

1
00:00:06,009 --> 00:00:13,679
welcome to the skeptic zone the podcast

2
00:00:09,099 --> 00:00:13,679
from Australia for science and reason

3
00:00:22,329 --> 00:00:29,899
yes it's the skeptic Zone episode number

4
00:00:25,539 --> 00:00:31,579
284 for the 30th of March 2014 Richard

5
00:00:29,899 --> 00:00:34,820
Saunders here with you from Sydney

6
00:00:31,579 --> 00:00:39,739
Australia and I just I noticed the other

7
00:00:34,820 --> 00:00:41,899
day the new Russell Crowe movie Noah has

8
00:00:39,738 --> 00:00:43,578
opened its very appropriate I think

9
00:00:41,899 --> 00:00:46,730
because in the last week here in Sydney

10
00:00:43,579 --> 00:00:48,439
we've had a biblical flood well we've

11
00:00:46,729 --> 00:00:54,109
had lots of rain I'll put it that way

12
00:00:48,439 --> 00:00:57,229
and I happened to be last Monday driving

13
00:00:54,109 --> 00:01:01,280
down through Sydney to the south coast

14
00:00:57,229 --> 00:01:03,529
of is it my mother and the heavens

15
00:01:01,280 --> 00:01:06,019
opened that some biblical references

16
00:01:03,530 --> 00:01:07,939
today yes it was incredible one of the

17
00:01:06,019 --> 00:01:10,280
worst driving conditions I've ever seen

18
00:01:07,938 --> 00:01:11,989
in my life but you don't want to hear

19
00:01:10,280 --> 00:01:13,368
about that no no no you want to hear

20
00:01:11,989 --> 00:01:16,489
about what's coming up on the skeptic

21
00:01:13,368 --> 00:01:19,218
zone this week we travel to Mars once

22
00:01:16,489 --> 00:01:23,949
again with our good friend dr. Bashir de

23
00:01:19,218 --> 00:01:26,748
Sam who was aa in the past week or so

24
00:01:23,950 --> 00:01:29,560
locked away in the Utah desert into Mars

25
00:01:26,748 --> 00:01:33,289
simulation now some skeptics on earth

26
00:01:29,560 --> 00:01:36,618
listen to sent dr. subs and my questions

27
00:01:33,289 --> 00:01:38,599
and he replies this week on the skeptic

28
00:01:36,618 --> 00:01:40,700
zone so he learned a little bit more

29

00:01:38,599 --> 00:01:45,349
about what it's like for him and his

30
00:01:40,700 --> 00:01:47,389
team is crew to be simulating a mission

31
00:01:45,349 --> 00:01:49,998
to Mars that's coming up at the top of

32
00:01:47,388 --> 00:01:53,138
the show following that it's some media

33
00:01:49,998 --> 00:01:56,568
Clips some media clips in the past week

34
00:01:53,138 --> 00:02:00,289
this been some stats released here in

35
00:01:56,569 --> 00:02:02,629
Australia about the areas where there

36
00:02:00,289 --> 00:02:04,549
are pockets of very low vaccination and

37
00:02:02,629 --> 00:02:06,920
this made the news there were lots of

38
00:02:04,549 --> 00:02:09,379
comment we're going to hear a radio clip

39
00:02:06,920 --> 00:02:11,330
with a comment comment from the shadow

40
00:02:09,379 --> 00:02:14,269
minister of healthier and new south

41
00:02:11,330 --> 00:02:16,160
wales which I think you'll find quite

42
00:02:14,270 --> 00:02:19,280
blunt and then we're going to hear a

43
00:02:16,159 --> 00:02:22,098

clip from a show a TV show called studio

44

00:02:19,280 --> 00:02:24,169

10 which is a tape right here in Sydney

45

00:02:22,098 --> 00:02:27,109

I've actually been in the audience for

46

00:02:24,169 --> 00:02:28,159

studio tenants it's a lot of fun it's a

47

00:02:27,110 --> 00:02:29,990

sort of an infant

48

00:02:28,159 --> 00:02:34,189

you're chatting sort of morning type

49

00:02:29,990 --> 00:02:36,610

show but wow wait till you hear what one

50

00:02:34,189 --> 00:02:39,770

of their regular hosts Joe Hildebrand

51

00:02:36,610 --> 00:02:41,750

has to say about the vaccination issue

52

00:02:39,770 --> 00:02:44,810

the other voices you'll hear are either

53

00:02:41,750 --> 00:02:47,419

but Rose Sarah Harris and jessica rowe

54

00:02:44,810 --> 00:02:49,099

but Joe Hildebrand certainly doesn't

55

00:02:47,419 --> 00:02:52,809

pull any punches and I think you'll find

56

00:02:49,099 --> 00:02:55,400

the audio quite entertaining and

57

00:02:52,810 --> 00:02:58,430

following that a message from our good

58
00:02:55,400 --> 00:03:01,010
friend Bob blaskowitz regarding the

59
00:02:58,430 --> 00:03:03,200
Burzynski clinic and a new petition

60
00:03:01,009 --> 00:03:06,340
that's been set up some very interesting

61
00:03:03,199 --> 00:03:10,629
and important news I think you'll agree

62
00:03:06,340 --> 00:03:14,449
the continuing saga of the Pierzynski

63
00:03:10,629 --> 00:03:16,629
clinic and then for a change of pace at

64
00:03:14,449 --> 00:03:18,949
the other night here in Sydney we had a

65
00:03:16,629 --> 00:03:20,769
Australian skeptics dinner we have them

66
00:03:18,949 --> 00:03:24,199
four times a year it's a great turnout

67
00:03:20,770 --> 00:03:26,360
lovely dinner and a good talk from catan

68
00:03:24,199 --> 00:03:29,509
Joshi about he called it anything

69
00:03:26,360 --> 00:03:32,330
syndrome sort of like wind farm syndrome

70
00:03:29,509 --> 00:03:34,149
or cell phone tower syndrome or mobile

71
00:03:32,330 --> 00:03:36,320
phones and Romans would say in Australia

72
00:03:34,150 --> 00:03:38,300
anyway he gave an interesting talk

73
00:03:36,319 --> 00:03:40,400
before he gave his talk I spoke to the

74
00:03:38,300 --> 00:03:42,800
dinner crowd and I thought I'd include

75
00:03:40,400 --> 00:03:44,870
that in this episode of the zone serif

76
00:03:42,800 --> 00:03:46,070
you weren't then we're wondering what

77
00:03:44,870 --> 00:03:48,640
looks like to go to an Australian

78
00:03:46,069 --> 00:03:51,769
skeptics dinner meeting you'll get a

79
00:03:48,639 --> 00:03:54,199
taste of it what do we talk about what

80
00:03:51,770 --> 00:03:55,880
do I say find out later on following

81
00:03:54,199 --> 00:03:57,199
that it's a Wigan science from our good

82
00:03:55,879 --> 00:04:01,370
friends at the Royal Institution of

83
00:03:57,199 --> 00:04:03,109
Australia www are I a USDA you and I

84
00:04:01,370 --> 00:04:06,170
noticed their director dr. Paul Willis

85
00:04:03,110 --> 00:04:08,420
who has heard many times on the skeptic

86

00:04:06,169 --> 00:04:10,329
zone he's been swirling around the

87
00:04:08,419 --> 00:04:13,009
Antarctic looking at penguins and

88
00:04:10,330 --> 00:04:16,549
interesting things lately I I think I

89
00:04:13,009 --> 00:04:18,289
think when he gets back we might we

90
00:04:16,548 --> 00:04:20,719
might line up an interview with dr.

91
00:04:18,290 --> 00:04:22,490
Willis I he tells me he's been to the

92
00:04:20,720 --> 00:04:23,690
Antarctic many times he tells me once he

93
00:04:22,490 --> 00:04:27,980
went down there and he found a

94
00:04:23,689 --> 00:04:32,360
plesiosaur as you do then to round off

95
00:04:27,980 --> 00:04:35,330
the show it's a message from scam watch

96
00:04:32,360 --> 00:04:37,910
from the a Triple C scam watch they put

97
00:04:35,329 --> 00:04:39,680
out a newsletter which I get every now

98
00:04:37,910 --> 00:04:41,870
and then it's very good advice this is

99
00:04:39,680 --> 00:04:45,079
all about something I think is a world

100
00:04:41,870 --> 00:04:47,660

a problem this is uh this is scammers

101

00:04:45,079 --> 00:04:51,199

ringing you up and telling you your

102

00:04:47,660 --> 00:04:53,840

computers infected with a virus so I'll

103

00:04:51,199 --> 00:04:57,170

read out the advice from the Australian

104

00:04:53,839 --> 00:04:59,449

Government's scam watch and as I talk

105

00:04:57,170 --> 00:05:01,580

the rain has come back I can just hear

106

00:04:59,449 --> 00:05:03,529

it pattering on the roof I better run

107

00:05:01,579 --> 00:05:07,550

downstairs and make sure my Arcas

108

00:05:03,529 --> 00:05:10,519

stopped stopped with lots of a cat food

109

00:05:07,550 --> 00:05:14,230

for Fred the cat will I do that I hope

110

00:05:10,519 --> 00:05:14,229

you enjoy the skeptic zone

111

00:05:35,860 --> 00:05:37,889

Oh

112

00:05:42,560 --> 00:05:48,420

as I record this in the desert of Utah

113

00:05:45,360 --> 00:05:51,420

rat the Mars desert Research Station

114

00:05:48,420 --> 00:05:54,720

crew 138 are running an analog Mars

115
00:05:51,420 --> 00:05:57,840
mission testing to see if they can live

116
00:05:54,720 --> 00:06:00,750
together work together in a Mars like

117
00:05:57,839 --> 00:06:02,429
environment a little habitat when they

118
00:06:00,750 --> 00:06:05,129
leave the habitat that it must be

119
00:06:02,430 --> 00:06:07,699
encased in a full space suit well our

120
00:06:05,129 --> 00:06:10,889
friend dr. Bashir Assad is the crew

121
00:06:07,699 --> 00:06:13,289
biologist and science officer a couple

122
00:06:10,889 --> 00:06:15,870
of weeks ago I asked listeners of the

123
00:06:13,290 --> 00:06:18,720
skeptical zone to send questions to dr.

124
00:06:15,870 --> 00:06:22,319
saab and here are some questions with

125
00:06:18,720 --> 00:06:25,830
his answers direct from Mars you're the

126
00:06:22,319 --> 00:06:28,349
next best thing Colleen from Oxford in

127
00:06:25,829 --> 00:06:31,229
England right hello doctor Saab and

128
00:06:28,350 --> 00:06:34,140
most of the people with you men or women

129
00:06:31,230 --> 00:06:35,910
does it make things awkward do you think

130
00:06:34,139 --> 00:06:45,750
you could live for months with the same

131
00:06:35,910 --> 00:06:49,080
people okay thanks to your question i'm

132
00:06:45,750 --> 00:06:51,660
outside on ed right now you might hear a

133
00:06:49,079 --> 00:06:56,279
little bit of echo of my voice and I'm

134
00:06:51,660 --> 00:07:00,180
responding to your question about the

135
00:06:56,279 --> 00:07:02,969
makeup of the crew mostly man or mostly

136
00:07:00,180 --> 00:07:06,959
women what entirely depends on the crew

137
00:07:02,970 --> 00:07:10,560
in my case we have four men we have two

138
00:07:06,959 --> 00:07:13,709
women crew commander is female hostage

139
00:07:10,560 --> 00:07:16,350
Amy the crew geologist is female as

140
00:07:13,709 --> 00:07:19,168
Johanna and the rest of us the executive

141
00:07:16,350 --> 00:07:21,600
officer why just myself who are

142
00:07:19,168 --> 00:07:24,448
engineering and the crew journalist in

143

00:07:21,600 --> 00:07:27,150
our case we were all men

144
00:07:24,449 --> 00:07:30,419
it's not awkward at all with these

145
00:07:27,149 --> 00:07:32,188
people and I'm not sure if the gender of

146
00:07:30,418 --> 00:07:34,859
the person would render things more

147
00:07:32,189 --> 00:07:38,218
awkward or less awkward I'd rather the

148
00:07:34,860 --> 00:07:41,009
personality and in our case we have a

149
00:07:38,218 --> 00:07:47,879
bunch of people who are pretty cool

150
00:07:41,009 --> 00:07:50,520
pretty chill pretty smart and I guess we

151
00:07:47,879 --> 00:07:55,770
all share our vision that going to Mars

152
00:07:50,519 --> 00:07:59,788
something worthwhile and I think that I

153
00:07:55,769 --> 00:08:04,079
could live with these same people for a

154
00:07:59,788 --> 00:08:05,699
long period of time and all honesty

155
00:08:04,079 --> 00:08:08,550
would probably be easier for me to live

156
00:08:05,699 --> 00:08:16,439
with them looking for their to live with

157
00:08:08,550 --> 00:08:19,588

me I'm pretty happy guy here's a

158

00:08:16,439 --> 00:08:22,889

question from Victoria in Perth Western

159

00:08:19,588 --> 00:08:26,759

Australia hi I have a question for you

160

00:08:22,889 --> 00:08:28,740

bash are you bonkers if so do you think

161

00:08:26,759 --> 00:08:32,969

that might help you on a trip to Mars

162

00:08:28,740 --> 00:08:36,089

good luck this is an answer to a

163

00:08:32,969 --> 00:08:40,440

question from Perth Australia from a

164

00:08:36,089 --> 00:08:44,910

woman named Victoria she asked me if I

165

00:08:40,440 --> 00:08:46,300

am bunkers all there is no I don't think

166

00:08:44,909 --> 00:08:51,009

so

167

00:08:46,299 --> 00:08:57,579

maybe a little bit out there out of the

168

00:08:51,009 --> 00:08:58,990

box but I'm I'm not crazy and do I think

169

00:08:57,580 --> 00:09:04,139

that being bankers would help somebody

170

00:08:58,990 --> 00:09:04,139

on a mission tomorrow's absolutely not

171

00:09:04,589 --> 00:09:11,470

what you need to have is somebody who is

172
00:09:06,899 --> 00:09:14,049
stable somebody who can endure things

173
00:09:11,470 --> 00:09:18,100
and somebody who can take serious

174
00:09:14,049 --> 00:09:23,588
situation seriously and address reality

175
00:09:18,100 --> 00:09:28,920
as opposed to their imagination however

176
00:09:23,589 --> 00:09:32,500
I will say then I'm very playful and

177
00:09:28,919 --> 00:09:37,419
that playfulness at times can come

178
00:09:32,500 --> 00:09:41,350
across rather eccentric and I do believe

179
00:09:37,419 --> 00:09:45,490
this eccentricity this playfulness will

180
00:09:41,350 --> 00:09:49,060
benefit me on a trip to Mars I will

181
00:09:45,490 --> 00:09:51,750
benefit me when I'm living there because

182
00:09:49,059 --> 00:09:51,750
things will be

183
00:09:51,980 --> 00:09:57,440
very different and how they are on earth

184
00:09:55,179 --> 00:10:01,129
but the men when I'm walking around and

185
00:09:57,440 --> 00:10:03,550
I have a full space suit on I've been

186
00:10:01,129 --> 00:10:09,169
here for 10 days or so and I haven't

187
00:10:03,549 --> 00:10:13,549
gone outside without went on and I just

188
00:10:09,169 --> 00:10:15,799
think it's fun i play with it and

189
00:10:13,549 --> 00:10:21,679
honestly I forget that I'm even wearing

190
00:10:15,799 --> 00:10:26,359
it and why I do miss having the Sun

191
00:10:21,679 --> 00:10:31,099
directly on my skin I know what I'm

192
00:10:26,360 --> 00:10:35,830
doing carries agreed a purpose then that

193
00:10:31,100 --> 00:10:35,830
enjoyment at least for me

194
00:10:38,850 --> 00:10:45,028
a question from Leon in Berlin hi bash

195
00:10:42,299 --> 00:10:48,448
may I ask you how you spend your free

196
00:10:45,028 --> 00:10:50,639
time in the station do you look at TV do

197
00:10:48,448 --> 00:10:54,328
you have an xbox or something or is all

198
00:10:50,639 --> 00:10:59,730
your time used for science okay Leon

199
00:10:54,328 --> 00:11:01,948
this is for fun we often sit around

200

00:10:59,730 --> 00:11:03,569
after dinner and play cards we don't

201
00:11:01,948 --> 00:11:04,948
have a TV we don't have an xbox or

202
00:11:03,568 --> 00:11:06,479
anything like that in theory we could

203
00:11:04,948 --> 00:11:09,599
play some computer games but we don't

204
00:11:06,480 --> 00:11:13,220
bother we like to dick around with the

205
00:11:09,600 --> 00:11:15,629
card games and sometimes we'll even like

206
00:11:13,220 --> 00:11:18,240
maybe discuss science or something like

207
00:11:15,629 --> 00:11:21,028
that maybe you think it's dry but it's

208
00:11:18,240 --> 00:11:26,039
pretty fun of me I pass I don't have

209
00:11:21,028 --> 00:11:27,750
anything I'm already recording this is

210
00:11:26,039 --> 00:11:29,689
for Mark who's asked us what we hope to

211
00:11:27,750 --> 00:11:32,039
learn they will start with the crew

212
00:11:29,690 --> 00:11:34,410
journalists um that's the crew

213
00:11:32,039 --> 00:11:37,068
journalist um i really don't i didn't

214
00:11:34,409 --> 00:11:40,230

really set up with a big objective

215

00:11:37,068 --> 00:11:41,759

objective I just wanted to focus on

216

00:11:40,230 --> 00:11:44,610

documenting what it was like for this

217

00:11:41,759 --> 00:11:47,550

crew to you know band of six strangers

218

00:11:44,610 --> 00:11:51,589

to come together and carry out their

219

00:11:47,549 --> 00:11:54,088

experiments and work for two weeks with

220

00:11:51,589 --> 00:11:59,310

basically off strangers what's your name

221

00:11:54,089 --> 00:12:03,509

Jimmy Oh Jim Urquhart okay then we'll

222

00:11:59,309 --> 00:12:05,698

move on to crew geologist um hi I'm the

223

00:12:03,509 --> 00:12:09,778

crew geologist my name is Johanna Hoyt

224

00:12:05,698 --> 00:12:12,838

and the project that I'd put together to

225

00:12:09,778 --> 00:12:16,198

work on while at the Mars desert

226

00:12:12,839 --> 00:12:18,149

Research Station is to evaluate the

227

00:12:16,198 --> 00:12:21,659

resolution at which you can map

228

00:12:18,149 --> 00:12:24,929

geologically via google earth and so far

229
00:12:21,659 --> 00:12:27,360
it's going well sweet so have you

230
00:12:24,929 --> 00:12:32,250
learned what you hope to I believe I

231
00:12:27,360 --> 00:12:37,139
have all right and I would go with

232
00:12:32,250 --> 00:12:39,450
with with our executive officer hola

233
00:12:37,139 --> 00:12:42,120
todos min embrace a bit raw mango salad

234
00:12:39,450 --> 00:12:44,370
y una de las trissy palace cosas que you

235
00:12:42,120 --> 00:12:46,740
need o prender en esta misión de

236
00:12:44,370 --> 00:12:49,350
simulation déclaration de marte esa

237
00:12:46,740 --> 00:12:51,810
justamente las consider a Sione's que se

238
00:12:49,350 --> 00:12:54,629
deben tener para tener una misión tip

239
00:12:51,809 --> 00:12:57,539
you lada ya que son muy diferentes a las

240
00:12:54,629 --> 00:13:00,960
misiones no to pilladas soo do you find

241
00:12:57,539 --> 00:13:02,730
a fancy salsa en say no todavía pero

242
00:13:00,960 --> 00:13:09,320
bueno esprit mohsen estos últimos días

243
00:13:02,730 --> 00:13:11,940
ver que que pesado oh I vdd say yo name

244
00:13:09,320 --> 00:13:15,770
auntie mine embrace a habit Roman

245
00:13:11,940 --> 00:13:19,890
Gonzalez SI pero super nas Foucault to

246
00:13:15,769 --> 00:13:27,600
cruise engineer hola me llamo es

247
00:13:19,889 --> 00:13:29,879
cheeburger salir de aqui my name's Jay

248
00:13:27,600 --> 00:13:32,340
burger on the crew engineer so I take

249
00:13:29,879 --> 00:13:36,269
care of all the functional activities

250
00:13:32,340 --> 00:13:38,940
around the hab water electricity ATVs of

251
00:13:36,269 --> 00:13:42,329
spacesuits but yeah so my background is

252
00:13:38,940 --> 00:13:44,400
e VA so that's what my research is is

253
00:13:42,330 --> 00:13:47,970
about here some kind of testing two

254
00:13:44,399 --> 00:13:49,588
things one we're using a quadcopter to

255
00:13:47,970 --> 00:13:52,740
take some photographs to do

256
00:13:49,589 --> 00:13:54,870
reconnaissance before we go try an EV a

257

00:13:52,740 --> 00:13:56,610
to make sure we can get to the places we

258
00:13:54,870 --> 00:13:58,589
want to get to if it's mountainous or

259
00:13:56,610 --> 00:14:00,450
there's too many boulders or to make

260
00:13:58,589 --> 00:14:03,720
sure we can get we want to go and then

261
00:14:00,450 --> 00:14:05,640
it apart is testing autonomy during an

262
00:14:03,720 --> 00:14:08,040
EV a versus do you tell timeline or

263
00:14:05,639 --> 00:14:10,649
something very planned out and so we've

264
00:14:08,039 --> 00:14:13,079
done both scenarios and yeah it seems

265
00:14:10,649 --> 00:14:16,338
like the best bet is to do combination

266
00:14:13,080 --> 00:14:19,620
of both so so I've been doing here

267
00:14:16,339 --> 00:14:23,370
thanks and I'll bring to the mission

268
00:14:19,620 --> 00:14:26,460
crew commander my name is Jamie Gwynedd

269
00:14:23,370 --> 00:14:28,409
and I'm the commander for crew 138 none

270
00:14:26,460 --> 00:14:30,960
of my research was approved to do here

271
00:14:28,409 --> 00:14:32,519

so I am actually using this as kind of

272

00:14:30,960 --> 00:14:35,519

like a scouting mission or proof of

273

00:14:32,519 --> 00:14:38,490

concept mission to possibly conduct some

274

00:14:35,519 --> 00:14:40,708

future research on benefits of exercise

275

00:14:38,490 --> 00:14:42,980

countermeasures in confined living

276

00:14:40,708 --> 00:14:44,739

environments such as mdrs but then also

277

00:14:42,980 --> 00:14:47,620

i'm interested in

278

00:14:44,740 --> 00:14:50,500

and characterizing a typical Mars EV a

279

00:14:47,620 --> 00:14:52,209

workday so there's a battery of tests

280

00:14:50,500 --> 00:14:54,159

that will include various functional

281

00:14:52,208 --> 00:14:56,429

tasks that one might expect a crew

282

00:14:54,159 --> 00:14:59,620

member to perform on the surface of Mars

283

00:14:56,429 --> 00:15:06,939

super all right thanks everybody say hi

284

00:14:59,620 --> 00:15:09,159

Richard all at once go one two three you

285

00:15:06,940 --> 00:15:12,730

can find out more about the Maas desert

286
00:15:09,159 --> 00:15:17,458
Research Station by visiting desert dot

287
00:15:12,730 --> 00:15:17,459
Mars Society dorms

288
00:15:33,019 --> 00:15:35,079
you

289
00:15:47,460 --> 00:15:52,060
virtual skeptics is a weekly web show in

290
00:15:50,259 --> 00:15:54,370
which we discuss the latest news in

291
00:15:52,059 --> 00:15:55,869
skepticism whether it's a new case of

292
00:15:54,370 --> 00:15:58,060
spontaneous human combustion a

293
00:15:55,870 --> 00:16:00,279
conspiracy theory the latest update on

294
00:15:58,059 --> 00:16:01,959
the upcoming robot apocalypse tech news

295
00:16:00,279 --> 00:16:04,419
for skeptics are the latest wacky

296
00:16:01,960 --> 00:16:06,820
religious claim we cover it all we

297
00:16:04,419 --> 00:16:09,459
record the show live as a Google+ on-air

298
00:16:06,820 --> 00:16:11,290
hang out so join us in our host Brian

299
00:16:09,460 --> 00:16:13,930
Gregory for an hour of mostly

300
00:16:11,289 --> 00:16:16,839
intelligent talk every Wednesday at a PM

301
00:16:13,929 --> 00:16:19,419
eastern US time watch us at virtual

302
00:16:16,840 --> 00:16:22,290
skeptics calm and participate in the

303
00:16:19,419 --> 00:16:24,909
show on our hashtag virtual skeptics the

304
00:16:22,289 --> 00:16:31,329
virtual skeptics it's like meet the

305
00:16:24,909 --> 00:16:32,889
press but with chupacabras some of

306
00:16:31,330 --> 00:16:34,900
sydney's wealthiest suburbs have the

307
00:16:32,889 --> 00:16:36,519
lowest vaccination rates new figures

308
00:16:34,899 --> 00:16:38,649
show only about eighty percent of

309
00:16:36,519 --> 00:16:40,689
five-year-olds in Manly Paddington and

310
00:16:38,649 --> 00:16:42,189
Anand dialer fully immunized shadow

311
00:16:40,690 --> 00:16:43,900
health minister Andrew MacDonald says

312
00:16:42,190 --> 00:16:45,880
anti-vaccine groups are spreading

313
00:16:43,899 --> 00:16:47,799
misinformation it's a worldwide

314

00:16:45,879 --> 00:16:49,919
phenomena that some of the wealthier

315
00:16:47,799 --> 00:16:52,389
areas have lower immunization rates

316
00:16:49,919 --> 00:16:54,490
groups such as the Australian

317
00:16:52,389 --> 00:16:56,409
vaccination network are evil they've

318
00:16:54,490 --> 00:16:58,450
been forced to change the nine but

319
00:16:56,409 --> 00:17:02,579
already some of the damage that they

320
00:16:58,450 --> 00:17:02,580
have done continues to occur

321
00:17:08,838 --> 00:17:15,000
sitio 10 now some of Australia's most

322
00:17:11,430 --> 00:17:17,880
affluent suburbs have the lowest rates

323
00:17:15,000 --> 00:17:19,950
of child immunization that's according

324
00:17:17,880 --> 00:17:21,570
to new research that has doctors warning

325
00:17:19,950 --> 00:17:23,640
outbreaks of measles and other

326
00:17:21,569 --> 00:17:28,200
infectious diseases could have

327
00:17:23,640 --> 00:17:32,759
devastating effects Jane are you may go

328
00:17:28,200 --> 00:17:34,529

yes well my first child almost died of a

329

00:17:32,759 --> 00:17:37,289

condition you cannot vaccinate against

330

00:17:34,529 --> 00:17:39,269

vaccinate against RS v+ bronchiolitis

331

00:17:37,289 --> 00:17:41,579

and i would recommend that anyone who is

332

00:17:39,269 --> 00:17:44,039

considering not vaccinating their child

333

00:17:41,579 --> 00:17:46,199

spend at least a week in the intensive

334

00:17:44,039 --> 00:17:48,690

care unit of a children's hospital and

335

00:17:46,200 --> 00:17:52,200

have a look at what happens in those

336

00:17:48,690 --> 00:17:53,789

places and how sick children can get I

337

00:17:52,200 --> 00:17:56,430

can tell you when we came out of it

338

00:17:53,789 --> 00:17:57,809

mm-hmm I immunize my children against

339

00:17:56,430 --> 00:18:03,660

absolutely everything you possibly pick

340

00:17:57,809 --> 00:18:04,829

hokk yeah it is a terrible terrible risk

341

00:18:03,660 --> 00:18:07,440

to take with your own children but

342

00:18:04,829 --> 00:18:09,419

because we need the herd effective

343
00:18:07,440 --> 00:18:10,650
immunization it is also a terrible risk

344
00:18:09,420 --> 00:18:12,600
you take with other people's children

345
00:18:10,650 --> 00:18:15,300
it's wicked I think it's absolutely

346
00:18:12,599 --> 00:18:16,980
wicked awkward to say oh no no no

347
00:18:15,299 --> 00:18:18,509
because I've read online because I've

348
00:18:16,980 --> 00:18:19,860
heard from this naturopath that there

349
00:18:18,509 --> 00:18:22,980
are these risks I'm not going to

350
00:18:19,859 --> 00:18:24,479
immunize my children okay that's your

351
00:18:22,980 --> 00:18:26,490
business but the thing is as you say

352
00:18:24,480 --> 00:18:29,610
because it puts other kids at risk other

353
00:18:26,490 --> 00:18:31,799
kids who are immunized it is really

354
00:18:29,609 --> 00:18:34,889
really dangerous and it makes me

355
00:18:31,799 --> 00:18:37,710
incredibly cross what do you make of the

356
00:18:34,890 --> 00:18:39,150
link between affluent suburbs and the

357
00:18:37,710 --> 00:18:40,710
lack of immunization what do you think's

358
00:18:39,150 --> 00:18:42,900
going on here I think there's there's

359
00:18:40,710 --> 00:18:44,549
basically and we know that it's affluent

360
00:18:42,900 --> 00:18:46,440
suburbs in the eastern suburbs and

361
00:18:44,549 --> 00:18:48,149
something that the suburbs of Sydney and

362
00:18:46,440 --> 00:18:50,100
I would think also other major and

363
00:18:48,150 --> 00:18:53,970
perhaps oh yes it is I'm and also I've

364
00:18:50,099 --> 00:18:56,549
caught two babies are North cars the

365
00:18:53,970 --> 00:18:59,460
question is why educated people making

366
00:18:56,549 --> 00:19:00,809
really uneducated decisions about Oh in

367
00:18:59,460 --> 00:19:02,579
some ways it's kind of because I think

368
00:19:00,809 --> 00:19:04,109
they feel like they have the luxury to

369
00:19:02,579 --> 00:19:05,609
they feel like they know better they

370
00:19:04,109 --> 00:19:07,079
think that they know better than trained

371

00:19:05,609 --> 00:19:08,699
doctors they think they know better than

372
00:19:07,079 --> 00:19:11,579
scientists who have worked for

373
00:19:08,700 --> 00:19:14,069
generations if not centuries to wipe out

374
00:19:11,579 --> 00:19:15,769
these diseases and the idea that this

375
00:19:14,069 --> 00:19:18,799
could all be undone by

376
00:19:15,769 --> 00:19:22,389
some stupid bloody know-it-all i just

377
00:19:18,799 --> 00:19:22,389
googled something so now I'm an expert

378
00:19:25,930 --> 00:19:31,400
absolutely absolutely disgraceful to

379
00:19:28,849 --> 00:19:34,279
think that in a 21st century Western

380
00:19:31,400 --> 00:19:35,960
society we have these morons who are

381
00:19:34,279 --> 00:19:37,970
endangering the lives not only of their

382
00:19:35,960 --> 00:19:39,650
own children but of completely innocent

383
00:19:37,970 --> 00:19:41,600
children around them and quite frankly

384
00:19:39,650 --> 00:19:44,030
if you do not vaccinate your children

385
00:19:41,599 --> 00:19:48,199

you are putting lives at risk and you

386

00:19:44,029 --> 00:19:55,849

are a bad bad bad parent and a bad bad

387

00:19:48,200 --> 00:20:01,850

bad citizen algae vats the trolling

388

00:19:55,849 --> 00:20:03,980

begins in fire stand up to the knife oh

389

00:20:01,849 --> 00:20:05,809

no phone so you do have every right to

390

00:20:03,980 --> 00:20:07,099

not vaccinated i forgot to say you do it

391

00:20:05,809 --> 00:20:08,509

is your choice that you have every right

392

00:20:07,099 --> 00:20:10,009

not to vaccinate your children you're

393

00:20:08,509 --> 00:20:11,539

just gonna have to be fenced off in a

394

00:20:10,009 --> 00:20:13,789

little cage number in the middle of the

395

00:20:11,539 --> 00:20:20,480

desert and maybe you can get some

396

00:20:13,789 --> 00:20:21,980

letters from time to time wanna wipe out

397

00:20:20,480 --> 00:20:25,339

the species I think it's only fair that

398

00:20:21,980 --> 00:20:27,049

we look yeah I can't believe people

399

00:20:25,339 --> 00:20:30,049

still listen to any fact anti-vaxxers it

400
00:20:27,049 --> 00:20:31,909
sisters it's nonsensical it's part of

401
00:20:30,049 --> 00:20:33,559
this whole anti-science thing that's

402
00:20:31,910 --> 00:20:35,950
going on at the moment though we're

403
00:20:33,559 --> 00:20:39,319
across the board where it's no longer

404
00:20:35,950 --> 00:20:41,960
believing facts and actually the proof

405
00:20:39,319 --> 00:20:43,490
and medicine and scientists and things

406
00:20:41,960 --> 00:20:45,200
about the climate in the planet it's the

407
00:20:43,490 --> 00:20:46,490
piercer picking and choosing as well but

408
00:20:45,200 --> 00:20:48,110
this is what drives me absolutely crazy

409
00:20:46,490 --> 00:20:49,819
so you'll have a bunch of hippies Susur

410
00:20:48,109 --> 00:20:52,159
over the silence of kilometers you go

411
00:20:49,819 --> 00:20:53,929
into closer to yoga oh but you know you

412
00:20:52,160 --> 00:20:54,800
know radek any diseases like polio well

413
00:20:53,930 --> 00:20:56,720
you know what about this other

414
00:20:54,799 --> 00:20:58,759
conspiracy theory website all right it's

415
00:20:56,720 --> 00:21:01,759
just you know the scientists are right

416
00:20:58,759 --> 00:21:03,799
you're smarter than you and man up and

417
00:21:01,759 --> 00:21:06,648
copy I'm not gonna vaccinate my kids but

418
00:21:03,799 --> 00:21:16,048
I'm gonna inject Botox into my face

419
00:21:06,648 --> 00:21:17,998
run with I think what I'm saying is you

420
00:21:16,048 --> 00:21:20,099
know I like well I'm standing up you two

421
00:21:17,999 --> 00:21:23,548
people who use Botox very much thank you

422
00:21:20,099 --> 00:21:25,618
keep kids it's very soon so i'll just do

423
00:21:23,548 --> 00:21:27,858
whatever your doctor says unless he has

424
00:21:25,618 --> 00:21:27,858
a ponytail

425
00:21:59,880 --> 00:22:05,050
hi I'm audit oh yeah crystal or we will

426
00:22:03,430 --> 00:22:06,759
tips advice on logic lifted off the

427
00:22:05,049 --> 00:22:08,710
skeptics ohm ohm skip the comedian or

428

00:22:06,759 --> 00:22:10,210
again if it's not a blog get up early

429
00:22:08,710 --> 00:22:11,590
for podcast often and against capsis

430
00:22:10,210 --> 00:22:13,960
driven me you like if I'm ever after his

431
00:22:11,589 --> 00:22:15,819
nap synth rock I skipped system and loop

432
00:22:13,960 --> 00:22:17,680
or hardcover says the deep plan

433
00:22:15,819 --> 00:22:19,299
architecture and calendar or escape desk

434
00:22:17,680 --> 00:22:20,920
after death or link you till I will

435
00:22:19,299 --> 00:22:22,480
escape this killer sausage skips is

436
00:22:20,920 --> 00:22:24,279
Logan of subtlety Emily the discrete

437
00:22:22,480 --> 00:22:26,349
areas hefty pass caps is ramazzotti kina

438
00:22:24,279 --> 00:22:29,619
o destined to yourself skip say stop

439
00:22:26,349 --> 00:22:31,299
hello hello I'm moderate and I'm

440
00:22:29,619 --> 00:22:32,769
Christine and we want to let you know

441
00:22:31,299 --> 00:22:34,720
that there are lots of Norwegian

442
00:22:32,769 --> 00:22:36,519

skeptics for you to get to know their

443

00:22:34,720 --> 00:22:37,900

blogs and pub meats and a podcast and

444

00:22:36,519 --> 00:22:39,609

the Norwegian skeptics also do

445

00:22:37,900 --> 00:22:41,740

paranormal tests and consumer activism

446

00:22:39,609 --> 00:22:46,259

to find out more Google Norwegian

447

00:22:41,740 --> 00:22:46,259

skeptics or visit skepta Senna

448

00:22:58,059 --> 00:23:02,089

this is Bob glass cuts from the Houston

449

00:23:00,589 --> 00:23:04,429

cancer quack calm in the other

450

00:23:02,089 --> 00:23:06,049

Pierzynski patient group last week

451

00:23:04,430 --> 00:23:07,580

skeptics around the world received some

452

00:23:06,049 --> 00:23:09,500

disturbing news the Food and Drug

453

00:23:07,579 --> 00:23:10,759

Administration the governmental body

454

00:23:09,500 --> 00:23:12,890

that oversees and regulates

455

00:23:10,759 --> 00:23:14,629

pharmaceuticals in the States quietly

456

00:23:12,890 --> 00:23:16,370

announced that they were allowing a

457
00:23:14,630 --> 00:23:18,080
number of cancer patients mostly

458
00:23:16,369 --> 00:23:20,809
children with brain tumors to begin

459
00:23:18,079 --> 00:23:22,279
receiving antineoplastons the signature

460
00:23:20,809 --> 00:23:24,710
drug of the Houston cancer quack

461
00:23:22,279 --> 00:23:26,509
Stanislaw Burzynski to bring up to speed

462
00:23:24,710 --> 00:23:29,059
Brazil ski is the sole manufacturer of

463
00:23:26,509 --> 00:23:30,440
this chemotherapy and for the last 15

464
00:23:29,059 --> 00:23:32,269
years or so he's been limited to

465
00:23:30,440 --> 00:23:34,640
administering it to patients as part of

466
00:23:32,269 --> 00:23:36,319
clinical trials those trials were placed

467
00:23:34,640 --> 00:23:39,080
on a partial clinical hold for all

468
00:23:36,319 --> 00:23:41,509
patients in 2012 after a child died with

469
00:23:39,079 --> 00:23:42,859
an easily lethal sodium level elevated

470
00:23:41,509 --> 00:23:45,109
sodium being the known side effect of

471
00:23:42,859 --> 00:23:46,909
antineoplastic there's no compelling

472
00:23:45,109 --> 00:23:48,619
evidence that antineoplastons are any

473
00:23:46,910 --> 00:23:49,759
more effective at treating brain cancer

474
00:23:48,619 --> 00:23:51,559
than giving the tumors of stern

475
00:23:49,759 --> 00:23:53,029
talking-to but that's never stopped

476
00:23:51,559 --> 00:23:54,589
Pierzynski from charging hundreds of

477
00:23:53,029 --> 00:23:56,149
thousands of dollars to the most

478
00:23:54,589 --> 00:23:58,399
desperate patients and their families

479
00:23:56,150 --> 00:24:00,410
who often resort to begging for money in

480
00:23:58,400 --> 00:24:02,840
the press to be put on his clinical

481
00:24:00,410 --> 00:24:04,670
trials since then Brezinski has been in

482
00:24:02,839 --> 00:24:06,349
a world of hurt as mainstream media has

483
00:24:04,670 --> 00:24:08,990
become less permissive of his claims

484
00:24:06,349 --> 00:24:11,119
last spring the BBC's investigative news

485

00:24:08,990 --> 00:24:12,529
show panorama produced a scathing

486
00:24:11,119 --> 00:24:14,779
documentary about him that highlighted

487
00:24:12,529 --> 00:24:16,970
patients in the UK he promised us that

488
00:24:14,779 --> 00:24:19,250
we'd see that his results very soon but

489
00:24:16,970 --> 00:24:21,529
so far that still hasn't happened in the

490
00:24:19,250 --> 00:24:23,240
u.s. USA Today published a damning

491
00:24:21,529 --> 00:24:25,069
feature article on the front page about

492
00:24:23,240 --> 00:24:27,019
Pierzynski and have been following the

493
00:24:25,069 --> 00:24:29,809
saga to bring this quack to heel ever

494
00:24:27,019 --> 00:24:32,329
since and what a saga it's been in

495
00:24:29,809 --> 00:24:34,369
November that fda released perhaps the

496
00:24:32,329 --> 00:24:36,559
most unthinkable list of observations

497
00:24:34,369 --> 00:24:39,229
from a site visit that took place at the

498
00:24:36,559 --> 00:24:41,569
previous january the FDA inspectors

499
00:24:39,230 --> 00:24:43,460

found over a hundred overdoses and no

500

00:24:41,569 --> 00:24:45,669

evidence that the clinic made any effort

501

00:24:43,460 --> 00:24:47,779

to prevent new ones from occurring

502

00:24:45,670 --> 00:24:49,550

two-thirds of his reported outcomes

503

00:24:47,779 --> 00:24:51,829

didn't meet the criteria for outcomes

504

00:24:49,549 --> 00:24:53,839

defined in his protocols he failed to

505

00:24:51,829 --> 00:24:55,579

report adverse events in a timely manner

506

00:24:53,839 --> 00:24:58,970

and failed to protect the rights of

507

00:24:55,579 --> 00:25:00,740

patients and on and on in the warning

508

00:24:58,970 --> 00:25:01,940

letter that followed these inspections

509

00:25:00,740 --> 00:25:03,829

the FDA

510

00:25:01,940 --> 00:25:05,629

ask the clinic to clarify why it had

511

00:25:03,829 --> 00:25:07,398

received two different versions of the

512

00:25:05,628 --> 00:25:10,038

dead child's medical records from the

513

00:25:07,398 --> 00:25:13,849

clinic whoops and lastly he's in front

514
00:25:10,038 --> 00:25:15,740
of the Texas Medical Board again but

515
00:25:13,849 --> 00:25:17,990
despite this host of abominations

516
00:25:15,740 --> 00:25:20,538
desperate cancer patients have turned up

517
00:25:17,990 --> 00:25:23,388
the heat on Congress demanding access to

518
00:25:20,538 --> 00:25:25,460
Burzynski's unproven on promising and

519
00:25:23,388 --> 00:25:28,028
until recently completely unavailable

520
00:25:25,460 --> 00:25:30,079
drug Brzezinski supporters

521
00:25:28,028 --> 00:25:31,909
enthusiastically paraded dying children

522
00:25:30,079 --> 00:25:34,970
in front of politicians and in the local

523
00:25:31,909 --> 00:25:37,340
press they hired a lobbyist and even got

524
00:25:34,970 --> 00:25:38,960
Sammy Hagar on board they went to

525
00:25:37,339 --> 00:25:41,480
Washington and then the unthinkable

526
00:25:38,960 --> 00:25:43,720
happened the FDA agreed to allow these

527
00:25:41,480 --> 00:25:46,360
patients compassionate access to

528
00:25:43,720 --> 00:25:50,480
antineoplastons but with one caveat that

529
00:25:46,359 --> 00:25:52,579
Brzezinski is not the researcher in some

530
00:25:50,480 --> 00:25:54,710
ways an oreck has pointed this out it's

531
00:25:52,579 --> 00:25:56,960
a very cynical decision even a little

532
00:25:54,710 --> 00:25:58,639
cruel since in order to get the drugs it

533
00:25:56,960 --> 00:26:00,259
seems that an oncologist other than

534
00:25:58,638 --> 00:26:01,758
Brzezinski must not only accept

535
00:26:00,259 --> 00:26:03,769
responsibility and fill out the

536
00:26:01,759 --> 00:26:05,750
paperwork for the exemptions but an

537
00:26:03,769 --> 00:26:07,940
independent institutional review board

538
00:26:05,750 --> 00:26:09,528
will have to sign off on them this seems

539
00:26:07,940 --> 00:26:11,659
unlikely in the extreme as long as

540
00:26:09,528 --> 00:26:13,730
anybody on the ethics panel has access

541
00:26:11,659 --> 00:26:16,070
to Google as a result the FDA

542

00:26:13,730 --> 00:26:19,179
inexplicably has dangled the illusion of

543
00:26:16,069 --> 00:26:21,408
illusory hope in front of these patients

544
00:26:19,179 --> 00:26:22,788
sadly as I write this it's my

545
00:26:21,409 --> 00:26:24,620
understanding that at least two of the

546
00:26:22,788 --> 00:26:27,259
patients used in this campaign are in

547
00:26:24,619 --> 00:26:29,418
comas and no longer responsive it is

548
00:26:27,259 --> 00:26:31,128
urgent then that skeptics make their

549
00:26:29,419 --> 00:26:33,320
presence known in Washington at this

550
00:26:31,128 --> 00:26:34,668
critical moment the skeptic for the

551
00:26:33,319 --> 00:26:37,220
protection of cancer patients have

552
00:26:34,669 --> 00:26:38,929
started a petition on change.org to

553
00:26:37,220 --> 00:26:40,669
alert members of Congress to the horrors

554
00:26:38,929 --> 00:26:43,038
that the FDA found inside the clinic

555
00:26:40,669 --> 00:26:45,620
it's crucial that we garner as many

556
00:26:43,038 --> 00:26:47,419

signatures as humanly possible given the

557

00:26:45,619 --> 00:26:49,878

massive amount of support children with

558

00:26:47,419 --> 00:26:51,919

cancer can garner very quickly one

559

00:26:49,878 --> 00:26:54,918

petition on behalf of Pierzynski to the

560

00:26:51,919 --> 00:26:57,500

White House gathered over 100,000

561

00:26:54,919 --> 00:26:58,909

signatures very very quickly no group of

562

00:26:57,500 --> 00:27:01,970

skeptics will ever had that type of

563

00:26:58,909 --> 00:27:04,370

reach however we have evidence and those

564

00:27:01,970 --> 00:27:06,740

FDA documents are purest poison to

565

00:27:04,369 --> 00:27:08,329

Burzynski's claims we want Congress to

566

00:27:06,740 --> 00:27:09,919

know that Brzezinski squandered the

567

00:27:08,329 --> 00:27:13,009

benefit of the doubt extended to him by

568

00:27:09,919 --> 00:27:15,040

Washington and the FDA in the 1990s that

569

00:27:13,009 --> 00:27:16,960

he doesn't deserve another shot

570

00:27:15,039 --> 00:27:18,549

crucially we don't need to persuade

571
00:27:16,960 --> 00:27:20,500
Congress to act we simply need to

572
00:27:18,549 --> 00:27:23,049
convince them to not take Brzezinski

573
00:27:20,500 --> 00:27:24,549
side that'll be enough to deny am the

574
00:27:23,049 --> 00:27:27,430
congressional hearing and supporters

575
00:27:24,549 --> 00:27:29,319
seek it's doable if every skeptic who

576
00:27:27,430 --> 00:27:32,230
hears this registers their displeasure

577
00:27:29,319 --> 00:27:36,309
and I hope you will not one in ten not

578
00:27:32,230 --> 00:27:38,860
one in five but you please go to the

579
00:27:36,309 --> 00:27:40,690
Houston cancer quack calm a link to our

580
00:27:38,859 --> 00:27:43,359
petition is front and center on the page

581
00:27:40,690 --> 00:27:44,830
once you sign the skeptics for the

582
00:27:43,359 --> 00:27:47,349
protection of cancer patients will do

583
00:27:44,829 --> 00:27:49,029
the rest we will but we want to have

584
00:27:47,349 --> 00:27:51,429
something substantial to hand to our

585
00:27:49,029 --> 00:27:53,049
congresspeople listen the information

586
00:27:51,430 --> 00:27:55,120
that we have is so damning that if

587
00:27:53,049 --> 00:27:57,519
Burzynski somehow continues to practice

588
00:27:55,119 --> 00:28:00,429
it will be skeptics fault that we

589
00:27:57,519 --> 00:28:02,079
haven't done enough advocacy please go

590
00:28:00,430 --> 00:28:04,299
to the Houston cancer quack calm and

591
00:28:02,079 --> 00:28:06,369
sign the petition and protect cancer

592
00:28:04,299 --> 00:28:08,589
patients this is Bob blaskowitz from the

593
00:28:06,369 --> 00:28:21,609
Houston cancer quack calm and the other

594
00:28:08,589 --> 00:28:23,559
Pierzynski patient group who is he a

595
00:28:21,609 --> 00:28:25,569
Minnesota do fear of Yas nemati of

596
00:28:23,559 --> 00:28:27,429
Justice skeptical Mousavi almost none on

597
00:28:25,569 --> 00:28:29,109
stage Kat Robichaud cars dead we need a

598
00:28:27,430 --> 00:28:30,759
live mas clear it up with Russian

599

00:28:29,109 --> 00:28:32,409
Pellucidar footpath Petrova hooded

600
00:28:30,759 --> 00:28:34,539
garden Indian what customs White's

601
00:28:32,410 --> 00:28:36,790
escaped aside a cutter bomber still not

602
00:28:34,539 --> 00:28:41,529
inertia dayton st at the wave over

603
00:28:36,789 --> 00:28:42,970
skeptics society coach guru everybody my

604
00:28:41,529 --> 00:28:45,250
name is carol and i'm the founder of

605
00:28:42,970 --> 00:28:46,990
skeptics society russia come visit us in

606
00:28:45,250 --> 00:28:49,000
moscow and our bi-weekly meetings and

607
00:28:46,990 --> 00:28:50,890
also listen to our weekly podcast which

608
00:28:49,000 --> 00:28:52,539
is called skeptic and the site where you

609
00:28:50,890 --> 00:28:55,500
can find all of that the skeptics

610
00:28:52,539 --> 00:28:55,500
society are you

611
00:29:10,368 --> 00:29:15,178
hello good evening and welcome to the

612
00:29:12,749 --> 00:29:17,368
Australian skeptics dinner meeting this

613
00:29:15,179 --> 00:29:19,259

evening my name is Richard Saunders I'm

614

00:29:17,368 --> 00:29:22,288

the president of the Australian skeptics

615

00:29:19,259 --> 00:29:23,878

here in New South Wales it's a great

616

00:29:22,288 --> 00:29:26,009

pleasure to see you all come along here

617

00:29:23,878 --> 00:29:31,168

tonight to hear catan Joshi talking

618

00:29:26,009 --> 00:29:33,118

about wind farms and another interesting

619

00:29:31,169 --> 00:29:35,720

things that what an interesting year

620

00:29:33,118 --> 00:29:39,178

it's been my friends in the world of

621

00:29:35,720 --> 00:29:40,979

skepticism so far I know it's been an

622

00:29:39,179 --> 00:29:43,349

interesting year because I've got the

623

00:29:40,979 --> 00:29:45,629

sort of the sneak peak the inside

624

00:29:43,348 --> 00:29:47,339

information about what's coming up this

625

00:29:45,628 --> 00:29:53,628

year thanks to our friends at the

626

00:29:47,339 --> 00:29:56,069

International psychics true oh yes every

627

00:29:53,628 --> 00:29:58,819

every January or so they have a

628
00:29:56,069 --> 00:30:01,378
wonderful segment in their magazine

629
00:29:58,819 --> 00:30:05,608
tomorrow's news today top predictions

630
00:30:01,378 --> 00:30:07,528
for 2014 it's all here Australia's best

631
00:30:05,608 --> 00:30:09,628
psychics telling you what's coming this

632
00:30:07,528 --> 00:30:11,098
year turning to the part where they

633
00:30:09,628 --> 00:30:16,168
mentioned that the death of philip

634
00:30:11,098 --> 00:30:19,439
seymour hoffman we read sorry try

635
00:30:16,169 --> 00:30:22,489
another one the missing Malaysian flight

636
00:30:19,440 --> 00:30:22,489
this is what they had to say

637
00:30:31,058 --> 00:30:42,289
the annexation of the Crimea big news is

638
00:30:34,279 --> 00:30:43,369
amazing well they did predict i'll give

639
00:30:42,289 --> 00:30:44,839
him one thing they did predict

640
00:30:43,369 --> 00:30:47,709
earthquakes and today we had an

641
00:30:44,839 --> 00:30:49,609
earthquake in los angeles 5.1 idea

642
00:30:47,710 --> 00:30:53,600
except they said it would be in

643
00:30:49,609 --> 00:30:58,308
australian capital cities just a little

644
00:30:53,599 --> 00:31:00,819
bit in their magical predictions here we

645
00:30:58,308 --> 00:31:03,889
can make light of this in fact we should

646
00:31:00,819 --> 00:31:09,409
i've been collecting these magazines now

647
00:31:03,890 --> 00:31:11,720
for six or seven years and i do

648
00:31:09,410 --> 00:31:13,820
something that certainly none of the

649
00:31:11,720 --> 00:31:15,759
news media do i go through each

650
00:31:13,819 --> 00:31:18,619
prediction at the end of the year and

651
00:31:15,759 --> 00:31:21,019
give it a fair go you know it had come

652
00:31:18,619 --> 00:31:25,339
true is it too vague what are we looking

653
00:31:21,019 --> 00:31:27,650
at here and the average averaging out of

654
00:31:25,339 --> 00:31:29,899
the last six years of predictions in the

655
00:31:27,650 --> 00:31:34,220
australian psychics directory their

656

00:31:29,900 --> 00:31:35,960
score is five percent five and that's

657
00:31:34,220 --> 00:31:37,880
being generous because some things are a

658
00:31:35,960 --> 00:31:40,069
bit vague and you can look at it one way

659
00:31:37,880 --> 00:31:43,040
a look at it another i tried to to be

660
00:31:40,069 --> 00:31:45,889
generous basically the the rule of thumb

661
00:31:43,039 --> 00:31:47,899
is if what happens is usually not

662
00:31:45,890 --> 00:31:50,809
predicted and what is usually predicted

663
00:31:47,900 --> 00:31:53,570
don't doesn't happen hahaha that's

664
00:31:50,808 --> 00:31:54,980
that's the way it goes but you know it's

665
00:31:53,569 --> 00:31:57,168
a free society they're welcome to

666
00:31:54,980 --> 00:31:58,579
publish their magazine and put in their

667
00:31:57,169 --> 00:32:00,080
predictions in fact you can try it

668
00:31:58,579 --> 00:32:01,279
yourself so you can make predictions for

669
00:32:00,079 --> 00:32:06,918
the next three months and see how many

670
00:32:01,279 --> 00:32:09,558

come true maybe you would be more better

671

00:32:06,919 --> 00:32:11,960

advised to buy our magazine instead the

672

00:32:09,558 --> 00:32:13,519

skeptic there we go if you're not a

673

00:32:11,960 --> 00:32:16,579

subscriber to the skeptic mayor

674

00:32:13,519 --> 00:32:19,490

sincerely suggest and import you to be

675

00:32:16,579 --> 00:32:21,109

one it's a great great challenge this

676

00:32:19,490 --> 00:32:25,640

world's second oldest magazine it's been

677

00:32:21,109 --> 00:32:27,979

going for over 30 years huge 34 though i

678

00:32:25,640 --> 00:32:31,790

hear any advance on 34 factory 134 thank

679

00:32:27,980 --> 00:32:32,808

you do here's another copy there there

680

00:32:31,789 --> 00:32:35,720

are some copies out on

681

00:32:32,808 --> 00:32:37,460

table you'll go yes the the magazine

682

00:32:35,720 --> 00:32:39,528

please seek Tim mendham who's running

683

00:32:37,460 --> 00:32:41,028

out of the door over there right now if

684

00:32:39,528 --> 00:32:43,009

you're not a subscriber you can

685
00:32:41,028 --> 00:32:44,359
subscribe the price hasn't changed in

686
00:32:43,009 --> 00:32:47,538
years and years and years and years

687
00:32:44,359 --> 00:32:50,229
still \$44 delivered to your door or for

688
00:32:47,538 --> 00:32:52,730
half that amount \$22 sent to your inbox

689
00:32:50,230 --> 00:32:54,558
via email which is a great way to

690
00:32:52,730 --> 00:32:56,450
subscribe to our magazine and it

691
00:32:54,558 --> 00:32:59,690
certainly does help the Australian

692
00:32:56,450 --> 00:33:02,419
skeptics do what we do and I I'm sorry

693
00:32:59,690 --> 00:33:05,360
that our esteemed colleague dr. Rachel

694
00:33:02,419 --> 00:33:06,528
Dunlop's not here tonight because for

695
00:33:05,359 --> 00:33:08,209
those of you who keep up with these

696
00:33:06,528 --> 00:33:10,339
matters the Australian vaccination

697
00:33:08,210 --> 00:33:13,450
network or as they're called now the

698
00:33:10,339 --> 00:33:19,628
Australian vaccination skeptics network

699
00:33:13,450 --> 00:33:22,190
this is where you laugh thank you are in

700
00:33:19,628 --> 00:33:23,509
no end of trouble they've been hammered

701
00:33:22,190 --> 00:33:25,159
from all sides I mean we've been

702
00:33:23,509 --> 00:33:26,569
hammering this as you know ladies and

703
00:33:25,159 --> 00:33:28,879
gentlemen we've been hammering them for

704
00:33:26,569 --> 00:33:31,460
years and years and years it's been a

705
00:33:28,878 --> 00:33:34,278
long and very hard battle but they're in

706
00:33:31,460 --> 00:33:35,690
tatters I can safely say they are in

707
00:33:34,278 --> 00:33:37,339
tatters and they're getting hammered by

708
00:33:35,690 --> 00:33:39,860
government departments by the media

709
00:33:37,339 --> 00:33:42,109
there was a story just the other day

710
00:33:39,859 --> 00:33:44,868
about the low rates of vaccination in

711
00:33:42,109 --> 00:33:46,398
certain parts of the country so that's

712
00:33:44,868 --> 00:33:49,269
that's a good thing and this is one of

713

00:33:46,398 --> 00:33:51,859
the things that Australian skeptics do

714
00:33:49,269 --> 00:33:53,778
when you think well what what what do we

715
00:33:51,859 --> 00:33:56,118
do you're staying skeptics yes we have

716
00:33:53,778 --> 00:33:57,679
fun researching paranormal topics and

717
00:33:56,118 --> 00:33:59,808
ghosts and all that sort of stuff that

718
00:33:57,679 --> 00:34:01,610
that's good fun but I guess on the

719
00:33:59,808 --> 00:34:04,210
serious side we do hound these

720
00:34:01,609 --> 00:34:07,008
anti-scientific people who are putting

721
00:34:04,210 --> 00:34:10,099
certainly lots of young lives at risks

722
00:34:07,009 --> 00:34:12,619
at risk especially those people who try

723
00:34:10,099 --> 00:34:14,800
to sell the population on the idea of

724
00:34:12,619 --> 00:34:17,889
something like homeopathic vaccination

725
00:34:14,800 --> 00:34:20,240
but don't go to the doctor to get your

726
00:34:17,889 --> 00:34:22,159
scientifically adjusted vaccination come

727
00:34:20,239 --> 00:34:23,989

to us we'll give you a vial of water or

728

00:34:22,159 --> 00:34:26,119

sugar pills and that will protect you

729

00:34:23,989 --> 00:34:27,739

from measles and polio or if you're

730

00:34:26,119 --> 00:34:30,349

going overseas dengue fever or something

731

00:34:27,739 --> 00:34:32,449

like that so believe me ladies and

732

00:34:30,349 --> 00:34:35,510

gentlemen behind the scenes we are

733

00:34:32,449 --> 00:34:39,289

continually working away on these

734

00:34:35,510 --> 00:34:41,060

various fronts and occasionally we have

735

00:34:39,289 --> 00:34:43,849

we have strong victories and it doesn't

736

00:34:41,059 --> 00:34:45,659

give us a good feeling I must say you

737

00:34:43,849 --> 00:34:47,429

can all have a good feeling bye

738

00:34:45,659 --> 00:34:50,190

joining us later this year here in

739

00:34:47,429 --> 00:34:52,289

Sydney at chatswood on November the 28

740

00:34:50,190 --> 00:34:53,639

from November the 30th for our national

741

00:34:52,289 --> 00:34:55,260

convention this is going to be one of

742
00:34:53,639 --> 00:34:58,260
the biggest national conventions we've

743
00:34:55,260 --> 00:35:00,539
had for many years it's going to be sort

744
00:34:58,260 --> 00:35:03,510
of rivaling amazing meeting we had here

745
00:35:00,539 --> 00:35:05,069
in sydney in 2010 we have the skeptics

746
00:35:03,510 --> 00:35:07,500
guide to the universe the biggest

747
00:35:05,068 --> 00:35:10,230
skeptical podcast in the world coming up

748
00:35:07,500 --> 00:35:13,530
we have George rub the singer skeptical

749
00:35:10,230 --> 00:35:15,420
entertainer which is great news dr.

750
00:35:13,530 --> 00:35:16,950
Rachel Dunlop will be certainly be

751
00:35:15,420 --> 00:35:19,829
giving a talk probably about

752
00:35:16,949 --> 00:35:21,480
vaccinations who knows dr. Carl Cruz and

753
00:35:19,829 --> 00:35:23,490
this key will be appearing Dick Smith

754
00:35:21,480 --> 00:35:26,940
it's one of our featured presenters

755
00:35:23,489 --> 00:35:29,429
peter fitzsims will be there and many

756
00:35:26,940 --> 00:35:31,588
more names to be announced the best

757
00:35:29,429 --> 00:35:32,969
thing to do is see Tim about more

758
00:35:31,588 --> 00:35:35,849
information about our upcoming

759
00:35:32,969 --> 00:35:38,129
convention or visit our website Google

760
00:35:35,849 --> 00:35:41,220
Australian skeptics visit the website I

761
00:35:38,130 --> 00:35:44,970
think it will be a splendid convention

762
00:35:41,219 --> 00:35:47,189
in November in chatswood in my in my

763
00:35:44,969 --> 00:35:49,259
enthusiasm I I didn't forget to mention

764
00:35:47,190 --> 00:35:50,700
the two things two important things the

765
00:35:49,260 --> 00:35:53,039
first thing is that somebody tonight

766
00:35:50,699 --> 00:35:55,348
will get their dinner for free some

767
00:35:53,039 --> 00:35:57,960
lucky punter one of you lucky people and

768
00:35:55,349 --> 00:36:00,298
somebody else will courtesy of the

769
00:35:57,960 --> 00:36:02,849
national geographic channel will receive

770

00:36:00,298 --> 00:36:06,989
a cosmos gift pack which includes this

771
00:36:02,849 --> 00:36:11,700
wonderfully strong sturdy carry bag we

772
00:36:06,989 --> 00:36:16,889
delve inside the cosmos book by carl

773
00:36:11,699 --> 00:36:18,149
sagan and cosmos notepad so that's going

774
00:36:16,889 --> 00:36:19,588
up tonight courtesy of the national

775
00:36:18,150 --> 00:36:20,700
geographic channel that's what we're

776
00:36:19,588 --> 00:36:22,710
looking at at the moment on the big

777
00:36:20,699 --> 00:36:26,189
screen by the way the wonderful new

778
00:36:22,710 --> 00:36:28,230
series of cosmos so sit tight after the

779
00:36:26,190 --> 00:36:31,500
dinner we'll find out who wins the

780
00:36:28,230 --> 00:36:33,119
cosmos give back so that's all I have to

781
00:36:31,500 --> 00:36:34,949
say at the moment Tim what's our dinner

782
00:36:33,119 --> 00:36:39,059
situation looking like it's all those

783
00:36:34,949 --> 00:36:41,579
things ten percent we're all right I'm

784
00:36:39,059 --> 00:36:44,070

taking watch everyone check your watch

785

00:36:41,579 --> 00:36:46,590

so about 10 minutes folks will be coming

786

00:36:44,070 --> 00:36:49,080

up and telling you which table can go up

787

00:36:46,590 --> 00:36:51,570

first to the dinner I'm over there

788

00:36:49,079 --> 00:36:54,090

Freddy bribes it's it's quite a run with

789

00:36:51,570 --> 00:37:05,280

a chat amongst yourselves and thank you

790

00:36:54,090 --> 00:37:09,950

very much ladies and gentlemen in a

791

00:37:05,280 --> 00:37:09,950

world where the truth is about

792

00:37:12,260 --> 00:37:17,590

your messages are a scene for beyond the

793

00:37:19,820 --> 00:37:25,809

and reason is sideline for magical

794

00:37:23,480 --> 00:37:25,809

thinking

795

00:37:26,010 --> 00:37:30,860

only three men stand between the truth

796

00:37:31,849 --> 00:37:37,319

what date is it 787 thing this is

797

00:37:35,610 --> 00:37:38,970

impressive it's a detail system present

798

00:37:37,320 --> 00:37:41,700

they're not their photographs of Chinese

799
00:37:38,969 --> 00:37:44,069
anthem it's not we are not well received

800
00:37:41,699 --> 00:37:45,750
is a good God we're fully don't discuss

801
00:37:44,070 --> 00:37:47,640
cryptozoology on the show very often

802
00:37:45,750 --> 00:37:50,099
because we don't know anything about how

803
00:37:47,639 --> 00:37:51,809
the truth the price gets lower and lower

804
00:37:50,099 --> 00:37:55,130
and lower and then he hits a ceiling

805
00:37:51,809 --> 00:37:55,130
it's a ceiling from the room below

806
00:37:55,599 --> 00:38:00,700
skeptic to the cave and Moses I skeptics

807
00:37:57,909 --> 00:38:05,920
society find us on iTunes or you know

808
00:38:00,699 --> 00:38:08,409
don't welcome to all weekend science

809
00:38:05,920 --> 00:38:11,048
from ra oz bringing you the signs you

810
00:38:08,409 --> 00:38:12,879
need to know everyone knows that Joker

811
00:38:11,048 --> 00:38:15,038
the one that can't resist an April

812
00:38:12,880 --> 00:38:17,229
Fool's prank or loves winding people up

813
00:38:15,039 --> 00:38:24,160
with a fanciful story it's time to look

814
00:38:17,228 --> 00:38:26,588
at how and why people lie so why do we

815
00:38:24,159 --> 00:38:28,929
lie believe it or not there is actually

816
00:38:26,588 --> 00:38:31,538
research looked into why and how humans

817
00:38:28,929 --> 00:38:33,608
lie one possible explanation is that

818
00:38:31,539 --> 00:38:35,559
lying is tired of their self esteem as

819
00:38:33,608 --> 00:38:37,478
soon as someone's self-esteem is

820
00:38:35,559 --> 00:38:39,910
threatened they begin to tell bigger and

821
00:38:37,478 --> 00:38:41,588
more complicated lies I once played in a

822
00:38:39,909 --> 00:38:44,108
band and we played at glastonbury lie

823
00:38:41,588 --> 00:38:45,909
the other main reason humans lie is to

824
00:38:44,108 --> 00:38:48,130
protect ourselves or someone we know

825
00:38:45,909 --> 00:38:50,798
from something bad happening or to

826
00:38:48,130 --> 00:38:54,009
protect privacy hey nah don't know the

827

00:38:50,798 --> 00:38:56,619
current is lie as humans we also deceive

828
00:38:54,009 --> 00:38:58,778
ourselves experiments show people live

829
00:38:56,619 --> 00:39:00,608
without realizing they only see their

830
00:38:58,778 --> 00:39:03,009
lives when they watch a recording of

831
00:39:00,608 --> 00:39:08,828
themselves not me though everything I've

832
00:39:03,009 --> 00:39:11,858
said is true but the people always lie

833
00:39:08,829 --> 00:39:14,798
the same way well no people lie more

834
00:39:11,858 --> 00:39:17,139
online than they do face-to-face in an

835
00:39:14,798 --> 00:39:19,150
experiment people are found to lie more

836
00:39:17,139 --> 00:39:21,699
often in an email exchange than an

837
00:39:19,150 --> 00:39:25,059
online messenger conversation and both

838
00:39:21,699 --> 00:39:28,058
more than face-to-face and was about

839
00:39:25,059 --> 00:39:29,739
online dating yep we lie there too with

840
00:39:28,059 --> 00:39:32,170
women lying slightly more than men

841
00:39:29,739 --> 00:39:34,509

however men lie more than women in

842

00:39:32,170 --> 00:39:36,309

games with a small monetary reward but

843

00:39:34,509 --> 00:39:38,858

when the stakes are increased men and

844

00:39:36,309 --> 00:39:41,440

women lie the same amount and teenagers

845

00:39:38,858 --> 00:39:43,929

yep research shows they lie more than

846

00:39:41,440 --> 00:39:45,670

university students or adults or maybe

847

00:39:43,929 --> 00:39:48,608

they're just more honest about their

848

00:39:45,670 --> 00:39:50,818

lying and now for fast facts about

849

00:39:48,608 --> 00:39:53,619

spotting a liar

850

00:39:50,818 --> 00:39:55,478

one experiment has shown different types

851

00:39:53,619 --> 00:39:57,640

of hand gestures maybe the way to spot

852

00:39:55,478 --> 00:39:59,739

liars truth tellers use rhythmic

853

00:39:57,639 --> 00:40:02,078

gestures and Liars speech prompting

854

00:39:59,739 --> 00:40:03,728

gestures one tactic that might trip up

855

00:40:02,079 --> 00:40:06,160

lies is by getting them to tell their

856
00:40:03,728 --> 00:40:08,259
story in Reverse the brain effort

857
00:40:06,159 --> 00:40:10,929
required to invent a story in Reverse is

858
00:40:08,259 --> 00:40:13,059
far higher than forwards a third way to

859
00:40:10,929 --> 00:40:15,338
tell a liar get them to draw a picture

860
00:40:13,059 --> 00:40:17,259
Liars generally don't prepare for that

861
00:40:15,338 --> 00:40:19,748
so I can find it tough to draw their

862
00:40:17,259 --> 00:40:22,298
story and finally the old myth about

863
00:40:19,748 --> 00:40:24,608
lies avoiding eye contact is not true in

864
00:40:22,298 --> 00:40:26,949
fact too much eye contact may be a

865
00:40:24,608 --> 00:40:29,469
giveaway as liar looks to see if you're

866
00:40:26,949 --> 00:40:31,929
believing their story that's it for this

867
00:40:29,469 --> 00:40:34,479
week in science more information on

868
00:40:31,929 --> 00:40:39,818
honesty and lying go to the IRS web

869
00:40:34,478 --> 00:40:42,639
sites are I aus org a you follow us on

870
00:40:39,818 --> 00:40:45,068
twitter at ra oz and like us on facebook

871
00:40:42,639 --> 00:40:47,548
i'm ben lewis and we'll catch you next

872
00:40:45,068 --> 00:40:47,548
week

873
00:40:56,228 --> 00:41:00,549
but guess yours is

874
00:40:58,210 --> 00:41:02,519
award-winning weekly science show in

875
00:41:00,550 --> 00:41:05,619
French hosted by a bunch of crazy

876
00:41:02,519 --> 00:41:08,139
enthusiasts we are convinced that the

877
00:41:05,619 --> 00:41:09,730
greatest ideas in science are quite easy

878
00:41:08,139 --> 00:41:12,579
to grasp as long as they are presented

879
00:41:09,730 --> 00:41:14,949
with passion using a vocabulary common

880
00:41:12,579 --> 00:41:17,739
to all curious minds whatever their

881
00:41:14,949 --> 00:41:19,838
academic background if any you don't

882
00:41:17,739 --> 00:41:22,209
understand French yet oh it's never too

883
00:41:19,838 --> 00:41:24,219
late all our stories have a written

884

00:41:22,210 --> 00:41:26,260
transcript on the website and people

885
00:41:24,219 --> 00:41:29,139
from all around the world are using our

886
00:41:26,260 --> 00:41:31,839
content to learn Maria's language our

887
00:41:29,139 --> 00:41:34,108
topics range from 0 to infinity from

888
00:41:31,838 --> 00:41:36,070
evolution to artificial life from

889
00:41:34,108 --> 00:41:38,529
electromagnetism to the science of

890
00:41:36,070 --> 00:41:42,400
introverts we just love mathematics

891
00:41:38,530 --> 00:41:44,680
science critical thinking so do you want

892
00:41:42,400 --> 00:41:46,570
to join you can subscribe to the podcast

893
00:41:44,679 --> 00:41:49,629
for free from our website podcast

894
00:41:46,570 --> 00:41:51,599
science tops FM that's in one word you

895
00:41:49,630 --> 00:41:54,940
also find us on itunes and soundcloud

896
00:41:51,599 --> 00:41:58,260
see you soon hopefully I'd lose IQ year

897
00:41:54,940 --> 00:41:58,260
at the other shop against yours

898
00:42:13,280 --> 00:42:19,800

from the Australian Competition and

899

00:42:15,989 --> 00:42:22,949

Consumer Commission scam watch here is

900

00:42:19,800 --> 00:42:24,840

the latest scam watch notification and I

901

00:42:22,949 --> 00:42:28,429

think this is valid for just about

902

00:42:24,840 --> 00:42:31,740

anywhere around the world March 2014

903

00:42:28,429 --> 00:42:34,259

scam watch and Telstra the Australian

904

00:42:31,739 --> 00:42:36,539

phone company are warning consumers to

905

00:42:34,260 --> 00:42:38,580

hang up the phone if they receive a call

906

00:42:36,539 --> 00:42:40,860

out of the blue from someone claiming

907

00:42:38,579 --> 00:42:43,710

there is a problem with their internet

908

00:42:40,860 --> 00:42:46,130

connection or computer recent months

909

00:42:43,710 --> 00:42:48,659

have seen a surge in reports of scammers

910

00:42:46,130 --> 00:42:50,760

calling people at home and raising a

911

00:42:48,659 --> 00:42:52,799

false alarm that they are at risk of

912

00:42:50,760 --> 00:42:55,320

their internet being disconnected

913
00:42:52,800 --> 00:42:58,230
immediately as their computer has been

914
00:42:55,320 --> 00:42:59,850
hacked or infected with malware or is

915
00:42:58,230 --> 00:43:02,309
threatening Telstra's internet

916
00:42:59,849 --> 00:43:04,230
infrastructure the caller claims that

917
00:43:02,309 --> 00:43:06,900
they are able to fix the problem on the

918
00:43:04,230 --> 00:43:09,449
spot however a fee for this service will

919
00:43:06,900 --> 00:43:11,519
need to be paid and the person will also

920
00:43:09,449 --> 00:43:14,069
need to download software that will

921
00:43:11,519 --> 00:43:17,009
allow the caller remote access to their

922
00:43:14,070 --> 00:43:19,910
computer if the person resists or

923
00:43:17,010 --> 00:43:22,830
questions the scammer they up the ante

924
00:43:19,909 --> 00:43:24,719
scammers have reportedly threatened to

925
00:43:22,829 --> 00:43:27,059
sue people for putting Telstra's

926
00:43:24,719 --> 00:43:29,219
infrastructure at risk when the person

927
00:43:27,059 --> 00:43:32,009
has requested proof that they are a

928
00:43:29,219 --> 00:43:34,739
Telstra rep scammers have given out a

929
00:43:32,010 --> 00:43:36,870
fake number for Telstra which when the

930
00:43:34,739 --> 00:43:39,299
consumer calls puts them back on the

931
00:43:36,869 --> 00:43:41,429
line with the scammer if you provide

932
00:43:39,300 --> 00:43:43,620
your credit card details and give them

933
00:43:41,429 --> 00:43:45,779
remote access to your computer the

934
00:43:43,619 --> 00:43:48,900
scammer may not only take more than the

935
00:43:45,780 --> 00:43:50,519
stated fee but also infect your computer

936
00:43:48,900 --> 00:43:53,460
to gain access to your personal

937
00:43:50,519 --> 00:43:56,219
information and commit other acts of

938
00:43:53,460 --> 00:43:58,679
fraud scammers often pose as well known

939
00:43:56,219 --> 00:44:00,169
or reputable businesses to try and

940
00:43:58,679 --> 00:44:03,989
convince you that they're the real deal

941

00:44:00,170 --> 00:44:06,360
with Telstra a popular target scammers

942
00:44:03,989 --> 00:44:09,299
pretending to be from Telstra have been

943
00:44:06,360 --> 00:44:12,030
known to switch consumers to another

944
00:44:09,300 --> 00:44:14,910
service provider that the consumer did

945
00:44:12,030 --> 00:44:16,800
not knowingly agree to scammers don't

946
00:44:14,909 --> 00:44:17,250
just fish for your details over the

947
00:44:16,800 --> 00:44:19,950
phone

948
00:44:17,250 --> 00:44:22,619
they also send phishing emails

949
00:44:19,949 --> 00:44:24,869
pretending to be from Telstra or big

950
00:44:22,619 --> 00:44:28,170
pond to try and get you to hand over

951
00:44:24,869 --> 00:44:31,230
your account details or to click on a

952
00:44:28,170 --> 00:44:34,860
link to open a document infected with

953
00:44:31,230 --> 00:44:37,170
malware the yellow pages directory scam

954
00:44:34,860 --> 00:44:40,019
has also targeted Australian small

955
00:44:37,170 --> 00:44:42,000

businesses with scammers deceiving them

956

00:44:40,019 --> 00:44:44,940
to sign up to an online business

957

00:44:42,000 --> 00:44:47,940
directory service that falsely claims to

958

00:44:44,940 --> 00:44:51,090
be affiliated with census and telstra

959

00:44:47,940 --> 00:44:53,190
watch out scammers know how to press

960

00:44:51,090 --> 00:44:55,500
your buttons when they get you on the

961

00:44:53,190 --> 00:44:56,970
phone if you receive a call out of the

962

00:44:55,500 --> 00:44:59,610
blue from someone claiming to represent

963

00:44:56,969 --> 00:45:02,309
Telstra and they ask for access to your

964

00:44:59,610 --> 00:45:05,490
computer just hang up this is how the

965

00:45:02,309 --> 00:45:07,199
scam works you receive a phone call out

966

00:45:05,489 --> 00:45:09,659
of the blue from someone claiming to be

967

00:45:07,199 --> 00:45:11,730
a representative from Telstra or Telstra

968

00:45:09,659 --> 00:45:13,799
big pond they may sound like the real

969

00:45:11,730 --> 00:45:16,530
deal claiming to be from Telstra

970
00:45:13,800 --> 00:45:19,230
technical support or using technical

971
00:45:16,530 --> 00:45:21,420
jargon the caller claims that you need

972
00:45:19,230 --> 00:45:24,000
to take immediate action to avoid your

973
00:45:21,420 --> 00:45:26,070
internet connection being terminated or

974
00:45:24,000 --> 00:45:29,010
disconnected as your computer has been

975
00:45:26,070 --> 00:45:30,660
hacked or infected with malware and is

976
00:45:29,010 --> 00:45:33,510
threatening Telstra's internet

977
00:45:30,659 --> 00:45:35,639
infrastructure in order to fix the

978
00:45:33,510 --> 00:45:38,130
problem the caller will claim that you

979
00:45:35,639 --> 00:45:40,769
need to pay a service fee typically

980
00:45:38,130 --> 00:45:43,320
around ten dollars to have a specialist

981
00:45:40,769 --> 00:45:45,659
look at your computer they will also ask

982
00:45:43,320 --> 00:45:47,789
you to download a software program so

983
00:45:45,659 --> 00:45:51,659
that they can gain remote access to your

984
00:45:47,789 --> 00:45:53,369
computer and run a scan the scammer may

985
00:45:51,659 --> 00:45:55,889
initially sound professional and

986
00:45:53,369 --> 00:45:58,710
knowledgeable however they will be very

987
00:45:55,889 --> 00:46:00,869
persistent and may become abusive if you

988
00:45:58,710 --> 00:46:03,269
don't do what they ask they may even

989
00:46:00,869 --> 00:46:05,639
threaten to sue you for putting

990
00:46:03,269 --> 00:46:08,820
Telstra's internet infrastructure at

991
00:46:05,639 --> 00:46:12,420
risk if you provide your financial

992
00:46:08,820 --> 00:46:14,910
details or give remote access you might

993
00:46:12,420 --> 00:46:17,519
find a lot more money taken out of your

994
00:46:14,909 --> 00:46:19,469
bank account than you agree to with some

995
00:46:17,519 --> 00:46:21,360
victims reporting losing over five

996
00:46:19,469 --> 00:46:24,319
thousand dollars from multiple

997
00:46:21,360 --> 00:46:27,210
withdrawals your computer may also be

998

00:46:24,320 --> 00:46:30,630
infected with malicious software giving

999
00:46:27,210 --> 00:46:33,389
scammers access to your personal details

1000
00:46:30,630 --> 00:46:36,390
on the device including bank account

1001
00:46:33,389 --> 00:46:38,730
information note you don't have to be a

1002
00:46:36,389 --> 00:46:41,098
Telstra customer to be called by these

1003
00:46:38,730 --> 00:46:44,159
scammers you don't even have to own a

1004
00:46:41,099 --> 00:46:46,829
computer I would add a side note here to

1005
00:46:44,159 --> 00:46:49,500
say most calls I get are from someone

1006
00:46:46,829 --> 00:46:53,339
claiming to be from Microsoft wanting to

1007
00:46:49,500 --> 00:46:55,318
fix my computer protect yourself if you

1008
00:46:53,338 --> 00:46:56,880
receive a phone call out of the blue

1009
00:46:55,318 --> 00:46:59,429
from someone claiming to be a

1010
00:46:56,880 --> 00:47:01,858
representative of Telstra and their call

1011
00:46:59,429 --> 00:47:04,858
relates to a problem your internet

1012
00:47:01,858 --> 00:47:07,078

connection just hang up if you have any

1013

00:47:04,858 --> 00:47:08,788

doubts about the identity of any caller

1014

00:47:07,079 --> 00:47:11,099

who claims to represent a business

1015

00:47:08,789 --> 00:47:14,640

organization or government department

1016

00:47:11,099 --> 00:47:17,490

contact the body directly don't rely on

1017

00:47:14,639 --> 00:47:19,679

contact details provided by the person

1018

00:47:17,489 --> 00:47:21,629

find them through an independent source

1019

00:47:19,679 --> 00:47:24,210

such as the phone book or an online

1020

00:47:21,630 --> 00:47:27,240

search remember that you can still

1021

00:47:24,210 --> 00:47:29,789

receive scam calls even if you have a

1022

00:47:27,239 --> 00:47:32,068

private number or have listed your phone

1023

00:47:29,789 --> 00:47:35,250

number on Australian governments do not

1024

00:47:32,068 --> 00:47:38,130

call register scammers can obtain your

1025

00:47:35,250 --> 00:47:40,679

number fraudulently or from anywhere it

1026

00:47:38,130 --> 00:47:43,289

has been publicly listed such as the

1027
00:47:40,679 --> 00:47:46,259
phone book don't let scammers press your

1028
00:47:43,289 --> 00:47:47,730
buttons scammers use detailed scripts to

1029
00:47:46,259 --> 00:47:50,909
convince you that they are the real deal

1030
00:47:47,730 --> 00:47:54,599
and create a high-pressure situation to

1031
00:47:50,909 --> 00:47:56,639
make a decision on the spot always keep

1032
00:47:54,599 --> 00:47:59,338
your computer up to date with antivirus

1033
00:47:56,639 --> 00:48:02,219
and anti-spyware software and a good

1034
00:47:59,338 --> 00:48:04,018
firewall only by a computer and

1035
00:48:02,219 --> 00:48:07,618
antivirus software from a reputable

1036
00:48:04,018 --> 00:48:10,588
source never give your personal credit

1037
00:48:07,619 --> 00:48:13,740
card or online account details over the

1038
00:48:10,588 --> 00:48:16,518
phone unless you made the call and the

1039
00:48:13,739 --> 00:48:19,258
phone number came from a trusted source

1040
00:48:16,518 --> 00:48:21,959
never give a stranger remote access to

1041
00:48:19,259 --> 00:48:24,509
computer even if they claim to be from a

1042
00:48:21,960 --> 00:48:26,460
reputable business if you think your

1043
00:48:24,509 --> 00:48:28,710
computer security has been compromised

1044
00:48:26,460 --> 00:48:31,039
use your security software to run a

1045
00:48:28,710 --> 00:48:34,048
virus check if you still have doubts

1046
00:48:31,039 --> 00:48:37,200
contact your antivirus software provider

1047
00:48:34,048 --> 00:48:39,000
or a computer specialist if you think

1048
00:48:37,199 --> 00:48:41,578
you have provided your account details

1049
00:48:39,000 --> 00:48:44,369
to a scammer contact your bank or

1050
00:48:41,579 --> 00:48:47,230
financial institution immediately

1051
00:48:44,369 --> 00:48:51,130
you can report scams to the a Triple C

1052
00:48:47,230 --> 00:48:58,570
via the scam watch report a scam page or

1053
00:48:51,130 --> 00:49:00,550
by calling 1300 795 995 this information

1054
00:48:58,570 --> 00:49:22,090
comes courtesy of the scam watch web

1055

00:49:00,550 --> 00:49:24,460
page at wwc can watch gov au hello and

1056
00:49:22,090 --> 00:49:26,170
allah needle on solo scoffs of dick

1057
00:49:24,460 --> 00:49:28,539
moment when Tyrion at lowes another

1058
00:49:26,170 --> 00:49:33,639
skeptic zone for weed to stop and Katie

1059
00:49:28,539 --> 00:49:38,429
Schneider I'm moving from RC Connor we

1060
00:49:33,639 --> 00:49:38,429
may be but skeptics own funds TV

1061
00:49:51,579 --> 00:49:56,090
thank you for listening to the skeptic

1062
00:49:54,110 --> 00:49:58,070
zone and what a mixed bag it was this

1063
00:49:56,090 --> 00:50:00,769
week all sorts of different things

1064
00:49:58,070 --> 00:50:02,870
cropping up in this week's episode of

1065
00:50:00,769 --> 00:50:06,409
the skeptic zone thank you to those

1066
00:50:02,869 --> 00:50:08,839
listeners who are very kind and chip in

1067
00:50:06,409 --> 00:50:11,899
less than a dollar a week and if you

1068
00:50:08,840 --> 00:50:15,110
want to do that just visit www skeptic

1069
00:50:11,900 --> 00:50:17,720

zone TV and with paypal you can start

1070

00:50:15,110 --> 00:50:19,760

some micro payments less than a dollar a

1071

00:50:17,719 --> 00:50:23,059

week and it really does help me keep the

1072

00:50:19,760 --> 00:50:25,070

show ticking over I'm looking forward to

1073

00:50:23,059 --> 00:50:28,070

the amazing meeting of course later on

1074

00:50:25,070 --> 00:50:30,050

in the year in Las Vegas and I certainly

1075

00:50:28,070 --> 00:50:32,450

be doing my best running around with my

1076

00:50:30,050 --> 00:50:35,180

microphone to get lots of amazing

1077

00:50:32,449 --> 00:50:40,250

interviews and before I go a big shout

1078

00:50:35,179 --> 00:50:41,750

out to Joe alabaster hi Joe who you hear

1079

00:50:40,250 --> 00:50:44,000

from time to time on the skeptics earner

1080

00:50:41,750 --> 00:50:46,280

we seem to interview her a bit every now

1081

00:50:44,000 --> 00:50:49,730

and then Joe has been helping me greatly

1082

00:50:46,280 --> 00:50:51,680

in the last week or so cataloging the

1083

00:50:49,730 --> 00:50:53,780

entire run of the skeptic zone with the

1084
00:50:51,679 --> 00:50:56,419
contents of the show each show and who

1085
00:50:53,780 --> 00:50:59,120
them the major interview was this is all

1086
00:50:56,420 --> 00:51:02,630
going to be very useful arm for Susan go

1087
00:50:59,119 --> 00:51:05,029
back and her programs there involving

1088
00:51:02,630 --> 00:51:08,059
Wikipedia thanks Joe really appreciate

1089
00:51:05,030 --> 00:51:11,560
that but for this week this is Richard

1090
00:51:08,059 --> 00:51:18,559
Saunders looking for his rubber lifeboat

1091
00:51:11,559 --> 00:51:21,920
signing off from Sydney Australia you've

1092
00:51:18,559 --> 00:51:26,539
been listening to the skeptic zone visit

1093
00:51:21,920 --> 00:51:29,030
our website at [www.skeptics on TV](http://www.skepticsontv.com) for

1094
00:51:26,539 --> 00:51:31,659
comments contacts and extra video

1095
00:51:29,030 --> 00:51:31,660
reports