The Skeptic Zone
Show 209 - 20 Oct 2012

1
00:00:23,570 --> 00:00:09,080
welcome to the skeptic zone the podcast

2
00:00:29,339 --> 00:00:26,190
hello and welcome to the skeptic zone

3
00:00:32,940 --> 00:00:29,349
episode number 209 for the 20th of

4
00:00:36,660 --> 00:00:32,950
October 2012 Richard Saunders with you

5
00:00:40,590 --> 00:00:36,670
from a skating warmer definitely getting

6
00:00:43,350 --> 00:00:40,600
warmer Sydney Australia on this week's

7
00:00:45,420 --> 00:00:43,360
show more from the amazing meeting in

8
00:00:48,509 --> 00:00:45,430
Las Vegas now friend and reporter

9
00:00:51,060 --> 00:00:48,519
Maynard Maynard speaks to Shane green up

10
00:00:54,500 --> 00:00:51,070
her an Aussie living in Chile Chile

11
00:01:00,840 --> 00:00:54,510
about a project he's involved with cold

12
00:01:02,639 --> 00:01:00,850
Roberta Roberta ah bu TR got something

13
00:01:05,670 --> 00:01:02,649

you'd like to rebut seen a website that

14
00:01:08,760 --> 00:01:05,680
needs rebutting through butter plugin

15
00:01:11,389 --> 00:01:08,770
might be for you find out more coming up

16
00:01:14,120 --> 00:01:11,399
when Maynard interviews Shane greener

17
00:01:16,410 --> 00:01:14,130
after that Maynard speaks to a very

18
00:01:17,609 --> 00:01:16,420
enthusiastic young delegate at the

19
00:01:23,240 --> 00:01:17,619
amazing meeting all the way from

20
00:01:25,800 --> 00:01:23,250
Virginia I don't know her name so

21
00:01:27,690 --> 00:01:25,810
mysterious person from Virginia whose

22
00:01:30,570 --> 00:01:27,700
voice I don't know if I recognize or not

23
00:01:32,010 --> 00:01:30,580
you know probably should if you know who

24
00:01:34,560 --> 00:01:32,020
you are please write to me and I will

25
00:01:36,870 --> 00:01:34,570
mention you on next week's podcast but

26
00:01:39,660 --> 00:01:36,880
you do have a lot of interesting things

27
00:01:41,249 --> 00:01:39,670
to say to me nerd and then Maynard wraps

28
00:01:45,469 --> 00:01:41,259
up his Tammy interviews for this week

29
00:01:49,109 --> 00:01:45,479
with an interview with surly RemX amy

30
00:01:51,210 --> 00:01:49,119
davis rough or surly Amy as she's known

31
00:01:53,760 --> 00:01:51,220
now some of you may remember that video

32
00:01:55,710 --> 00:01:53,770
yes skeptic zone put out about a year or

33
00:01:58,560 --> 00:01:55,720
two ago how it's done applied

34
00:02:01,289 --> 00:01:58,570
kinesiology well one of the props were

35
00:02:03,240 --> 00:02:01,299
used in that to demonstrate them how

36
00:02:06,330 --> 00:02:03,250
these things do or don't work was a

37
00:02:11,910 --> 00:02:06,340
surly ramik little pendant and honored

38
00:02:13,770 --> 00:02:11,920

States science saves lives then to round

39
00:02:15,750 --> 00:02:13,780
off the show a little opinion piece I

40
00:02:18,360 --> 00:02:15,760
wrote all about predictions yes in

41
00:02:20,280 --> 00:02:18,370
December and January probably all around

42
00:02:23,039 --> 00:02:20,290
the world the media's full of people

43
00:02:25,740 --> 00:02:23,049
making predictions what's coming up for

44
00:02:28,949 --> 00:02:25,750
the year ahead hear my thoughts about

45
00:02:30,860 --> 00:02:28,959
that a bit later now during the wig

46
00:02:33,039 --> 00:02:30,870
during the week I am

47
00:02:36,440 --> 00:02:33,049
took some time out and I watched a

48
00:02:40,039 --> 00:02:36,450
relatively new documentary ancient

49
00:02:43,670 --> 00:02:40,049
aliens debunked by chris white and

50
00:02:46,729 --> 00:02:43,680
there's a website for that video goes

51
00:02:49,940 --> 00:02:46,739
for over three hours ancient aliens

52
00:02:53,479 --> 00:02:49,950
debunked calm and I was really enjoying

53
00:02:55,640 --> 00:02:53,489
it it was fantastic at his amazing job

54
00:02:57,500 --> 00:02:55,650
take my head off to Chris White for the

55
00:03:01,009 --> 00:02:57,510
research and his friends have done to

56
00:03:03,170 --> 00:03:01,019
put this together uh and then a couple

57
00:03:05,210 --> 00:03:03,180
of things sort of confused me a little

58
00:03:07,119 --> 00:03:05,220
bit as I was watching it because he was

59
00:03:10,550 --> 00:03:07,129
doing such a great job in dismantling

60
00:03:13,970 --> 00:03:10,560
bad arguments a couple of things about

61
00:03:15,589 --> 00:03:13,980
Noah's Flood and angels and I wasn't

62
00:03:18,710 --> 00:03:15,599
quite sure so I went to the Internet and

63
00:03:21,110 --> 00:03:18,720

I sort of found that maybe chris white

64
00:03:22,880 --> 00:03:21,120
isn't as skeptical as he could have been

65
00:03:24,740 --> 00:03:22,890
in certain aspects of the film but I

66
00:03:28,729 --> 00:03:24,750
don't wonder whom I don't want to play

67
00:03:31,009 --> 00:03:28,739
the heavy hand here and make too many

68
00:03:32,899 --> 00:03:31,019
comments there's a lot of back and forth

69
00:03:36,440 --> 00:03:32,909
on the internet about it especially at

70
00:03:38,569 --> 00:03:36,450
skeptic calm look I enjoyed it there's

71
00:03:40,759 --> 00:03:38,579
bits in it where we can question what's

72
00:03:44,270 --> 00:03:40,769
really going on and maybe the motives of

73
00:03:46,490 --> 00:03:44,280
chris white but by and large by and

74
00:03:48,949 --> 00:03:46,500
large and i think i heard the expression

75
00:03:52,129 --> 00:03:48,959
well don't throw the baby out with the

76
00:03:55,759 --> 00:03:52,139
bathwater the documentary by and large

77
00:03:57,110 --> 00:03:55,769
is certainly worth a look start watching

78
00:03:59,569 --> 00:03:57,120
it see what you think i can recommend

79
00:04:00,710 --> 00:03:59,579
that you have a look and then but bear

80
00:04:03,650 --> 00:04:00,720
in mind that there's some controversy

81
00:04:06,920 --> 00:04:03,660
about it and you can google that check

82
00:04:08,960 --> 00:04:06,930
it out but don't let that stop you from

83
00:04:11,689 --> 00:04:08,970
watching it in the first place if all

84
00:04:14,900 --> 00:04:11,699
that sort of makes sense ancient aliens

85
00:04:17,479 --> 00:04:14,910
debunked and before we get stuck into

86
00:04:20,719 --> 00:04:17,489
the skeptic zone just today I was at

87
00:04:23,750 --> 00:04:20,729
Prince of Wales hospital here in Sydney

88
00:04:25,339 --> 00:04:23,760

and randwick between ran week and Coogi

89
00:04:28,730 --> 00:04:25,349
and I'm sure sydneysiders know where

90
00:04:31,040 --> 00:04:28,740
that is to visit my brother who had a

91
00:04:32,870 --> 00:04:31,050
hip replacement operation very young man

92
00:04:34,879 --> 00:04:32,880
to have a hip replacement operation but

93
00:04:38,540 --> 00:04:34,889
it wasn't working too well he's

94
00:04:40,190 --> 00:04:38,550
recovering very nicely and anyway on my

95
00:04:42,440 --> 00:04:40,200
way into the hospital I noticed there

96
00:04:43,810 --> 00:04:42,450
was a big sort of impromptu market I

97
00:04:45,310 --> 00:04:43,820
suppose they have that every

98
00:04:48,610 --> 00:04:45,320
month or every couple of weeks I don't

99
00:04:50,740 --> 00:04:48,620
know really and you could buy socks and

100
00:04:53,140 --> 00:04:50,750
gadgets and all sorts of things selling

101
00:04:56,710 --> 00:04:53,150
them intense I was looking around and

102
00:05:01,900 --> 00:04:56,720
there was somebody selling detox foot

103
00:05:06,100 --> 00:05:01,910
patches and ear candles at a hospital

104
00:05:08,950 --> 00:05:06,110
ear candles so I looked at them and I

105
00:05:10,540 --> 00:05:08,960
looked a bit shocked and he looked at me

106
00:05:14,110 --> 00:05:10,550
and he said yeah they're here comes and

107
00:05:17,350 --> 00:05:14,120
I said really here and he said what are

108
00:05:21,700 --> 00:05:17,360
they too alternative for you um I said

109
00:05:24,670 --> 00:05:21,710
no they're too dangerous and I rattled

110
00:05:26,470 --> 00:05:24,680
off about eight quickfire reasons as to

111
00:05:31,000 --> 00:05:26,480
why they're dangerous and not a good

112
00:05:32,980 --> 00:05:31,010
idea he was a little bit taken back and

113
00:05:34,720 --> 00:05:32,990

but I didn't spend any time arguing with

114
00:05:36,580 --> 00:05:34,730
him I just told him the reasons and then

115
00:05:38,280 --> 00:05:36,590
I said I will let the hospital know that

116
00:05:40,780 --> 00:05:38,290
this is not a good thing and walked off

117
00:05:42,460 --> 00:05:40,790
so that's what i'll do i'll write to the

118
00:05:45,640 --> 00:05:42,470
Prince of Wales hospital and say by the

119
00:05:48,220 --> 00:05:45,650
way you really shouldn't have somebody

120
00:05:51,430 --> 00:05:48,230
selling this major quackery and

121
00:05:56,050 --> 00:05:51,440
dangerous quietly to boot at a hospital

122
00:05:57,880 --> 00:05:56,060
well we do our best now this week's

123
00:06:00,940 --> 00:05:57,890
episode of the skeptic zone is one of

124
00:06:02,890 --> 00:06:00,950
those shorter ones i'm somewhat swamped

125
00:06:06,670 --> 00:06:02,900
at the moment I'm just about to fly out

126
00:06:07,750 --> 00:06:06,680
to California and there's other things

127
00:06:09,160 --> 00:06:07,760
sort of happening in the background

128
00:06:11,530 --> 00:06:09,170
there so I hope you don't mind the

129
00:06:13,570 --> 00:06:11,540
slightly abbreviated skeptic zone always

130
00:06:17,110 --> 00:06:13,580
good content and of course we always

131
00:06:19,750 --> 00:06:17,120
think may nod for that and and don't

132
00:06:21,100 --> 00:06:19,760
forget don't forget as we keep reminding

133
00:06:23,560 --> 00:06:21,110
you that the Australian skeptics

134
00:06:27,010 --> 00:06:23,570
national conventions coming up visit w

135
00:06:29,350 --> 00:06:27,020
WV skeptics wordpress com for more

136
00:06:33,640 --> 00:06:29,360
information or skipped exams on TV hope

137
00:06:35,710 --> 00:06:33,650
to see you there cool all right far too

138
00:06:37,480 --> 00:06:35,720

much out of me for this introduction

139
00:06:38,830 --> 00:06:37,490
maybe if I keep talking the show will be

140
00:06:40,990 --> 00:06:38,840
longer because the introduction on glory

141
00:06:43,030 --> 00:06:41,000
no no I won't do that at all I'm going

142
00:06:43,930 --> 00:06:43,040
to run downstairs folks I won't

143
00:06:46,300 --> 00:06:43,940
disappoint you i'm going to run

144
00:06:51,100 --> 00:06:46,310
downstairs i'm going to have some smoked

145
00:06:53,620 --> 00:06:51,110
salmon on toast smoked salmon on toast

146
00:06:54,450 --> 00:06:53,630
or locks i think they call it in north

147
00:06:57,570 --> 00:06:54,460
america

148
00:07:00,960 --> 00:06:57,580
a rose by any other name would taste as

149
00:07:17,560 --> 00:07:00,970
yummy well I munch my salmon I'll let

150
00:07:25,839 --> 00:07:22,280
here's my not spooky action at a

151
00:07:31,459 --> 00:07:29,029
look why I'm here cynically near the

152
00:07:33,889 --> 00:07:31,469
men's toilets as look basically that's

153
00:07:35,239 --> 00:07:33,899
where the most truth add in women's

154
00:07:37,070 --> 00:07:35,249
toilets to cause basically the toilet is

155
00:07:39,290 --> 00:07:37,080
where people speak their mind and we're

156
00:07:42,079 --> 00:07:39,300
close enough to have the mind spoken of

157
00:07:43,730 --> 00:07:42,089
Shane how a shame I'm great thanks but I

158
00:07:45,829 --> 00:07:43,740
probably think of this used town I'm

159
00:07:48,469 --> 00:07:45,839
loving it I haven't gotten to compare it

160
00:07:50,389 --> 00:07:48,479
against it's my first one but it's been

161
00:07:53,809 --> 00:07:50,399
awesome I've been talking to so many

162
00:07:55,579 --> 00:07:53,819
just interesting intelligent people and

163
00:07:57,529 --> 00:07:55,589

the subject matters just something that

164
00:08:00,199 --> 00:07:57,539
I love it was you're based in South

165
00:08:02,540 --> 00:08:00,209
America now yeah and living in not only

166
00:08:05,119 --> 00:08:02,550
in Chile but in southern Chile in the

167
00:08:07,100 --> 00:08:05,129
the base of a volcano town called pick

168
00:08:10,249 --> 00:08:07,110
on can we call it chili or was that just

169
00:08:11,839 --> 00:08:10,259
an affectation like diversity no no

170
00:08:13,519 --> 00:08:11,849
that's what the Chilean score actually

171
00:08:15,320 --> 00:08:13,529
okay good I'm not just making sure I get

172
00:08:17,089 --> 00:08:15,330
it right there and you've moved there

173
00:08:19,309 --> 00:08:17,099
and put you been working on rubato which

174
00:08:21,170 --> 00:08:19,319
sounds like a very interesting um it

175
00:08:23,629 --> 00:08:21,180
sounds kind of evil to take over the

176
00:08:25,369 --> 00:08:23,639
world i like it like like Skynet that's

177
00:08:28,159 --> 00:08:25,379
funny you mention that because when we

178
00:08:29,449 --> 00:08:28,169
were first developing it now sort of

179
00:08:31,549 --> 00:08:29,459
thinking of ways to market a way to

180
00:08:33,829 --> 00:08:31,559
reach out to people I had this vision of

181
00:08:34,939 --> 00:08:33,839
a comic with robota man running around

182
00:08:37,639 --> 00:08:34,949
punching people in the face saying

183
00:08:39,379 --> 00:08:37,649
you're wrong we haven't our worked on

184
00:08:41,360 --> 00:08:39,389
that yet but I just had a visual of it

185
00:08:44,809 --> 00:08:41,370
since I've got a hollowed-out volcano

186
00:08:46,400 --> 00:08:44,819
that you have your master plan sitting

187
00:08:49,850 --> 00:08:46,410
there stroking a white cat going world

188
00:08:52,670 --> 00:08:49,860

butter it will conquer all I think you

189
00:08:54,500 --> 00:08:52,680
just outlined our strategy but mighty

190
00:08:56,329 --> 00:08:54,510
that's a great elevator pitch yeah yeah

191
00:08:57,980 --> 00:08:56,339
no blonde one wow you've got a white cat

192
00:09:01,400 --> 00:08:57,990
and hold out volcano here's some money

193
00:09:03,980 --> 00:09:01,410
look what does this robot adieu okay I'm

194
00:09:06,860 --> 00:09:03,990
so we're building basically a database

195
00:09:08,389 --> 00:09:06,870
of connections between rebuttal articles

196
00:09:09,980 --> 00:09:08,399
on the internet and the pages that

197
00:09:11,720 --> 00:09:09,990
they're abutting so the first

198
00:09:14,240 --> 00:09:11,730
implementation of this is a browser

199
00:09:16,579 --> 00:09:14,250
extension so you install it into chrome

200
00:09:17,750 --> 00:09:16,589
and as you're browsing the internet

201
00:09:20,059 --> 00:09:17,760
whenever you land on a page which has

202
00:09:22,040 --> 00:09:20,069
been rebutted by someone somewhere on

203
00:09:24,439 --> 00:09:22,050
the internet and alert pops up saying

204
00:09:27,410 --> 00:09:24,449
this page is being rebutted and then you

205
00:09:28,850 --> 00:09:27,420
can click through on just on our button

206
00:09:31,249 --> 00:09:28,860
and it takes you through back that I

207
00:09:32,660 --> 00:09:31,259
takes you through to a page which argues

208
00:09:34,550 --> 00:09:32,670
precisely against the page you're

209
00:09:36,679 --> 00:09:34,560
looking at so it delivers to you

210
00:09:38,400 --> 00:09:36,689
opposing perspectives and it makes it

211
00:09:39,689 --> 00:09:38,410
really easy to follow through

212
00:09:42,480 --> 00:09:39,699
that are happening between different

213
00:09:45,720 --> 00:09:42,490

websites know now that can be incredibly

214
00:09:48,689 --> 00:09:45,730
subjective how does a computer algorithm

215
00:09:50,369 --> 00:09:48,699
do that yeah yeah it doesn't it's

216
00:09:52,680 --> 00:09:50,379
actually being attempted people have

217
00:09:54,540 --> 00:09:52,690
tried to do it but natural language

218
00:09:56,280 --> 00:09:54,550
processing they call it isn't at that

219
00:09:58,470 --> 00:09:56,290
level yet so we can't write software

220
00:10:01,350 --> 00:09:58,480
that's good enough to identify context

221
00:10:04,530 --> 00:10:01,360
and intention so at this stage it'll

222
00:10:06,449 --> 00:10:04,540
crowd-sourced meaning we need a vibrant

223
00:10:08,179 --> 00:10:06,459
active community to help us out and now

224
00:10:10,980 --> 00:10:08,189
with that just necessarily be

225
00:10:12,960 --> 00:10:10,990
extraordinary claims or could someone do

226
00:10:15,660 --> 00:10:12,970
a rebuttal to a peer-reviewed scientific

227
00:10:18,119 --> 00:10:15,670
article yeah it can be done to literally

228
00:10:20,460 --> 00:10:18,129
anything ideally anything that makes a

229
00:10:23,220 --> 00:10:20,470
claim so peer-reviewed scientific

230
00:10:25,949 --> 00:10:23,230
articles could be rebutted fire our

231
00:10:27,629 --> 00:10:25,959
system and equally like pages that are

232
00:10:30,360 --> 00:10:27,639
selling products could be rebutted so it

233
00:10:31,800 --> 00:10:30,370
can be used on just any URL what are the

234
00:10:33,749 --> 00:10:31,810
arts and the humanities like you know

235
00:10:35,910 --> 00:10:33,759
you get a manor combo you and the

236
00:10:39,150 --> 00:10:35,920
rebuttal can be well he's not fine it

237
00:10:40,619 --> 00:10:39,160
could be done what we hope will happen

238
00:10:43,050 --> 00:10:40,629

is with a vibro community that would

239
00:10:45,689 --> 00:10:43,060
just vote that down so there's going to

240
00:10:47,040 --> 00:10:45,699
be processes involved where if someone

241
00:10:48,449 --> 00:10:47,050
adds a rebuttal and it gets a lot of

242
00:10:49,590 --> 00:10:48,459
negative votes then it'll just be

243
00:10:53,550 --> 00:10:49,600
removed from it they will be hidden

244
00:10:55,410 --> 00:10:53,560
basically so there will be again the

245
00:10:59,280 --> 00:10:55,420
whole thing will be crowd-sourced so

246
00:11:02,569 --> 00:10:59,290
that the community decides the eye can

247
00:11:05,569 --> 00:11:02,579
see alternative practitioners crying a

248
00:11:09,030 --> 00:11:05,579
conspiracy and you know the you know the

249
00:11:11,850 --> 00:11:09,040
skeptics end they are against me with

250
00:11:14,639 --> 00:11:11,860
this new robotic evil thing yeah and I'm

251
00:11:16,860 --> 00:11:14,649
sure they will but and so you're going

252
00:11:18,389 --> 00:11:16,870
to figure out what pocket you're in some

253
00:11:20,009 --> 00:11:18,399
people are in the pocket of big farmer

254
00:11:21,120 --> 00:11:20,019
you know so everyone's in the pocket of

255
00:11:22,650 --> 00:11:21,130
something so you can have to ask that

256
00:11:26,670 --> 00:11:22,660
again have to have one money when they

257
00:11:28,650 --> 00:11:26,680
ask you here yep III think I'll deny

258
00:11:30,960 --> 00:11:28,660
everything I'm sure I'll be accused of

259
00:11:33,509 --> 00:11:30,970
it but um yeah the tool set up to be

260
00:11:36,090 --> 00:11:33,519
completely neutral so it's as effective

261
00:11:38,340 --> 00:11:36,100
as that community is so if you know the

262
00:11:39,840 --> 00:11:38,350
cam bodies that are out there all that

263
00:11:41,699 --> 00:11:39,850

homeopaths and everything feel like

264
00:11:43,110 --> 00:11:41,709
they're being unfairly targeted then

265
00:11:44,460 --> 00:11:43,120
it's up to them to mobilize and

266
00:11:46,079 --> 00:11:44,470
participate and to add their own

267
00:11:47,519 --> 00:11:46,089
rebuttals and this is one of the things

268
00:11:48,650 --> 00:11:47,529
that a lot of skeptics are concerned

269
00:11:50,889 --> 00:11:48,660
about that

270
00:11:54,050 --> 00:11:50,899
her but it can be used just as he

271
00:11:56,569 --> 00:11:54,060
effectively arguably by homeopaths to

272
00:11:59,059 --> 00:11:56,579
rebut skeptical arguments but of course

273
00:12:00,829 --> 00:11:59,069
this is this is actually what I'm hoping

274
00:12:02,389 --> 00:12:00,839
for I want them to participate I want

275
00:12:04,480 --> 00:12:02,399
them to add their rebuttals because that

276
00:12:06,019 --> 00:12:04,490
creates a discussion well yeah and and

277
00:12:07,730 --> 00:12:06,029
eventually that's what we're all about

278
00:12:09,259 --> 00:12:07,740
here we want to have a discussion bring

279
00:12:10,819 --> 00:12:09,269
the evidence out and have a look at it

280
00:12:12,860 --> 00:12:10,829
in the light yeah and that's it and I

281
00:12:14,509 --> 00:12:12,870
have absolute faith that if the

282
00:12:15,949 --> 00:12:14,519
homeopaths present their best arguments

283
00:12:18,050 --> 00:12:15,959
and the skeptics present their best

284
00:12:20,090 --> 00:12:18,060
arguments the end of the day skeptics

285
00:12:21,590 --> 00:12:20,100
going to come out tops but we need them

286
00:12:23,269 --> 00:12:21,600
to interact because at the moment the

287
00:12:26,179 --> 00:12:23,279
only people that read our arguments are

288
00:12:27,860 --> 00:12:26,189

us I want them interacting I want them

289
00:12:30,050 --> 00:12:27,870
participating and what's a good way to

290
00:12:31,490 --> 00:12:30,060
get the the every person to have this

291
00:12:33,170 --> 00:12:31,500
plug-in on their browser I guess maybe

292
00:12:34,699 --> 00:12:33,180
down the track you're looking at like an

293
00:12:35,900 --> 00:12:34,709
easy to install app on the phone or

294
00:12:37,939 --> 00:12:35,910
something like that that would make it

295
00:12:40,009 --> 00:12:37,949
easier for the regular person who's not

296
00:12:42,110 --> 00:12:40,019
going to participate but want to read

297
00:12:45,139 --> 00:12:42,120
both sides to have a look yeah yeah so

298
00:12:46,280 --> 00:12:45,149
that's exactly our ultimate goal so the

299
00:12:48,079 --> 00:12:46,290
stage right now is building the

300
00:12:49,610 --> 00:12:48,089
community that makes the network makes

301
00:12:52,160 --> 00:12:49,620
what the links ads all the rebuttals we

302
00:12:54,199 --> 00:12:52,170
need to have that core of activity so

303
00:12:55,939 --> 00:12:54,209
that the average person has something to

304
00:12:57,710 --> 00:12:55,949
react to they need some content there to

305
00:13:00,259 --> 00:12:57,720
work with so we're starting at stage one

306
00:13:02,360 --> 00:13:00,269
once we've got that then year we've got

307
00:13:04,040 --> 00:13:02,370
quite a few plans in place to reach out

308
00:13:05,660 --> 00:13:04,050
to the average person and the great

309
00:13:06,980 --> 00:13:05,670
thing about you know we lump everyone is

310
00:13:09,980 --> 00:13:06,990
this average person sort of thing but

311
00:13:12,650 --> 00:13:09,990
everyone has an interest or am obsession

312
00:13:17,240 --> 00:13:12,660
with some subject or another no I can't

313
00:13:20,809 --> 00:13:17,250

get enough erich von daniken yeah but

314
00:13:22,579 --> 00:13:20,819
like thanks I saw a blood thrown your

315
00:13:24,230 --> 00:13:22,589
your rather large eight brain off

316
00:13:27,650 --> 00:13:24,240
thereby by bringing down I don't know

317
00:13:29,480 --> 00:13:27,660
who he is that's all right ok I you mean

318
00:13:32,960 --> 00:13:29,490
you are behaving as if Chariots of the

319
00:13:34,610 --> 00:13:32,970
Gods was never written sir I'm sorry get

320
00:13:37,370 --> 00:13:34,620
the error whichever God's I've offended

321
00:13:38,540 --> 00:13:37,380
and then that's okay and so yes so

322
00:13:40,129 --> 00:13:38,550
everyone's got their own thing

323
00:13:41,780 --> 00:13:40,139
everyone's got their own bugbear

324
00:13:43,549 --> 00:13:41,790
everyone's got their own whoo that gets

325
00:13:45,379 --> 00:13:43,559
their goat yeah and it doesn't have to

326
00:13:47,809 --> 00:13:45,389
be rude like a lot of people interested

327
00:13:49,879 --> 00:13:47,819
in politics and Roberta can be used for

328
00:13:52,939 --> 00:13:49,889
politics so someone who's you know a

329
00:13:56,600 --> 00:13:52,949
staunch Democrat or Republican or

330
00:13:58,340 --> 00:13:56,610
liberal or labor whatever it is they may

331
00:13:59,960 --> 00:13:58,350
go in to participate in that debate they

332
00:14:01,700 --> 00:13:59,970
may install it so that they can have

333
00:14:04,040 --> 00:14:01,710
their arguments presented

334
00:14:05,180 --> 00:14:04,050
to the other side of that debate and now

335
00:14:08,840 --> 00:14:05,190
they've got it installed they'll be

336
00:14:10,430 --> 00:14:08,850
presented with skeptic arguments and how

337
00:14:13,160 --> 00:14:10,440
does it look on your screen like so I go

338
00:14:15,380 --> 00:14:13,170

to to any page where halleloo rebuttals

339
00:14:17,300 --> 00:14:15,390
be made known to me we actually have an

340
00:14:19,100 --> 00:14:17,310
on-screen pop up so once you've

341
00:14:21,170 --> 00:14:19,110
installed it it just appears as a tiny

342
00:14:23,150 --> 00:14:21,180
little square in your browser you don't

343
00:14:25,610 --> 00:14:23,160
even notice it's there whenever you hit

344
00:14:26,690 --> 00:14:25,620
a page which has been rebutted a square

345
00:14:28,670 --> 00:14:26,700
pops up in the top right-hand corner

346
00:14:31,250 --> 00:14:28,680
it's quite out of the way but hopefully

347
00:14:32,450 --> 00:14:31,260
large enough that you notice it and it

348
00:14:34,700 --> 00:14:32,460
sits there for five seconds saying this

349
00:14:36,260 --> 00:14:34,710
has been reverted and then disappears so

350
00:14:37,670 --> 00:14:36,270
how do you go designing a graphic

351
00:14:39,470 --> 00:14:37,680
interface like that because like you

352
00:14:41,510 --> 00:14:39,480
said you want something that will get

353
00:14:42,770 --> 00:14:41,520
people's attention but you don't want

354
00:14:44,510 --> 00:14:42,780
something that's going to annoy them as

355
00:14:49,250 --> 00:14:44,520
they surf the net and eventually you

356
00:14:50,720 --> 00:14:49,260
know unplug it yeah systematically it's

357
00:14:53,300 --> 00:14:50,730
a lot of testing and experimenting and

358
00:14:55,580 --> 00:14:53,310
seeing how people react at this point in

359
00:14:57,110 --> 00:14:55,590
time we've got one developer and he's

360
00:14:59,900 --> 00:14:57,120
working he's got his own job as well

361
00:15:02,990 --> 00:14:59,910
he's working as hard as he can e amazing

362
00:15:06,140 --> 00:15:03,000
guy and he's not sleeping a lot and he's

363
00:15:08,740 --> 00:15:06,150

drinking a lot of stimulants yeah if I

364
00:15:12,500 --> 00:15:08,750
go into that it is South America

365
00:15:15,920 --> 00:15:12,510
actually he's in Sydney but yeah it's

366
00:15:18,110 --> 00:15:15,930
South America yeah well I'm working

367
00:15:19,280 --> 00:15:18,120
really hard on the whole thing and did

368
00:15:21,050 --> 00:15:19,290
you originally come from this from as

369
00:15:22,880 --> 00:15:21,060
skeptical perspective or you came from

370
00:15:24,110 --> 00:15:22,890
it from a political perspective or you

371
00:15:26,150 --> 00:15:24,120
just thought you know we just need to

372
00:15:28,430 --> 00:15:26,160
get let people see a few more angles to

373
00:15:30,500 --> 00:15:28,440
any situation yeah mostly the last one

374
00:15:33,130 --> 00:15:30,510
quite honestly I came from from a very

375
00:15:36,040 --> 00:15:33,140
personal perspective I was frustrated I

376
00:15:38,420 --> 00:15:36,050
read an article which happened to be on

377
00:15:41,720 --> 00:15:38,430
anti-vaccination saying vaccines cause

378
00:15:44,000 --> 00:15:41,730
illness and I read the study that it was

379
00:15:45,530 --> 00:15:44,010
based on and it study was complete

380
00:15:47,030 --> 00:15:45,540
rubbish and I have a background in

381
00:15:49,010 --> 00:15:47,040
molecular biology so I understand how

382
00:15:50,480 --> 00:15:49,020
science works and I could just see right

383
00:15:52,880 --> 00:15:50,490
through it but the problem was is that a

384
00:15:54,620 --> 00:15:52,890
friend on Facebook shared this article

385
00:15:57,500 --> 00:15:54,630
which means it's someone that I'm

386
00:15:58,730 --> 00:15:57,510
friends with thinks that this is a great

387
00:16:00,800 --> 00:15:58,740
idea and this is a great article and I

388
00:16:03,230 --> 00:16:00,810

really wanted to show them the problems

389
00:16:05,930 --> 00:16:03,240
with it and there's just no way on the

390
00:16:07,430 --> 00:16:05,940
internet to go I I want to see a

391
00:16:09,560 --> 00:16:07,440
well-structured argument against what

392
00:16:10,880 --> 00:16:09,570
I'm looking at Google doesn't provide

393
00:16:13,370 --> 00:16:10,890
anything like a Google is great for

394
00:16:15,420 --> 00:16:13,380
finding broad subject matters material

395
00:16:17,280 --> 00:16:15,430
but when it comes to a specific

396
00:16:19,889 --> 00:16:17,290
wants to a specific thing it's really

397
00:16:21,300 --> 00:16:19,899
inefficient out of that so I'm trying to

398
00:16:23,160 --> 00:16:21,310
address a problem which frustrated me

399
00:16:24,540 --> 00:16:23,170
literally for a year it took me a year

400
00:16:25,740 --> 00:16:24,550
to get to the point of actually doing

401
00:16:27,060 --> 00:16:25,750
anything about it because I was trying

402
00:16:30,720 --> 00:16:27,070
to find someone else that had already

403
00:16:32,820 --> 00:16:30,730
done it mm so I'm look and look how can

404
00:16:34,170 --> 00:16:32,830
we find this and give you feedback on

405
00:16:36,510 --> 00:16:34,180
you know what we think of you plug in

406
00:16:41,250 --> 00:16:36,520
yeah so it said Roberto calm which is

407
00:16:44,790 --> 00:16:41,260
our b ut our calm just five letters

408
00:16:46,380 --> 00:16:44,800
hopefully easy to remember and doors do

409
00:16:49,139 --> 00:16:46,390
searching google for rebuttable work as

410
00:16:51,210 --> 00:16:49,149
well and then you can install it within

411
00:16:52,530 --> 00:16:51,220
a minute very easy to install and then

412
00:16:54,600 --> 00:16:52,540
there are feedback systems in the

413
00:16:56,180 --> 00:16:54,610

program and there's a contact page of

414
00:17:00,389 --> 00:16:56,190
course as well so you can email me and

415
00:17:04,380 --> 00:17:00,399
yeah we're how are things for science

416
00:17:07,110 --> 00:17:04,390
and reason in chile how hopefully not

417
00:17:09,590 --> 00:17:07,120
offending anyone there still they have

418
00:17:12,510 --> 00:17:09,600
this very strong Catholic background and

419
00:17:14,460 --> 00:17:12,520
you know is it perhaps like Spain where

420
00:17:16,919 --> 00:17:14,470
Spain very strong Catholic background

421
00:17:18,299 --> 00:17:16,929
but people use it as more of a way of

422
00:17:20,340 --> 00:17:18,309
getting together in a societal thing

423
00:17:23,069 --> 00:17:20,350
rather than a belief in a creator that

424
00:17:24,360 --> 00:17:23,079
they think about constantly it's

425
00:17:25,799 --> 00:17:24,370
probably too soon for me to say I've

426
00:17:28,079 --> 00:17:25,809
only been there for a few months and I

427
00:17:29,549 --> 00:17:28,089
can't speak Spanish it but there's still

428
00:17:31,950 --> 00:17:29,559
a strong Catholic presence in their

429
00:17:35,190 --> 00:17:31,960
politics still having abortion debates

430
00:17:36,360 --> 00:17:35,200
all the time and and the gay rights have

431
00:17:37,890 --> 00:17:36,370
actually started coming up there as well

432
00:17:39,240 --> 00:17:37,900
as everywhere else but the main thing

433
00:17:40,830 --> 00:17:39,250
that I noticed is walking around the

434
00:17:43,680 --> 00:17:40,840
streets the number of natural health

435
00:17:45,900 --> 00:17:43,690
practitioners tarot card readers on the

436
00:17:47,790 --> 00:17:45,910
streets actually like busking tarot card

437
00:17:49,620 --> 00:17:47,800
readers on the sidewalk when you look

438
00:17:51,660 --> 00:17:49,630

after them is this partially due to the

439
00:17:53,790 --> 00:17:51,670
effects of a dual economy as they would

440
00:17:56,250 --> 00:17:53,800
definitely have yeah yeah almost

441
00:17:58,380 --> 00:17:56,260
certainly but it's still it's shocking

442
00:17:59,490 --> 00:17:58,390
coming from Australia and landing in a

443
00:18:01,080 --> 00:17:59,500
country where people sitting on the

444
00:18:03,630 --> 00:18:01,090
sidewalk getting tarot cards read it's

445
00:18:07,140 --> 00:18:03,640
like you sort of want to scream at them

446
00:18:09,570 --> 00:18:07,150
okay what are you doing but it's quite

447
00:18:10,919 --> 00:18:09,580
common there okay and how long can you

448
00:18:12,240 --> 00:18:10,929
see yourself staying that I mean is it

449
00:18:16,080 --> 00:18:12,250
the kind of country you will fall in

450
00:18:18,030 --> 00:18:16,090
love with you think I don't know every

451
00:18:19,110 --> 00:18:18,040
country has got their good things and

452
00:18:21,090 --> 00:18:19,120
they're bad things it's definitely got a

453
00:18:22,770 --> 00:18:21,100
lot of geographic beauty where we're

454
00:18:25,650 --> 00:18:22,780
living as I mentioned is at the foot of

455
00:18:27,330 --> 00:18:25,660
a volcano on the 20 minute drive to ski

456
00:18:28,110 --> 00:18:27,340
field where you have your secret roboto

457
00:18:31,020 --> 00:18:28,120
base

458
00:18:32,610 --> 00:18:31,030
it's under construction right so leave

459
00:18:36,090 --> 00:18:32,620
those you've got the first couple of

460
00:18:37,080 --> 00:18:36,100
steps done here actually I inspected the

461
00:18:40,230 --> 00:18:37,090
side I walked at the top of the volcano

462
00:18:43,590 --> 00:18:40,240
and looked down the hole but yeah that

463
00:18:45,510 --> 00:18:43,600

is so cool so as yet Tia graphically

464
00:18:47,520 --> 00:18:45,520
it's an amazing country now this is the

465
00:18:49,230 --> 00:18:47,530
kind of this almost like grassroots

466
00:18:51,060 --> 00:18:49,240
activism because you saw something that

467
00:18:54,270 --> 00:18:51,070
needs to be done and you went ahead and

468
00:18:55,440 --> 00:18:54,280
designed it what made that leap you said

469
00:18:56,940 --> 00:18:55,450
you saw that article that really pissed

470
00:18:59,220 --> 00:18:56,950
you off that you really want to see

471
00:19:00,960 --> 00:18:59,230
something um most people got yet and

472
00:19:02,460 --> 00:19:00,970
then they go back to watching a current

473
00:19:04,650 --> 00:19:02,470
affair or something like that or you

474
00:19:06,480 --> 00:19:04,660
know it Australia's biggest loser which

475
00:19:08,460 --> 00:19:06,490
is usually me so I don't why people are

476
00:19:09,900 --> 00:19:08,470
watching that but to what what is that

477
00:19:11,850 --> 00:19:09,910
what is the thing that drives you to

478
00:19:13,320 --> 00:19:11,860
actually get up off your bahini and go

479
00:19:15,030 --> 00:19:13,330
and do something then I get passionate

480
00:19:17,430 --> 00:19:15,040
about something for a period of time and

481
00:19:21,120 --> 00:19:17,440
I work my butt off on it because I it

482
00:19:22,530 --> 00:19:21,130
feels worthwhile to me I am if anything

483
00:19:23,970 --> 00:19:22,540
i struggle with just sort of sitting

484
00:19:25,500 --> 00:19:23,980
down and doing monotonous boring things

485
00:19:27,390 --> 00:19:25,510
repetitively what I'm great at is going

486
00:19:31,380 --> 00:19:27,400
that needs doing and getting on with it

487
00:19:32,970 --> 00:19:31,390
and in this particular case like I said

488
00:19:34,170 --> 00:19:32,980

spent a year trying to find some ones

489
00:19:35,550 --> 00:19:34,180
that did it done it for me you already

490
00:19:38,610 --> 00:19:35,560
because I was busy enough working on

491
00:19:40,650 --> 00:19:38,620
other projects I had and then the you're

492
00:19:42,690 --> 00:19:40,660
suggesting that we we harness oh right

493
00:19:45,030 --> 00:19:42,700
just ignatian while it's at its height

494
00:19:47,880 --> 00:19:45,040
and rider yeah and then because what

495
00:19:49,530 --> 00:19:47,890
happened is I actually kept coming back

496
00:19:51,690 --> 00:19:49,540
to me the idea kept coming back for that

497
00:19:52,740 --> 00:19:51,700
year and then one day I was sitting

498
00:19:54,540 --> 00:19:52,750
there I was meant to be working on

499
00:19:58,340 --> 00:19:54,550
another project with another business

500
00:20:00,480 --> 00:19:58,350
that I have and I spent a weekend like

501
00:20:02,040 --> 00:20:00,490
obsessing over the idea I couldn't get

502
00:20:04,410 --> 00:20:02,050
on my head no it I know what to do I'll

503
00:20:06,540 --> 00:20:04,420
write a blog post about it and I threw

504
00:20:08,340 --> 00:20:06,550
the idea out there I wrote everything I

505
00:20:09,540 --> 00:20:08,350
had planned what I wanted to do how I

506
00:20:10,830 --> 00:20:09,550
wanted it to work where I thought it

507
00:20:12,030 --> 00:20:10,840
would go and all the reasons I thought

508
00:20:13,860 --> 00:20:12,040
it would fail because there's a lot of

509
00:20:15,720 --> 00:20:13,870
difficulties with it it sounds quite

510
00:20:18,030 --> 00:20:15,730
straight forward by the implementation

511
00:20:20,340 --> 00:20:18,040
there's a lot of them a lot of troubles

512
00:20:23,340 --> 00:20:20,350
and so I wrote it and I said he someone

513
00:20:26,580 --> 00:20:23,350

go do this I'm too busy and that's when

514
00:20:27,840 --> 00:20:26,590
I had yeah friend contact me that's a

515
00:20:29,150 --> 00:20:27,850
program we said you know it sounds like

516
00:20:32,070 --> 00:20:29,160
a great idea i'm going to build it and

517
00:20:33,540 --> 00:20:32,080
so we just partnered up and he made it

518
00:20:35,100 --> 00:20:33,550
really quite quickly like a prototype

519
00:20:37,710 --> 00:20:35,110
something that basically worked and

520
00:20:40,140 --> 00:20:37,720
they're just the feedback we got from

521
00:20:42,810 --> 00:20:40,150
that first stage was just overwhelming

522
00:20:44,940 --> 00:20:42,820
I could see use for this in augmented

523
00:20:46,770 --> 00:20:44,950
reality for example i'm rather proudly

524
00:20:48,600 --> 00:20:46,780
wearing a spice girls t-shirt if you had

525
00:20:50,460 --> 00:20:48,610
some augmented reality glasses you could

526
00:20:52,500 --> 00:20:50,470
do that a real time rebuttal with the

527
00:20:54,900 --> 00:20:52,510
glasses couldn't you going that's not

528
00:20:57,090 --> 00:20:54,910
needed in life yeah maybe in the future

529
00:20:58,620 --> 00:20:57,100
is it's you never know how technology is

530
00:20:59,730 --> 00:20:58,630
going to be used and that's that's one

531
00:21:02,520 --> 00:20:59,740
of the cool things that's you know

532
00:21:04,680 --> 00:21:02,530
dawned on me over time is you know we've

533
00:21:06,030 --> 00:21:04,690
built the whole idea start off is this

534
00:21:08,390 --> 00:21:06,040
browser plugin but that's not what we're

535
00:21:10,920 --> 00:21:08,400
building we are building a database of

536
00:21:13,020 --> 00:21:10,930
connections between you know

537
00:21:14,850 --> 00:21:13,030
relationship relational diagram between

538
00:21:16,500 --> 00:21:14,860

rebuttals on the internet and how that's

539
00:21:19,110 --> 00:21:16,510
going to be used even we don't know

540
00:21:21,060 --> 00:21:19,120
someone else will see this resource and

541
00:21:23,700 --> 00:21:21,070
go you know I can do with it I can make

542
00:21:25,830 --> 00:21:23,710
yeah it's vigilant usually showing the

543
00:21:27,030 --> 00:21:25,840
genies out of the bottle now yeah but

544
00:21:28,230 --> 00:21:27,040
it's the thing we've still got to build

545
00:21:30,570 --> 00:21:28,240
it we still got to build that database

546
00:21:32,730 --> 00:21:30,580
and that's all working on now and with a

547
00:21:35,580 --> 00:21:32,740
bit of help will get there and then yeah

548
00:21:37,710 --> 00:21:35,590
over time is up Eon opportunity to be

549
00:21:39,510 --> 00:21:37,720
had for all sorts of people so get to

550
00:21:44,370 --> 00:21:39,520
that website and make your voice down

551
00:21:49,400 --> 00:21:44,380
yeah I'm ramata Roboto com RB you TR and

552
00:21:53,510 --> 00:21:51,830
when we're here in the in the bar which

553
00:21:54,830 --> 00:21:53,520
has become the skeptics power up someone

554
00:21:57,200 --> 00:21:54,840
just came up to me who's a-lister to the

555
00:21:59,390 --> 00:21:57,210
show where were you from Alexandria

556
00:22:03,080 --> 00:21:59,400
Virginia Wow and how did you discover

557
00:22:04,730 --> 00:22:03,090
the skeptic zone I probably through the

558
00:22:06,680 --> 00:22:04,740
skeptics guide to the universe I'm

559
00:22:08,570 --> 00:22:06,690
guessing for Richard Saunders Richard

560
00:22:10,880 --> 00:22:08,580
Saunders being a guest road I know I got

561
00:22:12,440 --> 00:22:10,890
into skeptics on like a year or so ago

562
00:22:15,500 --> 00:22:12,450
and I just went back to the beginning

563
00:22:17,510 --> 00:22:15,510

and listen to all of them from now quite

564
00:22:19,550 --> 00:22:17,520
a podcast listener and but what bore

565
00:22:22,580 --> 00:22:19,560
even to skepticism as well why why did

566
00:22:24,950 --> 00:22:22,590
you turn up at a place like town I I got

567
00:22:28,070 --> 00:22:24,960
first started in skepticism I was

568
00:22:30,500 --> 00:22:28,080
reading psychology books in elementary

569
00:22:32,410 --> 00:22:30,510
school and middle school and I went up

570
00:22:36,380 --> 00:22:32,420
reading Elizabeth Loftus his book on

571
00:22:38,690 --> 00:22:36,390
repressed memories oh yes and from that

572
00:22:41,240 --> 00:22:38,700
I got interested and I wound up taking a

573
00:22:44,180 --> 00:22:41,250
course called science and pseudoscience

574
00:22:47,570 --> 00:22:44,190
in college which turned out to be taught

575
00:22:51,620 --> 00:22:47,580
by chip Denman who is on the board of

576
00:22:53,930 --> 00:22:51,630
directors for the jrf and I threw that I

577
00:22:57,170 --> 00:22:53,940
got involved with skepticism I'm wound

578
00:23:00,320 --> 00:22:57,180
up coming out here and seeing him and

579
00:23:01,490 --> 00:23:00,330
his group put on the Tim I've been

580
00:23:03,830 --> 00:23:01,500
asking everybody what their favorite

581
00:23:09,440 --> 00:23:03,840
paranormal is or the one they love two

582
00:23:12,560 --> 00:23:09,450
hate the most what's yours I guess it

583
00:23:15,500 --> 00:23:12,570
would have to be it'd probably be like

584
00:23:17,930 --> 00:23:15,510
anything to do with medical stuff

585
00:23:21,230 --> 00:23:17,940
because I work in a hospital and when I

586
00:23:23,960 --> 00:23:21,240
see stuff going around right here stuff

587
00:23:25,400 --> 00:23:23,970
from my co-workers I this leads me to my

588
00:23:26,540 --> 00:23:25,410

next question which is always a good one

589
00:23:28,610 --> 00:23:26,550
for skeptics when you're in the

590
00:23:31,460 --> 00:23:28,620
workplace and you can't tell anybody

591
00:23:33,110 --> 00:23:31,470
that hard my french that they're in the

592
00:23:36,180 --> 00:23:33,120
head how do you actually do that

593
00:23:38,970 --> 00:23:36,190
politely in the USA

594
00:23:41,249 --> 00:23:38,980
oh yeah I've had a lot of those

595
00:23:44,549 --> 00:23:41,259
conversations and trying to think what

596
00:23:47,490 --> 00:23:44,559
if I'd done I'm sometimes I'll talk

597
00:23:49,590 --> 00:23:47,500
about some I'll tell them that I'm going

598
00:23:51,330 --> 00:23:49,600
to look something up and I'll tell them

599
00:23:53,159 --> 00:23:51,340
that I found something online and show

600
00:23:54,779 --> 00:23:53,169
it to them how does that usually work

601
00:23:57,869 --> 00:23:54,789
out of a bit stubborn or what are they

602
00:24:00,389 --> 00:23:57,879
happy to take criticism um it depends on

603
00:24:03,899 --> 00:24:00,399
the issue some stuff they'll be really

604
00:24:06,299 --> 00:24:03,909
really stuck on like if it's like I had

605
00:24:09,299 --> 00:24:06,309
one co-worker tell me about we were

606
00:24:11,879 --> 00:24:09,309
talking about diets and sort of health

607
00:24:13,409 --> 00:24:11,889
stuff about losing weight and she said I

608
00:24:16,470 --> 00:24:13,419
don't care if it's dangerous as long as

609
00:24:17,789 --> 00:24:16,480
I look good hmm and I was like I guess

610
00:24:19,860 --> 00:24:17,799
it was it will this submission some

611
00:24:21,299 --> 00:24:19,870
amphetamines over here you cannot eat

612
00:24:24,419 --> 00:24:21,309
and take them for a week you look really

613
00:24:25,980 --> 00:24:24,429

thin I can't argue with that so I just

614
00:24:29,840 --> 00:24:25,990
I'm like okay that's a conversation I

615
00:24:31,700 --> 00:24:29,850
can leave but in another kind of

616
00:24:34,889 --> 00:24:31,710
conversation like if they start

617
00:24:36,690 --> 00:24:34,899
spreading some sort of urban legend or

618
00:24:38,970 --> 00:24:36,700
something I can look that up and show

619
00:24:40,799 --> 00:24:38,980
them that that's not bad or they started

620
00:24:42,990 --> 00:24:40,809
talking about saugus disease because

621
00:24:46,850 --> 00:24:43,000
that became somebody put out an article

622
00:24:50,519 --> 00:24:46,860
saying Jacques diseases the new aids and

623
00:24:52,590 --> 00:24:50,529
yep and I was able to tell him like no

624
00:24:55,169 --> 00:24:52,600
it's if we don't have the insects that

625
00:24:56,369 --> 00:24:55,179
spread it in our part of the u.s. you're

626
00:24:58,649 --> 00:24:56,379
probably not going to get it it's not

627
00:25:01,529 --> 00:24:58,659
aids and I showed him some of the

628
00:25:04,169 --> 00:25:01,539
articles about it and they weren't

629
00:25:06,389 --> 00:25:04,179
freaked out about that anymore so so how

630
00:25:07,710 --> 00:25:06,399
do you go watching us television because

631
00:25:10,019 --> 00:25:07,720
some it's been a few days since I've

632
00:25:12,749 --> 00:25:10,029
been here the television is full of ads

633
00:25:13,649 --> 00:25:12,759
for drugs which from pharmaceutical

634
00:25:15,789 --> 00:25:13,659
companies which we don't have in

635
00:25:18,289 --> 00:25:15,799
Australia they don't allow that yeah

636
00:25:20,450 --> 00:25:18,299
and so it everyone must get very

637
00:25:22,909 --> 00:25:20,460
paranoid this antidepressant says you're

638
00:25:24,049 --> 00:25:22,919

too fat you're too skinny all these ads

639
00:25:26,060 --> 00:25:24,059
so you must be shaking your fist

640
00:25:29,810 --> 00:25:26,070
throwing stuff in the Lambs room at the

641
00:25:32,479 --> 00:25:29,820
telly and I we went we have a TiVo so we

642
00:25:34,969 --> 00:25:32,489
don't really watch commercials but my

643
00:25:36,440 --> 00:25:34,979
boyfriend does get frustrated with me

644
00:25:38,779 --> 00:25:36,450
because I'll start yelling at the TV if

645
00:25:40,729 --> 00:25:38,789
we do get stuck watching something that

646
00:25:43,310 --> 00:25:40,739
is starts talking about stuff like that

647
00:25:45,609 --> 00:25:43,320
where I'll just be like like that's not

648
00:25:47,930 --> 00:25:45,619
make sounds like that's really wrong and

649
00:25:49,519 --> 00:25:47,940
have you got any guilty pleasures is

650
00:25:51,440 --> 00:25:49,529
there a show you like to watch this kind

651
00:25:53,119 --> 00:25:51,450
of amusing because it's so wrong than

652
00:25:54,799 --> 00:25:53,129
like your watch dr. oz every once in a

653
00:25:57,680 --> 00:25:54,809
while or would you tune into an episode

654
00:26:01,369 --> 00:25:57,690
of ancient aliens one of my favorites my

655
00:26:04,369 --> 00:26:01,379
my guilty pleasure would be not in the

656
00:26:08,299 --> 00:26:04,379
sort of war room but uh america's next

657
00:26:10,489 --> 00:26:08,309
top model which i'm also i mean it does

658
00:26:15,999 --> 00:26:10,499
have its moments like they sent them to

659
00:26:17,810 --> 00:26:16,009
a have their horoscopes done in in I

660
00:26:19,279 --> 00:26:17,820
can't remember oh they went this year

661
00:26:20,659 --> 00:26:19,289
but whatever country they went to they

662
00:26:22,940 --> 00:26:20,669
had them do horoscopes and talk about

663
00:26:26,299 --> 00:26:22,950

how they were so right on and they had

664
00:26:28,430 --> 00:26:26,309
to dress to fit their horoscope and also

665
00:26:30,259 --> 00:26:28,440
it's almost the anti skeptical

666
00:26:32,839 --> 00:26:30,269
intellectual way because it's a person

667
00:26:35,659 --> 00:26:32,849
who is physically the most superficial

668
00:26:36,829 --> 00:26:35,669
that's going to do better even though

669
00:26:39,049 --> 00:26:36,839
they have to have a professional outlook

670
00:26:41,329 --> 00:26:39,059
it's all about superficiality and being

671
00:26:43,279 --> 00:26:41,339
able to pretend you're superficial yeah

672
00:26:45,079 --> 00:26:43,289
it's totally shallow and you'll see

673
00:26:47,149 --> 00:26:45,089
people talking about that they left

674
00:26:49,159 --> 00:26:47,159
college or med school to take a break

675
00:26:50,629 --> 00:26:49,169
and do this and you're like that was

676
00:26:53,719 --> 00:26:50,639
terrible and then there you know

677
00:26:57,320 --> 00:26:53,729
fighting over some stupid thing and you

678
00:27:01,639 --> 00:26:57,330
know it's my is my one thing I was ten

679
00:27:04,519 --> 00:27:01,649
this year been for you 2012 I enjoyed a

680
00:27:06,409 --> 00:27:04,529
lot of the panels um I've did you see

681
00:27:08,419 --> 00:27:06,419
dr. rate she doing her stuff you see

682
00:27:10,820 --> 00:27:08,429
Richard Saunders putting it out there

683
00:27:13,249 --> 00:27:10,830
like the man is I did I saw both of them

684
00:27:15,829 --> 00:27:13,259
and i went to see dr. H II in her

685
00:27:16,430 --> 00:27:15,839
workshop the first day too I saw her

686
00:27:19,370 --> 00:27:16,440
last year

687
00:27:21,830 --> 00:27:19,380
you and and I saw them at Saipan last

688
00:27:23,780 --> 00:27:21,840

year so I run into them a fair amount

689
00:27:25,250 --> 00:27:23,790
and huh any chance you're coming down

690
00:27:27,140 --> 00:27:25,260
Australian seeing how we do it in the

691
00:27:29,150 --> 00:27:27,150
real world down there oh we would love

692
00:27:31,610 --> 00:27:29,160
to once we can get up the money to do it

693
00:27:35,690 --> 00:27:31,620
yeah it's a long and often expensive

694
00:27:37,700 --> 00:27:35,700
trip and definitely in the on the wish

695
00:27:38,990 --> 00:27:37,710
list of places to go I'd love to go

696
00:27:40,100 --> 00:27:39,000
there and how did you know it was me by

697
00:27:41,720 --> 00:27:40,110
the way because you don't even listen to

698
00:27:45,020 --> 00:27:41,730
the skeptics own podcast how did you

699
00:27:47,150 --> 00:27:45,030
recognize me hi you I've seen you

700
00:27:50,690 --> 00:27:47,160
sitting at the table and you do have a

701
00:27:55,450 --> 00:27:50,700
name tag around her neck of course now

702
00:27:57,890 --> 00:27:55,460
silly excuse my cognitive dissidence I

703
00:28:00,200 --> 00:27:57,900
was also going to say this that just

704
00:28:02,300 --> 00:28:00,210
reminded me with the M advertising with

705
00:28:04,130 --> 00:28:02,310
drug companies is it's actually gotten a

706
00:28:06,050 --> 00:28:04,140
lot better in the US oh really in the

707
00:28:08,780 --> 00:28:06,060
past the drug companies could give out a

708
00:28:11,900 --> 00:28:08,790
lot of freebies to doctors and pretty

709
00:28:13,700 --> 00:28:11,910
much all your pens would be from drug

710
00:28:17,510 --> 00:28:13,710
companies and my mom's an internist and

711
00:28:19,400 --> 00:28:17,520
she had all sorts of free ends and she

712
00:28:21,860 --> 00:28:19,410
wound up at one point getting a bunch of

713
00:28:23,780 --> 00:28:21,870

free stuff from viagra I actually bought

714
00:28:25,820 --> 00:28:23,790
a viagra pen with me and had a sort of a

715
00:28:28,970 --> 00:28:25,830
leopard print on it was fantastic well

716
00:28:30,950 --> 00:28:28,980
she got a wall clock yes is it rid of

717
00:28:32,630 --> 00:28:30,960
what I'm not I'm not sure she gave it to

718
00:28:34,160 --> 00:28:32,640
her brother as a joke because not

719
00:28:36,230 --> 00:28:34,170
because I put it up in the office at

720
00:28:37,820 --> 00:28:36,240
work it's my clock at work well this is

721
00:28:40,970 --> 00:28:37,830
my favorite part though is what viagra

722
00:28:43,070 --> 00:28:40,980
gave her a planter with like a little

723
00:28:44,230 --> 00:28:43,080
plant inside to that you were supposed

724
00:28:47,530 --> 00:28:44,240
to grow yeah

725
00:28:48,820 --> 00:28:47,540
the plant diet well someone hasn't done

726
00:28:51,400 --> 00:28:48,830
their double-blind test on that have

727
00:28:53,910 --> 00:28:51,410
that now so we were a little worried

728
00:28:55,930 --> 00:28:53,920
about a viagra after the planter died

729
00:28:58,360 --> 00:28:55,940
thank you very much having a chat to us

730
00:29:02,770 --> 00:28:58,370
enjoy what little is left of Tam Tony 12

731
00:29:04,180 --> 00:29:02,780
thank you so much nice meeting you well

732
00:29:07,600 --> 00:29:04,190
just walking along here and then

733
00:29:09,549 --> 00:29:07,610
suddenly surly remix we run spots for

734
00:29:12,220 --> 00:29:09,559
this on the skeptic zone who we got here

735
00:29:14,020 --> 00:29:12,230
hi I'm Amy Davis Roth a lot of people

736
00:29:16,120 --> 00:29:14,030
know me as surly Amy I'm one of the

737
00:29:18,430 --> 00:29:16,130
writers for skeptic I'm also managing

738
00:29:20,140 --> 00:29:18,440

editor for a blog called mad art lab

739
00:29:22,870 --> 00:29:20,150
which is about the intersection between

740
00:29:24,880 --> 00:29:22,880
art science and skepticism know what

741
00:29:26,260 --> 00:29:24,890
would you describe that in one sentence

742
00:29:28,930 --> 00:29:26,270
there but what would that in Section B

743
00:29:30,370 --> 00:29:28,940
well it's all about communication and

744
00:29:33,010 --> 00:29:30,380
it's about being part of a larger

745
00:29:35,380 --> 00:29:33,020
community so we do we see like a lot of

746
00:29:38,200 --> 00:29:35,390
work where artists are trying to explain

747
00:29:40,030 --> 00:29:38,210
the basic scientific processes for

748
00:29:41,919 --> 00:29:40,040
example someone will do a comic that

749
00:29:43,630 --> 00:29:41,929
will explain the Higgs boson and the

750
00:29:46,630 --> 00:29:43,640
search for the Higgs so you can take a

751
00:29:48,370 --> 00:29:46,640
very complex you know scientific idea

752
00:29:50,410 --> 00:29:48,380
and simplify it into art and that way

753
00:29:52,660 --> 00:29:50,420
lay people can understand it better and

754
00:29:54,700 --> 00:29:52,670
what's most difficult jewelry to

755
00:29:56,950 --> 00:29:54,710
represent what's the most I mean let's

756
00:29:59,350 --> 00:29:56,960
see ya entropy that's a pretty hard one

757
00:30:00,880 --> 00:29:59,360
to get across in jewelry a quantum

758
00:30:02,680 --> 00:30:00,890
entanglement that's pretty difficult to

759
00:30:04,360 --> 00:30:02,690
and less the badge swap sides or

760
00:30:06,940 --> 00:30:04,370
something wrong that's very good point

761
00:30:08,680 --> 00:30:06,950
actually quantum electrodynamics things

762
00:30:11,669 --> 00:30:08,690
like that are very difficult but we have

763
00:30:14,770 --> 00:30:11,679

things like Fineman diagrams so we can

764
00:30:16,270 --> 00:30:14,780
explain you know a very complex idea in

765
00:30:17,770 --> 00:30:16,280
a very simple design so i'll have a

766
00:30:20,169 --> 00:30:17,780
fireman diagram which is this a drawing

767
00:30:21,820 --> 00:30:20,179
that shows a positron and an electron

768
00:30:23,169 --> 00:30:21,830
annihilating into a photon and then i've

769
00:30:24,910 --> 00:30:23,179
turned that into a necklace that you can

770
00:30:26,049 --> 00:30:24,920
wear around your neck so when you meet

771
00:30:27,820 --> 00:30:26,059
people that don't understand quantum

772
00:30:29,620 --> 00:30:27,830
electrodynamics i can see that and you

773
00:30:31,240 --> 00:30:29,630
can spark up a conversation and explain

774
00:30:32,350 --> 00:30:31,250
a little bit of science to them yes

775
00:30:33,430 --> 00:30:32,360
because when it was it when i first

776
00:30:36,250 --> 00:30:33,440
heard on this yep there's an event where

777
00:30:38,470 --> 00:30:36,260
how what was the skeptical jewelry now

778
00:30:39,880 --> 00:30:38,480
what is one that you've almost done and

779
00:30:41,500 --> 00:30:39,890
hasn't quite worked you got to take it

780
00:30:42,820 --> 00:30:41,510
back to the artistic drawing board i

781
00:30:44,919 --> 00:30:42,830
think i've had a little bit of

782
00:30:46,780 --> 00:30:44,929
difficulty doing some of the fossils

783
00:30:48,460 --> 00:30:46,790
because nature it does a really good job

784
00:30:49,850 --> 00:30:48,470
of preserving them but it's difficult to

785
00:30:51,110 --> 00:30:49,860
redraw them and recreate

786
00:30:52,340 --> 00:30:51,120
them so that's something that I'm

787
00:30:55,820 --> 00:30:52,350
working on right now I'm doing a lot of

788
00:30:57,740 --> 00:30:55,830

ammonites and I do like Lucy the Lucy

789
00:30:59,360 --> 00:30:57,750
fossil and trilobite things like that

790
00:31:01,400 --> 00:30:59,370
those I'm working on but they're still

791
00:31:03,320 --> 00:31:01,410
fun and they're coming along nicely I

792
00:31:05,210 --> 00:31:03,330
thought I think fractals are a very

793
00:31:06,320 --> 00:31:05,220
beautiful interesting thing and what do

794
00:31:08,840 --> 00:31:06,330
you think is the most beautiful thing in

795
00:31:09,860 --> 00:31:08,850
nature oh wow I know it's a very tough

796
00:31:12,080 --> 00:31:09,870
question that would be absolutely

797
00:31:14,330 --> 00:31:12,090
impossible to decide in fact I'm so

798
00:31:15,799 --> 00:31:14,340
inspired by science and nature that

799
00:31:17,150 --> 00:31:15,809
that's what I base all my designs on

800
00:31:18,560 --> 00:31:17,160
let's narrow it down a bit what do you

801
00:31:21,740 --> 00:31:18,570
think is the most beautiful thing under

802
00:31:25,430 --> 00:31:21,750
a microscope oh I'm a big fan of

803
00:31:27,890 --> 00:31:25,440
bacteria yeah i do i love bacteria and

804
00:31:30,080 --> 00:31:27,900
little single cells and because the most

805
00:31:32,600 --> 00:31:30,090
biological samples are very colorful or

806
00:31:34,310 --> 00:31:32,610
can be made colorful yeah absolutely i'm

807
00:31:36,350 --> 00:31:34,320
a big fan of that and color theory is

808
00:31:38,720 --> 00:31:36,360
really important to my work too so I I

809
00:31:40,640 --> 00:31:38,730
do like the color for pieces a lot I'm

810
00:31:42,080 --> 00:31:40,650
just looking at the the powers of colors

811
00:31:44,900 --> 00:31:42,090
you've got there on the jewelry and now

812
00:31:47,330 --> 00:31:44,910
I'm trying to find a pattern and I can't

813
00:31:48,980 --> 00:31:47,340

really find a pattern or a color one

814
00:31:50,539 --> 00:31:48,990
thing I can't see is I can't see any

815
00:31:52,400 --> 00:31:50,549
really really bright red you've got a

816
00:31:54,080 --> 00:31:52,410
couple of strong Reds now why is that

817
00:31:56,180 --> 00:31:54,090
that is because when you work with

818
00:31:59,270 --> 00:31:56,190
ceramics and your heating the material

819
00:32:00,830 --> 00:31:59,280
up to about 2,000 degrees or higher you

820
00:32:03,530 --> 00:32:00,840
have a really hard time holding on to

821
00:32:06,080 --> 00:32:03,540
the color red and a lot of it is made

822
00:32:08,000 --> 00:32:06,090
from lead and led is something that you

823
00:32:09,770 --> 00:32:08,010
can't really use in a lot of products

824
00:32:11,570 --> 00:32:09,780
because it's dangerous so that's why

825
00:32:14,030 --> 00:32:11,580
it's very difficult to find really

826
00:32:15,500 --> 00:32:14,040
bright reds and ceramics yeah and the

827
00:32:17,090 --> 00:32:15,510
way can we go online and find this and

828
00:32:20,049 --> 00:32:17,100
make some comments on your work go I

829
00:32:24,950 --> 00:32:20,059
look that's not a photorealistic photon

830
00:32:28,039 --> 00:32:24,960
please go to surly romics com s URL yr

831
00:32:29,900 --> 00:32:28,049
am I CFS calm and please leave any

832
00:32:31,400 --> 00:32:29,910
comments and tell me what you think I

833
00:32:32,720 --> 00:32:31,410
should make for my newest designs I'd

834
00:32:33,980 --> 00:32:32,730
love to hear from you from and I hope

835
00:32:35,630 --> 00:32:33,990
that you have a really great time at

836
00:32:50,120 --> 00:32:35,640
your first time it's a great crowd of

837
00:32:54,360 --> 00:32:52,620
the Canadian public has been poorly

838
00:32:56,280 --> 00:32:54,370

served by a government which displays

839
00:32:59,970 --> 00:32:56,290
little respect for objectivity and

840
00:33:01,680 --> 00:32:59,980
science Canadians are taking advantage

841
00:33:03,600 --> 00:33:01,690
of through weak consumer protection

842
00:33:05,610 --> 00:33:03,610
regulations that allow the sale of

843
00:33:08,010 --> 00:33:05,620
products and services that don't work

844
00:33:09,419 --> 00:33:08,020
and our media is all too willing to

845
00:33:11,460 --> 00:33:09,429
report dubious claims without

846
00:33:15,480 --> 00:33:11,470
examination if it will attract readers

847
00:33:17,730 --> 00:33:15,490
and sell advertising individual freedom

848
00:33:19,740 --> 00:33:17,740
of choice is being jeopardized as the

849
00:33:22,799 --> 00:33:19,750
unscrupulous or misinformed attempt to

850
00:33:26,460 --> 00:33:22,809
influence our important decisions it's

851
00:33:28,830 --> 00:33:26,470
time for a change bad science watches a

852
00:33:31,230 --> 00:33:28,840
new activist organization that will

853
00:33:33,150 --> 00:33:31,240
challenge the media advertisers and

854
00:33:34,620 --> 00:33:33,160
politicians when they promote unsound

855
00:33:38,580 --> 00:33:34,630
signs that can threaten the well-being

856
00:33:41,400 --> 00:33:38,590
of Canadians we will provide analysis of

857
00:33:43,950 --> 00:33:41,410
dubious scientific claims to you our

858
00:33:45,810 --> 00:33:43,960
government and the media and campaign

859
00:33:49,350 --> 00:33:45,820
for policy decisions based on the best

860
00:33:52,200 --> 00:33:49,360
evidence available we will take action

861
00:33:53,790 --> 00:33:52,210
to pressure politicians to enforce and

862
00:33:55,310 --> 00:33:53,800
strengthen consumer protection

863
00:33:56,780 --> 00:33:55,320

regulation

864
00:34:00,290 --> 00:33:56,790
we will stand against the exploitation

865
00:34:04,910 --> 00:34:00,300
of you and your family by the peddlers

866
00:34:06,710 --> 00:34:04,920
of bad science you can help us donate

867
00:34:09,140 --> 00:34:06,720
our pledge to support our campaigns and

868
00:34:11,870 --> 00:34:09,150
research efforts join our mailing list

869
00:34:15,220 --> 00:34:11,880
to receive action alerts and help effect

870
00:34:19,780 --> 00:34:15,230
real change tell your friends about us

871
00:34:25,130 --> 00:34:19,790
find out more at bat science watch see a

872
00:34:44,840 --> 00:34:25,140
bad science watch important issues Sam

873
00:34:51,210 --> 00:34:48,480
predicting is so predictable December in

874
00:34:53,669 --> 00:34:51,220
January are generally slow news months

875
00:34:56,250 --> 00:34:53,679
in Australia the Polly's have gone home

876
00:34:58,860 --> 00:34:56,260
the cricket is on TV and we can find

877
00:35:01,110 --> 00:34:58,870
time to relax it can be a testing time

878
00:35:04,170 --> 00:35:01,120
for the media with column inches and

879
00:35:07,710 --> 00:35:04,180
tabloid TV segments to fill but all is

880
00:35:09,780 --> 00:35:07,720
not lost enter the fortune-tellers what

881
00:35:12,740 --> 00:35:09,790
does the year ahead hold for us let's

882
00:35:17,370 --> 00:35:12,750
ask our resident astrologer medium

883
00:35:19,470 --> 00:35:17,380
psychic mystic clairvoyant it can be

884
00:35:22,590 --> 00:35:19,480
hard to keep tabs on all these new-age

885
00:35:23,910 --> 00:35:22,600
sears but luckily for us at the end of

886
00:35:27,360 --> 00:35:23,920
each year in a report entitled

887
00:35:30,030 --> 00:35:27,370
tomorrow's news today in the pages of

888
00:35:32,730 --> 00:35:30,040

the psychic directory magazine members

889
00:35:35,400 --> 00:35:32,740
of the Australian psychic Association

890
00:35:36,810 --> 00:35:35,410
give us their predictions presumably

891
00:35:39,240 --> 00:35:36,820
these people are not your

892
00:35:41,360 --> 00:35:39,250
run-of-the-mill fortune tellers but the

893
00:35:44,840 --> 00:35:41,370
cream of the paranormal industry if

894
00:35:47,910 --> 00:35:44,850
anyone should know the future it's them

895
00:35:50,190 --> 00:35:47,920
most of their visions are about TV and

896
00:35:53,940 --> 00:35:50,200
movie celebrities with names like Nicole

897
00:35:57,990 --> 00:35:53,950
Kidman brad pitt angelina jolie tom

898
00:36:01,440 --> 00:35:58,000
hanks popping up in fact since 2008 no

899
00:36:03,780 --> 00:36:01,450
fewer than 40 stars are mentioned we

900
00:36:07,230 --> 00:36:03,790
find predictions about romance babies

901
00:36:10,650 --> 00:36:07,240
new movies and so on but alas very few

902
00:36:12,360 --> 00:36:10,660
of the many statements came true couples

903
00:36:14,670 --> 00:36:12,370
who were supposed to separate stayed

904
00:36:17,310 --> 00:36:14,680
together twins failed to appear for

905
00:36:19,860 --> 00:36:17,320
other couples Elton John did not have a

906
00:36:23,390 --> 00:36:19,870
major health scare and schapelle corby

907
00:36:25,410 --> 00:36:23,400
was not home in time for Christmas 2011

908
00:36:26,990 --> 00:36:25,420
now I'm not saying that all the

909
00:36:29,250 --> 00:36:27,000
predictions for celebrities were wrong

910
00:36:31,230 --> 00:36:29,260
amongst the very few to be ticked

911
00:36:33,960 --> 00:36:31,240
correct was the death of Elizabeth

912
00:36:36,300 --> 00:36:33,970
Taylor but honestly it was hardly a

913
00:36:39,450 --> 00:36:36,310

surprise oddly enough the death of

914
00:36:41,220 --> 00:36:39,460
Michael Jackson was also foretold only

915
00:36:44,340 --> 00:36:41,230
it was by the well-known American

916
00:36:45,900 --> 00:36:44,350
skeptic rebecca watson the Royals are

917
00:36:48,870 --> 00:36:45,910
always mentioned in these predictions

918
00:36:52,470 --> 00:36:48,880
and we must spare a thought for our dear

919
00:36:55,320 --> 00:36:52,480
queen who abdicated in 2011 and will

920
00:36:56,849 --> 00:36:55,330
again in 2013 William and Kate are

921
00:37:01,769 --> 00:36:56,859
expecting

922
00:37:04,799 --> 00:37:01,779
will indeed be parents a vital

923
00:37:07,049 --> 00:37:04,809
ingredient when casting a third eye into

924
00:37:09,390 --> 00:37:07,059
the future is to conjure up one or two

925
00:37:12,930 --> 00:37:09,400
predictions from left field things that

926
00:37:15,720 --> 00:37:12,940
are not likely to come true but just

927
00:37:18,109 --> 00:37:15,730
like putting all your chips on black 13

928
00:37:21,509 --> 00:37:18,119
once in a while you'll hit a winner

929
00:37:23,220 --> 00:37:21,519
finally near enough is good enough a

930
00:37:26,160 --> 00:37:23,230
prediction of an earthquake in

931
00:37:29,960 --> 00:37:26,170
California these happen every single day

932
00:37:34,079 --> 00:37:29,970
of the year that will occur in mid-july

933
00:37:36,839 --> 00:37:34,089
2010 causing havoc particularly in San

934
00:37:39,299 --> 00:37:36,849
Francisco was credited as a hit but

935
00:37:41,729 --> 00:37:39,309
following year the earthquake that shook

936
00:37:46,680 --> 00:37:41,739
California on the seventh of July was a

937
00:37:49,920 --> 00:37:46,690
magnitude 5.4 residents of California

938
00:37:52,410 --> 00:37:49,930

would say so what a rough count of the

939
00:37:56,009 --> 00:37:52,420
300 or thereabouts-- predictions made

940
00:37:58,319 --> 00:37:56,019
since 2007 gives us about an eight

941
00:38:00,690 --> 00:37:58,329
percent success rate this figure can be

942
00:38:03,479 --> 00:38:00,700
argued as many predictions are vague and

943
00:38:06,569 --> 00:38:03,489
open to interpretation but after the

944
00:38:08,430 --> 00:38:06,579
event the bottom line is that most of

945
00:38:11,660 --> 00:38:08,440
what is predicted doesn't happen and

946
00:38:14,700 --> 00:38:11,670
most of what happens is not predicted

947
00:38:17,460 --> 00:38:14,710
the list of major events overlooked his

948
00:38:19,799 --> 00:38:17,470
endless such as a certain prime minister

949
00:38:22,979 --> 00:38:19,809
being shown the door and a certain young

950
00:38:25,229 --> 00:38:22,989
redhead taking his place if this were

951
00:38:27,739 --> 00:38:25,239
any other industry the people concerned

952
00:38:30,599 --> 00:38:27,749
would be sacked for lack of performance

953
00:38:33,029 --> 00:38:30,609
now I'm not saying that many people take

954
00:38:34,920 --> 00:38:33,039
all this seriously it's like a sort of a

955
00:38:37,710 --> 00:38:34,930
guilty pleasure to pretend to have a

956
00:38:39,180 --> 00:38:37,720
sneaky look into the future as long as

957
00:38:41,759 --> 00:38:39,190
it's billed as entertainment then oh

958
00:38:46,620 --> 00:38:41,769
well and fine and it's only silly fun

959
00:38:48,660 --> 00:38:46,630
for the silly season only it's not the

960
00:38:49,950 --> 00:38:48,670
psychic directory magazine certainly

961
00:38:53,759 --> 00:38:49,960
gives the impression that these

962
00:38:57,930 --> 00:38:53,769
predictions are real and disclaimers are

963
00:38:59,880 --> 00:38:57,940

not given on the tabloid TV segments you

964
00:39:03,120 --> 00:38:59,890
can also bet that each of the people

965
00:39:05,279 --> 00:39:03,130
making those predictions also makes most

966
00:39:07,470 --> 00:39:05,289
or part of their living from giving

967
00:39:09,990 --> 00:39:07,480
private readings where it's all treated

968
00:39:14,250 --> 00:39:10,000
as if it were very real indeed

969
00:39:16,950 --> 00:39:14,260
life is about uncertainty it's the core

970
00:39:20,130 --> 00:39:16,960
of reality and makes life both wonderful

971
00:39:22,890 --> 00:39:20,140
and awful will I meet the person of my

972
00:39:25,850 --> 00:39:22,900
dreams where am I going to be in five

973
00:39:28,860 --> 00:39:25,860
years time will it be a boy or a girl

974
00:39:31,200 --> 00:39:28,870
who will win the cricket who will be our

975
00:39:34,500 --> 00:39:31,210
next prime minister will my mother

976
00:39:37,440 --> 00:39:34,510
survived the operation what day will I

977
00:39:39,210 --> 00:39:37,450
die if it did turn out that someone

978
00:39:42,170 --> 00:39:39,220
could really see what the future held

979
00:39:44,610 --> 00:39:42,180
for us it would cause a dramatic and

980
00:39:47,700 --> 00:39:44,620
fundamental change to our lives and

981
00:39:50,040 --> 00:39:47,710
society in general I predict that would

982
00:39:54,320 --> 00:39:50,050
be a world in which I would not want to

983
00:39:58,710 --> 00:39:54,330
live the 10 golden rules of predictions

984
00:40:02,520 --> 00:39:58,720
one make lots of predictions some are

985
00:40:05,550 --> 00:40:02,530
bound to come true to make lots of vague

986
00:40:09,180 --> 00:40:05,560
predictions and mix in a few specific

987
00:40:11,850 --> 00:40:09,190
ones three throw in some unlikely

988
00:40:16,200 --> 00:40:11,860

predictions once in a while some of them

989
00:40:20,130 --> 00:40:16,210
are bound to come true for did I mention

990
00:40:22,560 --> 00:40:20,140
make lots of predictions five talk about

991
00:40:24,720 --> 00:40:22,570
natural disasters especially floods and

992
00:40:26,760 --> 00:40:24,730
earthquakes they happen every month of

993
00:40:31,260 --> 00:40:26,770
the year around the world in some form

994
00:40:33,120 --> 00:40:31,270
or other six make sure you sprinkle your

995
00:40:35,100 --> 00:40:33,130
predictions with things that are on the

996
00:40:37,560 --> 00:40:35,110
cards for any given year such as

997
00:40:42,000 --> 00:40:37,570
political unrest or the death of older

998
00:40:46,100 --> 00:40:42,010
celebrities or Royals seven crow about

999
00:40:48,600 --> 00:40:46,110
the predictions that do come true eight

1000
00:40:51,000 --> 00:40:48,610
don't worry about the predictions that

1001
00:40:53,790 --> 00:40:51,010
don't come true they will not be checked

1002
00:40:55,770 --> 00:40:53,800
by the media if they are just say I

1003
00:41:00,000 --> 00:40:55,780
never said I was one hundred percent

1004
00:41:03,390 --> 00:41:00,010
accurate or I can only go on what the

1005
00:41:06,750 --> 00:41:03,400
cards or the spirits or the stars tell

1006
00:41:09,540 --> 00:41:06,760
me nine fudge those predictions that are

1007
00:41:12,030 --> 00:41:09,550
partly true or can be reworked in the

1008
00:41:15,600 --> 00:41:12,040
light of hindsight this is also known as

1009
00:41:18,390 --> 00:41:15,610
retrofitting 10 remember you are

1010
00:41:21,960 --> 00:41:18,400
unaccountable make up whatever you want

1011
00:41:23,940 --> 00:41:21,970
oh and one last rule for the media

1012
00:41:26,430 --> 00:41:23,950
don't go back and check last year's

1013
00:41:41,599 --> 00:41:26,440

predictions it's a lot of work to

1014
00:41:47,760 --> 00:41:44,520
I'm courses hello an ally dodged into

1015
00:41:49,320 --> 00:41:47,770
her letter skeptics on podcasts boosted

1016
00:41:51,420 --> 00:41:49,330
here does is often dodge Manannan

1017
00:41:53,849 --> 00:41:51,430
skeptic a fab and gift for vital

1018
00:41:58,800 --> 00:41:53,859
information ribbons on the skeptic

1019
00:42:03,180 --> 00:41:58,810
magazine reserved vvv point gavey OOP a

1020
00:42:06,330 --> 00:42:03,190
punk talk hv dejala vvv won't give a

1021
00:42:24,150 --> 00:42:06,340
rupee Potok on danzo off it say on

1022
00:42:29,559 --> 00:42:26,620
thank you for listening to the skeptics

1023
00:42:32,380 --> 00:42:29,569
on next week's episode all going well

1024
00:42:34,750 --> 00:42:32,390
we'll come to you from sunny California

1025
00:42:37,030 --> 00:42:34,760
and very soon I'll be catching up with

1026
00:42:39,940 --> 00:42:37,040
brian dunning everybody's favorite

1027
00:42:42,880 --> 00:42:39,950
podcaster Brian Dunning from skip dude

1028
00:42:44,140 --> 00:42:42,890
calm I think there's a hot tub lined up

1029
00:42:46,450 --> 00:42:44,150
we're going to have a think tank in the

1030
00:42:49,150 --> 00:42:46,460
hot tub and then I'm going on a little

1031
00:42:51,040 --> 00:42:49,160
adventure called skeptics in the Jeep I

1032
00:42:55,210 --> 00:42:51,050
think there's a Facebook page for that

1033
00:42:57,089 --> 00:42:55,220
skeptics in the Jeep all coming up thank

1034
00:42:59,829 --> 00:42:57,099
you for listening once again but until

1035
00:43:02,740 --> 00:42:59,839
until next week from California this is

1036
00:43:08,680 --> 00:43:02,750
Richard Saunders signing off from Sydney

1037
00:43:13,359 --> 00:43:08,690
Australia you've been listening to the

1038
00:43:17,200 --> 00:43:13,369

skeptic zone visit our website at www