

1
00:00:05,929 --> 00:00:13,699
welcome to the skeptic zone the podcast

2
00:00:09,089 --> 00:00:13,699
from Australia for science and reason

3
00:00:23,579 --> 00:00:29,348
hello and welcome to the skeptic zone

4
00:00:26,199 --> 00:00:32,950
episode number 209 for the 20th of

5
00:00:29,349 --> 00:00:36,670
October 2012 Richard Saunders with you

6
00:00:32,950 --> 00:00:40,600
from a skating warmer definitely getting

7
00:00:36,670 --> 00:00:43,359
warmer Sydney Australia on this week's

8
00:00:40,600 --> 00:00:45,429
show more from the amazing meeting in

9
00:00:43,359 --> 00:00:48,518
Las Vegas now friend and reporter

10
00:00:45,429 --> 00:00:51,070
Maynard Maynard speaks to Shane green up

11
00:00:48,518 --> 00:00:54,509
her an Aussie living in Chile Chile

12
00:00:51,070 --> 00:01:00,850
about a project he's involved with cold

13
00:00:54,509 --> 00:01:02,649
Roberta Roberta ah bu TR got something

14
00:01:00,850 --> 00:01:05,680
you'd like to rebut seen a website that

15
00:01:02,649 --> 00:01:08,769
needs rebutting through butter plugin

16
00:01:05,680 --> 00:01:11,399
might be for you find out more coming up

17
00:01:08,769 --> 00:01:14,129
when Maynard interviews Shane greener

18
00:01:11,399 --> 00:01:16,420
after that Maynard speaks to a very

19
00:01:14,129 --> 00:01:17,618
enthusiastic young delegate at the

20
00:01:16,420 --> 00:01:23,250
amazing meeting all the way from

21
00:01:17,618 --> 00:01:25,810
Virginia I don't know her name so

22
00:01:23,250 --> 00:01:27,700
mysterious person from Virginia whose

23
00:01:25,810 --> 00:01:30,579
voice I don't know if I recognize or not

24
00:01:27,700 --> 00:01:32,020
you know probably should if you know who

25
00:01:30,579 --> 00:01:34,569
you are please write to me and I will

26
00:01:32,019 --> 00:01:36,879
mention you on next week's podcast but

27
00:01:34,569 --> 00:01:39,669
you do have a lot of interesting things

28
00:01:36,879 --> 00:01:41,259
to say to me nerd and then Maynard wraps

29

00:01:39,670 --> 00:01:45,478
up his Tammy interviews for this week

30
00:01:41,259 --> 00:01:49,118
with an interview with surly RemX amy

31
00:01:45,478 --> 00:01:51,219
davis rough or surly Amy as she's known

32
00:01:49,118 --> 00:01:53,769
now some of you may remember that video

33
00:01:51,219 --> 00:01:55,719
yes skeptic zone put out about a year or

34
00:01:53,769 --> 00:01:58,569
two ago how it's done applied

35
00:01:55,719 --> 00:02:01,298
kinesiology well one of the props were

36
00:01:58,569 --> 00:02:03,250
used in that to demonstrate them how

37
00:02:01,299 --> 00:02:06,340
these things do or don't work was a

38
00:02:03,250 --> 00:02:11,919
surly ramik little pendant and honored

39
00:02:06,340 --> 00:02:13,780
States science saves lives then to round

40
00:02:11,919 --> 00:02:15,759
off the show a little opinion piece I

41
00:02:13,780 --> 00:02:18,370
wrote all about predictions yes in

42
00:02:15,759 --> 00:02:20,289
December and January probably all around

43
00:02:18,370 --> 00:02:23,049

the world the media's full of people

44

00:02:20,289 --> 00:02:25,750

making predictions what's coming up for

45

00:02:23,049 --> 00:02:28,959

the year ahead hear my thoughts about

46

00:02:25,750 --> 00:02:30,870

that a bit later now during the wig

47

00:02:28,959 --> 00:02:33,049

during the week I am

48

00:02:30,870 --> 00:02:36,450

took some time out and I watched a

49

00:02:33,049 --> 00:02:40,049

relatively new documentary ancient

50

00:02:36,449 --> 00:02:43,679

aliens debunked by chris white and

51

00:02:40,049 --> 00:02:46,739

there's a website for that video goes

52

00:02:43,680 --> 00:02:49,950

for over three hours ancient aliens

53

00:02:46,739 --> 00:02:53,489

debunked calm and I was really enjoying

54

00:02:49,949 --> 00:02:55,649

it it was fantastic at his amazing job

55

00:02:53,489 --> 00:02:57,509

take my head off to Chris White for the

56

00:02:55,650 --> 00:03:01,019

research and his friends have done to

57

00:02:57,509 --> 00:03:03,179

put this together uh and then a couple

58
00:03:01,019 --> 00:03:05,219
of things sort of confused me a little

59
00:03:03,180 --> 00:03:07,129
bit as I was watching it because he was

60
00:03:05,219 --> 00:03:10,560
doing such a great job in dismantling

61
00:03:07,128 --> 00:03:13,979
bad arguments a couple of things about

62
00:03:10,560 --> 00:03:15,598
Noah's Flood and angels and I wasn't

63
00:03:13,979 --> 00:03:18,719
quite sure so I went to the Internet and

64
00:03:15,598 --> 00:03:21,119
I sort of found that maybe chris white

65
00:03:18,719 --> 00:03:22,889
isn't as skeptical as he could have been

66
00:03:21,120 --> 00:03:24,750
in certain aspects of the film but I

67
00:03:22,889 --> 00:03:28,738
don't wonder whom I don't want to play

68
00:03:24,750 --> 00:03:31,019
the heavy hand here and make too many

69
00:03:28,739 --> 00:03:32,908
comments there's a lot of back and forth

70
00:03:31,019 --> 00:03:36,450
on the internet about it especially at

71
00:03:32,908 --> 00:03:38,578
skeptical calm look I enjoyed it there's

72
00:03:36,449 --> 00:03:40,768
bits in it where we can question what's

73
00:03:38,579 --> 00:03:44,280
really going on and maybe the motives of

74
00:03:40,769 --> 00:03:46,500
chris white but by and large by and

75
00:03:44,280 --> 00:03:48,959
large and i think i heard the expression

76
00:03:46,500 --> 00:03:52,139
well don't throw the baby out with the

77
00:03:48,959 --> 00:03:55,769
bathwater the documentary by and large

78
00:03:52,139 --> 00:03:57,120
is certainly worth a look start watching

79
00:03:55,769 --> 00:03:59,579
it see what you think i can recommend

80
00:03:57,120 --> 00:04:00,719
that you have a look and then but bear

81
00:03:59,579 --> 00:04:03,659
in mind that there's some controversy

82
00:04:00,719 --> 00:04:06,930
about it and you can google that check

83
00:04:03,659 --> 00:04:08,969
it out but don't let that stop you from

84
00:04:06,930 --> 00:04:11,699
watching it in the first place if all

85
00:04:08,969 --> 00:04:14,909
that sort of makes sense ancient aliens

86

00:04:11,699 --> 00:04:17,489
debunked and before we get stuck into

87
00:04:14,909 --> 00:04:20,728
the skeptic zone just today I was at

88
00:04:17,488 --> 00:04:23,759
Prince of Wales hospital here in Sydney

89
00:04:20,728 --> 00:04:25,348
and randwick between ran week and Coogi

90
00:04:23,759 --> 00:04:28,740
and I'm sure sydneyiders know where

91
00:04:25,348 --> 00:04:31,050
that is to visit my brother who had a

92
00:04:28,740 --> 00:04:32,879
hip replacement operation very young man

93
00:04:31,050 --> 00:04:34,889
to have a hip replacement operation but

94
00:04:32,879 --> 00:04:38,550
it wasn't working too well he's

95
00:04:34,889 --> 00:04:40,199
recovering very nicely and anyway on my

96
00:04:38,550 --> 00:04:42,449
way into the hospital I noticed there

97
00:04:40,199 --> 00:04:43,819
was a big sort of impromptu market I

98
00:04:42,449 --> 00:04:45,319
suppose they have that every

99
00:04:43,819 --> 00:04:48,620
month or every couple of weeks I don't

100
00:04:45,319 --> 00:04:50,750

know really and you could buy socks and

101

00:04:48,620 --> 00:04:53,149

gadgets and all sorts of things selling

102

00:04:50,750 --> 00:04:56,720

them intense I was looking around and

103

00:04:53,149 --> 00:05:01,909

there was somebody selling detox foot

104

00:04:56,720 --> 00:05:06,110

patches and ear candles at a hospital

105

00:05:01,910 --> 00:05:08,960

ear candles so I looked at them and I

106

00:05:06,110 --> 00:05:10,550

looked a bit shocked and he looked at me

107

00:05:08,959 --> 00:05:14,120

and he said yeah they're here comes and

108

00:05:10,550 --> 00:05:17,360

I said really here and he said what are

109

00:05:14,120 --> 00:05:21,709

they too alternative for you um I said

110

00:05:17,360 --> 00:05:24,680

no they're too dangerous and I rattled

111

00:05:21,709 --> 00:05:26,479

off about eight quickfire reasons as to

112

00:05:24,680 --> 00:05:31,009

why they're dangerous and not a good

113

00:05:26,480 --> 00:05:32,990

idea he was a little bit taken back and

114

00:05:31,009 --> 00:05:34,730

but I didn't spend any time arguing with

115
00:05:32,990 --> 00:05:36,590
him I just told him the reasons and then

116
00:05:34,730 --> 00:05:38,290
I said I will let the hospital know that

117
00:05:36,589 --> 00:05:40,789
this is not a good thing and walked off

118
00:05:38,290 --> 00:05:42,470
so that's what i'll do i'll write to the

119
00:05:40,790 --> 00:05:45,650
Prince of Wales hospital and say by the

120
00:05:42,470 --> 00:05:48,230
way you really shouldn't have somebody

121
00:05:45,649 --> 00:05:51,439
selling this major quackery and

122
00:05:48,230 --> 00:05:56,060
dangerous quietly to boot at a hospital

123
00:05:51,439 --> 00:05:57,889
well we do our best now this week's

124
00:05:56,060 --> 00:06:00,949
episode of the skeptic zone is one of

125
00:05:57,889 --> 00:06:02,899
those shorter ones i'm somewhat swamped

126
00:06:00,949 --> 00:06:06,680
at the moment I'm just about to fly out

127
00:06:02,899 --> 00:06:07,759
to California and there's other things

128
00:06:06,680 --> 00:06:09,170
sort of happening in the background

129
00:06:07,759 --> 00:06:11,539
there so I hope you don't mind the

130
00:06:09,170 --> 00:06:13,580
slightly abbreviated skeptic zone always

131
00:06:11,540 --> 00:06:17,120
good content and of course we always

132
00:06:13,579 --> 00:06:19,759
think may nod for that and and don't

133
00:06:17,120 --> 00:06:21,110
forget don't forget as we keep reminding

134
00:06:19,759 --> 00:06:23,569
you that the Australian skeptics

135
00:06:21,110 --> 00:06:27,020
national conventions coming up visit w

136
00:06:23,569 --> 00:06:29,360
WV skeptics wordpress com for more

137
00:06:27,019 --> 00:06:33,649
information or skipped exams on TV hope

138
00:06:29,360 --> 00:06:35,720
to see you there cool all right far too

139
00:06:33,649 --> 00:06:37,489
much out of me for this introduction

140
00:06:35,720 --> 00:06:38,840
maybe if I keep talking the show will be

141
00:06:37,490 --> 00:06:41,000
longer because the introduction on glory

142
00:06:38,839 --> 00:06:43,039
no no I won't do that at all I'm going

143

00:06:41,000 --> 00:06:43,939
to run downstairs folks I won't

144
00:06:43,040 --> 00:06:46,310
disappoint you i'm going to run

145
00:06:43,939 --> 00:06:51,110
downstairs i'm going to have some smoked

146
00:06:46,310 --> 00:06:53,629
salmon on toast smoked salmon on toast

147
00:06:51,110 --> 00:06:54,460
or locks i think they call it in north

148
00:06:53,629 --> 00:06:57,579
america

149
00:06:54,459 --> 00:07:00,969
a rose by any other name would taste as

150
00:06:57,579 --> 00:07:04,978
yummy well I munch my salmon I'll let

151
00:07:00,970 --> 00:07:04,979
you enjoy the skeptic zone

152
00:07:17,569 --> 00:07:24,800
here's my not spooky action at a

153
00:07:22,290 --> 00:07:24,800
distance

154
00:07:25,848 --> 00:07:31,468
look why I'm here cynically near the

155
00:07:29,038 --> 00:07:33,899
men's toilets as look basically that's

156
00:07:31,468 --> 00:07:35,248
where the most truth add in women's

157
00:07:33,899 --> 00:07:37,079

toilets to cause basically the toilet is

158

00:07:35,249 --> 00:07:39,300

where people speak their mind and we're

159

00:07:37,079 --> 00:07:42,088

close enough to have the mind spoken of

160

00:07:39,300 --> 00:07:43,740

Shane how a shame I'm great thanks but I

161

00:07:42,088 --> 00:07:45,838

probably think of this used town I'm

162

00:07:43,740 --> 00:07:48,478

loving it I haven't gotten to compare it

163

00:07:45,838 --> 00:07:50,399

against it's my first one but it's been

164

00:07:48,478 --> 00:07:53,818

awesome I've been talking to so many

165

00:07:50,399 --> 00:07:55,588

just interesting intelligent people and

166

00:07:53,819 --> 00:07:57,539

the subject matters just something that

167

00:07:55,588 --> 00:08:00,209

I love it was you're based in South

168

00:07:57,538 --> 00:08:02,550

America now yeah and living in not only

169

00:08:00,209 --> 00:08:05,129

in Chile but in southern Chile in the

170

00:08:02,550 --> 00:08:07,110

the base of a volcano town called pick

171

00:08:05,129 --> 00:08:10,259

on can we call it chili or was that just

172
00:08:07,110 --> 00:08:11,848
an affectation like diversity no no

173
00:08:10,259 --> 00:08:13,528
that's what the Chilean score actually

174
00:08:11,848 --> 00:08:15,329
okay good I'm not just making sure I get

175
00:08:13,528 --> 00:08:17,098
it right there and you've moved there

176
00:08:15,329 --> 00:08:19,318
and put you been working on rubato which

177
00:08:17,098 --> 00:08:21,180
sounds like a very interesting um it

178
00:08:19,319 --> 00:08:23,639
sounds kind of evil to take over the

179
00:08:21,180 --> 00:08:25,379
world i like it like like Skynet that's

180
00:08:23,639 --> 00:08:28,168
funny you mention that because when we

181
00:08:25,379 --> 00:08:29,459
were first developing it now sort of

182
00:08:28,168 --> 00:08:31,558
thinking of ways to market a way to

183
00:08:29,459 --> 00:08:33,839
reach out to people I had this vision of

184
00:08:31,559 --> 00:08:34,949
a comic with robota man running around

185
00:08:33,839 --> 00:08:37,649
punching people in the face saying

186
00:08:34,948 --> 00:08:39,389
you're wrong we haven't our worked on

187
00:08:37,649 --> 00:08:41,370
that yet but I just had a visual of it

188
00:08:39,389 --> 00:08:44,818
since I've got a hollowed-out volcano

189
00:08:41,370 --> 00:08:46,409
that you have your master plan sitting

190
00:08:44,818 --> 00:08:49,860
there stroking a white cat going world

191
00:08:46,409 --> 00:08:52,679
butter it will conquer all I think you

192
00:08:49,860 --> 00:08:54,509
just outlined our strategy but mighty

193
00:08:52,679 --> 00:08:56,338
that's a great elevator pitch yeah yeah

194
00:08:54,509 --> 00:08:57,990
no blonde one wow you've got a white cat

195
00:08:56,339 --> 00:09:01,410
and hold out volcano here's some money

196
00:08:57,990 --> 00:09:03,990
look what does this robot adieu okay I'm

197
00:09:01,409 --> 00:09:06,870
so we're building basically a database

198
00:09:03,990 --> 00:09:08,399
of connections between rebuttal articles

199
00:09:06,870 --> 00:09:09,990
on the internet and the pages that

200

00:09:08,399 --> 00:09:11,730
they're abutting so the first

201
00:09:09,990 --> 00:09:14,250
implementation of this is a browser

202
00:09:11,730 --> 00:09:16,589
extension so you install it into chrome

203
00:09:14,250 --> 00:09:17,759
and as you're browsing the internet

204
00:09:16,589 --> 00:09:20,069
whenever you land on a page which has

205
00:09:17,759 --> 00:09:22,049
been rebutted by someone somewhere on

206
00:09:20,068 --> 00:09:24,448
the internet and alert pops up saying

207
00:09:22,049 --> 00:09:27,419
this page is being rebutted and then you

208
00:09:24,448 --> 00:09:28,859
can click through on just on our button

209
00:09:27,419 --> 00:09:31,259
and it takes you through back that I

210
00:09:28,860 --> 00:09:32,669
takes you through to a page which argues

211
00:09:31,259 --> 00:09:34,560
precisely against the page you're

212
00:09:32,669 --> 00:09:36,688
looking at so it delivers to you

213
00:09:34,559 --> 00:09:38,409
opposing perspectives and it makes it

214
00:09:36,688 --> 00:09:39,698

really easy to follow through

215

00:09:38,409 --> 00:09:42,490

that are happening between different

216

00:09:39,698 --> 00:09:45,729

websites know now that can be incredibly

217

00:09:42,490 --> 00:09:48,698

subjective how does a computer algorithm

218

00:09:45,730 --> 00:09:50,379

do that yeah yeah it doesn't it's

219

00:09:48,698 --> 00:09:52,689

actually being attempted people have

220

00:09:50,379 --> 00:09:54,550

tried to do it but natural language

221

00:09:52,690 --> 00:09:56,290

processing they call it isn't at that

222

00:09:54,549 --> 00:09:58,479

level yet so we can't write software

223

00:09:56,289 --> 00:10:01,360

that's good enough to identify context

224

00:09:58,480 --> 00:10:04,539

and intention so at this stage it'll

225

00:10:01,360 --> 00:10:06,459

crowd-sourced meaning we need a vibrant

226

00:10:04,539 --> 00:10:08,188

active community to help us out and now

227

00:10:06,458 --> 00:10:10,989

with that just necessarily be

228

00:10:08,188 --> 00:10:12,969

extraordinary claims or could someone do

229
00:10:10,990 --> 00:10:15,669
a rebuttal to a peer-reviewed scientific

230
00:10:12,970 --> 00:10:18,129
article yeah it can be done to literally

231
00:10:15,669 --> 00:10:20,469
anything ideally anything that makes a

232
00:10:18,129 --> 00:10:23,230
claim so peer-reviewed scientific

233
00:10:20,470 --> 00:10:25,959
articles could be rebutted fire our

234
00:10:23,230 --> 00:10:27,639
system and equally like pages that are

235
00:10:25,958 --> 00:10:30,369
selling products could be rebutted so it

236
00:10:27,639 --> 00:10:31,810
can be used on just any URL what are the

237
00:10:30,370 --> 00:10:33,759
arts and the humanities like you know

238
00:10:31,809 --> 00:10:35,919
you get a manor combo you and the

239
00:10:33,759 --> 00:10:39,159
rebuttal can be well he's not fine it

240
00:10:35,919 --> 00:10:40,628
could be done what we hope will happen

241
00:10:39,159 --> 00:10:43,059
is with a vibro community that would

242
00:10:40,629 --> 00:10:45,699
just vote that down so there's going to

243
00:10:43,059 --> 00:10:47,049
be processes involved where if someone

244
00:10:45,698 --> 00:10:48,458
adds a rebuttal and it gets a lot of

245
00:10:47,049 --> 00:10:49,599
negative votes then it'll just be

246
00:10:48,458 --> 00:10:53,559
removed from it they will be hidden

247
00:10:49,600 --> 00:10:55,420
basically so there will be again the

248
00:10:53,559 --> 00:10:59,289
whole thing will be crowd-sourced so

249
00:10:55,419 --> 00:11:02,578
that the community decides the eye can

250
00:10:59,289 --> 00:11:05,578
see alternative practitioners crying a

251
00:11:02,578 --> 00:11:09,039
conspiracy and you know the you know the

252
00:11:05,578 --> 00:11:11,859
skeptics end they are against me with

253
00:11:09,039 --> 00:11:14,649
this new robotic evil thing yeah and I'm

254
00:11:11,860 --> 00:11:16,870
sure they will but and so you're going

255
00:11:14,649 --> 00:11:18,399
to figure out what pocket you're in some

256
00:11:16,870 --> 00:11:20,019
people are in the pocket of big farmer

257

00:11:18,399 --> 00:11:21,129
you know so everyone's in the pocket of

258
00:11:20,019 --> 00:11:22,659
something so you can have to ask that

259
00:11:21,129 --> 00:11:26,679
again have to have one money when they

260
00:11:22,659 --> 00:11:28,659
ask you here yep III think I'll deny

261
00:11:26,679 --> 00:11:30,969
everything I'm sure I'll be accused of

262
00:11:28,659 --> 00:11:33,519
it but um yeah the tool set up to be

263
00:11:30,970 --> 00:11:36,100
completely neutral so it's as effective

264
00:11:33,519 --> 00:11:38,350
as that community is so if you know the

265
00:11:36,100 --> 00:11:39,850
cam bodies that are out there all that

266
00:11:38,350 --> 00:11:41,709
homeopaths and everything feel like

267
00:11:39,850 --> 00:11:43,120
they're being unfairly targeted then

268
00:11:41,708 --> 00:11:44,469
it's up to them to mobilize and

269
00:11:43,120 --> 00:11:46,089
participate and to add their own

270
00:11:44,470 --> 00:11:47,528
rebuttals and this is one of the things

271
00:11:46,089 --> 00:11:48,660

that a lot of skeptics are concerned

272

00:11:47,528 --> 00:11:50,899
about that

273

00:11:48,659 --> 00:11:54,059
her but it can be used just as he

274

00:11:50,899 --> 00:11:56,578
effectively arguably by homeopaths to

275

00:11:54,059 --> 00:11:59,068
rebut skeptical arguments but of course

276

00:11:56,578 --> 00:12:00,838
this is this is actually what I'm hoping

277

00:11:59,068 --> 00:12:02,399
for I want them to participate I want

278

00:12:00,839 --> 00:12:04,490
them to add their rebuttals because that

279

00:12:02,399 --> 00:12:06,028
creates a discussion well yeah and and

280

00:12:04,490 --> 00:12:07,740
eventually that's what we're all about

281

00:12:06,028 --> 00:12:09,269
here we want to have a discussion bring

282

00:12:07,740 --> 00:12:10,829
the evidence out and have a look at it

283

00:12:09,269 --> 00:12:12,870
in the light yeah and that's it and I

284

00:12:10,828 --> 00:12:14,519
have absolute faith that if the

285

00:12:12,870 --> 00:12:15,959
homeopaths present their best arguments

286
00:12:14,519 --> 00:12:18,060
and the skeptics present their best

287
00:12:15,958 --> 00:12:20,099
arguments the end of the day skeptics

288
00:12:18,059 --> 00:12:21,599
going to come out tops but we need them

289
00:12:20,100 --> 00:12:23,278
to interact because at the moment the

290
00:12:21,600 --> 00:12:26,189
only people that read our arguments are

291
00:12:23,278 --> 00:12:27,870
us I want them interacting I want them

292
00:12:26,188 --> 00:12:30,059
participating and what's a good way to

293
00:12:27,870 --> 00:12:31,500
get the the every person to have this

294
00:12:30,059 --> 00:12:33,179
plug-in on their browser I guess maybe

295
00:12:31,500 --> 00:12:34,708
down the track you're looking at like an

296
00:12:33,179 --> 00:12:35,909
easy to install app on the phone or

297
00:12:34,708 --> 00:12:37,948
something like that that would make it

298
00:12:35,909 --> 00:12:40,019
easier for the regular person who's not

299
00:12:37,948 --> 00:12:42,120
going to participate but want to read

300
00:12:40,019 --> 00:12:45,149
both sides to have a look yeah yeah so

301
00:12:42,120 --> 00:12:46,289
that's exactly our ultimate goal so the

302
00:12:45,149 --> 00:12:48,089
stage right now is building the

303
00:12:46,289 --> 00:12:49,620
community that makes the network makes

304
00:12:48,089 --> 00:12:52,170
what the links ads all the rebuttals we

305
00:12:49,620 --> 00:12:54,209
need to have that core of activity so

306
00:12:52,169 --> 00:12:55,948
that the average person has something to

307
00:12:54,208 --> 00:12:57,719
react to they need some content there to

308
00:12:55,948 --> 00:13:00,269
work with so we're starting at stage one

309
00:12:57,720 --> 00:13:02,370
once we've got that then year we've got

310
00:13:00,269 --> 00:13:04,049
quite a few plans in place to reach out

311
00:13:02,370 --> 00:13:05,669
to the average person and the great

312
00:13:04,049 --> 00:13:06,990
thing about you know we lump everyone is

313
00:13:05,669 --> 00:13:09,990
this average person sort of thing but

314

00:13:06,990 --> 00:13:12,659
everyone has an interest or am obsession

315
00:13:09,990 --> 00:13:17,250
with some subject or another no I can't

316
00:13:12,659 --> 00:13:20,818
get enough erich von daniken yeah but

317
00:13:17,250 --> 00:13:22,589
like thanks I saw a blood thrown your

318
00:13:20,818 --> 00:13:24,240
your rather large eight brain off

319
00:13:22,589 --> 00:13:27,660
thereby by bringing down I don't know

320
00:13:24,240 --> 00:13:29,490
who he is that's all right ok I you mean

321
00:13:27,659 --> 00:13:32,969
you are behaving as if Chariots of the

322
00:13:29,490 --> 00:13:34,620
Gods was never written sir I'm sorry get

323
00:13:32,970 --> 00:13:37,379
the error whichever God's I've offended

324
00:13:34,620 --> 00:13:38,549
and then that's okay and so yes so

325
00:13:37,379 --> 00:13:40,139
everyone's got their own thing

326
00:13:38,549 --> 00:13:41,789
everyone's got their own bugbear

327
00:13:40,139 --> 00:13:43,558
everyone's got their own whoo that gets

328
00:13:41,789 --> 00:13:45,389

their goat yeah and it doesn't have to

329

00:13:43,558 --> 00:13:47,818

be rude like a lot of people interested

330

00:13:45,389 --> 00:13:49,889

in politics and Roberta can be used for

331

00:13:47,818 --> 00:13:52,948

politics so someone who's you know a

332

00:13:49,889 --> 00:13:56,610

staunch Democrat or Republican or

333

00:13:52,948 --> 00:13:58,349

liberal or labor whatever it is they may

334

00:13:56,610 --> 00:13:59,970

go in to participate in that debate they

335

00:13:58,350 --> 00:14:01,710

may install it so that they can have

336

00:13:59,970 --> 00:14:04,050

their arguments presented

337

00:14:01,710 --> 00:14:05,190

to the other side of that debate and now

338

00:14:04,049 --> 00:14:08,849

they've got it installed they'll be

339

00:14:05,190 --> 00:14:10,440

presented with skeptic arguments and how

340

00:14:08,850 --> 00:14:13,170

does it look on your screen like so I go

341

00:14:10,440 --> 00:14:15,390

to to any page where hallelou rebuttals

342

00:14:13,169 --> 00:14:17,309

be made known to me we actually have an

343
00:14:15,389 --> 00:14:19,110
on-screen pop up so once you've

344
00:14:17,309 --> 00:14:21,179
installed it it just appears as a tiny

345
00:14:19,110 --> 00:14:23,159
little square in your browser you don't

346
00:14:21,179 --> 00:14:25,620
even notice it's there whenever you hit

347
00:14:23,159 --> 00:14:26,699
a page which has been rebutted a square

348
00:14:25,620 --> 00:14:28,679
pops up in the top right-hand corner

349
00:14:26,700 --> 00:14:31,259
it's quite out of the way but hopefully

350
00:14:28,679 --> 00:14:32,459
large enough that you notice it and it

351
00:14:31,259 --> 00:14:34,710
sits there for five seconds saying this

352
00:14:32,460 --> 00:14:36,269
has been reverted and then disappears so

353
00:14:34,710 --> 00:14:37,680
how do you go designing a graphic

354
00:14:36,269 --> 00:14:39,480
interface like that because like you

355
00:14:37,679 --> 00:14:41,519
said you want something that will get

356
00:14:39,480 --> 00:14:42,779
people's attention but you don't want

357
00:14:41,519 --> 00:14:44,519
something that's going to annoy them as

358
00:14:42,779 --> 00:14:49,259
they surf the net and eventually you

359
00:14:44,519 --> 00:14:50,730
know unplug it yeah systematically it's

360
00:14:49,259 --> 00:14:53,309
a lot of testing and experimenting and

361
00:14:50,730 --> 00:14:55,590
seeing how people react at this point in

362
00:14:53,309 --> 00:14:57,119
time we've got one developer and he's

363
00:14:55,590 --> 00:14:59,910
working he's got his own job as well

364
00:14:57,120 --> 00:15:03,000
he's working as hard as he can e amazing

365
00:14:59,909 --> 00:15:06,149
guy and he's not sleeping a lot and he's

366
00:15:03,000 --> 00:15:08,750
drinking a lot of stimulants yeah if I

367
00:15:06,149 --> 00:15:12,509
go into that it is South America

368
00:15:08,750 --> 00:15:15,929
actually he's in Sydney but yeah it's

369
00:15:12,509 --> 00:15:18,120
South America yeah well I'm working

370
00:15:15,929 --> 00:15:19,289
really hard on the whole thing and did

371

00:15:18,120 --> 00:15:21,060
you originally come from this from as

372
00:15:19,289 --> 00:15:22,889
skeptical perspective or you came from

373
00:15:21,059 --> 00:15:24,119
it from a political perspective or you

374
00:15:22,889 --> 00:15:26,159
just thought you know we just need to

375
00:15:24,120 --> 00:15:28,440
get let people see a few more angles to

376
00:15:26,159 --> 00:15:30,509
any situation yeah mostly the last one

377
00:15:28,440 --> 00:15:33,140
quite honestly I came from from a very

378
00:15:30,509 --> 00:15:36,049
personal perspective I was frustrated I

379
00:15:33,139 --> 00:15:38,429
read an article which happened to be on

380
00:15:36,049 --> 00:15:41,729
anti-vaccination saying vaccines cause

381
00:15:38,429 --> 00:15:44,009
illness and I read the study that it was

382
00:15:41,730 --> 00:15:45,539
based on and it study was complete

383
00:15:44,009 --> 00:15:47,039
rubbish and I have a background in

384
00:15:45,539 --> 00:15:49,019
molecular biology so I understand how

385
00:15:47,039 --> 00:15:50,490

science works and I could just see right

386

00:15:49,019 --> 00:15:52,889

through it but the problem was is that a

387

00:15:50,490 --> 00:15:54,629

friend on Facebook shared this article

388

00:15:52,889 --> 00:15:57,509

which means it's someone that I'm

389

00:15:54,629 --> 00:15:58,740

friends with thinks that this is a great

390

00:15:57,509 --> 00:16:00,809

idea and this is a great article and I

391

00:15:58,740 --> 00:16:03,240

really wanted to show them the problems

392

00:16:00,809 --> 00:16:05,939

with it and there's just no way on the

393

00:16:03,240 --> 00:16:07,440

internet to go I I want to see a

394

00:16:05,940 --> 00:16:09,570

well-structured argument against what

395

00:16:07,440 --> 00:16:10,890

I'm looking at Google doesn't provide

396

00:16:09,570 --> 00:16:13,379

anything like a Google is great for

397

00:16:10,889 --> 00:16:15,429

finding broad subject matters material

398

00:16:13,379 --> 00:16:17,289

but when it comes to a specific

399

00:16:15,429 --> 00:16:19,899

wants to a specific thing it's really

400
00:16:17,289 --> 00:16:21,309
inefficient out of that so I'm trying to

401
00:16:19,899 --> 00:16:23,169
address a problem which frustrated me

402
00:16:21,309 --> 00:16:24,549
literally for a year it took me a year

403
00:16:23,169 --> 00:16:25,750
to get to the point of actually doing

404
00:16:24,549 --> 00:16:27,069
anything about it because I was trying

405
00:16:25,750 --> 00:16:30,730
to find someone else that had already

406
00:16:27,070 --> 00:16:32,830
done it mm so I'm look and look how can

407
00:16:30,730 --> 00:16:34,180
we find this and give you feedback on

408
00:16:32,830 --> 00:16:36,520
you know what we think of you plug in

409
00:16:34,179 --> 00:16:41,259
yeah so it said Roberto calm which is

410
00:16:36,519 --> 00:16:44,799
our b ut our calm just five letters

411
00:16:41,259 --> 00:16:46,389
hopefully easy to remember and doors do

412
00:16:44,799 --> 00:16:49,149
searching google for rebuttable work as

413
00:16:46,389 --> 00:16:51,220
well and then you can install it within

414
00:16:49,149 --> 00:16:52,539
a minute very easy to install and then

415
00:16:51,220 --> 00:16:54,610
there are feedback systems in the

416
00:16:52,539 --> 00:16:56,189
program and there's a contact page of

417
00:16:54,610 --> 00:17:00,399
course as well so you can email me and

418
00:16:56,190 --> 00:17:04,390
yeah we're how are things for science

419
00:17:00,399 --> 00:17:07,119
and reason in chile how hopefully not

420
00:17:04,390 --> 00:17:09,600
offending anyone there still they have

421
00:17:07,119 --> 00:17:12,519
this very strong Catholic background and

422
00:17:09,599 --> 00:17:14,469
you know is it perhaps like Spain where

423
00:17:12,519 --> 00:17:16,929
Spain very strong Catholic background

424
00:17:14,470 --> 00:17:18,308
but people use it as more of a way of

425
00:17:16,929 --> 00:17:20,350
getting together in a societal thing

426
00:17:18,308 --> 00:17:23,078
rather than a belief in a creator that

427
00:17:20,349 --> 00:17:24,369
they think about constantly it's

428

00:17:23,078 --> 00:17:25,808
probably too soon for me to say I've

429
00:17:24,369 --> 00:17:28,088
only been there for a few months and I

430
00:17:25,808 --> 00:17:29,558
can't speak Spanish it but there's still

431
00:17:28,088 --> 00:17:31,960
a strong Catholic presence in their

432
00:17:29,558 --> 00:17:35,200
politics still having abortion debates

433
00:17:31,960 --> 00:17:36,370
all the time and and the gay rights have

434
00:17:35,200 --> 00:17:37,900
actually started coming up there as well

435
00:17:36,369 --> 00:17:39,250
as everywhere else but the main thing

436
00:17:37,900 --> 00:17:40,840
that I noticed is walking around the

437
00:17:39,250 --> 00:17:43,690
streets the number of natural health

438
00:17:40,839 --> 00:17:45,909
practitioners tarot card readers on the

439
00:17:43,690 --> 00:17:47,799
streets actually like busking tarot card

440
00:17:45,910 --> 00:17:49,630
readers on the sidewalk when you look

441
00:17:47,799 --> 00:17:51,669
after them is this partially due to the

442
00:17:49,630 --> 00:17:53,800

effects of a dual economy as they would

443

00:17:51,670 --> 00:17:56,259
definitely have yeah yeah almost

444

00:17:53,799 --> 00:17:58,389
certainly but it's still it's shocking

445

00:17:56,259 --> 00:17:59,500
coming from Australia and landing in a

446

00:17:58,390 --> 00:18:01,090
country where people sitting on the

447

00:17:59,500 --> 00:18:03,640
sidewalk getting tarot cards read it's

448

00:18:01,089 --> 00:18:07,149
like you sort of want to scream at them

449

00:18:03,640 --> 00:18:09,580
okay what are you doing but it's quite

450

00:18:07,150 --> 00:18:10,929
common there okay and how long can you

451

00:18:09,579 --> 00:18:12,250
see yourself staying that I mean is it

452

00:18:10,929 --> 00:18:16,090
the kind of country you will fall in

453

00:18:12,250 --> 00:18:18,039
love with you think I don't know every

454

00:18:16,089 --> 00:18:19,119
country has got their good things and

455

00:18:18,039 --> 00:18:21,099
they're bad things it's definitely got a

456

00:18:19,119 --> 00:18:22,779
lot of geographic beauty where we're

457
00:18:21,099 --> 00:18:25,659
living as I mentioned is at the foot of

458
00:18:22,779 --> 00:18:27,339
a volcano on the 20 minute drive to ski

459
00:18:25,660 --> 00:18:28,120
field where you have your secret roboto

460
00:18:27,339 --> 00:18:31,029
base

461
00:18:28,119 --> 00:18:32,619
it's under construction right so leave

462
00:18:31,029 --> 00:18:36,099
those you've got the first couple of

463
00:18:32,619 --> 00:18:37,089
steps done here actually I inspected the

464
00:18:36,099 --> 00:18:40,240
side I walked at the top of the volcano

465
00:18:37,089 --> 00:18:43,599
and looked down the hole but yeah that

466
00:18:40,240 --> 00:18:45,519
is so cool so as yet Tia graphically

467
00:18:43,599 --> 00:18:47,529
it's an amazing country now this is the

468
00:18:45,519 --> 00:18:49,240
kind of this almost like grassroots

469
00:18:47,529 --> 00:18:51,069
activism because you saw something that

470
00:18:49,240 --> 00:18:54,279
needs to be done and you went ahead and

471
00:18:51,069 --> 00:18:55,450
designed it what made that leap you said

472
00:18:54,279 --> 00:18:56,950
you saw that article that really pissed

473
00:18:55,450 --> 00:18:59,230
you off that you really want to see

474
00:18:56,950 --> 00:19:00,970
something um most people got yet and

475
00:18:59,230 --> 00:19:02,470
then they go back to watching a current

476
00:19:00,970 --> 00:19:04,660
affair or something like that or you

477
00:19:02,470 --> 00:19:06,490
know it Australia's biggest loser which

478
00:19:04,660 --> 00:19:08,470
is usually me so I don't why people are

479
00:19:06,490 --> 00:19:09,910
watching that but to what what is that

480
00:19:08,470 --> 00:19:11,860
what is the thing that drives you to

481
00:19:09,910 --> 00:19:13,330
actually get up off your bahini and go

482
00:19:11,859 --> 00:19:15,039
and do something then I get passionate

483
00:19:13,329 --> 00:19:17,439
about something for a period of time and

484
00:19:15,039 --> 00:19:21,129
I work my butt off on it because I it

485

00:19:17,440 --> 00:19:22,539
feels worthwhile to me I am if anything

486
00:19:21,130 --> 00:19:23,980
i struggle with just sort of sitting

487
00:19:22,539 --> 00:19:25,509
down and doing monotonous boring things

488
00:19:23,980 --> 00:19:27,400
repetitively what I'm great at is going

489
00:19:25,509 --> 00:19:31,390
that needs doing and getting on with it

490
00:19:27,400 --> 00:19:32,980
and in this particular case like I said

491
00:19:31,390 --> 00:19:34,180
spent a year trying to find some ones

492
00:19:32,980 --> 00:19:35,559
that did it done it for me you already

493
00:19:34,180 --> 00:19:38,620
because I was busy enough working on

494
00:19:35,559 --> 00:19:40,659
other projects I had and then the you're

495
00:19:38,619 --> 00:19:42,699
suggesting that we we harness oh right

496
00:19:40,660 --> 00:19:45,040
just ignatian while it's at its height

497
00:19:42,700 --> 00:19:47,890
and rider yeah and then because what

498
00:19:45,039 --> 00:19:49,539
happened is I actually kept coming back

499
00:19:47,890 --> 00:19:51,700

to me the idea kept coming back for that

500

00:19:49,539 --> 00:19:52,750

year and then one day I was sitting

501

00:19:51,700 --> 00:19:54,549

there I was meant to be working on

502

00:19:52,750 --> 00:19:58,349

another project with another business

503

00:19:54,549 --> 00:20:00,490

that I have and I spent a weekend like

504

00:19:58,349 --> 00:20:02,049

obsessing over the idea I couldn't get

505

00:20:00,490 --> 00:20:04,420

on my head no it I know what to do I'll

506

00:20:02,049 --> 00:20:06,549

write a blog post about it and I threw

507

00:20:04,420 --> 00:20:08,350

the idea out there I wrote everything I

508

00:20:06,549 --> 00:20:09,549

had planned what I wanted to do how I

509

00:20:08,349 --> 00:20:10,839

wanted it to work where I thought it

510

00:20:09,549 --> 00:20:12,039

would go and all the reasons I thought

511

00:20:10,839 --> 00:20:13,869

it would fail because there's a lot of

512

00:20:12,039 --> 00:20:15,730

difficulties with it it sounds quite

513

00:20:13,869 --> 00:20:18,039

straight forward by the implementation

514
00:20:15,730 --> 00:20:20,349
there's a lot of them a lot of troubles

515
00:20:18,039 --> 00:20:23,349
and so I wrote it and I said he someone

516
00:20:20,349 --> 00:20:26,589
go do this I'm too busy and that's when

517
00:20:23,349 --> 00:20:27,849
I had yeah friend contact me that's a

518
00:20:26,589 --> 00:20:29,159
program we said you know it sounds like

519
00:20:27,849 --> 00:20:32,079
a great idea i'm going to build it and

520
00:20:29,160 --> 00:20:33,550
so we just partnered up and he made it

521
00:20:32,079 --> 00:20:35,109
really quite quickly like a prototype

522
00:20:33,549 --> 00:20:37,720
something that basically worked and

523
00:20:35,109 --> 00:20:40,149
they're just the feedback we got from

524
00:20:37,720 --> 00:20:42,819
that first stage was just overwhelming

525
00:20:40,150 --> 00:20:44,950
I could see use for this in augmented

526
00:20:42,819 --> 00:20:46,779
reality for example i'm rather proudly

527
00:20:44,950 --> 00:20:48,610
wearing a spice girls t-shirt if you had

528
00:20:46,779 --> 00:20:50,470
some augmented reality glasses you could

529
00:20:48,609 --> 00:20:52,509
do that a real time rebuttal with the

530
00:20:50,470 --> 00:20:54,910
glasses couldn't you going that's not

531
00:20:52,509 --> 00:20:57,099
needed in life yeah maybe in the future

532
00:20:54,910 --> 00:20:58,630
is it's you never know how technology is

533
00:20:57,099 --> 00:20:59,740
going to be used and that's that's one

534
00:20:58,630 --> 00:21:02,530
of the cool things that's you know

535
00:20:59,740 --> 00:21:04,690
dawned on me over time is you know we've

536
00:21:02,529 --> 00:21:06,039
built the whole idea start off is this

537
00:21:04,690 --> 00:21:08,400
browser plugin but that's not what we're

538
00:21:06,039 --> 00:21:10,930
building we are building a database of

539
00:21:08,400 --> 00:21:13,030
connections between you know

540
00:21:10,930 --> 00:21:14,860
relationship relational diagram between

541
00:21:13,029 --> 00:21:16,509
rebuttals on the internet and how that's

542

00:21:14,859 --> 00:21:19,119
going to be used even we don't know

543
00:21:16,509 --> 00:21:21,069
someone else will see this resource and

544
00:21:19,119 --> 00:21:23,709
go you know I can do with it I can make

545
00:21:21,069 --> 00:21:25,839
yeah it's vigilant usually showing the

546
00:21:23,710 --> 00:21:27,039
genies out of the bottle now yeah but

547
00:21:25,839 --> 00:21:28,240
it's the thing we've still got to build

548
00:21:27,039 --> 00:21:30,579
it we still got to build that database

549
00:21:28,240 --> 00:21:32,740
and that's all working on now and with a

550
00:21:30,579 --> 00:21:35,589
bit of help will get there and then yeah

551
00:21:32,740 --> 00:21:37,720
over time is up Eon opportunity to be

552
00:21:35,589 --> 00:21:39,519
had for all sorts of people so get to

553
00:21:37,720 --> 00:21:44,380
that website and make your voice down

554
00:21:39,519 --> 00:21:48,450
yeah I'm ramata Roboto com RB you TR and

555
00:21:44,380 --> 00:21:48,450
yeah it look forward to seeing you there

556
00:21:49,410 --> 00:21:53,519

when we're here in the in the bar which

557

00:21:51,839 --> 00:21:54,839

has become the skeptics power up someone

558

00:21:53,519 --> 00:21:57,210

just came up to me who's a-lister to the

559

00:21:54,839 --> 00:21:59,399

show where were you from Alexandria

560

00:21:57,210 --> 00:22:03,090

Virginia Wow and how did you discover

561

00:21:59,400 --> 00:22:04,740

the skeptic zone I probably through the

562

00:22:03,089 --> 00:22:06,689

skeptics guide to the universe I'm

563

00:22:04,740 --> 00:22:08,579

guessing for Richard Saunders Richard

564

00:22:06,690 --> 00:22:10,890

Saunders being a guest road I know I got

565

00:22:08,579 --> 00:22:12,449

into skeptics on like a year or so ago

566

00:22:10,890 --> 00:22:15,509

and I just went back to the beginning

567

00:22:12,450 --> 00:22:17,519

and listen to all of them from now quite

568

00:22:15,509 --> 00:22:19,559

a podcast listener and but what bore

569

00:22:17,519 --> 00:22:22,589

even to skepticism as well why why did

570

00:22:19,559 --> 00:22:24,960

you turn up at a place like town I I got

571
00:22:22,589 --> 00:22:28,079
first started in skepticism I was

572
00:22:24,960 --> 00:22:30,509
reading psychology books in elementary

573
00:22:28,079 --> 00:22:32,419
school and middle school and I went up

574
00:22:30,509 --> 00:22:36,390
reading Elizabeth Loftus his book on

575
00:22:32,420 --> 00:22:38,700
repressed memories oh yes and from that

576
00:22:36,390 --> 00:22:41,250
I got interested and I wound up taking a

577
00:22:38,700 --> 00:22:44,190
course called science and pseudoscience

578
00:22:41,250 --> 00:22:47,579
in college which turned out to be taught

579
00:22:44,190 --> 00:22:51,630
by chip Denman who is on the board of

580
00:22:47,579 --> 00:22:53,939
directors for the jrf and I threw that I

581
00:22:51,630 --> 00:22:57,180
got involved with skepticism I'm wound

582
00:22:53,940 --> 00:23:00,330
up coming out here and seeing him and

583
00:22:57,180 --> 00:23:01,500
his group put on the Tim I've been

584
00:23:00,329 --> 00:23:03,839
asking everybody what their favorite

585
00:23:01,500 --> 00:23:09,450
paranormal is or the one they love two

586
00:23:03,839 --> 00:23:12,569
hate the most what's yours I guess it

587
00:23:09,450 --> 00:23:15,509
would have to be it'd probably be like

588
00:23:12,569 --> 00:23:17,939
anything to do with medical stuff

589
00:23:15,509 --> 00:23:21,240
because I work in a hospital and when I

590
00:23:17,940 --> 00:23:23,970
see stuff going around right here stuff

591
00:23:21,240 --> 00:23:25,410
from my co-workers I this leads me to my

592
00:23:23,970 --> 00:23:26,549
next question which is always a good one

593
00:23:25,410 --> 00:23:28,620
for skeptics when you're in the

594
00:23:26,549 --> 00:23:31,470
workplace and you can't tell anybody

595
00:23:28,619 --> 00:23:33,119
that hard my french that they're in the

596
00:23:31,470 --> 00:23:36,190
head how do you actually do that

597
00:23:33,119 --> 00:23:38,979
politely in the USA

598
00:23:36,190 --> 00:23:41,259
oh yeah I've had a lot of those

599

00:23:38,980 --> 00:23:44,558
conversations and trying to think what

600
00:23:41,259 --> 00:23:47,500
if I'd done I'm sometimes I'll talk

601
00:23:44,558 --> 00:23:49,599
about some I'll tell them that I'm going

602
00:23:47,500 --> 00:23:51,339
to look something up and I'll tell them

603
00:23:49,599 --> 00:23:53,168
that I found something online and show

604
00:23:51,339 --> 00:23:54,788
it to them how does that usually work

605
00:23:53,169 --> 00:23:57,879
out of a bit stubborn or what are they

606
00:23:54,788 --> 00:24:00,398
happy to take criticism um it depends on

607
00:23:57,878 --> 00:24:03,908
the issue some stuff they'll be really

608
00:24:00,398 --> 00:24:06,308
really stuck on like if it's like I had

609
00:24:03,909 --> 00:24:09,309
one co-worker tell me about we were

610
00:24:06,308 --> 00:24:11,888
talking about diets and sort of health

611
00:24:09,308 --> 00:24:13,418
stuff about losing weight and she said I

612
00:24:11,888 --> 00:24:16,479
don't care if it's dangerous as long as

613
00:24:13,419 --> 00:24:17,799

I look good hmm and I was like I guess

614

00:24:16,480 --> 00:24:19,870

it was it will this submission some

615

00:24:17,798 --> 00:24:21,308

amphetamines over here you cannot eat

616

00:24:19,869 --> 00:24:24,428

and take them for a week you look really

617

00:24:21,308 --> 00:24:25,990

thin I can't argue with that so I just

618

00:24:24,429 --> 00:24:29,850

I'm like okay that's a conversation I

619

00:24:25,990 --> 00:24:31,710

can leave but in another kind of

620

00:24:29,849 --> 00:24:34,898

conversation like if they start

621

00:24:31,710 --> 00:24:36,700

spreading some sort of urban legend or

622

00:24:34,898 --> 00:24:38,979

something I can look that up and show

623

00:24:36,700 --> 00:24:40,808

them that that's not bad or they started

624

00:24:38,980 --> 00:24:43,000

talking about saugus disease because

625

00:24:40,808 --> 00:24:46,859

that became somebody put out an article

626

00:24:43,000 --> 00:24:50,528

saying Jacques diseases the new aids and

627

00:24:46,859 --> 00:24:52,599

yep and I was able to tell him like no

628
00:24:50,528 --> 00:24:55,179
it's if we don't have the insects that

629
00:24:52,599 --> 00:24:56,378
spread it in our part of the u.s. you're

630
00:24:55,179 --> 00:24:58,659
probably not going to get it it's not

631
00:24:56,378 --> 00:25:01,538
aids and I showed him some of the

632
00:24:58,659 --> 00:25:04,179
articles about it and they weren't

633
00:25:01,538 --> 00:25:06,398
freaked out about that anymore so so how

634
00:25:04,179 --> 00:25:07,720
do you go watching us television because

635
00:25:06,398 --> 00:25:10,028
some it's been a few days since I've

636
00:25:07,720 --> 00:25:12,759
been here the television is full of ads

637
00:25:10,028 --> 00:25:13,659
for drugs which from pharmaceutical

638
00:25:12,759 --> 00:25:15,798
companies which we don't have in

639
00:25:13,659 --> 00:25:18,299
Australia they don't allow that yeah

640
00:25:15,798 --> 00:25:20,460
and so it everyone must get very

641
00:25:18,298 --> 00:25:22,918
paranoid this antidepressant says you're

642
00:25:20,460 --> 00:25:24,058
too fat you're too skinny all these ads

643
00:25:22,919 --> 00:25:26,070
so you must be shaking your fist

644
00:25:24,058 --> 00:25:29,819
throwing stuff in the Lambs room at the

645
00:25:26,069 --> 00:25:32,489
telly and I we went we have a TiVo so we

646
00:25:29,819 --> 00:25:34,979
don't really watch commercials but my

647
00:25:32,489 --> 00:25:36,450
boyfriend does get frustrated with me

648
00:25:34,979 --> 00:25:38,788
because I'll start yelling at the TV if

649
00:25:36,450 --> 00:25:40,739
we do get stuck watching something that

650
00:25:38,788 --> 00:25:43,319
is starts talking about stuff like that

651
00:25:40,739 --> 00:25:45,619
where I'll just be like like that's not

652
00:25:43,319 --> 00:25:47,939
make sounds like that's really wrong and

653
00:25:45,618 --> 00:25:49,528
have you got any guilty pleasures is

654
00:25:47,940 --> 00:25:51,450
there a show you like to watch this kind

655
00:25:49,528 --> 00:25:53,128
of amusing because it's so wrong than

656

00:25:51,450 --> 00:25:54,808
like your watch dr. oz every once in a

657
00:25:53,128 --> 00:25:57,689
while or would you tune into an episode

658
00:25:54,808 --> 00:26:01,378
of ancient aliens one of my favorites my

659
00:25:57,690 --> 00:26:04,379
my guilty pleasure would be not in the

660
00:26:01,378 --> 00:26:08,308
sort of war room but uh america's next

661
00:26:04,378 --> 00:26:10,498
top model which i'm also i mean it does

662
00:26:08,308 --> 00:26:16,009
have its moments like they sent them to

663
00:26:10,499 --> 00:26:17,819
a have their horoscopes done in in I

664
00:26:16,009 --> 00:26:19,288
can't remember oh they went this year

665
00:26:17,819 --> 00:26:20,668
but whatever country they went to they

666
00:26:19,288 --> 00:26:22,950
had them do horoscopes and talk about

667
00:26:20,669 --> 00:26:26,309
how they were so right on and they had

668
00:26:22,950 --> 00:26:28,440
to dress to fit their horoscope and also

669
00:26:26,308 --> 00:26:30,269
it's almost the anti skeptical

670
00:26:28,440 --> 00:26:32,849

intellectual way because it's a person

671

00:26:30,269 --> 00:26:35,669

who is physically the most superficial

672

00:26:32,848 --> 00:26:36,838

that's going to do better even though

673

00:26:35,669 --> 00:26:39,059

they have to have a professional outlook

674

00:26:36,838 --> 00:26:41,338

it's all about superficiality and being

675

00:26:39,058 --> 00:26:43,288

able to pretend you're superficial yeah

676

00:26:41,338 --> 00:26:45,088

it's totally shallow and you'll see

677

00:26:43,288 --> 00:26:47,158

people talking about that they left

678

00:26:45,088 --> 00:26:49,168

college or med school to take a break

679

00:26:47,159 --> 00:26:50,639

and do this and you're like that was

680

00:26:49,169 --> 00:26:53,729

terrible and then there you know

681

00:26:50,638 --> 00:26:57,329

fighting over some stupid thing and you

682

00:26:53,729 --> 00:27:01,649

know it's my is my one thing I was ten

683

00:26:57,329 --> 00:27:04,528

this year been for you 2012 I enjoyed a

684

00:27:01,648 --> 00:27:06,418

lot of the panels um I've did you see

685
00:27:04,528 --> 00:27:08,429
dr. rate she doing her stuff you see

686
00:27:06,419 --> 00:27:10,830
Richard Saunders putting it out there

687
00:27:08,429 --> 00:27:13,259
like the man is I did I saw both of them

688
00:27:10,829 --> 00:27:15,838
and i went to see dr. H II in her

689
00:27:13,259 --> 00:27:16,440
workshop the first day too I saw her

690
00:27:15,838 --> 00:27:19,379
last year

691
00:27:16,440 --> 00:27:21,840
you and and I saw them at Saipan last

692
00:27:19,380 --> 00:27:23,790
year so I run into them a fair amount

693
00:27:21,839 --> 00:27:25,259
and huh any chance you're coming down

694
00:27:23,789 --> 00:27:27,149
Australian seeing how we do it in the

695
00:27:25,259 --> 00:27:29,160
real world down there oh we would love

696
00:27:27,150 --> 00:27:31,620
to once we can get up the money to do it

697
00:27:29,160 --> 00:27:35,700
yeah it's a long and often expensive

698
00:27:31,619 --> 00:27:37,709
trip and definitely in the on the wish

699
00:27:35,700 --> 00:27:39,000
list of places to go I'd love to go

700
00:27:37,710 --> 00:27:40,110
there and how did you know it was me by

701
00:27:39,000 --> 00:27:41,730
the way because you don't even listen to

702
00:27:40,109 --> 00:27:45,029
the skeptics own podcast how did you

703
00:27:41,730 --> 00:27:47,160
recognize me hi you I've seen you

704
00:27:45,029 --> 00:27:50,700
sitting at the table and you do have a

705
00:27:47,160 --> 00:27:55,460
name tag around her neck of course now

706
00:27:50,700 --> 00:27:57,900
silly excuse my cognitive dissidence I

707
00:27:55,460 --> 00:28:00,210
was also going to say this that just

708
00:27:57,900 --> 00:28:02,310
reminded me with the M advertising with

709
00:28:00,210 --> 00:28:04,140
drug companies is it's actually gotten a

710
00:28:02,309 --> 00:28:06,059
lot better in the US oh really in the

711
00:28:04,140 --> 00:28:08,790
past the drug companies could give out a

712
00:28:06,059 --> 00:28:11,909
lot of freebies to doctors and pretty

713

00:28:08,789 --> 00:28:13,710
much all your pens would be from drug

714
00:28:11,910 --> 00:28:17,519
companies and my mom's an internist and

715
00:28:13,710 --> 00:28:19,410
she had all sorts of free ends and she

716
00:28:17,519 --> 00:28:21,869
wound up at one point getting a bunch of

717
00:28:19,410 --> 00:28:23,790
free stuff from viagra I actually bought

718
00:28:21,869 --> 00:28:25,829
a viagra pen with me and had a sort of a

719
00:28:23,789 --> 00:28:28,980
leopard print on it was fantastic well

720
00:28:25,829 --> 00:28:30,960
she got a wall clock yes is it rid of

721
00:28:28,980 --> 00:28:32,640
what I'm not I'm not sure she gave it to

722
00:28:30,960 --> 00:28:34,170
her brother as a joke because not

723
00:28:32,640 --> 00:28:36,240
because I put it up in the office at

724
00:28:34,170 --> 00:28:37,830
work it's my clock at work well this is

725
00:28:36,240 --> 00:28:40,980
my favorite part though is what viagra

726
00:28:37,829 --> 00:28:43,079
gave her a planter with like a little

727
00:28:40,980 --> 00:28:44,240

plant inside to that you were supposed

728

00:28:43,079 --> 00:28:47,539

to grow yeah

729

00:28:44,240 --> 00:28:48,829

the plant diet well someone hasn't done

730

00:28:47,539 --> 00:28:51,409

their double-blind test on that have

731

00:28:48,829 --> 00:28:53,919

that now so we were a little worried

732

00:28:51,410 --> 00:28:55,940

about a viagra after the planter died

733

00:28:53,920 --> 00:28:58,370

thank you very much having a chat to us

734

00:28:55,940 --> 00:29:02,779

enjoy what little is left of Tam Tony 12

735

00:28:58,369 --> 00:29:04,189

thank you so much nice meeting you well

736

00:29:02,779 --> 00:29:07,609

just walking along here and then

737

00:29:04,190 --> 00:29:09,558

suddenly surly remix we run spots for

738

00:29:07,609 --> 00:29:12,229

this on the skeptic zone who we got here

739

00:29:09,558 --> 00:29:14,029

hi I'm Amy Davis Roth a lot of people

740

00:29:12,230 --> 00:29:16,130

know me as surly Amy I'm one of the

741

00:29:14,029 --> 00:29:18,440

writers for skeptic I'm also managing

742
00:29:16,130 --> 00:29:20,150
editor for a blog called mad art lab

743
00:29:18,440 --> 00:29:22,880
which is about the intersection between

744
00:29:20,150 --> 00:29:24,890
art science and skepticism know what

745
00:29:22,880 --> 00:29:26,270
would you describe that in one sentence

746
00:29:24,890 --> 00:29:28,940
there but what would that in Section B

747
00:29:26,269 --> 00:29:30,379
well it's all about communication and

748
00:29:28,940 --> 00:29:33,019
it's about being part of a larger

749
00:29:30,380 --> 00:29:35,390
community so we do we see like a lot of

750
00:29:33,019 --> 00:29:38,210
work where artists are trying to explain

751
00:29:35,390 --> 00:29:40,040
the basic scientific processes for

752
00:29:38,210 --> 00:29:41,929
example someone will do a comic that

753
00:29:40,039 --> 00:29:43,639
will explain the Higgs boson and the

754
00:29:41,929 --> 00:29:46,640
search for the Higgs so you can take a

755
00:29:43,640 --> 00:29:48,380
very complex you know scientific idea

756
00:29:46,640 --> 00:29:50,420
and simplify it into art and that way

757
00:29:48,380 --> 00:29:52,670
lay people can understand it better and

758
00:29:50,420 --> 00:29:54,710
what's most difficult jewelry to

759
00:29:52,670 --> 00:29:56,960
represent what's the most I mean let's

760
00:29:54,710 --> 00:29:59,360
see ya entropy that's a pretty hard one

761
00:29:56,960 --> 00:30:00,890
to get across in jewelry a quantum

762
00:29:59,359 --> 00:30:02,689
entanglement that's pretty difficult to

763
00:30:00,890 --> 00:30:04,370
and less the badge swap sides or

764
00:30:02,690 --> 00:30:06,950
something wrong that's very good point

765
00:30:04,369 --> 00:30:08,689
actually quantum electrodynamics things

766
00:30:06,950 --> 00:30:11,679
like that are very difficult but we have

767
00:30:08,690 --> 00:30:14,779
things like Feynman diagrams so we can

768
00:30:11,679 --> 00:30:16,280
explain you know a very complex idea in

769
00:30:14,779 --> 00:30:17,779
a very simple design so i'll have a

770

00:30:16,279 --> 00:30:20,178
fireman diagram which is this a drawing

771
00:30:17,779 --> 00:30:21,829
that shows a positron and an electron

772
00:30:20,179 --> 00:30:23,179
annihilating into a photon and then i've

773
00:30:21,829 --> 00:30:24,919
turned that into a necklace that you can

774
00:30:23,179 --> 00:30:26,059
wear around your neck so when you meet

775
00:30:24,920 --> 00:30:27,830
people that don't understand quantum

776
00:30:26,058 --> 00:30:29,629
electrodynamics i can see that and you

777
00:30:27,829 --> 00:30:31,250
can spark up a conversation and explain

778
00:30:29,630 --> 00:30:32,360
a little bit of science to them yes

779
00:30:31,250 --> 00:30:33,440
because when it was it when i first

780
00:30:32,359 --> 00:30:36,259
heard on this yep there's an event where

781
00:30:33,440 --> 00:30:38,480
how what was the skeptical jewelry now

782
00:30:36,259 --> 00:30:39,890
what is one that you've almost done and

783
00:30:38,480 --> 00:30:41,509
hasn't quite worked you got to take it

784
00:30:39,890 --> 00:30:42,830

back to the artistic drawing board i

785

00:30:41,509 --> 00:30:44,929
think i've had a little bit of

786

00:30:42,829 --> 00:30:46,789
difficulty doing some of the fossils

787

00:30:44,929 --> 00:30:48,470
because nature it does a really good job

788

00:30:46,789 --> 00:30:49,859
of preserving them but it's difficult to

789

00:30:48,470 --> 00:30:51,120
redraw them and recreate

790

00:30:49,859 --> 00:30:52,349
them so that's something that I'm

791

00:30:51,119 --> 00:30:55,829
working on right now I'm doing a lot of

792

00:30:52,349 --> 00:30:57,750
ammonites and I do like Lucy the Lucy

793

00:30:55,829 --> 00:30:59,369
fossil and trilobite things like that

794

00:30:57,750 --> 00:31:01,410
those I'm working on but they're still

795

00:30:59,369 --> 00:31:03,329
fun and they're coming along nicely I

796

00:31:01,410 --> 00:31:05,220
thought I think fractals are a very

797

00:31:03,329 --> 00:31:06,329
beautiful interesting thing and what do

798

00:31:05,220 --> 00:31:08,850
you think is the most beautiful thing in

799
00:31:06,329 --> 00:31:09,869
nature oh wow I know it's a very tough

800
00:31:08,849 --> 00:31:12,089
question that would be absolutely

801
00:31:09,869 --> 00:31:14,339
impossible to decide in fact I'm so

802
00:31:12,089 --> 00:31:15,808
inspired by science and nature that

803
00:31:14,339 --> 00:31:17,159
that's what I base all my designs on

804
00:31:15,808 --> 00:31:18,569
let's narrow it down a bit what do you

805
00:31:17,160 --> 00:31:21,750
think is the most beautiful thing under

806
00:31:18,569 --> 00:31:25,439
a microscope oh I'm a big fan of

807
00:31:21,750 --> 00:31:27,900
bacteria yeah i do i love bacteria and

808
00:31:25,440 --> 00:31:30,090
little single cells and because the most

809
00:31:27,900 --> 00:31:32,610
biological samples are very colorful or

810
00:31:30,089 --> 00:31:34,319
can be made colorful yeah absolutely i'm

811
00:31:32,609 --> 00:31:36,359
a big fan of that and color theory is

812
00:31:34,319 --> 00:31:38,730
really important to my work too so I I

813
00:31:36,359 --> 00:31:40,649
do like the color for pieces a lot I'm

814
00:31:38,730 --> 00:31:42,089
just looking at the the powers of colors

815
00:31:40,650 --> 00:31:44,910
you've got there on the jewelry and now

816
00:31:42,089 --> 00:31:47,339
I'm trying to find a pattern and I can't

817
00:31:44,910 --> 00:31:48,990
really find a pattern or a color one

818
00:31:47,339 --> 00:31:50,548
thing I can't see is I can't see any

819
00:31:48,990 --> 00:31:52,410
really really bright red you've got a

820
00:31:50,548 --> 00:31:54,089
couple of strong Reds now why is that

821
00:31:52,410 --> 00:31:56,190
that is because when you work with

822
00:31:54,089 --> 00:31:59,279
ceramics and your heating the material

823
00:31:56,190 --> 00:32:00,840
up to about 2,000 degrees or higher you

824
00:31:59,279 --> 00:32:03,539
have a really hard time holding on to

825
00:32:00,839 --> 00:32:06,089
the color red and a lot of it is made

826
00:32:03,539 --> 00:32:08,009
from lead and led is something that you

827

00:32:06,089 --> 00:32:09,779
can't really use in a lot of products

828
00:32:08,009 --> 00:32:11,579
because it's dangerous so that's why

829
00:32:09,779 --> 00:32:14,039
it's very difficult to find really

830
00:32:11,579 --> 00:32:15,509
bright reds and ceramics yeah and the

831
00:32:14,039 --> 00:32:17,099
way can we go online and find this and

832
00:32:15,509 --> 00:32:20,058
make some comments on your work go I

833
00:32:17,099 --> 00:32:24,959
look that's not a photorealistic photon

834
00:32:20,058 --> 00:32:28,048
please go to surly romics com s URL yr

835
00:32:24,960 --> 00:32:29,910
am I CFS calm and please leave any

836
00:32:28,048 --> 00:32:31,410
comments and tell me what you think I

837
00:32:29,910 --> 00:32:32,730
should make for my newest designs I'd

838
00:32:31,410 --> 00:32:33,990
love to hear from you from and I hope

839
00:32:32,730 --> 00:32:35,640
that you have a really great time at

840
00:32:33,990 --> 00:32:38,450
your first time it's a great crowd of

841
00:32:35,640 --> 00:32:38,450

people enjoy it

842

00:32:50,130 --> 00:32:54,370

the Canadian public has been poorly

843

00:32:52,630 --> 00:32:56,290

served by a government which displays

844

00:32:54,369 --> 00:32:59,979

little respect for objectivity and

845

00:32:56,289 --> 00:33:01,690

science Canadians are taking advantage

846

00:32:59,980 --> 00:33:03,610

of through weak consumer protection

847

00:33:01,690 --> 00:33:05,620

regulations that allow the sale of

848

00:33:03,609 --> 00:33:08,019

products and services that don't work

849

00:33:05,619 --> 00:33:09,428

and our media is all too willing to

850

00:33:08,019 --> 00:33:11,470

report dubious claims without

851

00:33:09,429 --> 00:33:15,490

examination if it will attract readers

852

00:33:11,470 --> 00:33:17,740

and sell advertising individual freedom

853

00:33:15,490 --> 00:33:19,750

of choice is being jeopardized as the

854

00:33:17,740 --> 00:33:22,808

unscrupulous or misinformed attempt to

855

00:33:19,750 --> 00:33:26,470

influence our important decisions it's

856
00:33:22,808 --> 00:33:28,839
time for a change bad science watches a

857
00:33:26,470 --> 00:33:31,240
new activist organization that will

858
00:33:28,839 --> 00:33:33,159
challenge the media advertisers and

859
00:33:31,240 --> 00:33:34,630
politicians when they promote unsound

860
00:33:33,160 --> 00:33:38,590
signs that can threaten the well-being

861
00:33:34,630 --> 00:33:41,410
of Canadians we will provide analysis of

862
00:33:38,589 --> 00:33:43,959
dubious scientific claims to you our

863
00:33:41,410 --> 00:33:45,820
government and the media and campaign

864
00:33:43,960 --> 00:33:49,360
for policy decisions based on the best

865
00:33:45,819 --> 00:33:52,210
evidence available we will take action

866
00:33:49,359 --> 00:33:53,799
to pressure politicians to enforce and

867
00:33:52,210 --> 00:33:55,319
strengthen consumer protection

868
00:33:53,799 --> 00:33:56,789
regulation

869
00:33:55,319 --> 00:34:00,299
we will stand against the exploitation

870
00:33:56,789 --> 00:34:04,920
of you and your family by the peddlers

871
00:34:00,299 --> 00:34:06,720
of bad science you can help us donate

872
00:34:04,920 --> 00:34:09,150
our pledge to support our campaigns and

873
00:34:06,720 --> 00:34:11,880
research efforts join our mailing list

874
00:34:09,150 --> 00:34:15,230
to receive action alerts and help effect

875
00:34:11,880 --> 00:34:19,789
real change tell your friends about us

876
00:34:15,230 --> 00:34:25,139
find out more at bat science watch see a

877
00:34:19,789 --> 00:34:29,690
bad science watch important issues Sam

878
00:34:25,139 --> 00:34:29,690
science real change

879
00:34:44,849 --> 00:34:51,219
predicting is so predictable December in

880
00:34:48,489 --> 00:34:53,678
January are generally slow news months

881
00:34:51,219 --> 00:34:56,259
in Australia the Polly's have gone home

882
00:34:53,679 --> 00:34:58,869
the cricket is on TV and we can find

883
00:34:56,260 --> 00:35:01,120
time to relax it can be a testing time

884

00:34:58,869 --> 00:35:04,179
for the media with column inches and

885
00:35:01,119 --> 00:35:07,719
tabloid TV segments to fill but all is

886
00:35:04,179 --> 00:35:09,789
not lost enter the fortune-tellers what

887
00:35:07,719 --> 00:35:12,750
does the year ahead hold for us let's

888
00:35:09,789 --> 00:35:17,380
ask our resident astrologer medium

889
00:35:12,750 --> 00:35:19,480
psychic mystic clairvoyant it can be

890
00:35:17,380 --> 00:35:22,599
hard to keep tabs on all these new-age

891
00:35:19,480 --> 00:35:23,920
sears but luckily for us at the end of

892
00:35:22,599 --> 00:35:27,369
each year in a report entitled

893
00:35:23,920 --> 00:35:30,039
tomorrow's news today in the pages of

894
00:35:27,369 --> 00:35:32,739
the psychic directory magazine members

895
00:35:30,039 --> 00:35:35,409
of the Australian psychic Association

896
00:35:32,739 --> 00:35:36,819
give us their predictions presumably

897
00:35:35,409 --> 00:35:39,250
these people are not your

898
00:35:36,820 --> 00:35:41,370

run-of-the-mill fortune tellers but the

899

00:35:39,250 --> 00:35:44,849

cream of the paranormal industry if

900

00:35:41,369 --> 00:35:47,920

anyone should know the future it's them

901

00:35:44,849 --> 00:35:50,199

most of their visions are about TV and

902

00:35:47,920 --> 00:35:53,950

movie celebrities with names like Nicole

903

00:35:50,199 --> 00:35:58,000

Kidman brad pitt angelina jolie tom

904

00:35:53,949 --> 00:36:01,449

hanks popping up in fact since 2008 no

905

00:35:58,000 --> 00:36:03,789

fewer than 40 stars are mentioned we

906

00:36:01,449 --> 00:36:07,239

find predictions about romance babies

907

00:36:03,789 --> 00:36:10,659

new movies and so on but alas very few

908

00:36:07,239 --> 00:36:12,369

of the many statements came true couples

909

00:36:10,659 --> 00:36:14,679

who were supposed to separate stayed

910

00:36:12,369 --> 00:36:17,319

together twins failed to appear for

911

00:36:14,679 --> 00:36:19,869

other couples Elton John did not have a

912

00:36:17,320 --> 00:36:23,400

major health scare and schapelle corby

913
00:36:19,869 --> 00:36:25,420
was not home in time for Christmas 2011

914
00:36:23,400 --> 00:36:27,000
now I'm not saying that all the

915
00:36:25,420 --> 00:36:29,260
predictions for celebrities were wrong

916
00:36:27,000 --> 00:36:31,239
amongst the very few to be ticked

917
00:36:29,260 --> 00:36:33,970
correct was the death of Elizabeth

918
00:36:31,239 --> 00:36:36,309
Taylor but honestly it was hardly a

919
00:36:33,969 --> 00:36:39,459
surprise oddly enough the death of

920
00:36:36,309 --> 00:36:41,230
Michael Jackson was also foretold only

921
00:36:39,460 --> 00:36:44,349
it was by the well-known American

922
00:36:41,230 --> 00:36:45,909
skeptic rebecca watson the Royals are

923
00:36:44,349 --> 00:36:48,880
always mentioned in these predictions

924
00:36:45,909 --> 00:36:52,480
and we must spare a thought for our dear

925
00:36:48,880 --> 00:36:55,329
queen who abdicated in 2011 and will

926
00:36:52,480 --> 00:36:56,858
again in 2013 William and Kate are

927
00:36:55,329 --> 00:36:59,409
expecting

928
00:36:56,858 --> 00:37:01,778
expecting I predict that one day they

929
00:36:59,409 --> 00:37:04,808
will indeed be parents a vital

930
00:37:01,778 --> 00:37:07,059
ingredient when casting a third eye into

931
00:37:04,809 --> 00:37:09,400
the future is to conjure up one or two

932
00:37:07,059 --> 00:37:12,940
predictions from left field things that

933
00:37:09,400 --> 00:37:15,730
are not likely to come true but just

934
00:37:12,940 --> 00:37:18,119
like putting all your chips on black 13

935
00:37:15,730 --> 00:37:21,519
once in a while you'll hit a winner

936
00:37:18,119 --> 00:37:23,230
finally near enough is good enough a

937
00:37:21,518 --> 00:37:26,169
prediction of an earthquake in

938
00:37:23,230 --> 00:37:29,969
California these happen every single day

939
00:37:26,170 --> 00:37:34,088
of the year that will occur in mid-july

940
00:37:29,969 --> 00:37:36,848
2010 causing havoc particularly in San

941

00:37:34,088 --> 00:37:39,308
Francisco was credited as a hit but

942
00:37:36,849 --> 00:37:41,739
following year the earthquake that shook

943
00:37:39,309 --> 00:37:46,690
California on the seventh of July was a

944
00:37:41,739 --> 00:37:49,929
magnitude 5.4 residents of California

945
00:37:46,690 --> 00:37:52,420
would say so what a rough count of the

946
00:37:49,929 --> 00:37:56,018
300 or thereabouts-- predictions made

947
00:37:52,420 --> 00:37:58,329
since 2007 gives us about an eight

948
00:37:56,018 --> 00:38:00,699
percent success rate this figure can be

949
00:37:58,329 --> 00:38:03,489
argued as many predictions are vague and

950
00:38:00,699 --> 00:38:06,578
open to interpretation but after the

951
00:38:03,489 --> 00:38:08,440
event the bottom line is that most of

952
00:38:06,579 --> 00:38:11,670
what is predicted doesn't happen and

953
00:38:08,440 --> 00:38:14,710
most of what happens is not predicted

954
00:38:11,670 --> 00:38:17,470
the list of major events overlooked his

955
00:38:14,710 --> 00:38:19,809

endless such as a certain prime minister

956

00:38:17,469 --> 00:38:22,988

being shown the door and a certain young

957

00:38:19,809 --> 00:38:25,239

redhead taking his place if this were

958

00:38:22,989 --> 00:38:27,749

any other industry the people concerned

959

00:38:25,239 --> 00:38:30,608

would be sacked for lack of performance

960

00:38:27,748 --> 00:38:33,038

now I'm not saying that many people take

961

00:38:30,608 --> 00:38:34,929

all this seriously it's like a sort of a

962

00:38:33,039 --> 00:38:37,720

guilty pleasure to pretend to have a

963

00:38:34,929 --> 00:38:39,190

sneaky look into the future as long as

964

00:38:37,719 --> 00:38:41,768

it's billed as entertainment then oh

965

00:38:39,190 --> 00:38:46,630

well and fine and it's only silly fun

966

00:38:41,768 --> 00:38:48,669

for the silly season only it's not the

967

00:38:46,630 --> 00:38:49,960

psychic directory magazine certainly

968

00:38:48,670 --> 00:38:53,769

gives the impression that these

969

00:38:49,960 --> 00:38:57,940

predictions are real and disclaimers are

970
00:38:53,768 --> 00:38:59,889
not given on the tabloid TV segments you

971
00:38:57,940 --> 00:39:03,130
can also bet that each of the people

972
00:38:59,889 --> 00:39:05,288
making those predictions also makes most

973
00:39:03,130 --> 00:39:07,480
or part of their living from giving

974
00:39:05,289 --> 00:39:10,000
private readings where it's all treated

975
00:39:07,480 --> 00:39:14,260
as if it were very real indeed

976
00:39:10,000 --> 00:39:16,960
life is about uncertainty it's the core

977
00:39:14,260 --> 00:39:20,140
of reality and makes life both wonderful

978
00:39:16,960 --> 00:39:22,900
and awful will I meet the person of my

979
00:39:20,139 --> 00:39:25,859
dreams where am I going to be in five

980
00:39:22,900 --> 00:39:28,869
years time will it be a boy or a girl

981
00:39:25,860 --> 00:39:31,210
who will win the cricket who will be our

982
00:39:28,869 --> 00:39:34,509
next prime minister will my mother

983
00:39:31,210 --> 00:39:37,449
survived the operation what day will I

984
00:39:34,510 --> 00:39:39,220
die if it did turn out that someone

985
00:39:37,449 --> 00:39:42,179
could really see what the future held

986
00:39:39,219 --> 00:39:44,619
for us it would cause a dramatic and

987
00:39:42,179 --> 00:39:47,710
fundamental change to our lives and

988
00:39:44,619 --> 00:39:50,049
society in general I predict that would

989
00:39:47,710 --> 00:39:54,329
be a world in which I would not want to

990
00:39:50,050 --> 00:39:58,720
live the 10 golden rules of predictions

991
00:39:54,329 --> 00:40:02,529
one make lots of predictions some are

992
00:39:58,719 --> 00:40:05,559
bound to come true to make lots of vague

993
00:40:02,530 --> 00:40:09,190
predictions and mix in a few specific

994
00:40:05,559 --> 00:40:11,860
ones three throw in some unlikely

995
00:40:09,190 --> 00:40:16,210
predictions once in a while some of them

996
00:40:11,860 --> 00:40:20,140
are bound to come true for did I mention

997
00:40:16,210 --> 00:40:22,570
make lots of predictions five talk about

998

00:40:20,139 --> 00:40:24,730
natural disasters especially floods and

999
00:40:22,570 --> 00:40:26,769
earthquakes they happen every month of

1000
00:40:24,730 --> 00:40:31,269
the year around the world in some form

1001
00:40:26,769 --> 00:40:33,130
or other six make sure you sprinkle your

1002
00:40:31,269 --> 00:40:35,110
predictions with things that are on the

1003
00:40:33,130 --> 00:40:37,570
cards for any given year such as

1004
00:40:35,110 --> 00:40:42,010
political unrest or the death of older

1005
00:40:37,570 --> 00:40:46,110
celebrities or Royals seven crow about

1006
00:40:42,010 --> 00:40:48,610
the predictions that do come true eight

1007
00:40:46,110 --> 00:40:51,010
don't worry about the predictions that

1008
00:40:48,610 --> 00:40:53,800
don't come true they will not be checked

1009
00:40:51,010 --> 00:40:55,780
by the media if they are just say I

1010
00:40:53,800 --> 00:41:00,010
never said I was one hundred percent

1011
00:40:55,780 --> 00:41:03,400
accurate or I can only go on what the

1012
00:41:00,010 --> 00:41:06,760

cards or the spirits or the stars tell

1013

00:41:03,400 --> 00:41:09,550

me nine fudge those predictions that are

1014

00:41:06,760 --> 00:41:12,040

partly true or can be reworked in the

1015

00:41:09,550 --> 00:41:15,610

light of hindsight this is also known as

1016

00:41:12,039 --> 00:41:18,400

retrofitting 10 remember you are

1017

00:41:15,610 --> 00:41:21,970

unaccountable make up whatever you want

1018

00:41:18,400 --> 00:41:23,950

oh and one last rule for the media

1019

00:41:21,969 --> 00:41:26,439

don't go back and check last year's

1020

00:41:23,949 --> 00:41:31,439

predictions it's a lot of work to

1021

00:41:26,440 --> 00:41:31,440

research and your audience doesn't care

1022

00:41:41,608 --> 00:41:47,769

I'm courses hello an ally dodged into

1023

00:41:44,530 --> 00:41:49,330

her letter skeptics on podcasts boosted

1024

00:41:47,769 --> 00:41:51,429

here does is often dodge Manannan

1025

00:41:49,329 --> 00:41:53,858

skeptic a fab and gift for vital

1026

00:41:51,429 --> 00:41:58,809

information ribbons on the skeptic

1027
00:41:53,858 --> 00:42:03,190
magazine reserved vvv point gavey OOP a

1028
00:41:58,809 --> 00:42:06,340
punk talk hv dejala vvv won't give a

1029
00:42:03,190 --> 00:42:10,470
rupee Potok on danzo off it say on

1030
00:42:06,340 --> 00:42:10,470
facebook twitter and google+ sign

1031
00:42:24,159 --> 00:42:29,568
thank you for listening to the skeptics

1032
00:42:26,630 --> 00:42:32,390
on next week's episode all going well

1033
00:42:29,568 --> 00:42:34,759
we'll come to you from sunny California

1034
00:42:32,389 --> 00:42:37,039
and very soon I'll be catching up with

1035
00:42:34,760 --> 00:42:39,950
brian dunning everybody's favorite

1036
00:42:37,039 --> 00:42:42,889
podcaster Brian Dunning from skip dude

1037
00:42:39,949 --> 00:42:44,149
calm I think there's a hot tub lined up

1038
00:42:42,889 --> 00:42:46,460
we're going to have a think tank in the

1039
00:42:44,150 --> 00:42:49,160
hot tub and then I'm going on a little

1040
00:42:46,460 --> 00:42:51,050
adventure called skeptics in the Jeep I

1041
00:42:49,159 --> 00:42:55,219
think there's a Facebook page for that

1042
00:42:51,050 --> 00:42:57,099
skeptics in the Jeep all coming up thank

1043
00:42:55,219 --> 00:42:59,838
you for listening once again but until

1044
00:42:57,099 --> 00:43:02,750
until next week from California this is

1045
00:42:59,838 --> 00:43:08,690
Richard Saunders signing off from Sydney

1046
00:43:02,750 --> 00:43:13,369
Australia you've been listening to the

1047
00:43:08,690 --> 00:43:17,210
skeptic zone visit our website at www

1048
00:43:13,369 --> 00:43:20,920
skeptics on TV for comments contacts and

1049
00:43:17,210 --> 00:43:20,920
extra video reports