00:00:05,759
you're listening to skep tide I'm Brian

2
00:00:02,428 --> 00:00:09,539
Dunning from sceptile calm the Naga

3
00:00:05,759 --> 00:00:12,120
fireballs during the full moon reaching

4
00:00:09,539 --> 00:00:15,808
you have to download and river what boy

5
00:00:12,119 --> 00:00:24,229
he has a podcast strordinario that's

6
00:00:15,808 --> 00:00:24,229
not a podcast that's a podcast

7
00:00:36,780 --> 00:00:43,518
hello and welcome to the skeptic zone

8
00:00:39,479 --> 00:00:47,128
episode number 64 the 11th of December

9
00:00:43,518 --> 00:00:49,500
2009 with apologies to Brian Dunning and

10
00:00:47,128 --> 00:00:51,329
many thanks to Carrie I win for helping

11
00:00:49,500 --> 00:00:53,250
me out with that silly bit at the

12
00:00:51,329 --> 00:00:55,079
beginning of the show on this week's

13
00:00:53,250 --> 00:00:57,329
show we have an interview with a good

14
00:00:55,079 --> 00:00:58,890
friend of Australian skeptics in fact he

15
00:00:57,329 --> 00:01:03,210
was skeptic of the year and about all

16
00:00:58,890 --> 00:01:05,129
2002 I think dr. Paul Willis now many

17
00:01:03,210 --> 00:01:06,840
people in Australia will know dr. Paul

18
00:01:05,129 --> 00:01:09,240
Willis he's one of the reporters on the

19
00:01:06,840 --> 00:01:11,280
catalyst television program the science

20
00:01:09,239 --> 00:01:14,250
program we'll be chatting to Paul very

21
00:01:11,280 --> 00:01:17,250
soon after that we have dr. Reggie

22
00:01:14,250 --> 00:01:20,700
reports and she'll be chatting to dr.

23
00:01:17,250 --> 00:01:23,489
Adam Hamlin from the Queensland Brain

24
00:01:20,700 --> 00:01:25,340
Institute all about brain cells and

25
00:01:23,489 --> 00:01:29,158
diseases and all that sort of thing and

26
00:01:25,340 --> 00:01:33,359
after that we have the think tank so sit

27
00:01:29,159 --> 00:01:36,210
back have a nice glass of cognac why not

28
00:01:33,359 --> 00:01:38,420
and enjoy this episode of the skeptic

29

00:01:36,209 --> 00:01:38,419
zone

30
00:01:50,739 --> 00:01:55,399
dr. Paul Willis certainly known to many

31
00:01:53,239 --> 00:01:58,280
Australian listeners is a reporter on

32
00:01:55,400 --> 00:02:02,080
the ABCs flagship science program

33
00:01:58,280 --> 00:02:04,579
catalyst Paul has a PhD in paleontology

34
00:02:02,079 --> 00:02:06,469
and while I could wrap it on about Paul

35
00:02:04,579 --> 00:02:08,659
for ages he's also skeptic of the year

36
00:02:06,469 --> 00:02:09,978
look if you google dr. Paul witless

37
00:02:08,659 --> 00:02:11,870
you'll find his page and there's

38
00:02:09,979 --> 00:02:14,480
actually a little video there telling

39
00:02:11,870 --> 00:02:16,789
you all about himself by himself if you

40
00:02:14,479 --> 00:02:18,679
see what I mean I caught up with Paul

41
00:02:16,789 --> 00:02:21,769
Willis at the offices of the ABC

42
00:02:18,680 --> 00:02:24,709
television center and i press the wrong

43
00:02:21,770 --> 00:02:27,050

button on my recording unit so apologies

44

00:02:24,709 --> 00:02:28,849
for the slight loss of quality during

45

00:02:27,050 --> 00:02:36,640
this interview but the interview is

46

00:02:28,849 --> 00:02:39,169
pretty interesting nevertheless and

47

00:02:36,639 --> 00:02:41,238
we've come to the ABC we're talking with

48

00:02:39,169 --> 00:02:43,009
dr. Paul Willis now dr. Paul you're

49

00:02:41,239 --> 00:02:45,950
currently working for catalyst the

50

00:02:43,009 --> 00:02:47,569
sideshow aren't you I am indeed most of

51

00:02:45,949 --> 00:02:50,810
my time is segment with catalyst but

52

00:02:47,569 --> 00:02:52,609
they around to various bits and pieces

53

00:02:50,810 --> 00:02:55,459
all throughout the ABC network or what

54

00:02:52,610 --> 00:02:57,320
we're one big extremely happy family I

55

00:02:55,459 --> 00:03:00,319
get that impression you certainly aren't

56

00:02:57,319 --> 00:03:02,780
and certainly catalyst is what the

57

00:03:00,319 --> 00:03:05,090
flagship sideshow of the ABCs we can

58
00:03:02,780 --> 00:03:07,189
happily say that we are the most

59
00:03:05,090 --> 00:03:09,739
outstanding science program in the

60
00:03:07,189 --> 00:03:12,859
country simply because there really

61
00:03:09,739 --> 00:03:15,200
isn't any competition we're one of the

62
00:03:12,860 --> 00:03:17,600
few science magazines in fact I think

63
00:03:15,199 --> 00:03:20,599
any other country has a science magazine

64
00:03:17,599 --> 00:03:22,519
program anymore that format the idea

65
00:03:20,599 --> 00:03:25,699
that you take half an hour or an hour of

66
00:03:22,519 --> 00:03:27,680
television time devote it to science and

67
00:03:25,699 --> 00:03:30,500
break it down into three four five

68
00:03:27,680 --> 00:03:32,689
stories in that side it used to be quite

69
00:03:30,500 --> 00:03:34,669
involved if you go back 20 years or so

70
00:03:32,689 --> 00:03:37,340
was but then even programs like

71
00:03:34,669 --> 00:03:40,069
tomorrow's world in England what that

72
00:03:37,340 --> 00:03:41,479
was can five or six years ago so wear

73
00:03:40,069 --> 00:03:44,209
something of a dinosaur but we're

74
00:03:41,479 --> 00:03:46,369
actually showing through the audience

75
00:03:44,209 --> 00:03:48,979
following that we have that in fact

76
00:03:46,370 --> 00:03:52,129
there really is a market there is an NN

77
00:03:48,979 --> 00:03:54,858
need for science on television in that

78
00:03:52,129 --> 00:03:56,039
format oh I think so and now it's just

79
00:03:54,859 --> 00:03:58,409
occurred to me are

80
00:03:56,039 --> 00:04:02,908
number two or three years ago you

81
00:03:58,408 --> 00:04:05,250
actually repeated the BBC show which was

82
00:04:02,908 --> 00:04:07,828
James Randi testing homeopathy it wasn't

83
00:04:05,250 --> 00:04:09,479
that a huge ratings winner for that did

84
00:04:07,829 --> 00:04:11,010
very well in that slot now I'm you're

85
00:04:09,479 --> 00:04:16,319
actually going back if i'm not mistaken

86

00:04:11,009 --> 00:04:19,288
for the 2001 2002 that long ago that was

87
00:04:16,319 --> 00:04:22,560
back in the early days of catalyst we

88
00:04:19,288 --> 00:04:24,750
started in 2001 ah and that was I think

89
00:04:22,560 --> 00:04:27,769
one of our first plans yeah that's

90
00:04:24,750 --> 00:04:30,629
that's the memory the years go by and

91
00:04:27,769 --> 00:04:32,219
indignant and speaking of you is to have

92
00:04:30,629 --> 00:04:34,889
your own natural colored hair back in

93
00:04:32,220 --> 00:04:39,360
nice days really know you remember that

94
00:04:34,889 --> 00:04:40,918
yes I'm pleased um speaking about going

95
00:04:39,360 --> 00:04:42,569
back years and years and something i

96
00:04:40,918 --> 00:04:45,329
really really want to talk to you about

97
00:04:42,569 --> 00:04:46,949
this before the podcast before all that

98
00:04:45,329 --> 00:04:48,329
sort of stuff before the skeptics owns

99
00:04:46,949 --> 00:04:50,490
kept toward the skeptics guide of the

100
00:04:48,329 --> 00:04:53,668

universe you were putting together a

101

00:04:50,490 --> 00:04:56,160

series of short segments on skepticism

102

00:04:53,668 --> 00:05:00,750

meant for broadcast they were called the

103

00:04:56,160 --> 00:05:02,280

correct file yeah looked at genesis of

104

00:05:00,750 --> 00:05:05,430

the cracks files is actually an

105

00:05:02,279 --> 00:05:08,339

embarrassment to be honest what year we

106

00:05:05,430 --> 00:05:11,310

talk we're talking nineteen nineteen

107

00:05:08,339 --> 00:05:14,459

ninety-six late nineteen ninety-six wow

108

00:05:11,310 --> 00:05:16,949

I was catching a train into the ABC

109

00:05:14,459 --> 00:05:19,259

because I'd been invited in for an

110

00:05:16,949 --> 00:05:23,189

interview for a position as a science

111

00:05:19,259 --> 00:05:24,839

broadcast trainee and it only actually

112

00:05:23,189 --> 00:05:26,788

occurred to me on the train on the way

113

00:05:24,839 --> 00:05:29,038

and as part of the interview they might

114

00:05:26,788 --> 00:05:31,469

actually ask me well what would you like

115
00:05:29,038 --> 00:05:34,699
to do on on radio or television you know

116
00:05:31,470 --> 00:05:37,229
I do you have some ideas for content and

117
00:05:34,699 --> 00:05:39,449
at that time the x-files was

118
00:05:37,228 --> 00:05:40,800
particularly big on television yeah it's

119
00:05:39,449 --> 00:05:43,830
probably the biggest thing on television

120
00:05:40,800 --> 00:05:46,348
at the time and it really irked me

121
00:05:43,829 --> 00:05:50,029
because there's a list we were nonsense

122
00:05:46,348 --> 00:05:53,189
about psychics and UFOs and

123
00:05:50,029 --> 00:05:55,319
cryptozoology and all that crap i'm

124
00:05:53,189 --> 00:05:58,228
using crapping context they're so

125
00:05:55,319 --> 00:06:00,959
surprised and I difficult and and so I

126
00:05:58,228 --> 00:06:02,879
thought okay if they ask me I'll say

127
00:06:00,959 --> 00:06:04,859
I'll put together a program and I'll

128
00:06:02,879 --> 00:06:08,490
call it the correct files and it it's a

129
00:06:04,860 --> 00:06:09,590
skeptical look nonsense and irrational

130
00:06:08,490 --> 00:06:11,449
thinking and

131
00:06:09,589 --> 00:06:13,429
and so if you could stop correct the

132
00:06:11,449 --> 00:06:15,709
correct files was apply on the air the x

133
00:06:13,430 --> 00:06:17,150
mark and I literally thought it up on

134
00:06:15,709 --> 00:06:20,750
the train on the way in Real's of you

135
00:06:17,149 --> 00:06:23,779
for the job and a couple of weeks later

136
00:06:20,750 --> 00:06:26,170
in early 97 I got a phone call saying

137
00:06:23,779 --> 00:06:28,309
well you've been successful

138
00:06:26,170 --> 00:06:30,890
congratulations you are you on one of

139
00:06:28,310 --> 00:06:34,939
the trainees and ID barely been in the

140
00:06:30,889 --> 00:06:36,919
job a week when one of the guys prague

141
00:06:34,939 --> 00:06:38,719
the nasty who was a triple j at that

142
00:06:36,920 --> 00:06:41,330
time who was also on the selection panel

143

00:06:38,720 --> 00:06:43,190
he turned around I mean he said I really

144
00:06:41,329 --> 00:06:45,939
like that idea you had about the cracks

145
00:06:43,189 --> 00:06:49,009
files do you want to produce it for

146
00:06:45,939 --> 00:06:51,110
triple j mmm because you say no to

147
00:06:49,009 --> 00:06:53,120
anything at all you're in trouble you

148
00:06:51,110 --> 00:06:54,860
know you've got to show enthusiasm so

149
00:06:53,120 --> 00:06:57,319
yeah of course all right yeah sure no

150
00:06:54,860 --> 00:06:59,030
problems you know I had no radio skills

151
00:06:57,319 --> 00:07:01,099
so I had no production skills I knew

152
00:06:59,029 --> 00:07:04,159
nothing he said okay I want the first

153
00:07:01,100 --> 00:07:06,530
one next week so I had to hit the ground

154
00:07:04,160 --> 00:07:10,610
running I had to that the correct files

155
00:07:06,529 --> 00:07:13,579
became my training ground for radio

156
00:07:10,610 --> 00:07:15,650
production for editing we did I did the

157
00:07:13,579 --> 00:07:17,419

whole lot from come up with the ideas

158

00:07:15,649 --> 00:07:19,879

for what each episode was going to be

159

00:07:17,420 --> 00:07:21,680

through to find the talent going out

160

00:07:19,879 --> 00:07:25,189

interviewing them taking those tapes

161

00:07:21,680 --> 00:07:27,259

back editing them we were just getting

162

00:07:25,189 --> 00:07:29,959

into electronic editing in things like

163

00:07:27,259 --> 00:07:32,319

pro tools and those days and producing

164

00:07:29,959 --> 00:07:34,849

them putting those packages together and

165

00:07:32,319 --> 00:07:37,670

so it was about two years that I was

166

00:07:34,850 --> 00:07:39,080

doing the correct files yeah and and

167

00:07:37,670 --> 00:07:41,480

yeah just came about as the

168

00:07:39,079 --> 00:07:42,859

embarrassment of wanting to look like I

169

00:07:41,480 --> 00:07:45,910

knew what I was talking about the job

170

00:07:42,860 --> 00:07:48,439

interview but you chose the skeptical

171

00:07:45,910 --> 00:07:50,240

outlook on these matters and I'm Jeff

172
00:07:48,439 --> 00:07:51,829
we're just casting I now over to the

173
00:07:50,240 --> 00:07:54,110
monitor here we've got the website up

174
00:07:51,829 --> 00:07:56,870
now this is the exciting thing all those

175
00:07:54,110 --> 00:08:02,590
episodes are archived and anybody can go

176
00:07:56,870 --> 00:08:07,939
along and the website is WWE be co nhau

177
00:08:02,589 --> 00:08:11,149
/ science / corrects which is spelt cor

178
00:08:07,939 --> 00:08:14,269
re X and there they all are yeah well

179
00:08:11,149 --> 00:08:17,839
another part of the traineeship it was a

180
00:08:14,269 --> 00:08:20,870
science broadcaster online radio and

181
00:08:17,839 --> 00:08:23,239
television hmm so not only were these

182
00:08:20,870 --> 00:08:25,639
things produced for radio originally

183
00:08:23,240 --> 00:08:28,759
but then I had to adapt them for online

184
00:08:25,639 --> 00:08:31,310
as part of the traineeship and so what

185
00:08:28,759 --> 00:08:34,849
you're looking at there on that website

186
00:08:31,310 --> 00:08:37,788
is stuff i put together 11 years ago 12

187
00:08:34,849 --> 00:08:40,430
years ago then some patience as part of

188
00:08:37,788 --> 00:08:42,408
my traineeship at the ABC and you scored

189
00:08:40,429 --> 00:08:43,819
and we can see almost right at the top

190
00:08:42,408 --> 00:08:45,588
of the page of course a series of

191
00:08:43,820 --> 00:08:50,778
interviews at that time with James Randi

192
00:08:45,589 --> 00:08:54,920
yeah at the end of 297 at the end of the

193
00:08:50,778 --> 00:08:57,080
first year I was slated to go to the

194
00:08:54,919 --> 00:08:59,179
triple-a s conference in Philadelphia

195
00:08:57,080 --> 00:09:04,730
the American Association for the

196
00:08:59,179 --> 00:09:10,399
Advancement of science in january or

197
00:09:04,730 --> 00:09:12,350
februari in 1998 and i was asked if

198
00:09:10,399 --> 00:09:14,539
there was anything else I'd like to do

199
00:09:12,350 --> 00:09:19,100
after i was there in the United States

200

00:09:14,539 --> 00:09:21,230
and I said well amongst other Prydie as

201
00:09:19,100 --> 00:09:24,200
I put forward I said why don't I go down

202
00:09:21,230 --> 00:09:26,990
to Fort Lauderdale and have a chat with

203
00:09:24,200 --> 00:09:29,180
james randi I see you went to him we

204
00:09:26,990 --> 00:09:31,129
went to Fergus jf yes I actually

205
00:09:29,179 --> 00:09:33,739
actually went to Fort Lauderdale right

206
00:09:31,129 --> 00:09:36,078
to interview james randi on a variety of

207
00:09:33,740 --> 00:09:39,589
subjects and they became a sort of

208
00:09:36,078 --> 00:09:42,259
special part of the cracks file site

209
00:09:39,589 --> 00:09:45,050
dead our the five interviews with James

210
00:09:42,259 --> 00:09:48,110
ran directly no now there we go yeah but

211
00:09:45,049 --> 00:09:50,750
we did and it was great meeting James so

212
00:09:48,110 --> 00:09:52,519
you know he's inspirational and he is

213
00:09:50,750 --> 00:09:56,419
just but I mean something else that we

214
00:09:52,519 --> 00:09:59,449

did on the crackphone was we ran for

215

00:09:56,419 --> 00:10:02,059

tooth out of it for 1998 geez that's

216

00:09:59,450 --> 00:10:06,528

last millennium we actually ran an

217

00:10:02,059 --> 00:10:07,969

audience prediction segment we're at the

218

00:10:06,528 --> 00:10:10,850

beginning of the year we asked the

219

00:10:07,970 --> 00:10:12,980

audience to make predictions for the

220

00:10:10,850 --> 00:10:15,379

year and then at the end of the year we

221

00:10:12,980 --> 00:10:17,870

scored iment and that's all up on the

222

00:10:15,379 --> 00:10:19,850

the site as well and it was quite

223

00:10:17,870 --> 00:10:21,320

incredible the sorts of things some

224

00:10:19,850 --> 00:10:24,320

people actually entered it in a very

225

00:10:21,320 --> 00:10:26,240

serious time the other people took it in

226

00:10:24,320 --> 00:10:28,879

the town that it was meant to have look

227

00:10:26,240 --> 00:10:30,950

just blab and the thing is is that when

228

00:10:28,879 --> 00:10:33,110

you go through your fund that if there

229
00:10:30,950 --> 00:10:35,839
were any hits at all it was purely

230
00:10:33,110 --> 00:10:36,899
coincident by the people who are dead

231
00:10:35,839 --> 00:10:40,410
there for a dog

232
00:10:36,899 --> 00:10:42,688
yeah but that actually followed on

233
00:10:40,409 --> 00:10:45,480
because part of the the launch of the

234
00:10:42,688 --> 00:10:47,368
cracks files originally was we did a

235
00:10:45,480 --> 00:10:50,789
psychic test and this was actually where

236
00:10:47,369 --> 00:10:54,509
I first came to the skeptics for

237
00:10:50,789 --> 00:10:56,938
assistance the Australians kept yes we

238
00:10:54,509 --> 00:10:59,759
organized the test that we could promote

239
00:10:56,938 --> 00:11:03,389
as part of the correct files initial

240
00:10:59,759 --> 00:11:06,360
round of shows and that was a psychic

241
00:11:03,389 --> 00:11:09,209
test I took for common objects and i

242
00:11:06,360 --> 00:11:12,480
sealed them up in boxes and I went round

243
00:11:09,208 --> 00:11:14,338
to cover psychics and said is this a

244
00:11:12,480 --> 00:11:16,769
doable test can you tell me what's in

245
00:11:14,339 --> 00:11:18,540
these boxes and they said yes is it

246
00:11:16,769 --> 00:11:21,509
possible for people listening to our

247
00:11:18,539 --> 00:11:23,490
program to predict what's in these boxes

248
00:11:21,509 --> 00:11:25,110
they said they shouldn't be private you

249
00:11:23,490 --> 00:11:27,839
can do it a number of ways that was the

250
00:11:25,110 --> 00:11:30,089
one that blew me away yeah we could

251
00:11:27,839 --> 00:11:31,769
actually do it by clairvoyance and go

252
00:11:30,089 --> 00:11:33,839
back in times when you're putting it in

253
00:11:31,769 --> 00:11:35,970
a box or we could just simply see

254
00:11:33,839 --> 00:11:39,360
through the boxes it's like great I'm

255
00:11:35,970 --> 00:11:40,889
gonna get creamed here and and and the

256
00:11:39,360 --> 00:11:42,539
results of that test to rule out there

257

00:11:40,889 --> 00:11:44,490
and of course none of them came within a

258
00:11:42,539 --> 00:11:45,870
bull roar of guessing what these objects

259
00:11:44,490 --> 00:11:48,269
were it's interesting you should put

260
00:11:45,870 --> 00:11:50,149
those methods to me because I

261
00:11:48,269 --> 00:11:53,159
remembering listening to you live on

262
00:11:50,149 --> 00:11:56,129
probably triple j now ten years ago

263
00:11:53,159 --> 00:11:59,188
where you were talking with a psychic in

264
00:11:56,129 --> 00:12:02,399
the studio and you'd brought in from

265
00:11:59,188 --> 00:12:04,948
memory that was James term bubble is it

266
00:12:02,399 --> 00:12:07,230
James said Simon Simon tone but you know

267
00:12:04,948 --> 00:12:10,769
in in a sealed envelope a lottery ticket

268
00:12:07,230 --> 00:12:13,789
wasn't it yeah yes yes I i bought in a

269
00:12:10,769 --> 00:12:17,850
common object and before we went on air

270
00:12:13,789 --> 00:12:19,948
as you may know i think this depends on

271
00:12:17,850 --> 00:12:24,298

people's personal values when it comes

272

00:12:19,948 --> 00:12:28,558
to confronting but i don't like

273

00:12:24,298 --> 00:12:32,759
to to spring things on people too

274

00:12:28,558 --> 00:12:35,219
unprepared and so and i actually think

275

00:12:32,759 --> 00:12:37,470
it makes the case stronger if you get

276

00:12:35,220 --> 00:12:40,259
permission from the other party to be

277

00:12:37,470 --> 00:12:42,209
involved our front right and so I said

278

00:12:40,259 --> 00:12:44,639
to Simon before when I said look Simon

279

00:12:42,208 --> 00:12:46,409
I've got a very simple test that I want

280

00:12:44,639 --> 00:12:49,409
to do on air with you are you interested

281

00:12:46,409 --> 00:12:51,028
he said no problem it'll be dead easy

282

00:12:49,409 --> 00:12:52,350
and I said okay all I've put something

283

00:12:51,028 --> 00:12:54,720
in this envelope you tell me what it is

284

00:12:52,350 --> 00:12:55,889
and we went through it and he felt the

285

00:12:54,720 --> 00:12:57,180
envelope all the way through the

286
00:12:55,889 --> 00:13:01,829
interview and at the end of it he said

287
00:12:57,179 --> 00:13:03,508
it's something to do with space and we

288
00:13:01,828 --> 00:13:05,519
opened it and it was a lottery ticket

289
00:13:03,509 --> 00:13:09,959
yeah but it was one of the scratch

290
00:13:05,519 --> 00:13:11,698
lottery tickets and it were I can't

291
00:13:09,958 --> 00:13:14,250
remember what the theme was but parlor

292
00:13:11,698 --> 00:13:17,309
coloring was a sort of metallic

293
00:13:14,250 --> 00:13:20,429
culinary silvery Halle on the thing he

294
00:13:17,309 --> 00:13:23,219
said there you go that's it see is

295
00:13:20,429 --> 00:13:27,958
metallic that means spice and it was

296
00:13:23,220 --> 00:13:29,579
like I how much more rope do you have to

297
00:13:27,958 --> 00:13:32,039
give these bastards before they hang

298
00:13:29,578 --> 00:13:34,378
themselves really through the cracks

299
00:13:32,039 --> 00:13:36,419
files I must have found every major

300
00:13:34,379 --> 00:13:37,949
psychic in the country you know we've

301
00:13:36,419 --> 00:13:41,370
found that people who claim to be

302
00:13:37,948 --> 00:13:43,979
psychics to Diana a lady died and all

303
00:13:41,370 --> 00:13:46,889
those sort of stuff not one of them

304
00:13:43,980 --> 00:13:49,589
answered the phone directly they all had

305
00:13:46,889 --> 00:13:51,990
answering machines how much faith can

306
00:13:49,589 --> 00:13:54,300
any human being put on the psychic their

307
00:13:51,990 --> 00:13:55,620
needs an answering machine I mean they

308
00:13:54,299 --> 00:13:57,990
should be able to work with the bloody

309
00:13:55,620 --> 00:13:59,549
phones with the ringer turned off yes an

310
00:13:57,990 --> 00:14:01,528
answer at the site Paul I know what your

311
00:13:59,549 --> 00:14:03,059
question is you know they don't actually

312
00:14:01,528 --> 00:14:05,818
have some faith in it but seriously

313
00:14:03,059 --> 00:14:07,768
you're right and but the come back they

314

00:14:05,818 --> 00:14:10,379
always come and say is part doesn't work

315
00:14:07,769 --> 00:14:12,839
that way how does it bloody work you're

316
00:14:10,379 --> 00:14:15,120
the psychic and and of course the

317
00:14:12,839 --> 00:14:17,670
mirrors yesterday when this is the this

318
00:14:15,120 --> 00:14:19,589
is the frustration not only dealing with

319
00:14:17,669 --> 00:14:24,948
them but like I've done a lot of work

320
00:14:19,589 --> 00:14:27,810
against the creation you have and my

321
00:14:24,948 --> 00:14:30,719
predecessor my PhD supervisor mark

322
00:14:27,809 --> 00:14:33,688
Archer he gave me the phrase that it's

323
00:14:30,720 --> 00:14:36,240
like nailing chili to a wall and that's

324
00:14:33,688 --> 00:14:39,448
the same with the psychics doesn't

325
00:14:36,240 --> 00:14:41,938
matter how much you try and say look

326
00:14:39,448 --> 00:14:44,938
let's analyze what it is you claim that

327
00:14:41,938 --> 00:14:47,549
you can do let's take a serious look at

328
00:14:44,938 --> 00:14:49,469

what you've got they will always try and

329

00:14:47,549 --> 00:14:52,979

find wriggle room to get out of course

330

00:14:49,470 --> 00:14:56,730

that I will never admit oh I must be

331

00:14:52,980 --> 00:14:58,230

from yeah yeah and and Dawkins makes

332

00:14:56,730 --> 00:14:59,579

this point about science and to be

333

00:14:58,230 --> 00:15:01,009

honest I think he makes it in a bit of a

334

00:14:59,578 --> 00:15:04,069

we'll see way

335

00:15:01,009 --> 00:15:07,250

that the strength of science is that we

336

00:15:04,070 --> 00:15:08,780

can theoretically at least admit when

337

00:15:07,250 --> 00:15:11,419

we're wrong yeah I've seen plenty of

338

00:15:08,779 --> 00:15:13,370

Silas who don't do yeah but that is

339

00:15:11,419 --> 00:15:15,409

actually a theoretical strength of

340

00:15:13,370 --> 00:15:18,019

science that when we are shown to be

341

00:15:15,409 --> 00:15:20,269

wrong we we will admit that we're and

342

00:15:18,019 --> 00:15:23,299

comes out in the wash eventually and it

343
00:15:20,269 --> 00:15:25,279
came as a great shock to me how that

344
00:15:23,299 --> 00:15:27,649
doesn't apply in most other areas of

345
00:15:25,279 --> 00:15:30,019
reality it certainly doesn't apply in

346
00:15:27,649 --> 00:15:32,899
politics yeah and people you know

347
00:15:30,019 --> 00:15:35,449
involved as psychics or creationists or

348
00:15:32,899 --> 00:15:38,000
the anti-vaccination network and

349
00:15:35,450 --> 00:15:39,850
homeopathy and let's go through that

350
00:15:38,000 --> 00:15:43,190
whole list of people that we deal with

351
00:15:39,850 --> 00:15:45,889
that concept of them being wrong is

352
00:15:43,190 --> 00:15:48,610
never anywhere in their minds I actually

353
00:15:45,889 --> 00:15:52,179
find that quite frightening yeah yeah

354
00:15:48,610 --> 00:15:54,950
you're absolutely right and the

355
00:15:52,179 --> 00:15:56,809
reasoning and the mental gymnastics i

356
00:15:54,950 --> 00:15:58,940
will put themselves through upon the

357
00:15:56,809 --> 00:16:01,099
failure of a test it's it's the most

358
00:15:58,940 --> 00:16:03,380
classic example is the excuses the water

359
00:16:01,100 --> 00:16:06,170
dividers and they fail and those excuses

360
00:16:03,379 --> 00:16:08,480
a rich beyond measure and small Sagan

361
00:16:06,169 --> 00:16:12,229
might say full beyond measure and

362
00:16:08,480 --> 00:16:16,070
inventive but it's all the brain trying

363
00:16:12,230 --> 00:16:18,370
to protect itself mm-hmm you see what I

364
00:16:16,070 --> 00:16:20,600
mean that's fascinating well I and

365
00:16:18,370 --> 00:16:23,149
learning back to what I did say earlier

366
00:16:20,600 --> 00:16:26,360
you know science isn't immune from that

367
00:16:23,149 --> 00:16:29,419
kind of thinking and a human what is

368
00:16:26,360 --> 00:16:31,430
it's done by humans and to me one of the

369
00:16:29,419 --> 00:16:33,229
weaknesses of science is the fact that

370
00:16:31,429 --> 00:16:36,139
it won't admit that it's done by humans

371

00:16:33,230 --> 00:16:38,629
and so you get a lot of debates

372
00:16:36,139 --> 00:16:40,730
lingering on when they shouldn't because

373
00:16:38,629 --> 00:16:44,870
one side simply can't turn around and

374
00:16:40,730 --> 00:16:47,899
say okay look I know I've devoted my

375
00:16:44,870 --> 00:16:50,060
career to a particular proposition and

376
00:16:47,899 --> 00:16:53,929
my working life has been spent working

377
00:16:50,059 --> 00:16:57,829
in that field but I can't say that it's

378
00:16:53,929 --> 00:17:00,439
all wrong because it's my life you know

379
00:16:57,830 --> 00:17:03,020
yeah and there's a number of debates I

380
00:17:00,440 --> 00:17:05,509
think for instance the out of africa vs

381
00:17:03,019 --> 00:17:08,509
the map and regional hypothesis for

382
00:17:05,509 --> 00:17:11,709
human origins is a classic case there

383
00:17:08,509 --> 00:17:14,390
are a number of diehards in the in the

384
00:17:11,709 --> 00:17:16,880
multi-regional hypothesis

385
00:17:14,390 --> 00:17:18,500

they won't lie down and say die it

386

00:17:16,880 --> 00:17:22,100

doesn't matter what you present to them

387

00:17:18,500 --> 00:17:25,160

and it's it's it's AMV scientific it's

388

00:17:22,099 --> 00:17:27,439

non-scientific yeah but it's perfectly

389

00:17:25,160 --> 00:17:30,080

human yeah and I and I think that this

390

00:17:27,440 --> 00:17:32,750

is a dimension that's all too often lost

391

00:17:30,079 --> 00:17:35,929

in philosophers of science is they just

392

00:17:32,750 --> 00:17:40,730

keep thinking that no we could do better

393

00:17:35,930 --> 00:17:42,440

we can't we're only human well Paul what

394

00:17:40,730 --> 00:17:44,089

a pleasure it's been to catch up with

395

00:17:42,440 --> 00:17:47,150

you again we must do it more often have

396

00:17:44,089 --> 00:17:49,579

another cleansing ale and another chat

397

00:17:47,150 --> 00:17:52,970

but I just like just one why just one

398

00:17:49,579 --> 00:17:55,849

just before we wind it up I'm really

399

00:17:52,970 --> 00:17:57,980

keen that the listeners go and check out

400
00:17:55,849 --> 00:18:00,379
the correct files because let's see how

401
00:17:57,980 --> 00:18:03,920
many of them are there there was 1997

402
00:18:00,380 --> 00:18:05,420
and 1998 another 20 or produced each

403
00:18:03,920 --> 00:18:07,550
year when you know and all sorts of

404
00:18:05,420 --> 00:18:10,519
things talking to a psychic faces in

405
00:18:07,549 --> 00:18:13,599
space ancient technology good drugs

406
00:18:10,519 --> 00:18:15,980
future either Bible Code superstitions

407
00:18:13,599 --> 00:18:19,250
alternative medicines in there somewhere

408
00:18:15,980 --> 00:18:21,769
dreams energy amazing devices James

409
00:18:19,250 --> 00:18:23,569
Randi it's the show goes throughout 10

410
00:18:21,769 --> 00:18:25,549
minutes of Papa's know about five about

411
00:18:23,569 --> 00:18:28,159
five minutes and lovely bite-size chunks

412
00:18:25,549 --> 00:18:30,529
of skeptical investigations information

413
00:18:28,160 --> 00:18:32,450
you interview all sorts of people I well

414
00:18:30,529 --> 00:18:35,149
remember the one you did when you were

415
00:18:32,450 --> 00:18:37,880
interviewing an Egyptologist about her

416
00:18:35,150 --> 00:18:40,670
opinion whether the pyramids were

417
00:18:37,880 --> 00:18:45,200
constructed by alien so folks the

418
00:18:40,670 --> 00:18:51,050
correct files once again wwa BCE tu /

419
00:18:45,200 --> 00:18:52,850
science / correct cor are X and fall I

420
00:18:51,049 --> 00:18:56,930
certainly hope that you may be able to

421
00:18:52,849 --> 00:18:59,000
join us for the 2010 skeptics convention

422
00:18:56,930 --> 00:19:00,680
that sounds like a lot of fun if I get

423
00:18:59,000 --> 00:19:04,210
half a chance i'll be there excellent

424
00:19:00,680 --> 00:19:04,210
Paul worse thank you very much thank you

425
00:19:10,940 --> 00:19:15,299
yeah aight guys i was talking to Richard

426
00:19:13,319 --> 00:19:17,308
solvency today all right he said if we

427
00:19:15,299 --> 00:19:19,409
record a trailer for our podcast

428

00:19:17,308 --> 00:19:21,058
skeptics with a que he'd play it on

429
00:19:19,410 --> 00:19:22,410
their own vessel that's nice of him

430
00:19:21,058 --> 00:19:23,639
that's very generous it's pretty good

431
00:19:22,410 --> 00:19:25,590
i'm not sure what we could do though I

432
00:19:23,640 --> 00:19:27,750
mean well suppose you tell people the

433
00:19:25,589 --> 00:19:29,970
shows about but it's basically this yeah

434
00:19:27,750 --> 00:19:31,769
like yeah but you know we talk about

435
00:19:29,970 --> 00:19:33,210
science and skepticism and things that's

436
00:19:31,769 --> 00:19:34,500
that's true that's fuzzier you mentioned

437
00:19:33,210 --> 00:19:36,870
the website address what merseyside

438
00:19:34,500 --> 00:19:38,549
skeptics todo UK yeah yeah just like

439
00:19:36,869 --> 00:19:40,199
searches night UN's oh and then we could

440
00:19:38,549 --> 00:19:44,039
end with like a big song like the

441
00:19:40,200 --> 00:19:50,250
skeptics with okay god no no no no don't

442
00:19:44,039 --> 00:19:55,159

don't do that now it's time for dr.

443

00:19:50,250 --> 00:19:55,160

Rachel reports with dr. Rachel Dunlop

444

00:19:55,640 --> 00:20:00,570

hello listeners and welcome to dr.

445

00:19:58,079 --> 00:20:02,399

Richie reports this week I talked to

446

00:20:00,569 --> 00:20:06,000

another scientist working in the field

447

00:20:02,400 --> 00:20:08,100

in medical research dr. Adam Hamlin is a

448

00:20:06,000 --> 00:20:09,869

neuroscientist working in the nerve cell

449

00:20:08,099 --> 00:20:12,629

survival lab at the University of

450

00:20:09,869 --> 00:20:15,569

Queensland I met Adam at the recent

451

00:20:12,630 --> 00:20:17,400

skeptics convention in Brisbane and here

452

00:20:15,569 --> 00:20:19,859

Adam kindly takes me on a tour of his

453

00:20:17,400 --> 00:20:22,380

lab where he explains about his research

454

00:20:19,859 --> 00:20:24,599

into neurodegeneration and Alzheimer's

455

00:20:22,380 --> 00:20:26,370

disease so we're now walking into the

456

00:20:24,599 --> 00:20:30,029

foyer of the Queensland brain is to do

457
00:20:26,369 --> 00:20:32,669
um it's very immersive it's so I always

458
00:20:30,029 --> 00:20:35,940
got this for storing higher up with you

459
00:20:32,670 --> 00:20:37,890
by Fiona hall okay so famous Australian

460
00:20:35,940 --> 00:20:41,789
artist all right well let's go through

461
00:20:37,890 --> 00:20:43,660
the security hot off Hannah SWAT too

462
00:20:41,789 --> 00:20:46,720
soon

463
00:20:43,660 --> 00:20:51,519
so very high-tech here isn't it it is a

464
00:20:46,720 --> 00:20:54,460
good and so we're at the queensland

465
00:20:51,519 --> 00:20:57,160
university because it's the annual

466
00:20:54,460 --> 00:20:59,380
australian skeptics convention this

467
00:20:57,160 --> 00:21:00,910
weekend to you and so the conference is

468
00:20:59,380 --> 00:21:03,070
being held around the corner popular to

469
00:21:00,910 --> 00:21:05,140
life so this is the level are my

470
00:21:03,069 --> 00:21:09,189
soluta see so we're at level 6 away

471
00:21:05,140 --> 00:21:11,770
that's quick um so we have we work on

472
00:21:09,190 --> 00:21:14,289
the brain of everything from worms right

473
00:21:11,769 --> 00:21:17,109
through the humans here if it flies and

474
00:21:14,289 --> 00:21:19,119
bees and you're looking at outsiders is

475
00:21:17,109 --> 00:21:20,769
that your primary area of research so

476
00:21:19,119 --> 00:21:22,989
our lab is looking at neurodegeneration

477
00:21:20,769 --> 00:21:28,960
and Alzheimer's is a form of dementia

478
00:21:22,990 --> 00:21:31,329
isn't it yes one common and it is going

479
00:21:28,960 --> 00:21:33,220
to be a serious problem in the future

480
00:21:31,329 --> 00:21:37,119
you really don't want to be 20 or 30

481
00:21:33,220 --> 00:21:40,660
years old today because by about twenty

482
00:21:37,119 --> 00:21:43,239
fifty when that generation is getting

483
00:21:40,660 --> 00:21:48,700
older and stuffs get neurodegenerative

484
00:21:43,240 --> 00:21:51,039
diseases and the population is aging but

485

00:21:48,700 --> 00:21:53,559
also we're not having children anymore

486
00:21:51,039 --> 00:21:55,720
so we've had low birth rates with an

487
00:21:53,559 --> 00:21:58,149
aging population we're going to get

488
00:21:55,720 --> 00:22:00,759
neurodegenerative diseases so unless we

489
00:21:58,150 --> 00:22:02,110
really find something to help people

490
00:22:00,759 --> 00:22:04,299
ignore degeneration we're going to be in

491
00:22:02,109 --> 00:22:07,240
serious trouble so we've come into your

492
00:22:04,299 --> 00:22:09,460
research analysis are just the areas

493
00:22:07,240 --> 00:22:13,450
where this was the bench science goes up

494
00:22:09,460 --> 00:22:16,299
a lot of people I think of science lab

495
00:22:13,450 --> 00:22:17,680
has been very clean and pristine but so

496
00:22:16,299 --> 00:22:20,049
you'll see they're busy places in this

497
00:22:17,680 --> 00:22:22,120
we've got a lot of benches around us

498
00:22:20,049 --> 00:22:25,359
with lots of chemicals or short models

499
00:22:22,119 --> 00:22:28,029

and localism books is this your bench

500

00:22:25,359 --> 00:22:29,740

here yeah this is my Benji I'll work on

501

00:22:28,029 --> 00:22:30,879

a mouse model of our summers disease

502

00:22:29,740 --> 00:22:33,940

when we're trying to understand the

503

00:22:30,880 --> 00:22:36,400

mechanisms of the degeneration and we

504

00:22:33,940 --> 00:22:37,750

have a theory that the amyloid which is

505

00:22:36,400 --> 00:22:39,670

a component of

506

00:22:37,750 --> 00:22:42,309

oscommerce disease and which is the

507

00:22:39,670 --> 00:22:44,500

marker of people have our summers

508

00:22:42,309 --> 00:22:46,720

disease on autopsy they have also has an

509

00:22:44,500 --> 00:22:49,259

amyloid plaque in the file it's kind of

510

00:22:46,720 --> 00:22:51,759

like a tangle of protein yeah it's a

511

00:22:49,259 --> 00:22:53,740

mention that so we're actually looking

512

00:22:51,759 --> 00:22:56,289

at the stage of the amyloid before it

513

00:22:53,740 --> 00:22:59,049

turns into this large kilometer of

514
00:22:56,289 --> 00:23:01,809
protein in a soluble form and we have a

515
00:22:59,049 --> 00:23:05,259
theory that this is interacting with the

516
00:23:01,809 --> 00:23:06,940
particular receptor in a particular part

517
00:23:05,259 --> 00:23:09,670
of the broiler that's actually causing

518
00:23:06,940 --> 00:23:13,480
the degeneration and I use mice as my

519
00:23:09,670 --> 00:23:15,910
model and I inject amyloid proteins into

520
00:23:13,480 --> 00:23:18,309
the brain and I measure degeneration by

521
00:23:15,910 --> 00:23:21,009
visualizing parts of the brain using

522
00:23:18,309 --> 00:23:24,250
process called immunohistochemistry okay

523
00:23:21,009 --> 00:23:28,420
where we use an antibody that recognizes

524
00:23:24,250 --> 00:23:32,380
the circle shape of a protein and I soak

525
00:23:28,420 --> 00:23:34,750
the brains in this antibody and then I

526
00:23:32,380 --> 00:23:36,010
can visualize it so I can look at it

527
00:23:34,750 --> 00:23:38,380
under the microscope and actually

528
00:23:36,009 --> 00:23:39,700
physically see what's happening in cycle

529
00:23:38,380 --> 00:23:41,620
so you actually have to harvest the

530
00:23:39,700 --> 00:23:46,000
brain first and then you slice it very

531
00:23:41,619 --> 00:23:48,669
finely yes so yes I have to harvest the

532
00:23:46,000 --> 00:23:52,210
brains from the mice then I slice them

533
00:23:48,670 --> 00:23:55,539
up I slice them up into 40 micron slices

534
00:23:52,210 --> 00:23:57,309
which is 125th of a millimeter we use a

535
00:23:55,539 --> 00:23:59,470
really really really sharp life to do

536
00:23:57,309 --> 00:24:01,119
that it's a knife contained within its

537
00:23:59,470 --> 00:24:03,940
machine motion animated not actually

538
00:24:01,119 --> 00:24:05,289
just know I'm just a kitchen knife it's

539
00:24:03,940 --> 00:24:06,490
a very nice machine we can see some of

540
00:24:05,289 --> 00:24:08,230
the machines on the way out there on

541
00:24:06,490 --> 00:24:10,269
level 4 we have a histology sweep that

542

00:24:08,230 --> 00:24:12,940
has all the different knives where we

543
00:24:10,269 --> 00:24:15,369
can cut anything from nanometer sections

544
00:24:12,940 --> 00:24:17,980
to use an electron microscopy our right

545
00:24:15,369 --> 00:24:20,439
three to the large well relatively large

546
00:24:17,980 --> 00:24:22,779
sections that I do a 40 microns so how

547
00:24:20,440 --> 00:24:24,220
big can you describe to Alice's what a

548
00:24:22,779 --> 00:24:25,690
mouse brain being when you take you out

549
00:24:24,220 --> 00:24:27,370
of this how much brain is about it's

550
00:24:25,690 --> 00:24:29,259
about a centimeter long so it's the kind

551
00:24:27,369 --> 00:24:32,139
of as big as your thumb now maybe yeah

552
00:24:29,259 --> 00:24:34,119
about that size it's very small but my

553
00:24:32,140 --> 00:24:37,090
section we have all the same brain areas

554
00:24:34,119 --> 00:24:39,099
that a human has it has all the same you

555
00:24:37,089 --> 00:24:42,189
are transmitters all the same proteins

556
00:24:39,099 --> 00:24:45,129

so we can use mice to model the

557

00:24:42,190 --> 00:24:46,330

mechanisms of how amyloid is killing

558

00:24:45,130 --> 00:24:48,610

brain cells

559

00:24:46,329 --> 00:24:50,528

should relate to humans but one of the

560

00:24:48,609 --> 00:24:54,069

problems without summers in humans is

561

00:24:50,528 --> 00:24:55,648

that you can't really diagnose it as its

562

00:24:54,069 --> 00:24:57,700

occurring can you it's really only

563

00:24:55,648 --> 00:25:00,099

post-mortem or when people die that you

564

00:24:57,700 --> 00:25:01,538

can really see yes we have two main

565

00:25:00,099 --> 00:25:03,369

streams to our research one is

566

00:25:01,538 --> 00:25:05,619

understanding the mechanisms and the

567

00:25:03,369 --> 00:25:09,219

other is how can we diagnose it

568

00:25:05,619 --> 00:25:11,139

correctly and before the degeneration

569

00:25:09,220 --> 00:25:13,538

setting because once the brain has

570

00:25:11,140 --> 00:25:15,788

degenerated and died there's nothing we

571
00:25:13,538 --> 00:25:17,819
can do about it really so we have

572
00:25:15,788 --> 00:25:21,730
another project which is Lamar I project

573
00:25:17,819 --> 00:25:24,038
magnetic resonance imaging so it looks

574
00:25:21,730 --> 00:25:25,470
at our movement of water molecules in

575
00:25:24,038 --> 00:25:29,460
the brain and allows us to visualize

576
00:25:25,470 --> 00:25:32,288
brains in vivo so you know in a living

577
00:25:29,460 --> 00:25:34,840
person or animal by the time someone

578
00:25:32,288 --> 00:25:36,638
goes to a neuropsychologist with

579
00:25:34,839 --> 00:25:38,558
dementia problems it's too late by that

580
00:25:36,638 --> 00:25:41,319
stage the disease is probably be going

581
00:25:38,558 --> 00:25:44,259
for 20 years 20 years by the time you

582
00:25:41,319 --> 00:25:45,490
get severe enough cognitive deficits to

583
00:25:44,259 --> 00:25:47,079
actually go and seek help from the

584
00:25:45,490 --> 00:25:49,329
neuropsychology so we're just walking

585
00:25:47,079 --> 00:25:51,960
through the rest of our lab now so all

586
00:25:49,329 --> 00:25:54,928
these people in this area working on

587
00:25:51,960 --> 00:25:57,429
Alzheimer's yeah just in this area um

588
00:25:54,929 --> 00:25:59,110
over next to us is the Wallace group

589
00:25:57,429 --> 00:26:01,570
they work on epilepsy and motor neuron

590
00:25:59,109 --> 00:26:03,699
disease so geneticists people might be

591
00:26:01,569 --> 00:26:05,200
familiar with Stephen Hawking it was

592
00:26:03,700 --> 00:26:07,798
probably most famous person they've made

593
00:26:05,200 --> 00:26:10,028
a neuron disease yes he's a very special

594
00:26:07,798 --> 00:26:12,190
case because it's usually fatal within

595
00:26:10,028 --> 00:26:13,990
five years yeah he's got a form of Lou

596
00:26:12,190 --> 00:26:15,399
Gehrig's disease however hasn't he and

597
00:26:13,990 --> 00:26:19,028
that's usually faithful within about

598
00:26:15,398 --> 00:26:22,298
three years but yeah exceptional case

599

00:26:19,028 --> 00:26:23,950
yeah yes but and you mentioned that you

600
00:26:22,298 --> 00:26:26,048
work with mice Adam do you have an

601
00:26:23,950 --> 00:26:29,308
animal facility here or is that I'm

602
00:26:26,048 --> 00:26:31,319
somewhere else on campus soon we have a

603
00:26:29,308 --> 00:26:34,389
excellent animal

604
00:26:31,319 --> 00:26:36,399
all of our transgenic mice mm-hmm boss

605
00:26:34,390 --> 00:26:39,759
as well as all of our allies are

606
00:26:36,400 --> 00:26:41,890
breedings transgenic mice and mouse mice

607
00:26:39,759 --> 00:26:43,240
that have had their genes modified in

608
00:26:41,890 --> 00:26:45,610
somewhere so they might have a gene

609
00:26:43,240 --> 00:26:47,440
removed or an extra gene added so that

610
00:26:45,609 --> 00:26:49,659
you can then study the impact of that

611
00:26:47,440 --> 00:26:52,120
gene on yeah that's right it's really

612
00:26:49,660 --> 00:26:54,250
important to finding out what genes

613
00:26:52,119 --> 00:26:56,229

doing which is I guess what people used

614

00:26:54,250 --> 00:26:58,630

to refer to when the 90s is the scary

615

00:26:56,230 --> 00:27:00,250

term genetic engineering right we do

616

00:26:58,630 --> 00:27:01,360

that every day though there's nothing

617

00:27:00,250 --> 00:27:05,559

scary about it we're not creating

618

00:27:01,359 --> 00:27:08,079

monsters but still it's heavily

619

00:27:05,559 --> 00:27:11,289

controlled we're in what now is called a

620

00:27:08,079 --> 00:27:13,990

PC to the environment which is called a

621

00:27:11,289 --> 00:27:15,759

physical confinement area to because we

622

00:27:13,990 --> 00:27:18,039

do work on transgenic animals and we

623

00:27:15,759 --> 00:27:19,799

have transgenic tissues of all has to be

624

00:27:18,039 --> 00:27:22,420

contained so this loading an

625

00:27:19,799 --> 00:27:24,039

unintentional releases its cool so is

626

00:27:22,420 --> 00:27:26,110

this to prevent something like the movie

627

00:27:24,039 --> 00:27:27,690

outbreak where you know a virus escapes

628
00:27:26,109 --> 00:27:30,579
and then affects the whole of the

629
00:27:27,690 --> 00:27:32,769
community and everybody dies right I can

630
00:27:30,579 --> 00:27:36,369
get it stupid like that yeah not really

631
00:27:32,769 --> 00:27:38,500
like that that's what Hollywood makes it

632
00:27:36,369 --> 00:27:40,229
out to be like all right small because

633
00:27:38,500 --> 00:27:43,480
it sounds scary but it will actually

634
00:27:40,230 --> 00:27:45,549
make any difference i mean genetics are

635
00:27:43,480 --> 00:27:47,049
always changing even in the world and it

636
00:27:45,549 --> 00:27:48,970
might just be something as simple as one

637
00:27:47,049 --> 00:27:52,690
protein is modified as long as I've got

638
00:27:48,970 --> 00:27:55,299
five heads right no I will see that yet

639
00:27:52,690 --> 00:27:56,920
no I open over it's important to

640
00:27:55,299 --> 00:27:59,649
emphasize though to our listeners that

641
00:27:56,920 --> 00:28:01,960
there is a very strict process that you

642
00:27:59,650 --> 00:28:04,960
have to follow when you're using animals

643
00:28:01,960 --> 00:28:06,670
like that absolutely it is and I think

644
00:28:04,960 --> 00:28:09,120
it's really good that the public does

645
00:28:06,670 --> 00:28:12,550
neither be animals are used in research

646
00:28:09,119 --> 00:28:15,009
now they need to be used in research but

647
00:28:12,549 --> 00:28:16,869
it's heavily controlled but we have to

648
00:28:15,009 --> 00:28:19,000
go through ethics committees for every

649
00:28:16,869 --> 00:28:21,159
single one of our procedures are those

650
00:28:19,000 --> 00:28:24,339
ethics committees are both scientists

651
00:28:21,160 --> 00:28:26,650
and lay people and even people from

652
00:28:24,339 --> 00:28:28,929
animal rights groups sit on the

653
00:28:26,650 --> 00:28:31,950
committee so everything we do to the

654
00:28:28,930 --> 00:28:33,990
animals is heavily controlled and high

655
00:28:31,950 --> 00:28:35,788
ethical none of our animals will go

656

00:28:33,990 --> 00:28:37,769
through any suffering whatsoever as it

657
00:28:35,788 --> 00:28:39,929
would not be approved if ever we're

658
00:28:37,769 --> 00:28:41,399
doing surgery there's always the right

659
00:28:39,929 --> 00:28:43,980
anesthetics are used and there's

660
00:28:41,398 --> 00:28:45,959
analgesics used so if we just like

661
00:28:43,980 --> 00:28:50,009
treating a human if you were doing

662
00:28:45,960 --> 00:28:52,308
surgery and we have humane ways of

663
00:28:50,009 --> 00:28:55,528
sacrificing animals as well with either

664
00:28:52,308 --> 00:28:57,148
barbiturate overdose or other methods

665
00:28:55,528 --> 00:28:59,130
that are approved by the ethics

666
00:28:57,148 --> 00:29:02,099
committee we've just walked into another

667
00:28:59,130 --> 00:29:03,690
microscope racer microsemi microscope

668
00:29:02,099 --> 00:29:06,000
room for level six it looks like an

669
00:29:03,690 --> 00:29:07,980
expensive room and is an extremely

670
00:29:06,000 --> 00:29:09,778

expensive for millions and millions of

671

00:29:07,980 --> 00:29:12,690

dollars worth of equipment I can see

672

00:29:09,778 --> 00:29:15,240

probably about six or bloody more how

673

00:29:12,690 --> 00:29:19,350

many microscope cheering ah there's the

674

00:29:15,240 --> 00:29:23,250

six my prescription here we have two

675

00:29:19,349 --> 00:29:25,288

normal upright fluorescence microscope

676

00:29:23,250 --> 00:29:27,359

so that allows us to visualize

677

00:29:25,288 --> 00:29:29,819

fluorophores that we stick in the brain

678

00:29:27,359 --> 00:29:32,278

so we can look at look at the cells now

679

00:29:29,819 --> 00:29:34,138

they're all hooked up with high-end

680

00:29:32,278 --> 00:29:36,359

digital cameras that are about twenty

681

00:29:34,138 --> 00:29:39,178

five thousand dollars each for the

682

00:29:36,359 --> 00:29:41,428

cameras and so is this the room out of

683

00:29:39,179 --> 00:29:43,409

my you take photos of your brain because

684

00:29:41,429 --> 00:29:46,159

you sent Richard Saunders and I some

685
00:29:43,409 --> 00:29:48,510
beautiful pictures of brain sections

686
00:29:46,159 --> 00:29:50,909
after you saw the earrings that he make

687
00:29:48,509 --> 00:29:51,990
that we inspired by the pictures that

688
00:29:50,909 --> 00:29:54,539
you sent Richard that he made the

689
00:29:51,990 --> 00:29:57,000
earrings fort on on Twitter and went

690
00:29:54,538 --> 00:29:59,339
well I'd love Richard to do something

691
00:29:57,000 --> 00:30:01,230
with the images I take this I haven't

692
00:29:59,339 --> 00:30:03,388
really thought of doing anything with

693
00:30:01,230 --> 00:30:04,889
them so I sent him a few pictures and

694
00:30:03,388 --> 00:30:08,939
this is the room where I take them wow

695
00:30:04,888 --> 00:30:12,839
those pictures we we can use three or

696
00:30:08,940 --> 00:30:16,409
four colors to look at brain cells so

697
00:30:12,839 --> 00:30:18,509
it's a red green or blue so we can look

698
00:30:16,409 --> 00:30:21,299
at three different things in one brain

699
00:30:18,509 --> 00:30:23,429
section it's just a way of getting data

700
00:30:21,298 --> 00:30:24,929
so you reach the brains and you get the

701
00:30:23,429 --> 00:30:27,080
data but the images look absolutely

702
00:30:24,929 --> 00:30:28,880
spectacular as well so okay

703
00:30:27,079 --> 00:30:31,879
really inspiring when you take a really

704
00:30:28,880 --> 00:30:33,320
nice shot so it's a little bit more than

705
00:30:31,880 --> 00:30:35,510
the data because it looks pretty as well

706
00:30:33,319 --> 00:30:38,689
yeah you're actually looking down at

707
00:30:35,509 --> 00:30:40,398
brain cells in the brain so yeah it's

708
00:30:38,690 --> 00:30:42,380
really amazing just to see them and look

709
00:30:40,398 --> 00:30:44,178
at them well this is amazing Adam and

710
00:30:42,380 --> 00:30:47,600
thanks so much for showing us around

711
00:30:44,179 --> 00:30:50,509
your lab and good luck with the rest of

712
00:30:47,599 --> 00:30:52,668
your research and if you'd like to know

713

00:30:50,509 --> 00:30:54,259
more about the work of dr. Adam Hamlin

714
00:30:52,669 --> 00:30:58,330
and his colleagues at the Queensland

715
00:30:54,259 --> 00:31:02,869
brain institute head to dub dub dub QB i

716
00:30:58,329 --> 00:31:05,449
uq e dua you and for more information

717
00:31:02,869 --> 00:31:09,168
about alzheimer's you can search google

718
00:31:05,450 --> 00:31:11,960
or go to dub dub dub alzheimer's org a

719
00:31:09,169 --> 00:31:15,309
you and until next time this has been

720
00:31:11,960 --> 00:31:15,308
dr. Reggie reports

721
00:31:19,869 --> 00:31:25,279
this is brian dunning from the sceptile

722
00:31:22,910 --> 00:31:29,660
cast been enjoying your critical

723
00:31:25,279 --> 00:31:32,298
thinking shows in audio only you've been

724
00:31:29,660 --> 00:31:37,100
missing half the fun check out my new

725
00:31:32,298 --> 00:31:41,779
video podcast in fact on itunes or click

726
00:31:37,099 --> 00:31:44,298
it on skep tied com3 pilot episodes of

727
00:31:41,779 --> 00:31:46,789

in fact are available now for immediate

728

00:31:44,298 --> 00:31:49,129

viewing I'm looking for sponsorship to

729

00:31:46,789 --> 00:31:51,950

produce an entire first season of 13

730

00:31:49,130 --> 00:31:54,200

episodes and hopefully many more seasons

731

00:31:51,950 --> 00:31:56,330

to follow you can see the whole lineup

732

00:31:54,200 --> 00:31:59,450

and get all the other nuts and bolts if

733

00:31:56,329 --> 00:32:02,720

you go to skep tide come and click on in

734

00:31:59,450 --> 00:32:04,519

fact and don't forget to come back to

735

00:32:02,720 --> 00:32:08,558

the skeptic zone when you're done

736

00:32:04,519 --> 00:32:11,359

watching I I think it's audio only but

737

00:32:08,558 --> 00:32:17,418

that's okay I still like it this is

738

00:32:11,359 --> 00:32:20,389

brian dunning from sceptile calm join us

739

00:32:17,419 --> 00:32:23,140

now for drinking skeptically in the

740

00:32:20,390 --> 00:32:23,140

think tank

741

00:32:25,430 --> 00:32:31,710

and i'd like to welcome everybody to the

742
00:32:28,109 --> 00:32:33,750
think tank tonight welcome around thank

743
00:32:31,710 --> 00:32:37,890
you Richard welcome dr. AG siren says

744
00:32:33,750 --> 00:32:39,720
welcome everybody oh ok that's all it's

745
00:32:37,890 --> 00:32:41,130
just Iran and dr. AG and yours truly

746
00:32:39,720 --> 00:32:43,170
Richard Saunders in the think tank

747
00:32:41,130 --> 00:32:45,810
tonight what folks we're in a very

748
00:32:43,170 --> 00:32:47,310
strange room now often we come down to

749
00:32:45,809 --> 00:32:49,259
the lower level of our favorite Club

750
00:32:47,309 --> 00:32:51,480
which is the cannery Hilson Park RSL

751
00:32:49,259 --> 00:32:53,849
club and the wonderful suburb of holston

752
00:32:51,480 --> 00:32:56,069
park in Sydney and this used to be the

753
00:32:53,849 --> 00:32:57,419
sports bar Iran in fact I used I

754
00:32:56,069 --> 00:32:59,539
remember coming here to see world cup

755
00:32:57,420 --> 00:33:04,400
soccer games but now it's a giant

756
00:32:59,539 --> 00:33:07,139
storage area full of dead chairs dead

757
00:33:04,400 --> 00:33:09,600
gaming machines I think we mentioned the

758
00:33:07,140 --> 00:33:11,070
gaming machines last yeah this time a

759
00:33:09,599 --> 00:33:13,199
lot of the gaming machines although the

760
00:33:11,069 --> 00:33:17,700
pokies seem to be gone yeah but there's

761
00:33:13,200 --> 00:33:20,220
old chairs type 3 3 layers up it's very

762
00:33:17,700 --> 00:33:22,009
strange that's good for us it's good for

763
00:33:20,220 --> 00:33:24,240
us we can sort of sneak back here and

764
00:33:22,009 --> 00:33:27,269
there's no chance anybody will ever find

765
00:33:24,240 --> 00:33:29,220
us no you reckon girls and boy if

766
00:33:27,269 --> 00:33:31,789
anything happens you don't hear from us

767
00:33:29,220 --> 00:33:34,319
again please send the rescue teams yes

768
00:33:31,789 --> 00:33:35,730
anyway I'm just running through sorry I

769
00:33:34,319 --> 00:33:37,409
was a bit distracted because i'm looking

770

00:33:35,730 --> 00:33:39,930
through the twitter stream Richard

771
00:33:37,410 --> 00:33:42,120
because I just missed the avian

772
00:33:39,930 --> 00:33:43,950
homeopathy well let's go let's kick off

773
00:33:42,119 --> 00:33:46,259
this think tank with that bit of news as

774
00:33:43,950 --> 00:33:47,759
we were actually having a nice Chinese

775
00:33:46,259 --> 00:33:50,700
dinner which is what we usually do

776
00:33:47,759 --> 00:33:53,129
before the think tank are the webinar

777
00:33:50,700 --> 00:33:54,990
hosted or is it hosted by the Australian

778
00:33:53,130 --> 00:33:56,850
vaccinations at once by the extreme

779
00:33:54,990 --> 00:33:58,950
vaccination network and featuring France

780
00:33:56,849 --> 00:34:01,859
Sheffield friend Sheffield homeopathy

781
00:33:58,950 --> 00:34:04,440
plus she's the homeopath who has

782
00:34:01,859 --> 00:34:06,569
produced a PDF which will link to in the

783
00:34:04,440 --> 00:34:09,148
show notes about all about the benefits

784
00:34:06,569 --> 00:34:11,668

of homeopathic vaccination for all sorts

785

00:34:09,148 --> 00:34:12,719

of diseases yes that's yeah and it's

786

00:34:11,668 --> 00:34:14,940

interesting to note that French

787

00:34:12,719 --> 00:34:16,829

Sheffield is actually the character name

788

00:34:14,940 --> 00:34:19,200

of the nanny remember that show oh

789

00:34:16,829 --> 00:34:21,809

that's true yeah and she makes about as

790

00:34:19,199 --> 00:34:23,398

much sense as she does I haven't heard

791

00:34:21,809 --> 00:34:25,500

us speak unfortunately as I just

792

00:34:23,398 --> 00:34:27,809

mentioned I missed it because I'm here

793

00:34:25,500 --> 00:34:31,260

but I'm just following the hashtag

794

00:34:27,809 --> 00:34:33,570

autism avian on Twitter to see how

795

00:34:31,260 --> 00:34:34,860

people responded tonight and of course

796

00:34:33,570 --> 00:34:37,530

it was about how homey

797

00:34:34,860 --> 00:34:39,390

he can assist in autism hence the

798

00:34:37,530 --> 00:34:43,500

hashtag what are the some of the gems

799
00:34:39,389 --> 00:34:45,779
have come out people saying send this

800
00:34:43,500 --> 00:34:49,139
woman straight to the H Triple C she's

801
00:34:45,780 --> 00:34:51,900
claiming that she recommended homeopathy

802
00:34:49,139 --> 00:34:53,759
instead of conventional medicine age

803
00:34:51,900 --> 00:34:55,349
Triple C of course stands for the

804
00:34:53,760 --> 00:34:57,990
healthcare Complaints Commission yep

805
00:34:55,349 --> 00:35:00,269
real friends over South Wales yep she's

806
00:34:57,989 --> 00:35:04,439
flogging books and videos galore from

807
00:35:00,269 --> 00:35:06,659
her website so that makes her a health

808
00:35:04,440 --> 00:35:08,820
practitioner by definition of the H

809
00:35:06,659 --> 00:35:10,559
Triple C but apparently I don't want to

810
00:35:08,820 --> 00:35:11,820
spoil your thunder but somewhere there

811
00:35:10,559 --> 00:35:13,769
that they're all twittering that she

812
00:35:11,820 --> 00:35:15,360
actually says it but you use a health

813
00:35:13,769 --> 00:35:19,320
practitioner health care practitioner

814
00:35:15,360 --> 00:35:21,300
yeah apparently somebody said autism is

815
00:35:19,320 --> 00:35:24,690
linked with vaccination medication and

816
00:35:21,300 --> 00:35:26,789
dietary issues I did see something here

817
00:35:24,690 --> 00:35:29,039
earlier about Meryl dori saying

818
00:35:26,789 --> 00:35:31,409
something about a study from The Lancet

819
00:35:29,039 --> 00:35:33,389
and I assume that that's the Wakefield

820
00:35:31,409 --> 00:35:35,460
study i'm not sure but of course we all

821
00:35:33,389 --> 00:35:36,750
know that's been discredited and wheat

822
00:35:35,460 --> 00:35:39,449
fields currently under the under

823
00:35:36,750 --> 00:35:41,849
investigation by the GMC and the UK what

824
00:35:39,449 --> 00:35:44,909
a wood a if i can use the expression

825
00:35:41,849 --> 00:35:47,730
what an unholy alliance it is for the

826
00:35:44,909 --> 00:35:50,099
avian to be in bed with the far end the

827

00:35:47,730 --> 00:35:52,110
extreme end of the homeopathic people

828
00:35:50,099 --> 00:35:53,849
and he's a surprise for you and probably

829
00:35:52,110 --> 00:35:56,490
for our listeners to she doesn't endorse

830
00:35:53,849 --> 00:36:00,329
vaccinations friend Sheffield yeah I'm

831
00:35:56,489 --> 00:36:02,489
shocked funny you know mm-hm so I missed

832
00:36:00,329 --> 00:36:05,219
it but I have registered so I can go

833
00:36:02,489 --> 00:36:06,779
home and watch it at my leisure so I'm

834
00:36:05,219 --> 00:36:09,899
not sure if I'll be able to cope with

835
00:36:06,780 --> 00:36:12,330
that better so it's it that somebody say

836
00:36:09,900 --> 00:36:16,289
that Diana friend Diane who's not here

837
00:36:12,329 --> 00:36:18,989
tonight her cat threw up or something we

838
00:36:16,289 --> 00:36:23,159
did the first casualty of the webinar

839
00:36:18,989 --> 00:36:27,599
was die aunt Catherine through yeah

840
00:36:23,159 --> 00:36:29,489
apparently I'm not I'm not surprised so

841
00:36:27,599 --> 00:36:32,219

it's a it's been a busy day for Merrill

842

00:36:29,489 --> 00:36:33,719

today riches yeah and over the last few

843

00:36:32,219 --> 00:36:37,529

days oh you've got some more news let's

844

00:36:33,719 --> 00:36:39,329

go to that absolutely now a lot of our

845

00:36:37,530 --> 00:36:41,880

listeners would remember the story of

846

00:36:39,329 --> 00:36:45,059

Dana McCaffrey she was her parents were

847

00:36:41,880 --> 00:36:46,500

awarded with the Fred award this year at

848

00:36:45,059 --> 00:36:47,279

our convention what listeners will

849

00:36:46,500 --> 00:36:48,599

recall

850

00:36:47,280 --> 00:36:50,850

from our very last episode and

851

00:36:48,599 --> 00:36:54,230

vertically yeah so they set up a

852

00:36:50,849 --> 00:36:57,659

Facebook page in memory of Dana

853

00:36:54,230 --> 00:37:00,150

McCaffrey and yesterday or the day

854

00:36:57,659 --> 00:37:03,299

before Meryl does joy decided she'd post

855

00:37:00,150 --> 00:37:05,579

on the facebook page and guess what she

856
00:37:03,300 --> 00:37:08,130
wasn't posting condolences or sympathy

857
00:37:05,579 --> 00:37:09,360
know you've read it around what what can

858
00:37:08,130 --> 00:37:12,570
you tell our listeners what she was

859
00:37:09,360 --> 00:37:14,820
posting the problem is not what she

860
00:37:12,570 --> 00:37:18,390
wrote so much I mean she just the fact

861
00:37:14,820 --> 00:37:20,670
that she saw fit to go on our honor one

862
00:37:18,389 --> 00:37:22,529
of the rants about vaccines when the

863
00:37:20,670 --> 00:37:24,990
page dedicated the memory of a child who

864
00:37:22,530 --> 00:37:27,630
died of hooking cough vaccine

865
00:37:24,989 --> 00:37:29,939
preventable disease is diabolical he

866
00:37:27,630 --> 00:37:31,260
just shows her true nature you know not

867
00:37:29,940 --> 00:37:33,150
that we were surprised but it's still

868
00:37:31,260 --> 00:37:34,380
absolutely appalling well it's

869
00:37:33,150 --> 00:37:36,590
interesting that you should say rant

870
00:37:34,380 --> 00:37:39,210
because it wasn't just one post either

871
00:37:36,590 --> 00:37:41,400
when people responded to some of the

872
00:37:39,210 --> 00:37:44,460
statistics that you put in the post as

873
00:37:41,400 --> 00:37:47,519
we all know she missed quote statistics

874
00:37:44,460 --> 00:37:48,990
to suit her cause so it really does not

875
00:37:47,519 --> 00:37:51,750
only the creationists who would take

876
00:37:48,989 --> 00:37:53,609
quotes out of context all the time in

877
00:37:51,750 --> 00:37:56,010
the old days when we were battling them

878
00:37:53,610 --> 00:37:58,410
well she's done this she does it over

879
00:37:56,010 --> 00:38:01,680
and over again she she says that the

880
00:37:58,409 --> 00:38:03,480
vaccination rate is 95 point one percent

881
00:38:01,679 --> 00:38:05,489
yet there's been a whooping cough

882
00:38:03,480 --> 00:38:07,019
epidemic and how do you explain that

883
00:38:05,489 --> 00:38:08,279
while it must be because the vaccine

884

00:38:07,019 --> 00:38:09,929
doesn't work but you know what she

885
00:38:08,280 --> 00:38:13,440
neglects to mention is that in the area

886
00:38:09,929 --> 00:38:16,409
where she lives it's down to about 18

887
00:38:13,440 --> 00:38:18,030
six percent and in the byron bay area

888
00:38:16,409 --> 00:38:21,329
which is adjacent to where she lives at

889
00:38:18,030 --> 00:38:24,300
sixty-eight percent 68% eight percent

890
00:38:21,329 --> 00:38:26,670
yeah well done Merrill yeah I know so

891
00:38:24,300 --> 00:38:28,620
she's not even taking credit for her

892
00:38:26,670 --> 00:38:29,760
hard work you know she should be Merrill

893
00:38:28,619 --> 00:38:31,889
what's wrong with you come on he'd be

894
00:38:29,760 --> 00:38:34,920
saying stand up and take the bells yay

895
00:38:31,889 --> 00:38:38,549
for me yeah um but can you some can you

896
00:38:34,920 --> 00:38:42,119
pass me the paper bag please but she

897
00:38:38,550 --> 00:38:44,280
went on to argue with people but i just

898
00:38:42,119 --> 00:38:48,809

wanted to read out the last post that

899

00:38:44,280 --> 00:38:50,630

was on there today yeah oh yeah actually

900

00:38:48,809 --> 00:38:53,489

just before I do that I'll mention that

901

00:38:50,630 --> 00:38:56,910

Dave Dave McCaffrey got on there on

902

00:38:53,489 --> 00:38:59,088

December the seventh and said that you

903

00:38:56,909 --> 00:39:01,518

know she'd had enough chance and

904

00:38:59,088 --> 00:39:03,650

it was disappointed that she'd come to

905

00:39:01,518 --> 00:39:07,068

this page and to please show respect and

906

00:39:03,650 --> 00:39:10,329

to be a decent human being and they've

907

00:39:07,068 --> 00:39:13,219

suffered enough and please just go away

908

00:39:10,329 --> 00:39:15,170

it's going appropriate to do this but

909

00:39:13,219 --> 00:39:16,999

she kept going because well she don't

910

00:39:15,170 --> 00:39:19,039

have some sort of competence you cannot

911

00:39:16,998 --> 00:39:20,509

keep her mouth shut she cannot I don't

912

00:39:19,039 --> 00:39:24,670

understand it I love that old expression

913
00:39:20,509 --> 00:39:24,670
she only opens her mouth to change feet

914
00:39:25,659 --> 00:39:31,818
what he found that squirts applicable

915
00:39:27,978 --> 00:39:34,218
okay you like that but I just wanted to

916
00:39:31,818 --> 00:39:37,159
read out a post from our friend first

917
00:39:34,219 --> 00:39:40,608
win who was the last word on I first on

918
00:39:37,159 --> 00:39:43,159
this thread she wrote a brilliant post

919
00:39:40,608 --> 00:39:46,548
which pawned how do you say that word

920
00:39:43,159 --> 00:39:49,368
pwned of it spawned hello pwnage pawned

921
00:39:46,548 --> 00:39:51,920
pawned here all we're showing our age

922
00:39:49,369 --> 00:39:54,410
because all the young the young people

923
00:39:51,920 --> 00:39:57,528
who something this show anyway go on we

924
00:39:54,409 --> 00:40:01,368
know what you mean yeah um completely my

925
00:39:57,528 --> 00:40:04,400
dad got the better of ya one she says

926
00:40:01,369 --> 00:40:05,989
dearest Meryl how nice to see you here

927
00:40:04,400 --> 00:40:08,420
sharing your opinions with the rest of

928
00:40:05,989 --> 00:40:10,130
us on the very page dedicated to the

929
00:40:08,420 --> 00:40:11,900
memory of a young child that was the

930
00:40:10,130 --> 00:40:14,960
catalyst for the complaint against you

931
00:40:11,900 --> 00:40:17,568
and your organization you have no right

932
00:40:14,960 --> 00:40:19,699
of reply in this forum opinions and

933
00:40:17,568 --> 00:40:21,409
judgments here are based on facts you

934
00:40:19,699 --> 00:40:23,538
are nothing but a conspiracy theorist

935
00:40:21,409 --> 00:40:25,879
spreading misinformation and fear in the

936
00:40:23,539 --> 00:40:27,619
community to such an extent for the

937
00:40:25,880 --> 00:40:29,539
government authority has seen fit to

938
00:40:27,619 --> 00:40:31,940
investigate your effects on public

939
00:40:29,539 --> 00:40:34,219
health I see no valid reason for your

940
00:40:31,940 --> 00:40:36,318
presence here and the only reasons i can

941

00:40:34,219 --> 00:40:39,048
see either you are insane or out to

942
00:40:36,318 --> 00:40:42,619
intimidate i draw your attention to the

943
00:40:39,048 --> 00:40:46,960
following read closely health care

944
00:40:42,619 --> 00:40:49,900
complaints act 1993 section 98 offense

945
00:40:46,960 --> 00:40:53,389
intimidation or bribery of complainants

946
00:40:49,900 --> 00:40:56,329
one a person who by threats intimidation

947
00:40:53,389 --> 00:40:59,478
or inducement persuades or attempts to

948
00:40:56,329 --> 00:41:00,829
persuade another person a not to make a

949
00:40:59,478 --> 00:41:02,989
complaint to the commission or

950
00:41:00,829 --> 00:41:04,609
registration authority or not to

951
00:41:02,989 --> 00:41:06,309
continue with a complaint made to the

952
00:41:04,608 --> 00:41:09,409
Commission or registration authority

953
00:41:06,309 --> 00:41:11,298
then she says you made a very bad choice

954
00:41:09,409 --> 00:41:12,989
posting here Meryl rest assure that

955
00:41:11,298 --> 00:41:14,429

every character you tie

956

00:41:12,989 --> 00:41:16,199
will be forwarded to the healthcare

957

00:41:14,429 --> 00:41:18,659
Complaints Commission as evidence of

958

00:41:16,199 --> 00:41:21,509
intimidation and every character thus

959

00:41:18,659 --> 00:41:27,239
far is already on its way Meryl get a

960

00:41:21,510 --> 00:41:28,619
clue yeah so I mean you're so right that

961

00:41:27,239 --> 00:41:30,750
she opens her mouth to change feet

962

00:41:28,619 --> 00:41:32,519
because she could be accused of a timid

963

00:41:30,750 --> 00:41:34,260
at intimidation under this section of

964

00:41:32,519 --> 00:41:35,909
the healthcare well let's let's see

965

00:41:34,260 --> 00:41:39,570
let's encourage you to keep commenting

966

00:41:35,909 --> 00:41:41,009
yeah go for it Meryl yeah yeah yeah it's

967

00:41:39,570 --> 00:41:43,890
fine something I find quite interesting

968

00:41:41,010 --> 00:41:47,010
about Meryl Dorian people like that do

969

00:41:43,889 --> 00:41:48,868
you really think that they think that we

970
00:41:47,010 --> 00:41:51,300
are being paid off by the big

971
00:41:48,869 --> 00:41:53,850
pharmaceutical companies is that a

972
00:41:51,300 --> 00:41:56,220
question of course they think that they

973
00:41:53,849 --> 00:41:58,349
really do of course they do you

974
00:41:56,219 --> 00:42:00,779
basically what you're asking other

975
00:41:58,349 --> 00:42:02,909
conspiracy theories genuine like

976
00:42:00,780 --> 00:42:04,920
genuinely believed in yeah they have no

977
00:42:02,909 --> 00:42:06,569
doubt they really do think so in their

978
00:42:04,920 --> 00:42:09,180
mind sitting there they're probably

979
00:42:06,570 --> 00:42:12,570
listening to this podcast hello thinking

980
00:42:09,179 --> 00:42:14,969
that we are Stooges when the direct pay

981
00:42:12,570 --> 00:42:16,590
off big farm which would be nice did

982
00:42:14,969 --> 00:42:19,618
they believe that there are mind-control

983
00:42:16,590 --> 00:42:21,390
chips in the vaccine for h1n one that's

984
00:42:19,619 --> 00:42:22,650
in more preposterous in us being in the

985
00:42:21,389 --> 00:42:25,679
pay of beef farmer of course they

986
00:42:22,650 --> 00:42:27,059
believe that wow it's just mind-boggling

987
00:42:25,679 --> 00:42:28,799
is and here we are just doing this

988
00:42:27,059 --> 00:42:31,320
little podcast from some basement of

989
00:42:28,800 --> 00:42:34,470
some Club winner with the piles of

990
00:42:31,320 --> 00:42:36,809
chairs chairs not on not in the

991
00:42:34,469 --> 00:42:39,629
Caribbean flat out on our money from Big

992
00:42:36,809 --> 00:42:41,279
Pharma it's a STONER look again you know

993
00:42:39,630 --> 00:42:43,590
this is not the craziest stuff that they

994
00:42:41,280 --> 00:42:45,600
believe first of all they believe that

995
00:42:43,590 --> 00:42:47,430
there's a conspiracy to poison children

996
00:42:45,599 --> 00:42:50,279
your conspiracy by the government now

997
00:42:47,429 --> 00:42:52,259
why would the government want to poison

998

00:42:50,280 --> 00:42:54,690
our children what what incentive is

999
00:42:52,260 --> 00:42:57,330
there okay let's sit for a moment assume

1000
00:42:54,690 --> 00:43:00,780
that there is an incentive to the too

1001
00:42:57,329 --> 00:43:02,250
big to the Big Pharma to poison each

1002
00:43:00,780 --> 00:43:04,470
other okay because they can make money

1003
00:43:02,250 --> 00:43:07,650
off it what's the incentive for the

1004
00:43:04,469 --> 00:43:09,239
government just I just just something

1005
00:43:07,650 --> 00:43:10,889
that some somebody who is reasonable in

1006
00:43:09,239 --> 00:43:12,989
thinking and not understand any

1007
00:43:10,889 --> 00:43:15,420
government are made out of many parents

1008
00:43:12,989 --> 00:43:17,549
it was a pretty dumb tax it secretly you

1009
00:43:15,420 --> 00:43:18,570
guys let's get it all te o you

1010
00:43:17,550 --> 00:43:20,940
understand the structure of the

1011
00:43:18,570 --> 00:43:22,588
Illuminati you see

1012
00:43:20,940 --> 00:43:24,210

because the whole point of the world new

1013

00:43:22,588 --> 00:43:27,509

world order and the Illuminati is to

1014

00:43:24,210 --> 00:43:31,159

take over the United States and give it

1015

00:43:27,510 --> 00:43:33,690

over to the UN and to the Chinese army I

1016

00:43:31,159 --> 00:43:37,019

always thought Rachel was in on this

1017

00:43:33,690 --> 00:43:40,349

damn you see my voice doesn't sound the

1018

00:43:37,019 --> 00:43:43,440

same anymore I've got a mind control

1019

00:43:40,349 --> 00:43:46,380

peloton by brain a couple more items

1020

00:43:43,440 --> 00:43:49,800

before we get on to the predictions are

1021

00:43:46,380 --> 00:43:52,260

we as predictions big shout-out to Fred

1022

00:43:49,800 --> 00:43:54,180

Bremer in Vancouver and the Vancouver

1023

00:43:52,260 --> 00:43:56,700

skeptics in the pub who video skyped me

1024

00:43:54,179 --> 00:43:58,500

earlier today that was a real hood there

1025

00:43:56,699 --> 00:44:01,289

I was suddenly in the middle of the pub

1026

00:43:58,500 --> 00:44:03,329

there almost almost having a beer with

1027
00:44:01,289 --> 00:44:05,608
them but not quite but it was really

1028
00:44:03,329 --> 00:44:07,769
great to hook up with them being passed

1029
00:44:05,608 --> 00:44:10,348
I was wearing pants as as a matter of

1030
00:44:07,769 --> 00:44:12,509
fact I know I was home and I was working

1031
00:44:10,349 --> 00:44:14,970
at home working I was but not mandatory

1032
00:44:12,510 --> 00:44:16,710
to wear pants I happened unlike Phil

1033
00:44:14,969 --> 00:44:18,629
Plait who says Who am I am just a guy

1034
00:44:16,710 --> 00:44:21,568
who does a blog in his underwear I was

1035
00:44:18,630 --> 00:44:23,640
wearing pants last tonight um a big

1036
00:44:21,568 --> 00:44:26,639
congratulations to our dear friend DJ

1037
00:44:23,639 --> 00:44:28,828
Grothe oh yes yes the new president as

1038
00:44:26,639 --> 00:44:32,568
of January of the James Randi

1039
00:44:28,829 --> 00:44:34,920
Educational Foundation and big

1040
00:44:32,568 --> 00:44:36,960
encouragement to dr. Phil Plait who's

1041
00:44:34,920 --> 00:44:38,789
going on to do a TV project isn't that

1042
00:44:36,960 --> 00:44:40,980
exciting yeah I can't wait to hear more

1043
00:44:38,789 --> 00:44:42,960
about that good on you Phil and thank

1044
00:44:40,980 --> 00:44:45,530
you very much for your hard work with

1045
00:44:42,960 --> 00:44:49,199
the James Randi Educational Foundation

1046
00:44:45,530 --> 00:44:51,510
and also a little shout out to somebody

1047
00:44:49,199 --> 00:44:53,399
who wrote to us just yesterday I'll just

1048
00:44:51,510 --> 00:44:56,010
say it's Andrew from Victoria who wrote

1049
00:44:53,400 --> 00:44:58,019
the nicest email to us just thanking is

1050
00:44:56,010 --> 00:44:59,760
so sincerely for our work on the show

1051
00:44:58,019 --> 00:45:01,650
and he really enjoys this thing to it it

1052
00:44:59,760 --> 00:45:03,690
wasn't very nicely very Sandra we

1053
00:45:01,650 --> 00:45:05,579
appreciate it we did Andrew the city put

1054
00:45:03,690 --> 00:45:10,849
up with Richard every weekend it's

1055

00:45:05,579 --> 00:45:15,568
really hard I should added that out but

1056
00:45:10,849 --> 00:45:18,359
alright but you are I want and just get

1057
00:45:15,568 --> 00:45:21,329
the last bit of roundup information from

1058
00:45:18,358 --> 00:45:23,009
me for this is some listeners probably

1059
00:45:21,329 --> 00:45:25,560
know i was on a program here called

1060
00:45:23,010 --> 00:45:30,150
sunrise in the past week and you can see

1061
00:45:25,559 --> 00:45:32,039
that video clip at ww skeptics Comte you

1062
00:45:30,150 --> 00:45:34,349
just look for the link that says Richard

1063
00:45:32,039 --> 00:45:36,210
Saunders talks about astrology I

1064
00:45:34,349 --> 00:45:39,000
on with Milton black who's Australia's

1065
00:45:36,210 --> 00:45:41,340
leading astrologer and psychic mm-hmm

1066
00:45:39,000 --> 00:45:44,909
and wasn't a psychic he was very psychic

1067
00:45:41,340 --> 00:45:47,519
head for ww skeptics comdata you and

1068
00:45:44,909 --> 00:45:49,949
check out my TV appearance and why

1069
00:45:47,519 --> 00:45:51,750

you're there why not subscribe to the

1070

00:45:49,949 --> 00:45:54,389
skeptic the Journal of Australian

1071

00:45:51,750 --> 00:45:57,199
skeptics good magazine it is to regular

1072

00:45:54,389 --> 00:46:01,769
magazine and the latest issue is in

1073

00:45:57,199 --> 00:46:06,119
right now on the print yeah I received

1074

00:46:01,769 --> 00:46:14,699
an email from the somebody who seems to

1075

00:46:06,119 --> 00:46:18,059
be the webmaster of skepticism his name

1076

00:46:14,699 --> 00:46:20,129
is Otto of mikela and he wrote me thus

1077

00:46:18,059 --> 00:46:22,289
you might be interested to know that the

1078

00:46:20,130 --> 00:46:28,460
two thousand and I finished skeptics who

1079

00:46:22,289 --> 00:46:32,190
ha who helped rise and he writes here in

1080

00:46:28,460 --> 00:46:36,480
parenthesis that hoo-ha means flim flim

1081

00:46:32,190 --> 00:46:40,340
flam flim flam was awarded to rock

1082

00:46:36,480 --> 00:46:44,190
artists raucous info I which means

1083

00:46:40,340 --> 00:46:46,620
vaccination info society so basically

1084
00:46:44,190 --> 00:46:48,420
they're equivalent of the bent spoon

1085
00:46:46,619 --> 00:46:51,710
award was awarded to add their

1086
00:46:48,420 --> 00:46:55,760
equivalent of the Australian vaccination

1087
00:46:51,710 --> 00:47:00,240
network with a similarly deceptive name

1088
00:46:55,760 --> 00:47:01,530
so that's you know it's happening all

1089
00:47:00,239 --> 00:47:03,239
over the world unfortunately it's not

1090
00:47:01,530 --> 00:47:06,150
just something that's unique to us and

1091
00:47:03,239 --> 00:47:08,489
then I found out through auto who

1092
00:47:06,150 --> 00:47:11,010
pointed out that he thought the Dutch

1093
00:47:08,489 --> 00:47:12,959
skeptics did the same now eat the link

1094
00:47:11,010 --> 00:47:14,520
to the Dutch skeptics website didn't

1095
00:47:12,960 --> 00:47:16,920
help me much because Diane isn't here

1096
00:47:14,519 --> 00:47:18,750
today and I only did call her and hoped

1097
00:47:16,920 --> 00:47:20,909
you might be able to help me better the

1098
00:47:18,750 --> 00:47:24,449
skeptics website surprisingly is all in

1099
00:47:20,909 --> 00:47:28,710
Dutch so I'm and my Dutch is very

1100
00:47:24,449 --> 00:47:32,519
limited two but three words sog hey all

1101
00:47:28,710 --> 00:47:35,190
of you with your clothes chula windmill

1102
00:47:32,519 --> 00:47:39,840
oh no I what are those things that Diane

1103
00:47:35,190 --> 00:47:43,229
makes us 80 Freight free I can freakin

1104
00:47:39,840 --> 00:47:47,950
del freaking down special yeah

1105
00:47:43,228 --> 00:47:50,439
licorice okay so now that we finish

1106
00:47:47,949 --> 00:47:53,998
talking about Dutch not skeptics led yes

1107
00:47:50,440 --> 00:47:58,298
norms let's talk about this so um I

1108
00:47:53,998 --> 00:48:00,548
contacted yawn villam nienhaus i hope

1109
00:47:58,298 --> 00:48:02,199
i'm pronouncing this correctly probably

1110
00:48:00,548 --> 00:48:04,329
not though the way the contact name was

1111
00:48:02,199 --> 00:48:06,669
actually funny i was looking through the

1112

00:48:04,329 --> 00:48:10,539
website for contact details but i don't

1113
00:48:06,670 --> 00:48:11,858
know how they say contact details so

1114
00:48:10,539 --> 00:48:14,170
it's basically roaming through a few

1115
00:48:11,858 --> 00:48:15,369
pages that seem to be about the

1116
00:48:14,170 --> 00:48:17,318
organization and there was a phone

1117
00:48:15,369 --> 00:48:20,410
number there and i just called the

1118
00:48:17,318 --> 00:48:22,179
number you know 00 1131 you know darling

1119
00:48:20,409 --> 00:48:23,460
the dutch number and hoping that it's

1120
00:48:22,179 --> 00:48:25,659
not the new phone number for some

1121
00:48:23,460 --> 00:48:30,460
government department or maybe he'll

1122
00:48:25,659 --> 00:48:32,440
homeopath but anyway jaan answered the

1123
00:48:30,460 --> 00:48:35,259
phone I woke him up it was quoted to

1124
00:48:32,440 --> 00:48:39,849
eight in the morning in Holland and and

1125
00:48:35,259 --> 00:48:42,969
he sent me information about about their

1126
00:48:39,849 --> 00:48:44,920

prize so I'll read a few snippets from

1127

00:48:42,969 --> 00:48:46,538

his email it's fairly long he translated

1128

00:48:44,920 --> 00:48:49,450

it for me so basically they have

1129

00:48:46,539 --> 00:48:51,549

something called the master codorus

1130

00:48:49,449 --> 00:48:56,228

prize it's similar to the bed spoon

1131

00:48:51,548 --> 00:48:58,028

award but it's it's given by the VT DK

1132

00:48:56,228 --> 00:49:00,460

which is the Association against

1133

00:48:58,028 --> 00:49:02,909

quackery no legislation against quackery

1134

00:49:00,460 --> 00:49:05,949

so they have that Association and the

1135

00:49:02,909 --> 00:49:10,618

organization basically they provide that

1136

00:49:05,949 --> 00:49:12,728

also the award the data that prize and

1137

00:49:10,619 --> 00:49:16,059

I'll tell you the name of the

1138

00:49:12,728 --> 00:49:17,858

organization that won it it says here I

1139

00:49:16,059 --> 00:49:20,048

can't hide to you for you that the jury

1140

00:49:17,858 --> 00:49:21,369

hesitates someone in lexing this

1141
00:49:20,048 --> 00:49:24,248
organization they don't say what the

1142
00:49:21,369 --> 00:49:26,200
organization is just yet because members

1143
00:49:24,248 --> 00:49:28,179
and guests and Xcode above the departing

1144
00:49:26,199 --> 00:49:30,098
five minutes on Gont elston Park dollar

1145
00:49:28,179 --> 00:49:32,318
chill man for Canterbury and can see

1146
00:49:30,099 --> 00:49:35,910
that's a courtesy bus departing in five

1147
00:49:32,318 --> 00:49:39,159
minutes time thank you and Rotterdam

1148
00:49:35,909 --> 00:49:40,149
yeah so actually i'll start I'll start

1149
00:49:39,159 --> 00:49:42,009
by them with the name of the

1150
00:49:40,150 --> 00:49:43,960
organization that'll be easier it's the

1151
00:49:42,009 --> 00:49:45,880
organization that one that Massacre

1152
00:49:43,960 --> 00:49:47,559
chorus price for this year is called the

1153
00:49:45,880 --> 00:49:50,599
Dutch Association for discerning

1154
00:49:47,559 --> 00:49:53,660
vaccinations Oh God so they

1155
00:49:50,599 --> 00:49:55,630
they just did this line is there you go

1156
00:49:53,659 --> 00:49:57,710
names you know just call themselves

1157
00:49:55,630 --> 00:49:59,298
vaccination is really bad and we don't

1158
00:49:57,710 --> 00:50:01,608
approve but the organization or

1159
00:49:59,298 --> 00:50:03,460
something be honest people anyway so

1160
00:50:01,608 --> 00:50:06,018
what they're saying is it say it says

1161
00:50:03,460 --> 00:50:10,009
that the organization does not usually

1162
00:50:06,018 --> 00:50:13,189
give prizes to this kind of organization

1163
00:50:10,009 --> 00:50:14,539
and they hesitated because usually the

1164
00:50:13,190 --> 00:50:16,999
prizes awarded organizations

1165
00:50:14,539 --> 00:50:19,489
institutions or persons that promote

1166
00:50:16,998 --> 00:50:21,259
quackery but that are expected to be

1167
00:50:19,489 --> 00:50:23,329
able to mend their ways and that might

1168
00:50:21,259 --> 00:50:25,639
react to appeal to their conscience or

1169

00:50:23,329 --> 00:50:28,430
scientific data committing quackery

1170
00:50:25,639 --> 00:50:30,768
generally does not marry a nomination

1171
00:50:28,429 --> 00:50:32,808
for a prize the Dutch Association for

1172
00:50:30,768 --> 00:50:34,868
discerning vaccination was established

1173
00:50:32,809 --> 00:50:36,859
by homeopaths in naturopaths and

1174
00:50:34,869 --> 00:50:39,519
considering a considerable number of

1175
00:50:36,858 --> 00:50:43,548
them is actively practicing your face

1176
00:50:39,518 --> 00:50:44,778
yeah so basically they've decided to

1177
00:50:43,548 --> 00:50:47,690
give it to them anyway because they were

1178
00:50:44,778 --> 00:50:50,119
just so deserving govt report maester

1179
00:50:47,690 --> 00:50:52,999
kakadu his price twitter isn't and neha

1180
00:50:50,119 --> 00:50:55,369
oak ditch Acosta had the veining take

1181
00:50:52,998 --> 00:50:57,228
walks all day when his moods and an

1182
00:50:55,369 --> 00:51:00,380
tokens help us for the jefes the top of

1183
00:50:57,228 --> 00:51:02,449

a to nominee ever on Bautista veena talk

1184

00:51:00,380 --> 00:51:04,160

is did she happen organizatsiya not say

1185

00:51:02,449 --> 00:51:06,498

in the dirt and koala call lift is

1186

00:51:04,159 --> 00:51:08,509

filled in the public opini the

1187

00:51:06,498 --> 00:51:10,578

netherlands of iranian Kiki spreaker is

1188

00:51:08,509 --> 00:51:13,068

up correct the homeopath an on Toppa

1189

00:51:10,579 --> 00:51:16,278

sofa from e nanes in big deal okok teeth

1190

00:51:13,068 --> 00:51:18,619

practice ears popaganda the

1191

00:51:16,278 --> 00:51:20,900

organizatsiya the env kabhi yaad mein

1192

00:51:18,619 --> 00:51:23,539

ish analyst and come to laser in series

1193

00:51:20,900 --> 00:51:25,700

into it marked so of to canal a dotted

1194

00:51:23,539 --> 00:51:28,640

antoja vaccinia the doubt and tops

1195

00:51:25,699 --> 00:51:31,068

taraval aids or money to vaccine era on

1196

00:51:28,639 --> 00:51:33,108

gotted active quack solver boat at four

1197

00:51:31,068 --> 00:51:35,210

bonds from days of rain Hebert's if the

1198
00:51:33,108 --> 00:51:37,848
jellyfish loader and the env kirby the

1199
00:51:35,210 --> 00:51:40,039
place to together for a meeting kitty

1200
00:51:37,849 --> 00:51:42,950
spreaker half to the cafe the city of

1201
00:51:40,039 --> 00:51:44,769
Phnom is eating from the skeptic zone so

1202
00:51:42,949 --> 00:51:49,088
that there's more information here and

1203
00:51:44,768 --> 00:51:57,768
there website of the dutch skeptics is

1204
00:51:49,088 --> 00:51:59,329
skip sis sk-ii p.s is dot NL and not NL

1205
00:51:57,768 --> 00:52:03,589
for netherlands and

1206
00:51:59,329 --> 00:52:10,960
the finished skeptics is at skeptics

1207
00:52:03,590 --> 00:52:13,900
capsis fi for Finland so they both gave

1208
00:52:10,960 --> 00:52:16,789
prizes similar similar to ours to

1209
00:52:13,900 --> 00:52:18,440
similar organization we did you have any

1210
00:52:16,789 --> 00:52:20,630
indication that they may have been

1211
00:52:18,440 --> 00:52:23,030
inspired by us or was not believed or

1212
00:52:20,630 --> 00:52:24,980
has done at least one of them was

1213
00:52:23,030 --> 00:52:26,450
definitely given before us okay because

1214
00:52:24,980 --> 00:52:28,219
we certainly didn't have any knowledge

1215
00:52:26,449 --> 00:52:30,349
of that this elders know that I'm

1216
00:52:28,219 --> 00:52:32,029
definitely not the we don't even have

1217
00:52:30,349 --> 00:52:33,889
anybody who speaks Finnish but you know

1218
00:52:32,030 --> 00:52:36,350
but no we didn't know we've been

1219
00:52:33,889 --> 00:52:38,659
obviously fighting against the avian

1220
00:52:36,349 --> 00:52:41,360
this year our year in da and their

1221
00:52:38,659 --> 00:52:43,639
decision to order to the avian was

1222
00:52:41,360 --> 00:52:45,200
unanimous I think it's I don't think

1223
00:52:43,639 --> 00:52:47,359
they knew about each other either it's

1224
00:52:45,199 --> 00:52:49,339
just I think maybe the time has come for

1225
00:52:47,360 --> 00:52:51,019
the anti-vaccination love you people

1226

00:52:49,340 --> 00:52:52,910
listening in the Netherlands please

1227
00:52:51,019 --> 00:52:54,739
contact your friends in Finland and

1228
00:52:52,909 --> 00:52:56,289
people in Finland please contact your

1229
00:52:54,739 --> 00:52:58,729
friends and the Netherlands get together

1230
00:52:56,289 --> 00:53:00,980
when will come and visit everybody just

1231
00:52:58,730 --> 00:53:04,159
send us the air and all of you contact

1232
00:53:00,980 --> 00:53:07,400
us up here on skeptics condo to you it's

1233
00:53:04,159 --> 00:53:09,589
time Rachel there on it's time really is

1234
00:53:07,400 --> 00:53:11,269
time do you think now yeah we do

1235
00:53:09,590 --> 00:53:12,740
listeners might remember at the

1236
00:53:11,269 --> 00:53:15,889
beginning of the year and one of our

1237
00:53:12,739 --> 00:53:18,979
very early episodes in January it was

1238
00:53:15,889 --> 00:53:21,559
Tiffany our good friend Tiffany day

1239
00:53:18,980 --> 00:53:23,719
Stefan the other co-host who comes on

1240
00:53:21,559 --> 00:53:25,789

sometimes yourself and myself we made

1241

00:53:23,719 --> 00:53:28,279

all these predictions for this year we

1242

00:53:25,789 --> 00:53:29,989

did Richard we did we did and as this

1243

00:53:28,280 --> 00:53:31,970

time of year we like to look back at our

1244

00:53:29,989 --> 00:53:34,759

predictions and see how we went when see

1245

00:53:31,969 --> 00:53:37,789

how we went well let's see now look can

1246

00:53:34,760 --> 00:53:42,470

I predict that you did at least as well

1247

00:53:37,789 --> 00:53:44,779

as professional um chocolate I'm psyche

1248

00:53:42,469 --> 00:53:48,019

well I was no you wouldn't get it was

1249

00:53:44,780 --> 00:53:50,330

going to use a pejorative yes I empty

1250

00:53:48,019 --> 00:53:51,889

nothing well I mean I'm not going to go

1251

00:53:50,329 --> 00:53:56,989

through them all but more or less we

1252

00:53:51,889 --> 00:53:58,940

made about 19 predictions and we are I

1253

00:53:56,989 --> 00:54:00,379

went through the other day and I googled

1254

00:53:58,940 --> 00:54:01,760

all the results and everything you know

1255
00:54:00,380 --> 00:54:05,570
they're all the big stories of the year

1256
00:54:01,760 --> 00:54:08,390
and we got about sixty six percent

1257
00:54:05,570 --> 00:54:09,800
correct we really did pretty me to give

1258
00:54:08,389 --> 00:54:13,489
a few examples of things that

1259
00:54:09,800 --> 00:54:15,470
yeah absolutely okay um President Obama

1260
00:54:13,489 --> 00:54:17,239
would have an embarrassing incident in

1261
00:54:15,469 --> 00:54:19,219
his first six months of office yes he

1262
00:54:17,239 --> 00:54:21,500
did he made a big gap on the jay leno

1263
00:54:19,219 --> 00:54:23,899
show about the special special olympics

1264
00:54:21,500 --> 00:54:26,000
that's right an earth-like planet would

1265
00:54:23,900 --> 00:54:31,760
be found well apparently there was one

1266
00:54:26,000 --> 00:54:34,880
founder GE li e se 58 1 d was found at

1267
00:54:31,760 --> 00:54:36,860
such an idea what what a sad thing that

1268
00:54:34,880 --> 00:54:38,570
came right Stefan predicted that six

1269
00:54:36,860 --> 00:54:40,760
people would be shot in the United

1270
00:54:38,570 --> 00:54:43,370
States but not in a mall sadly that

1271
00:54:40,760 --> 00:54:46,220
happened in march in silicon valley six

1272
00:54:43,369 --> 00:54:48,049
people were shot uh uh home went I

1273
00:54:46,219 --> 00:54:50,989
thought I think so I don't have all the

1274
00:54:48,050 --> 00:54:54,080
details but it happened which is not not

1275
00:54:50,989 --> 00:54:56,449
very happy um things like I think it was

1276
00:54:54,079 --> 00:54:59,659
Rachel said that Prince William would

1277
00:54:56,449 --> 00:55:02,419
shave his beard off well I don't

1278
00:54:59,659 --> 00:55:04,250
remember saying that you said it but you

1279
00:55:02,420 --> 00:55:07,579
also said that Kevin Rudd would have

1280
00:55:04,250 --> 00:55:09,769
more Twitter followers than Malcolm

1281
00:55:07,579 --> 00:55:13,460
Turnbull oh and was I right yeah by a

1282
00:55:09,769 --> 00:55:16,039
factor of about ten anak that's right

1283

00:55:13,460 --> 00:55:19,280
like money right only two points for

1284
00:55:16,039 --> 00:55:21,829
that or x 10 manufacturer of tenses a

1285
00:55:19,280 --> 00:55:23,540
factor of ten yeah quite quite a lot

1286
00:55:21,829 --> 00:55:25,340
substantially more and various other

1287
00:55:23,539 --> 00:55:26,960
things we got we got we got some wrong I

1288
00:55:25,340 --> 00:55:29,750
predicted the wrong team would win the

1289
00:55:26,960 --> 00:55:31,820
local football competition we got here

1290
00:55:29,750 --> 00:55:33,530
the Blue Mountains Panther would be seen

1291
00:55:31,820 --> 00:55:36,110
I don't remember any reports but not

1292
00:55:33,530 --> 00:55:37,610
found well it certainly wasn't fair so

1293
00:55:36,110 --> 00:55:39,079
does it have a bright for that I think

1294
00:55:37,610 --> 00:55:41,090
that was my prediction petrol prices

1295
00:55:39,079 --> 00:55:42,829
would go up well they went up they went

1296
00:55:41,090 --> 00:55:44,809
down they sort of went up the last

1297
00:55:42,829 --> 00:55:47,269

prediction we made is we would do better

1298

00:55:44,809 --> 00:55:50,860

than the professional psychics oh now

1299

00:55:47,269 --> 00:55:53,619

Rachel what do you have there from a

1300

00:55:50,860 --> 00:55:58,039

printout from the following magazine

1301

00:55:53,619 --> 00:55:59,779

2009 Australian psychic directory oh yes

1302

00:55:58,039 --> 00:56:02,029

this was published probably in December

1303

00:55:59,780 --> 00:56:04,760

last year and it's got what it what is

1304

00:56:02,030 --> 00:56:09,019

it Rachel their best predictions it's

1305

00:56:04,760 --> 00:56:10,760

got the top 40 predictions for 2009 from

1306

00:56:09,019 --> 00:56:12,519

members of the Australian psychics

1307

00:56:10,760 --> 00:56:14,600

Association

1308

00:56:12,519 --> 00:56:17,030

so they've got a number of categories

1309

00:56:14,599 --> 00:56:18,170

which they've all addressed and we're

1310

00:56:17,030 --> 00:56:21,320

going to go through some of them and

1311

00:56:18,170 --> 00:56:22,550

just see how they went for 2009 we have

1312
00:56:21,320 --> 00:56:25,609
to say there are a few more weeks

1313
00:56:22,550 --> 00:56:27,980
remaining Richard there are so it's not

1314
00:56:25,608 --> 00:56:30,108
quite the end yet but um I think we're

1315
00:56:27,980 --> 00:56:31,940
pretty some pretty safe yeah we've

1316
00:56:30,108 --> 00:56:33,710
already been through it so I don't know

1317
00:56:31,940 --> 00:56:35,840
that they can pull themselves out of the

1318
00:56:33,710 --> 00:56:38,108
hole but let's have a look at some of

1319
00:56:35,840 --> 00:56:40,640
the celebrity predictions that they made

1320
00:56:38,108 --> 00:56:42,529
they said one of them said that George

1321
00:56:40,639 --> 00:56:45,259
Clooney would find his true love by the

1322
00:56:42,530 --> 00:56:49,040
end of 2009 and we'll finally commit to

1323
00:56:45,260 --> 00:56:51,260
a long-term relationship anyway I knew

1324
00:56:49,039 --> 00:56:53,809
that happened I don't follow this kind

1325
00:56:51,260 --> 00:56:58,880
of gossip at uh no it didn't happen a

1326
00:56:53,809 --> 00:57:01,369
bow the second one is that Nicole Kidman

1327
00:56:58,880 --> 00:57:04,550
will adopt a male child and it may be of

1328
00:57:01,369 --> 00:57:06,380
Aboriginal descent and a royal romance

1329
00:57:04,550 --> 00:57:08,750
will be connected to her but there will

1330
00:57:06,380 --> 00:57:10,340
be no truth behind it she will be

1331
00:57:08,750 --> 00:57:12,469
featured in Australian airline

1332
00:57:10,340 --> 00:57:15,619
advertising and will change image for a

1333
00:57:12,469 --> 00:57:18,139
short time to short that sport very dark

1334
00:57:15,619 --> 00:57:20,390
hair well that must have happened very

1335
00:57:18,139 --> 00:57:23,118
quickly because I miss them well that's

1336
00:57:20,389 --> 00:57:26,539
about three or four in there in any of

1337
00:57:23,119 --> 00:57:31,869
them not ringing a bell no no no a bow

1338
00:57:26,539 --> 00:57:34,340
fail there's one here about pink

1339
00:57:31,869 --> 00:57:37,329
bringing a pink yeah she will get into

1340

00:57:34,340 --> 00:57:39,410
trouble with the French paparazzi uh

1341
00:57:37,329 --> 00:57:42,319
show you got in trouble with somebody

1342
00:57:39,409 --> 00:57:44,509
but not what I think so yes Father she

1343
00:57:42,320 --> 00:57:47,420
will also be involved in a funny epic

1344
00:57:44,510 --> 00:57:52,480
movie around october november 2009 with

1345
00:57:47,420 --> 00:57:52,480
media promotion featuring an alligator

1346
00:57:54,190 --> 00:58:01,010
fail um however there's one which is a

1347
00:57:58,159 --> 00:58:03,858
hit they say pink may also be in a

1348
00:58:01,010 --> 00:58:05,710
mobile phone promotion now she was

1349
00:58:03,858 --> 00:58:08,960
actually in a month notice the meishan

1350
00:58:05,710 --> 00:58:10,670
that's true may also and as i say

1351
00:58:08,960 --> 00:58:12,349
instead of the movie it might be a

1352
00:58:10,670 --> 00:58:14,539
mobile phone promotion so we're going to

1353
00:58:12,349 --> 00:58:16,159
you know put 10 by the way we'll put it

1354
00:58:14,539 --> 00:58:18,710

so we got to pay that because she was

1355

00:58:16,159 --> 00:58:20,629

doing ads for optus in Australia okay in

1356

00:58:18,710 --> 00:58:23,720

conjunction with her world tour so she

1357

00:58:20,630 --> 00:58:26,090

did do that they also say that she will

1358

00:58:23,719 --> 00:58:28,669

be purchasing a holiday home in Sydney

1359

00:58:26,090 --> 00:58:31,670

and there is a baby for her in September

1360

00:58:28,670 --> 00:58:33,800

2010 oh well wow thanks to you we can't

1361

00:58:31,670 --> 00:58:36,860

pay that as you didn't buy a house in

1362

00:58:33,800 --> 00:58:40,930

Sydney so that's a fail that's left

1363

00:58:36,860 --> 00:58:40,930

let's have a look at some others here

1364

00:58:40,989 --> 00:58:46,729

politics let's have a look at politics

1365

00:58:43,010 --> 00:58:48,260

shall we um now for Kevin Rudd who is

1366

00:58:46,730 --> 00:58:52,250

our new prime minister although it's not

1367

00:58:48,260 --> 00:58:53,870

that many more ideas do you um this is

1368

00:58:52,250 --> 00:58:56,090

quite a long one but i'll just use I'm

1369
00:58:53,869 --> 00:58:57,920
just quite the one none of it was right

1370
00:58:56,090 --> 00:59:00,260
by the way but here's a one that says if

1371
00:58:57,920 --> 00:59:02,360
he falls victim to a scandal he will

1372
00:59:00,260 --> 00:59:03,980
voluntarily withdraw into the background

1373
00:59:02,360 --> 00:59:07,789
and become more powerful than he was

1374
00:59:03,980 --> 00:59:09,769
before did he won't even mean well I

1375
00:59:07,789 --> 00:59:11,509
don't know this is from shady Montford

1376
00:59:09,769 --> 00:59:13,400
what does anything she say mean not

1377
00:59:11,510 --> 00:59:16,070
really but the point is of dynamin no I

1378
00:59:13,400 --> 00:59:18,590
open it didn't happen yeah um there's

1379
00:59:16,070 --> 00:59:21,110
one here from Simon Turnbull he said I

1380
00:59:18,590 --> 00:59:23,930
delightfully that Pakistan is likely to

1381
00:59:21,110 --> 00:59:25,849
be forced into reading itself extremists

1382
00:59:23,929 --> 00:59:28,279
rather than allowing the military to

1383
00:59:25,849 --> 00:59:29,900
foster them as they realize that India

1384
00:59:28,280 --> 00:59:31,670
and the USA will become less and less

1385
00:59:29,900 --> 00:59:33,280
tolerant of underground aggressive

1386
00:59:31,670 --> 00:59:35,360
behavior towards India and Afghanistan

1387
00:59:33,280 --> 00:59:38,720
that sort of prediction he was already

1388
00:59:35,360 --> 00:59:39,710
happy already happening you sleep for

1389
00:59:38,719 --> 00:59:42,259
that you know it's been happening for

1390
00:59:39,710 --> 00:59:44,179
like three years what is a prediction

1391
00:59:42,260 --> 00:59:46,190
here yeah but in any case it hasn't

1392
00:59:44,179 --> 00:59:47,449
changed to drugs 30 so he's probably

1393
00:59:46,190 --> 00:59:49,460
wrong in the sense that there's no

1394
00:59:47,449 --> 00:59:51,019
there's been no change at all there no

1395
00:59:49,460 --> 00:59:53,740
it's not like they've been doing any

1396
00:59:51,019 --> 00:59:55,940
better probably doing a bit worse

1397

00:59:53,739 --> 01:00:00,349
because the Taliban has been making

1398
00:59:55,940 --> 01:00:04,099
inroads into into Pakistan yeah so

1399
01:00:00,349 --> 01:00:07,549
that's a fail hmm what's a more notable

1400
01:00:04,099 --> 01:00:10,460
fail sir do you remember any he failed

1401
01:00:07,550 --> 01:00:13,160
to predict inspector well there's one

1402
01:00:10,460 --> 01:00:14,840
about Oprah that says she's going to be

1403
01:00:13,159 --> 01:00:17,000
getting more involved in politics and

1404
01:00:14,840 --> 01:00:19,610
could rise in ranks herself in the

1405
01:00:17,000 --> 01:00:21,440
political arena in years to come and

1406
01:00:19,610 --> 01:00:25,760
think so I'm gonna happen before 2012

1407
01:00:21,440 --> 01:00:27,559
another one here political a well-known

1408
01:00:25,760 --> 01:00:31,250
political leader in China will be

1409
01:00:27,559 --> 01:00:33,049
assassinated proper yeah I don't think

1410
01:00:31,250 --> 01:00:34,670
so now i have to mention this one this

1411
01:00:33,050 --> 01:00:37,039

one actually got a half a point because

1412

01:00:34,670 --> 01:00:38,690

we have a TV celebrity here called Rove

1413

01:00:37,039 --> 01:00:39,579

he doesn't sort of variety show on

1414

01:00:38,690 --> 01:00:42,380

sunday night

1415

01:00:39,579 --> 01:00:44,179

and this person here said that a

1416

01:00:42,380 --> 01:00:46,490

marriage will be announced for Rome in

1417

01:00:44,179 --> 01:00:49,639

March now I couldn't find whether that

1418

01:00:46,489 --> 01:00:52,429

was true or not but the ceremony will be

1419

01:00:49,639 --> 01:00:54,529

taking place near a beach now he was on

1420

01:00:52,429 --> 01:00:56,269

a beach it was on a beach they say near

1421

01:00:54,530 --> 01:01:00,800

a beach but you have to give him halfway

1422

01:00:56,269 --> 01:01:04,880

well they have done so poorly make a

1423

01:01:00,800 --> 01:01:08,120

bone half a point here's another one

1424

01:01:04,880 --> 01:01:10,130

assassination attempt on the Pope 90 of

1425

01:01:08,119 --> 01:01:12,139

a UFO sighting will be seen by hundreds

1426
01:01:10,130 --> 01:01:14,059
of stray lien's supper here's another

1427
01:01:12,139 --> 01:01:16,429
one from Chez de Montford the list it

1428
01:01:14,059 --> 01:01:18,920
makes sense this time a ground swell in

1429
01:01:16,429 --> 01:01:26,989
alternative fuels results in a reshaping

1430
01:01:18,920 --> 01:01:28,340
of two economies what two economies what

1431
01:01:26,989 --> 01:01:30,139
does it mean but there was no ground

1432
01:01:28,340 --> 01:01:32,030
swelling alternative fuel it was this

1433
01:01:30,139 --> 01:01:34,759
two economies mean is she talking town

1434
01:01:32,030 --> 01:01:36,590
city state country region I don't know

1435
01:01:34,760 --> 01:01:38,270
Richard you explain what this means that

1436
01:01:36,590 --> 01:01:40,970
she said it's your girlfriend you say

1437
01:01:38,269 --> 01:01:42,619
you tell I don't know Oh where's the

1438
01:01:40,969 --> 01:01:45,889
other bit that she said that made no

1439
01:01:42,619 --> 01:01:48,049
sense at all oh here we go here we go

1440
01:01:45,889 --> 01:01:52,549
look for this part ways change no no I

1441
01:01:48,050 --> 01:01:54,289
am this this is whether from chez it

1442
01:01:52,550 --> 01:01:56,539
says we are heading into a global

1443
01:01:54,289 --> 01:02:00,800
cooling period not a global warming

1444
01:01:56,539 --> 01:02:02,840
period okay I'm not finished yet harsh

1445
01:02:00,800 --> 01:02:05,150
winter and strong storms will further

1446
01:02:02,840 --> 01:02:07,340
lash the economy for two more years the

1447
01:02:05,150 --> 01:02:09,349
cooling will advance for eight years to

1448
01:02:07,340 --> 01:02:13,640
bring it to halfway through its 20-year

1449
01:02:09,349 --> 01:02:16,190
cycle watch the bees and frogs the

1450
01:02:13,639 --> 01:02:17,900
sunspots go quiet store water for more

1451
01:02:16,190 --> 01:02:21,920
droughts each home should get its own

1452
01:02:17,900 --> 01:02:23,329
tank now well the storm this the first

1453
01:02:21,920 --> 01:02:25,760
of all a few of these things just don't

1454

01:02:23,329 --> 01:02:29,299
make any sense at all the winter was the

1455
01:02:25,760 --> 01:02:31,370
mildest we've had in years um the summer

1456
01:02:29,300 --> 01:02:33,680
harsh winter no we didn't have a harsh

1457
01:02:31,369 --> 01:02:36,619
winter the sun spots were already very

1458
01:02:33,679 --> 01:02:38,779
very quiet at the end of 2009 and there

1459
01:02:36,619 --> 01:02:41,029
was already a lengthy period of no

1460
01:02:38,780 --> 01:02:43,130
sunspots at all but we need time yes

1461
01:02:41,030 --> 01:02:44,780
it's not it's not a prediction it

1462
01:02:43,130 --> 01:02:45,860
basically it's all selection she was

1463
01:02:44,780 --> 01:02:48,280
actually announcing something was

1464
01:02:45,860 --> 01:02:51,380
already happening the droughts well

1465
01:02:48,280 --> 01:02:52,849
we've been in a drought for since 2000

1466
01:02:51,380 --> 01:02:55,640
so I mean kind of a

1467
01:02:52,849 --> 01:02:58,009
again it's not exactly a prediction to

1468
01:02:55,639 --> 01:02:59,478

say this is going to be a drought yeah

1469

01:02:58,009 --> 01:03:03,619

but what about watching the bees and

1470

01:02:59,478 --> 01:03:05,689

frogs Iran whatever hmm is that just to

1471

01:03:03,619 --> 01:03:08,119

calm you down or are they going to be

1472

01:03:05,690 --> 01:03:09,409

wrong I mean I tried to suggest to

1473

01:03:08,119 --> 01:03:11,119

Richard when we were discussing this the

1474

01:03:09,409 --> 01:03:13,098

other night that she was inferring the

1475

01:03:11,119 --> 01:03:14,930

column colony collapse that's happening

1476

01:03:13,099 --> 01:03:17,298

with the bees but he said that was too

1477

01:03:14,929 --> 01:03:20,690

much of a stretch did watch the bees and

1478

01:03:17,298 --> 01:03:22,699

frogs images to say that she knows what

1479

01:03:20,690 --> 01:03:27,559

she's talking about here is too much of

1480

01:03:22,699 --> 01:03:30,949

it to try so try to try to try to

1481

01:03:27,559 --> 01:03:33,319

extract some meaning without being

1482

01:03:30,949 --> 01:03:35,298

somehow connected to the brilliant mind

1483
01:03:33,318 --> 01:03:36,978
that is shade oh no this is a great one

1484
01:03:35,298 --> 01:03:40,009
from shady this one's great in fact

1485
01:03:36,978 --> 01:03:41,719
Richard asked Desiree shell about this

1486
01:03:40,009 --> 01:03:44,298
on skype the other night because she

1487
01:03:41,719 --> 01:03:45,919
says that Russia will again engage in

1488
01:03:44,298 --> 01:03:48,528
throwing its weight around and will look

1489
01:03:45,920 --> 01:03:51,858
to Alaska a tense and nervous situation

1490
01:03:48,528 --> 01:03:54,170
willin to that hasn't happened but what

1491
01:03:51,858 --> 01:03:58,608
we know is that the governor governor of

1492
01:03:54,170 --> 01:03:59,960
alaska was definitely looking at them he

1493
01:03:58,608 --> 01:04:01,880
could see Russia out of her kitchen

1494
01:03:59,960 --> 01:04:04,519
window can I see Sarah pie maybe she

1495
01:04:01,880 --> 01:04:06,920
could see that the frogs and the baby

1496
01:04:04,518 --> 01:04:09,228
too yes but what was the one Richard

1497
01:04:06,920 --> 01:04:11,509
will that shea said about you must just

1498
01:04:09,228 --> 01:04:13,159
feel the goodness of the nature I was

1499
01:04:11,509 --> 01:04:14,960
that was that shad I can't move that

1500
01:04:13,159 --> 01:04:17,210
will show you somebody somebody mowed

1501
01:04:14,960 --> 01:04:20,599
did it make sense no I know he would say

1502
01:04:17,210 --> 01:04:22,009
it made absolutely somebody said oh here

1503
01:04:20,599 --> 01:04:25,068
we go no it's not shame but this one

1504
01:04:22,009 --> 01:04:28,099
says in part each of us needs to be

1505
01:04:25,068 --> 01:04:31,369
connected to nature for 2009 to feel at

1506
01:04:28,099 --> 01:04:33,349
peace so there we go 40 predictions

1507
01:04:31,369 --> 01:04:35,059
probably some okra says some predictions

1508
01:04:33,349 --> 01:04:37,099
which have multiple prediction some of

1509
01:04:35,059 --> 01:04:38,749
actions that are not prediction some

1510
01:04:37,099 --> 01:04:41,210
predictions are not predictions but our

1511

01:04:38,748 --> 01:04:44,238
best research could find that they got

1512
01:04:41,210 --> 01:04:46,489
roughly ten percent right and that's

1513
01:04:44,239 --> 01:04:49,728
being generous with some mum it was bad

1514
01:04:46,489 --> 01:04:53,809
yeah so this gives a I'm gonna you know

1515
01:04:49,728 --> 01:04:55,968
how you know the if you bet on horse as

1516
01:04:53,809 --> 01:04:58,190
you get prizes for the first three

1517
01:04:55,969 --> 01:05:00,950
horses in certain combinations but you

1518
01:04:58,190 --> 01:05:02,450
also get because it's so unlikely that

1519
01:05:00,949 --> 01:05:04,248
you'll get the last one you also get

1520
01:05:02,449 --> 01:05:06,139
something for the last one oh yeah i

1521
01:05:04,248 --> 01:05:11,209
would say they've beaten chance

1522
01:05:06,139 --> 01:05:13,578
so magnificent by only gonna take they

1523
01:05:11,210 --> 01:05:14,960
should get a bed spoon oh sorry i

1524
01:05:13,579 --> 01:05:17,180
wouldn'ta wouldn't fit well together

1525
01:05:14,960 --> 01:05:18,858

with this way because tempered how can

1526

01:05:17,179 --> 01:05:20,568

you get ten percent I mean it requires a

1527

01:05:18,858 --> 01:05:23,088

special effort I mean if you just make

1528

01:05:20,568 --> 01:05:25,038

predictions that make sense you will get

1529

01:05:23,088 --> 01:05:26,480

the desolation Iran because that

1530

01:05:25,039 --> 01:05:29,240

somebody's are saying you must be more

1531

01:05:26,480 --> 01:05:30,920

in connection with nature and trees well

1532

01:05:29,239 --> 01:05:33,169

you must watch another prettiest watch

1533

01:05:30,920 --> 01:05:34,670

the frogs and these like Hello they're

1534

01:05:33,170 --> 01:05:36,980

not making predictions it makes sense

1535

01:05:34,670 --> 01:05:38,930

and they're not predictions and most of

1536

01:05:36,980 --> 01:05:42,920

the ones that they do predict which you

1537

01:05:38,929 --> 01:05:45,469

can actually just look wrong so the

1538

01:05:42,920 --> 01:05:47,329

skeptics got roughly sixty six percent

1539

01:05:45,469 --> 01:05:49,518

right now predictions the psychics ten

1540
01:05:47,329 --> 01:05:51,528
percent so the sixty-six percent love

1541
01:05:49,518 --> 01:05:54,108
include that last prediction that yes

1542
01:05:51,528 --> 01:05:55,699
yes last prediction was that we

1543
01:05:54,108 --> 01:05:59,480
predicted we'd be do better than the

1544
01:05:55,699 --> 01:06:01,730
psychic okay so there were some major

1545
01:05:59,480 --> 01:06:05,630
events that happened in 2009 Richard

1546
01:06:01,730 --> 01:06:07,338
that we thought we should um oh here it

1547
01:06:05,630 --> 01:06:10,068
is yes that some of the things that they

1548
01:06:07,338 --> 01:06:12,230
obviously missed a big event for us you

1549
01:06:10,068 --> 01:06:14,000
would expect if you had our capability

1550
01:06:12,230 --> 01:06:16,009
but I mean but you think is you're

1551
01:06:14,000 --> 01:06:17,358
focusing on little things ok I'll let

1552
01:06:16,009 --> 01:06:20,750
you tell you go with that first before I

1553
01:06:17,358 --> 01:06:22,369
make my comment all right now these are

1554
01:06:20,750 --> 01:06:24,139
the things that we expected to see in

1555
01:06:22,369 --> 01:06:27,920
the pages of the psychic directory to

1556
01:06:24,139 --> 01:06:30,379
warn us all for the the year 2009 the

1557
01:06:27,920 --> 01:06:32,599
first and foremost would probably be

1558
01:06:30,380 --> 01:06:34,910
Black Saturday in Australia which is one

1559
01:06:32,599 --> 01:06:37,338
of the worst natural bush fires in

1560
01:06:34,909 --> 01:06:39,288
Australia's history hundreds hundreds of

1561
01:06:37,338 --> 01:06:41,380
people dead count on the surrounding

1562
01:06:39,289 --> 01:06:44,509
towns wiped off the face of the map

1563
01:06:41,380 --> 01:06:47,119
natural disaster beyond belief horrible

1564
01:06:44,509 --> 01:06:50,000
Thank psychics for warning us all the

1565
01:06:47,119 --> 01:06:52,119
tsunami that happened in Samoa Thank You

1566
01:06:50,000 --> 01:06:55,099
psychics for warning us all about that

1567
01:06:52,119 --> 01:06:56,660
Nathan Rees out the former premier who

1568

01:06:55,099 --> 01:06:58,369
has just dumped the other day and

1569
01:06:56,659 --> 01:07:00,108
Malcolm Turnbull the leader of the

1570
01:06:58,369 --> 01:07:03,920
Opposition federally who has just dumped

1571
01:07:00,108 --> 01:07:05,509
the other week hello psychics nope all

1572
01:07:03,920 --> 01:07:06,829
right no they all they said was Kevin

1573
01:07:05,509 --> 01:07:08,960
Mike we get into trouble they didn't

1574
01:07:06,829 --> 01:07:11,420
mention wrong yea though I have to say

1575
01:07:08,960 --> 01:07:13,250
here that there was a prediction saying

1576
01:07:11,420 --> 01:07:15,019
that a blonde woman in Australia will be

1577
01:07:13,250 --> 01:07:16,608
moving up the ranks in politics and we

1578
01:07:15,018 --> 01:07:19,339
had to give them a point for that we did

1579
01:07:16,608 --> 01:07:23,869
hear other algebraic

1580
01:07:19,340 --> 01:07:28,579
really yeah yeah sorta yeah externally

1581
01:07:23,869 --> 01:07:30,769
but also also Bronwyn Bishop has made a

1582
01:07:28,579 --> 01:07:34,210

return to the front the shadow tell you

1583

01:07:30,769 --> 01:07:36,469

it's goin all right continuous I agree

1584

01:07:34,210 --> 01:07:38,000

Australians received most Australians

1585

01:07:36,469 --> 01:07:39,589

received nine hundred dollars here from

1586

01:07:38,000 --> 01:07:41,570

the government as part of the stimulus

1587

01:07:39,590 --> 01:07:43,640

package good at me I think that's a big

1588

01:07:41,570 --> 01:07:45,220

deal that I would like to have been told

1589

01:07:43,639 --> 01:07:48,109

about so i can find my budget yeah

1590

01:07:45,219 --> 01:07:51,230

barack obama wins the nobel peace prize

1591

01:07:48,110 --> 01:07:52,309

nobody saw that coming nobody suspect

1592

01:07:51,230 --> 01:07:54,679

the psychics what i was saying you

1593

01:07:52,309 --> 01:07:57,259

wouldn't expect man no psychics warned

1594

01:07:54,679 --> 01:08:00,409

the poor people in the jakarta hotel

1595

01:07:57,260 --> 01:08:03,380

about the bombing eight dead or the

1596

01:08:00,409 --> 01:08:05,779

various bombs in your in baghdad of

1597
01:08:03,380 --> 01:08:07,490
course that happen quite often alexandra

1598
01:08:05,780 --> 01:08:08,930
21 dead just the other just the other

1599
01:08:07,489 --> 01:08:10,669
day they would have picked that because

1600
01:08:08,929 --> 01:08:12,440
that's a bit like the one here that said

1601
01:08:10,670 --> 01:08:15,260
Pakistan will get rid of the extra yes

1602
01:08:12,440 --> 01:08:16,430
yeah hbu no car bombs in in Baghdad

1603
01:08:15,260 --> 01:08:18,289
would be feel like you would expect

1604
01:08:16,430 --> 01:08:19,600
something like that at least at least

1605
01:08:18,289 --> 01:08:22,609
they could tell them when and where

1606
01:08:19,600 --> 01:08:24,890
there's been a big influx influx of

1607
01:08:22,609 --> 01:08:27,440
refugees heading for Australia this year

1608
01:08:24,890 --> 01:08:29,810
there was water found on the moon they

1609
01:08:27,439 --> 01:08:33,769
didn't mention that no Michael Jackson

1610
01:08:29,810 --> 01:08:35,780
died which rebecca watson predict

1611
01:08:33,770 --> 01:08:39,109
rebecca watson predicted that last year

1612
01:08:35,779 --> 01:08:40,729
on s yeah but nowhere in this psychic

1613
01:08:39,109 --> 01:08:42,680
directory of Australia's top psychics

1614
01:08:40,729 --> 01:08:45,139
did anyone predict don't lean a psychic

1615
01:08:42,680 --> 01:08:48,350
as rebecca watson major health reforms

1616
01:08:45,140 --> 01:08:50,150
in the United States a media over

1617
01:08:48,350 --> 01:08:53,450
Indonesia which exploded up in the

1618
01:08:50,149 --> 01:08:56,210
atmosphere that was quite something the

1619
01:08:53,449 --> 01:08:57,588
chaser TV show in here in Australia was

1620
01:08:56,210 --> 01:09:00,800
taken off the air for a couple of weeks

1621
01:08:57,588 --> 01:09:02,750
for outrageous comments the hey hey it's

1622
01:09:00,800 --> 01:09:05,930
saturday show made a big comeback but

1623
01:09:02,750 --> 01:09:07,640
caused huge controversy with their one

1624
01:09:05,930 --> 01:09:09,320
of their routines with the people in

1625

01:09:07,640 --> 01:09:13,579
blackface so that can white mean strike

1626
01:09:09,319 --> 01:09:16,699
and white minstrels and last Tiger Woods

1627
01:09:13,579 --> 01:09:19,220
oh they didn't get that one now we

1628
01:09:16,699 --> 01:09:20,869
probably miss some you know I'm sure we

1629
01:09:19,220 --> 01:09:23,480
do but I think I what I wanted to say

1630
01:09:20,869 --> 01:09:25,189
earlier was that you see you're focusing

1631
01:09:23,479 --> 01:09:26,838
on all these things and they're all okay

1632
01:09:25,189 --> 01:09:28,969
they're prominent and all that but

1633
01:09:26,838 --> 01:09:30,649
they're not nearly as important as being

1634
01:09:28,970 --> 01:09:32,289
in touch with nature and watching the

1635
01:09:30,649 --> 01:09:35,119
fava beans

1636
01:09:32,289 --> 01:09:36,588
of course what was i thinking wasn't the

1637
01:09:35,119 --> 01:09:39,439
one in here Richard about there will be

1638
01:09:36,588 --> 01:09:41,568
tremors down there wesco yes America

1639
01:09:39,439 --> 01:09:43,338

there is one there somewhere tremors on

1640

01:09:41,569 --> 01:09:45,680

the west coast of America is that

1641

01:09:43,338 --> 01:09:47,659

happening I think it's here now that

1642

01:09:45,680 --> 01:09:49,909

that couldn't that couldn't be true no I

1643

01:09:47,659 --> 01:09:51,409

know I was here so much it's there

1644

01:09:49,909 --> 01:09:57,829

somewhere they predict that it will call

1645

01:09:51,409 --> 01:09:59,180

the Sun address fault that's why we can

1646

01:09:57,829 --> 01:10:01,640

be very that's what we call him

1647

01:09:59,180 --> 01:10:03,289

Australia duh I wish I could find it was

1648

01:10:01,640 --> 01:10:05,650

hilarious last night when I was laughing

1649

01:10:03,289 --> 01:10:08,810

at it this is another really obvious one

1650

01:10:05,649 --> 01:10:10,069

you know a no-brainer Obama will bring

1651

01:10:08,810 --> 01:10:11,750

about the breakdown of a lot of

1652

01:10:10,069 --> 01:10:14,960

America's old attitudes and rigid

1653

01:10:11,750 --> 01:10:16,880

structures ! he will be effective in

1654
01:10:14,960 --> 01:10:18,680
bringing about massive changes globally

1655
01:10:16,880 --> 01:10:21,739
and will be instrumental in helping Iraq

1656
01:10:18,680 --> 01:10:24,789
to become an independent country that's

1657
01:10:21,738 --> 01:10:28,729
like the San Andreas Fault Line isn't it

1658
01:10:24,789 --> 01:10:30,170
it's just it's just embarrassing but at

1659
01:10:28,729 --> 01:10:32,389
the beginning of this article they talk

1660
01:10:30,170 --> 01:10:34,430
about the previous year's predictions

1661
01:10:32,390 --> 01:10:35,930
and talk about the hits they got so

1662
01:10:34,430 --> 01:10:39,380
we're going to hang on to this rich in

1663
01:10:35,930 --> 01:10:40,909
and at the beginning of 210 I want to

1664
01:10:39,380 --> 01:10:43,310
see what they claim they got right

1665
01:10:40,909 --> 01:10:45,260
compared to what we say they got right

1666
01:10:43,310 --> 01:10:47,480
I'd be interested to see what they say

1667
01:10:45,260 --> 01:10:49,730
in the 2010 we just do it yeah that'll

1668
01:10:47,479 --> 01:10:52,189
be out soon actually it should be it'll

1669
01:10:49,729 --> 01:10:55,579
be out soon well well done psychics I

1670
01:10:52,189 --> 01:10:57,979
predict I predict you get the booby

1671
01:10:55,579 --> 01:10:59,329
prize I predict and I predicted this at

1672
01:10:57,979 --> 01:11:02,029
the beginning of the year the next week

1673
01:10:59,329 --> 01:11:04,100
will be another skeptic zone did you put

1674
01:11:02,029 --> 01:11:06,590
it don't dude I need an every week this

1675
01:11:04,100 --> 01:11:08,719
year there has been a skeptic sir hmm

1676
01:11:06,590 --> 01:11:11,090
which is that's okay that's still a hit

1677
01:11:08,719 --> 01:11:13,909
yeah t I got it right because next week

1678
01:11:11,090 --> 01:11:17,210
hasn't happened yet who hasn't happened

1679
01:11:13,909 --> 01:11:18,979
I'd like to think dr. Rachel done up for

1680
01:11:17,210 --> 01:11:20,689
being with us tonight in the think tank

1681
01:11:18,979 --> 01:11:24,049
thank you Richard I love this segment of

1682

01:11:20,689 --> 01:11:26,419
the show it's so much fun thank you once

1683
01:11:24,050 --> 01:11:28,159
again thank you written it's great to

1684
01:11:26,420 --> 01:11:31,190
hear from our friends and colleagues in

1685
01:11:28,159 --> 01:11:33,380
Finland and the Netherlands and until

1686
01:11:31,189 --> 01:11:35,988
next time on the think tank which might

1687
01:11:33,380 --> 01:11:37,909
be a good few weeks away because though

1688
01:11:35,988 --> 01:11:40,349
we're having a little bit of a a summer

1689
01:11:37,909 --> 01:11:42,989
series coming up or winter series of

1690
01:11:40,350 --> 01:12:05,550
in North America it's goodbye from the

1691
01:11:42,989 --> 01:12:08,369
think tank glasses this is desiree shell

1692
01:12:05,550 --> 01:12:10,350
hosted skeptically speaking check out

1693
01:12:08,369 --> 01:12:13,769
our website at skeptically speaking calm

1694
01:12:10,350 --> 01:12:17,970
and listen to us live on CJ sr 88.5 FM

1695
01:12:13,770 --> 01:12:21,770
in Edmonton Alberta Canada I now return

1696
01:12:17,970 --> 01:12:21,770

you to the skeptic zone

1697

01:12:25,210 --> 01:12:27,270

you

1698

01:12:33,500 --> 01:12:38,340

thank you for listening to the skeptic

1699

01:12:35,819 --> 01:12:40,769

zone now don't forget everybody we're

1700

01:12:38,340 --> 01:12:43,529

busily getting ready for Tam Australia I

1701

01:12:40,770 --> 01:12:45,960

know it's almost a year away but that

1702

01:12:43,529 --> 01:12:48,989

year will go quick I'm sure and you can

1703

01:12:45,960 --> 01:12:51,239

help us by helping the skeptics guide to

1704

01:12:48,989 --> 01:12:53,760

the universe all five of them are coming

1705

01:12:51,239 --> 01:12:55,050

out for the tam Australia and I think

1706

01:12:53,760 --> 01:12:58,860

they need your help we need your help

1707

01:12:55,050 --> 01:13:01,199

run over to the SGU website and find the

1708

01:12:58,859 --> 01:13:04,109

donate button and help get them to

1709

01:13:01,199 --> 01:13:06,599

australia until next week this is

1710

01:13:04,109 --> 01:13:11,969

Richard Saunders signing off from Sydney

1711
01:13:06,600 --> 01:13:16,230
Australia you've been listening to the

1712
01:13:11,970 --> 01:13:19,500
skeptical zone visit our website at wwc a

1713
01:13:16,229 --> 01:13:23,209
petting zoo TV for comments contacts and

1714
01:13:19,500 --> 01:13:23,210
extra video reports

1715
01:13:23,449 --> 01:13:26,449
skin

1716
01:13:41,569 --> 01:13:43,599
I