

1
00:00:06,150 --> 00:00:13,699
welcome to the skeptic zone the podcast

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

3
00:00:22,070 --> 00:00:27,929
hello and welcome to the skeptic zone

4
00:00:24,660 --> 00:00:30,570
episode number 339 for the 19th of

5
00:00:27,929 --> 00:00:33,570
April 2015 Richard Saunders here with

6
00:00:30,570 --> 00:00:36,230
you in Sydney Australia thinking

7
00:00:33,570 --> 00:00:39,960
thinking thinking about Sweden because

8
00:00:36,229 --> 00:00:42,088
as you would have heard a couple of

9
00:00:39,960 --> 00:00:43,768
weeks ago on the skeptic zone the

10
00:00:42,088 --> 00:00:48,808
Swedish skeptics were going to have a

11
00:00:43,768 --> 00:00:51,960
meeting and together they and I produced

12
00:00:48,808 --> 00:00:55,019
a Swedish version of the DVD the

13
00:00:51,960 --> 00:00:57,299
vaccination Chronicles well they posted

14
00:00:55,020 --> 00:00:58,920
up a picture of their conference and

15
00:00:57,299 --> 00:01:00,869
everybody's holding up a copy of the

16
00:00:58,920 --> 00:01:04,379
Swedish vaccination chronicles

17
00:01:00,869 --> 00:01:07,319
documentary that's quite a nice feeling

18
00:01:04,379 --> 00:01:09,689
Thank You Swedish skeptics let's hope

19
00:01:07,319 --> 00:01:12,178
that DVD makes it to the right people

20
00:01:09,689 --> 00:01:20,159
and does some good find out more by

21
00:01:12,179 --> 00:01:22,950
visiting WWF se but coming up on this

22
00:01:20,159 --> 00:01:25,950
week's show it's the raw skeptic report

23
00:01:22,950 --> 00:01:27,359
with Heidi Robertson and Wow Heidi and

24
00:01:25,950 --> 00:01:30,000
her friends at the Northern Rivers

25
00:01:27,359 --> 00:01:33,319
vaccination supporters have they had a

26
00:01:30,000 --> 00:01:35,959
week have they had a week they have been

27
00:01:33,319 --> 00:01:39,390
interviewed by every conceivable

28
00:01:35,959 --> 00:01:41,609
reporter in the country I think wow all

29

00:01:39,390 --> 00:01:44,728
about this government initiative to

30
00:01:41,609 --> 00:01:46,618
crack down on conscientious objectors to

31
00:01:44,728 --> 00:01:48,539
vaccination now the Northern Rivers

32
00:01:46,618 --> 00:01:50,640
vaccination supported group is centered

33
00:01:48,539 --> 00:01:53,399
in Mullen bimbi which has the lowest

34
00:01:50,640 --> 00:01:56,819
rate of vaccination in the country a

35
00:01:53,399 --> 00:01:58,500
disgraceful thing so we're going to be

36
00:01:56,819 --> 00:02:01,530
chatting to highly coming up at the top

37
00:01:58,500 --> 00:02:04,560
of the show all about her big week her

38
00:02:01,530 --> 00:02:07,200
and her friends the media she's done and

39
00:02:04,560 --> 00:02:09,539
more about the situation in malam mb why

40
00:02:07,200 --> 00:02:13,439
are there so many people who have

41
00:02:09,538 --> 00:02:15,479
dropped out of mainstream society well

42
00:02:13,439 --> 00:02:17,009
that's their right I suppose but they

43
00:02:15,479 --> 00:02:19,709

seem to have dropped their common sense

44

00:02:17,009 --> 00:02:22,469
as well we'll find out with the raw

45

00:02:19,709 --> 00:02:24,180
skeptical report after that it's a wig and

46

00:02:22,469 --> 00:02:25,949
science from the Royal Institution of

47

00:02:24,180 --> 00:02:30,510
Australia our good friends and a blade w

48

00:02:25,949 --> 00:02:32,649
WR IA us or good day you and after that

49

00:02:30,509 --> 00:02:36,139
some news about an upcoming

50

00:02:32,650 --> 00:02:37,840
interview show talk show start talk with

51

00:02:36,139 --> 00:02:40,429
Neil deGrasse Tyson which is a

52

00:02:37,840 --> 00:02:42,409
premiering in Australia here on the

53

00:02:40,430 --> 00:02:44,330
national geographic channel so I'll have

54

00:02:42,409 --> 00:02:45,680
a little chat about that thanks to our

55

00:02:44,330 --> 00:02:47,320
friends at the national geographic

56

00:02:45,680 --> 00:02:50,180
channel for sending me a couple of

57

00:02:47,319 --> 00:02:52,159
preview episodes enjoying that immensely

58
00:02:50,180 --> 00:02:53,870
and then the round off the show our

59
00:02:52,159 --> 00:02:55,879
special guest Ross bolts from the

60
00:02:53,870 --> 00:02:57,680
Brisbane skeptics society and the

61
00:02:55,879 --> 00:03:00,019
skeptically challenge podcast will be

62
00:02:57,680 --> 00:03:03,129
reading out an open letter to the

63
00:03:00,020 --> 00:03:06,050
Brisbane City Council about a banner

64
00:03:03,129 --> 00:03:08,780
strung across a busy Brisbane Street

65
00:03:06,050 --> 00:03:10,939
spruiking world homeopathy Awareness

66
00:03:08,780 --> 00:03:15,199
Week yes folks we all should be aware of

67
00:03:10,939 --> 00:03:17,479
homeopathy and just how ridiculous it is

68
00:03:15,199 --> 00:03:19,819
now before we get stuck into the show

69
00:03:17,479 --> 00:03:23,060
I'm very pleased to say that I will be

70
00:03:19,819 --> 00:03:26,329
attending the amazing meeting tam oh yes

71
00:03:23,060 --> 00:03:27,740
coming up again in Las Vegas in a couple

72
00:03:26,330 --> 00:03:29,300
of months time looking forward to

73
00:03:27,740 --> 00:03:32,030
catching up with lots of friends lots of

74
00:03:29,300 --> 00:03:34,460
skeptics seeing Randy again always a

75
00:03:32,030 --> 00:03:37,039
busy time always a busy time but always

76
00:03:34,460 --> 00:03:39,560
a wonderful convention with lots going

77
00:03:37,039 --> 00:03:42,500
on lots to learn lots to do lots to see

78
00:03:39,560 --> 00:03:44,390
more news about the amazing meeting and

79
00:03:42,500 --> 00:03:47,000
hopefully a chat with Randy himself in

80
00:03:44,389 --> 00:03:49,219
the coming weeks but now it's time for

81
00:03:47,000 --> 00:03:53,479
me to run downstairs open up the ladder

82
00:03:49,219 --> 00:03:57,770
the pantry the cupboard the oven the

83
00:03:53,479 --> 00:03:59,810
fridge the stove the range look into the

84
00:03:57,770 --> 00:04:02,780
frying pans I wonder if I can find some

85
00:03:59,810 --> 00:04:06,640
nice olive bread hmm have that with a

86

00:04:02,780 --> 00:04:09,909
little bit of our maybe smashed avocado

87
00:04:06,639 --> 00:04:13,639
yeah olive oil on top of that may be

88
00:04:09,909 --> 00:04:16,608
toasted or not we'll see mmm YUM hmm

89
00:04:13,639 --> 00:04:19,269
well I'm doing that I hope you enjoy the

90
00:04:16,608 --> 00:04:19,269
skeptics are

91
00:04:38,139 --> 00:04:51,650
it's the raw skeptic report with Heidi

92
00:04:42,139 --> 00:04:53,329
Robertson yes it's the raw skeptic

93
00:04:51,649 --> 00:04:55,370
report I'm not hiding Roberts in there

94
00:04:53,329 --> 00:04:57,439
but but Heidi Robertson is on the line

95
00:04:55,370 --> 00:04:59,478
all the way from the beautiful Northern

96
00:04:57,439 --> 00:05:03,620
Rivers area of New South Wales here in

97
00:04:59,478 --> 00:05:05,180
Australia hello Heidi hello it's good to

98
00:05:03,620 --> 00:05:06,949
see you because for the benefit of our

99
00:05:05,180 --> 00:05:08,810
listeners we are skypeing at the moment

100
00:05:06,949 --> 00:05:11,379

now you are sitting in your home with a

101

00:05:08,810 --> 00:05:13,759

lush greenery out the window I can see

102

00:05:11,379 --> 00:05:16,610

it's a nice place to live isn't at the

103

00:05:13,759 --> 00:05:18,889

moment memory area it's a gorgeous place

104

00:05:16,610 --> 00:05:20,658

to live it's a gorgeous place it's very

105

00:05:18,889 --> 00:05:23,990

beautiful with the close to the coast

106

00:05:20,658 --> 00:05:26,598

we've got rain forest we've got it's

107

00:05:23,990 --> 00:05:29,870

it's just lovely yes it is and I speak

108

00:05:26,598 --> 00:05:33,918

from experience because I lived there

109

00:05:29,870 --> 00:05:37,009

from 1975 till 1980s or something like

110

00:05:33,918 --> 00:05:41,629

that went to Muhlenberg be primary

111

00:05:37,009 --> 00:05:45,050

school cheers and good good memories

112

00:05:41,629 --> 00:05:47,000

there so it for me it really strikes a

113

00:05:45,050 --> 00:05:48,800

chord all this news that we're going to

114

00:05:47,000 --> 00:05:50,360

be discussing today and its relevance to

115
00:05:48,800 --> 00:05:52,669
Mullen baby well let's start at the very

116
00:05:50,360 --> 00:05:55,310
beginning because what a week it's been

117
00:05:52,668 --> 00:05:57,589
Heidi what a week it's been last week on

118
00:05:55,310 --> 00:05:59,598
the skeptic zone I read the statement

119
00:05:57,589 --> 00:06:02,060
from the government about their moves on

120
00:05:59,598 --> 00:06:03,918
vaccinations so I guess all I can do is

121
00:06:02,060 --> 00:06:05,810
get you to take up the story from there

122
00:06:03,918 --> 00:06:09,228
from your point of view because you've

123
00:06:05,810 --> 00:06:12,339
been really getting out there ah it's

124
00:06:09,228 --> 00:06:15,079
just been crazy this week absolutely

125
00:06:12,339 --> 00:06:18,799
completely I can't even begin to

126
00:06:15,079 --> 00:06:23,478
describe it but yes oh the the the

127
00:06:18,800 --> 00:06:27,500
statement from both liberal and labor

128
00:06:23,478 --> 00:06:29,899
parties so it was a I guess a bipartisan

129
00:06:27,500 --> 00:06:33,199
thing that happened about the no job no

130
00:06:29,899 --> 00:06:36,049
pay initiatives that they're going to

131
00:06:33,199 --> 00:06:38,480
bring in so that broke on the weekend

132
00:06:36,050 --> 00:06:41,329
last weekend

133
00:06:38,480 --> 00:06:43,460
and on the Monday morning I guess

134
00:06:41,329 --> 00:06:46,009
because all the journalists go back to

135
00:06:43,459 --> 00:06:48,289
work on the Monday morning we were just

136
00:06:46,009 --> 00:06:50,089
absolutely inundated our group the

137
00:06:48,290 --> 00:06:52,990
Northern Rivers vaccination supporters

138
00:06:50,089 --> 00:06:58,849
we were inundated with requests for

139
00:06:52,990 --> 00:07:00,620
media interviews print radio and TV you

140
00:06:58,850 --> 00:07:03,160
were indeed because I've been sitting

141
00:07:00,620 --> 00:07:05,870
here at home getting alerts from you

142
00:07:03,160 --> 00:07:08,540
watch this TV show watch that TV show

143

00:07:05,870 --> 00:07:11,480
and turn on the TV and there you are

144
00:07:08,540 --> 00:07:13,250
it's been quite something it has yep it

145
00:07:11,480 --> 00:07:17,090
started quite early on Monday morning

146
00:07:13,250 --> 00:07:22,970
actually we got a request from ABC north

147
00:07:17,089 --> 00:07:26,869
coast radio to for a representative from

148
00:07:22,970 --> 00:07:29,150
our group to comment on what we thought

149
00:07:26,870 --> 00:07:33,530
of the of the government's proposed

150
00:07:29,149 --> 00:07:34,909
initiatives so I did I did that

151
00:07:33,529 --> 00:07:37,519
interview that was that were actually

152
00:07:34,910 --> 00:07:40,010
went for about 20 minutes so that was a

153
00:07:37,519 --> 00:07:42,349
that's a little something on if you get

154
00:07:40,009 --> 00:07:43,550
interviewed on on radio 4 to put your

155
00:07:42,350 --> 00:07:47,750
point of view and your interviewed for

156
00:07:43,550 --> 00:07:50,120
20 minutes you're doing well yes yes I

157
00:07:47,750 --> 00:07:51,529

was really nervous I'd never it was sort

158

00:07:50,120 --> 00:07:56,660

of first thing I was still in my pajamas

159

00:07:51,529 --> 00:07:59,389

Richard and office I was I was really

160

00:07:56,660 --> 00:08:02,360

nervous I could I could hear my drive or

161

00:07:59,389 --> 00:08:05,329

as I could hear myself but that was okay

162

00:08:02,360 --> 00:08:10,370

I think that went well and as a result

163

00:08:05,329 --> 00:08:12,769

of that radio interview we then our

164

00:08:10,370 --> 00:08:16,069

group then got contacted by the local

165

00:08:12,769 --> 00:08:19,819

channel seven prime and channel 9 n VN

166

00:08:16,069 --> 00:08:22,790

News teams that also wanted to talk with

167

00:08:19,819 --> 00:08:26,500

us so that very same day on the Monday

168

00:08:22,790 --> 00:08:30,260

they they both sent camera crews out and

169

00:08:26,500 --> 00:08:32,929

and I did to television to television

170

00:08:30,259 --> 00:08:38,720

interviews for local to local TV

171

00:08:32,929 --> 00:08:41,359

stations one of those was we feel we

172
00:08:38,720 --> 00:08:44,330
filmed it in another one of our admins

173
00:08:41,360 --> 00:08:46,820
houses Alison's house but the other crew

174
00:08:44,330 --> 00:08:50,150
the NBN crew the channel nine crew they

175
00:08:46,820 --> 00:08:52,490
wanted to actually film this story are

176
00:08:50,149 --> 00:08:54,949
in the main street of mullein bimbi

177
00:08:52,490 --> 00:08:58,759
yeah I have to say I was a little bit

178
00:08:54,950 --> 00:09:01,060
nervous about that because of all the

179
00:08:58,759 --> 00:09:03,950
high emotions going on at the moment

180
00:09:01,059 --> 00:09:05,899
around town surrounding these

181
00:09:03,950 --> 00:09:09,740
initiatives there's a lot of anger yes

182
00:09:05,899 --> 00:09:11,480
and but anyway we did that the crew we

183
00:09:09,740 --> 00:09:14,060
went to the main street of pollen bambi

184
00:09:11,480 --> 00:09:18,709
we stood outside the smullin bimbi sari

185
00:09:14,059 --> 00:09:21,019
shop and and they they interviewed me

186
00:09:18,708 --> 00:09:23,629
and and there were lots of people sort

187
00:09:21,019 --> 00:09:25,338
of very interested and having a look and

188
00:09:23,629 --> 00:09:28,100
slowing down and trying to hear what was

189
00:09:25,339 --> 00:09:31,580
being said and then right at the end of

190
00:09:28,100 --> 00:09:34,970
the interview the camera stopped rolling

191
00:09:31,580 --> 00:09:39,200
and a lady came up and she was

192
00:09:34,970 --> 00:09:44,149
absolutely incensed I kind of wish that

193
00:09:39,200 --> 00:09:48,580
camera have kept rolling because she she

194
00:09:44,149 --> 00:09:52,039
just went off a rocker she said she was

195
00:09:48,580 --> 00:09:54,350
she said she she came from the area she

196
00:09:52,039 --> 00:09:57,259
came from a facility that had that had

197
00:09:54,350 --> 00:10:00,639
all unamused children they were all

198
00:09:57,259 --> 00:10:04,578
extremely I think she used the words

199
00:10:00,639 --> 00:10:06,949
wild livered and that they were going to

200

00:10:04,578 --> 00:10:10,009
mount a campaign against this the likes

201
00:10:06,950 --> 00:10:13,790
of the CSG the coal seam gas can train

202
00:10:10,009 --> 00:10:15,559
them yes he she looked at me and she

203
00:10:13,789 --> 00:10:18,980
said well I don't know what side you're

204
00:10:15,559 --> 00:10:21,109
on I didn't answer that because she was

205
00:10:18,980 --> 00:10:22,519
extremely angry I just said to their

206
00:10:21,110 --> 00:10:26,240
camera crew i'll i'll leave you with

207
00:10:22,519 --> 00:10:28,669
this and I turned and walk away well I

208
00:10:26,240 --> 00:10:32,000
certainly an issue that does bring out

209
00:10:28,669 --> 00:10:35,088
strong emotions no doubt and I must say

210
00:10:32,000 --> 00:10:37,578
that although you do your best i do my

211
00:10:35,089 --> 00:10:41,920
best over soon and like-minded people

212
00:10:37,578 --> 00:10:45,799
what I hope we don't do is is lit out

213
00:10:41,919 --> 00:10:47,419
desire for the what we see is the right

214
00:10:45,799 --> 00:10:49,219

side of this issue get the better of us

215

00:10:47,419 --> 00:10:50,778

and I think we see that a lot in the

216

00:10:49,220 --> 00:10:54,579

anti-vaccination movement where they can

217

00:10:50,778 --> 00:10:58,399

get sometimes bordering on hysterical

218

00:10:54,578 --> 00:11:00,439

yep that's true and to be fair I've seen

219

00:10:58,399 --> 00:11:02,750

that as well from the probe axon a

220

00:11:00,440 --> 00:11:04,670

can happen we try not we try we do our

221

00:11:02,750 --> 00:11:05,809

best you know people are human i agree

222

00:11:04,669 --> 00:11:07,370

but I

223

00:11:05,809 --> 00:11:11,809

I see it far more from the other side

224

00:11:07,370 --> 00:11:14,409

yeah I think so too but you know it's

225

00:11:11,809 --> 00:11:17,419

it's really it's really important that

226

00:11:14,409 --> 00:11:19,519

we recognize that anything that's going

227

00:11:17,419 --> 00:11:21,679

to affect people's children is going to

228

00:11:19,519 --> 00:11:23,809

be a motive there's no there's no

229
00:11:21,679 --> 00:11:29,479
question about that and no no one's

230
00:11:23,809 --> 00:11:30,889
insinuating that anyone's out to to do

231
00:11:29,480 --> 00:11:32,300
the wrong thing by their children

232
00:11:30,889 --> 00:11:33,620
everyone wants to do the right thing

233
00:11:32,299 --> 00:11:35,719
with their children the problem with it

234
00:11:33,620 --> 00:11:37,549
is that the people that are not

235
00:11:35,720 --> 00:11:40,278
vaccinating their children because of

236
00:11:37,549 --> 00:11:42,909
philosophical beliefs are getting their

237
00:11:40,278 --> 00:11:45,559
information from the wrong sources and

238
00:11:42,909 --> 00:11:48,370
that's the concerning bit because we've

239
00:11:45,559 --> 00:11:50,719
got so much misinformation in this area

240
00:11:48,370 --> 00:11:52,100
you really do you really do but what I'd

241
00:11:50,720 --> 00:11:53,750
like to do now just for the benefit of

242
00:11:52,100 --> 00:11:57,490
our listeners I'll play a little clip

243
00:11:53,750 --> 00:12:01,039
from you being interviewed on that very

244
00:11:57,490 --> 00:12:02,659
TV show little baby Riley Hughes that

245
00:12:01,039 --> 00:12:05,449
just lost his life to pertussis whooping

246
00:12:02,659 --> 00:12:07,759
cough in Western Australia and Dana

247
00:12:05,450 --> 00:12:10,310
McCaffrey who lost her life also at 32

248
00:12:07,759 --> 00:12:12,860
days both came from regions that have

249
00:12:10,309 --> 00:12:15,319
very very low vaccination rates and it's

250
00:12:12,860 --> 00:12:18,139
our responsibility as a community as a

251
00:12:15,320 --> 00:12:20,600
society to protect the vulnerable well

252
00:12:18,139 --> 00:12:23,838
well done highly indeed I know how well

253
00:12:20,600 --> 00:12:25,700
it's odd it's odd to be interviewed on

254
00:12:23,839 --> 00:12:28,040
TV with a camera in your face and a

255
00:12:25,700 --> 00:12:31,850
reporter there but you kept going and

256
00:12:28,039 --> 00:12:35,379
indeed you ended up on the national ABC

257

00:12:31,850 --> 00:12:41,779
television program the 730 report yes

258
00:12:35,379 --> 00:12:44,149
yes that was a that was amazing the the

259
00:12:41,779 --> 00:12:46,220
730 report one of the journalists there

260
00:12:44,149 --> 00:12:47,899
Peter McCutcheon he's a senior

261
00:12:46,220 --> 00:12:51,620
journalist in a former foreign

262
00:12:47,899 --> 00:12:54,259
correspondent with the 730 report he he

263
00:12:51,620 --> 00:12:56,389
gave us a call I spent about half an

264
00:12:54,259 --> 00:12:58,279
hour on the phone with him to start with

265
00:12:56,389 --> 00:13:00,860
and then he rang me back about it an

266
00:12:58,279 --> 00:13:02,629
hour later and said yes they want to run

267
00:13:00,860 --> 00:13:05,570
with the story can they please send a

268
00:13:02,629 --> 00:13:06,889
camera crew down from Brisbane to us and

269
00:13:05,570 --> 00:13:09,890
in mulund bindi which is about a

270
00:13:06,889 --> 00:13:12,620
two-hour drive yeah I'm so first thing

271
00:13:09,889 --> 00:13:16,250

Tuesday morning this week that happened

272

00:13:12,620 --> 00:13:18,860

and and and that was great i think that

273

00:13:16,250 --> 00:13:19,610

came across swell on the 730 report yes

274

00:13:18,860 --> 00:13:20,930

it did

275

00:13:19,610 --> 00:13:22,610

yes I think you came across very well

276

00:13:20,929 --> 00:13:24,349

and in fact I was very pleased to see

277

00:13:22,610 --> 00:13:26,180

you on the seven or 30 aught but it

278

00:13:24,350 --> 00:13:29,269

doesn't end there I think you and

279

00:13:26,179 --> 00:13:32,629

Allison Gaylord have been even even been

280

00:13:29,269 --> 00:13:35,179

doing some more yes well in between that

281

00:13:32,629 --> 00:13:38,059

there's there's also been interviews

282

00:13:35,179 --> 00:13:39,528

with the local newspapers there's tweed

283

00:13:38,059 --> 00:13:44,000

valley news there's the Northern Star

284

00:13:39,528 --> 00:13:48,139

and here's something funny we even got a

285

00:13:44,000 --> 00:13:52,850

call from a journalist in Sydney who

286
00:13:48,139 --> 00:13:55,970
writes for a Danish newspaper I was on

287
00:13:52,850 --> 00:13:59,389
the phone with her for about an hour and

288
00:13:55,970 --> 00:14:03,379
she works for one of the two or three

289
00:13:59,389 --> 00:14:05,028
major newspapers over there so that was

290
00:14:03,379 --> 00:14:07,519
great that's going to be she's going to

291
00:14:05,028 --> 00:14:10,039
send me a link to that which we're going

292
00:14:07,519 --> 00:14:12,500
to get translated so see how that comes

293
00:14:10,039 --> 00:14:13,730
good heavens but right now for again for

294
00:14:12,500 --> 00:14:16,339
the benefit of Allison's I'll just play

295
00:14:13,730 --> 00:14:18,940
a little clip from you on the 730

296
00:14:16,339 --> 00:14:18,940
reporter

297
00:14:21,340 --> 00:14:27,730
we have a vaccination rate human Mullen

298
00:14:24,190 --> 00:14:30,550
Bimby that equals that of the developing

299
00:14:27,730 --> 00:14:32,830
country of South Sudan which sound a

300
00:14:30,549 --> 00:14:37,299
fifty percent of kids aged five are

301
00:14:32,830 --> 00:14:38,950
fully vaccinated Heidi Robertson feared

302
00:14:37,299 --> 00:14:41,289
she would lose her baby after

303
00:14:38,950 --> 00:14:43,420
contracting whooping cough late in her

304
00:14:41,289 --> 00:14:45,549
second pregnancy the frightening

305
00:14:43,419 --> 00:14:48,129
experience motivated her to join with

306
00:14:45,549 --> 00:14:52,149
other concerned citizens to help save

307
00:14:48,129 --> 00:14:54,580
lives in this area vaccination was like

308
00:14:52,149 --> 00:14:56,230
a taboo subject it was like bringing up

309
00:14:54,580 --> 00:14:59,410
religion or politics at a dinner party

310
00:14:56,230 --> 00:15:01,840
it just didn't do it the Northern Rivers

311
00:14:59,409 --> 00:15:04,149
vaccination supporters are not sure how

312
00:15:01,840 --> 00:15:06,460
many locals particularly those who are

313
00:15:04,149 --> 00:15:08,529
still undecided about the benefits of

314

00:15:06,460 --> 00:15:10,450
vaccinations will react to the

315
00:15:08,529 --> 00:15:12,309
government's crackdown we're taking a

316
00:15:10,450 --> 00:15:16,360
bit of a wait and see it look approach

317
00:15:12,309 --> 00:15:18,039
to that because that well the reason for

318
00:15:16,360 --> 00:15:20,950
that is that there hasn't been any

319
00:15:18,039 --> 00:15:23,169
research done in two unique demographics

320
00:15:20,950 --> 00:15:25,300
like ours here in the Northern Rivers we

321
00:15:23,169 --> 00:15:28,299
just simply don't know if it's going to

322
00:15:25,299 --> 00:15:29,949
work or if it's not going to work again

323
00:15:28,299 --> 00:15:31,179
well done well done Heidi and I was

324
00:15:29,950 --> 00:15:34,080
actually quite tickled to think that

325
00:15:31,179 --> 00:15:37,539
you've been interviewed by someone

326
00:15:34,080 --> 00:15:39,190
representing the Danish news and just

327
00:15:37,539 --> 00:15:40,899
reminded me that the the little

328
00:15:39,190 --> 00:15:42,970

documentary the vaccination chronicles

329

00:15:40,899 --> 00:15:44,559

is subtitled in Danish on youtube as

330

00:15:42,970 --> 00:15:46,509

well so that's quite thrilling well I

331

00:15:44,559 --> 00:15:49,169

told her about that because one of her

332

00:15:46,509 --> 00:15:51,700

questions was do you think people have

333

00:15:49,169 --> 00:15:53,349

become complacent because they're not

334

00:15:51,700 --> 00:15:56,350

seeing the disease's around these days

335

00:15:53,350 --> 00:15:58,300

and I said well that's exactly right i

336

00:15:56,350 --> 00:15:59,830

think that's see that's a big factor in

337

00:15:58,299 --> 00:16:03,879

all of this and i told her about the

338

00:15:59,830 --> 00:16:05,470

vaccination chronicles and told her the

339

00:16:03,879 --> 00:16:07,480

link where she could see it as well

340

00:16:05,470 --> 00:16:09,330

thank you very much no it's an

341

00:16:07,480 --> 00:16:12,850

interesting point you raised about

342

00:16:09,330 --> 00:16:14,379

people's perception I think and you were

343
00:16:12,850 --> 00:16:15,970
just having a quick word to me before we

344
00:16:14,379 --> 00:16:17,860
started the interview about the area you

345
00:16:15,970 --> 00:16:20,170
live in them northern rivers the mullen

346
00:16:17,860 --> 00:16:22,419
bimbi area and you're making the comment

347
00:16:20,169 --> 00:16:25,809
to me that a lot of people in that area

348
00:16:22,419 --> 00:16:27,429
don't have a medical doctor as their

349
00:16:25,809 --> 00:16:30,879
first port of call for their medical

350
00:16:27,429 --> 00:16:33,159
needs yeah well well I don't I don't

351
00:16:30,879 --> 00:16:35,139
have any evidence for that as such it's

352
00:16:33,159 --> 00:16:38,558
just from reading

353
00:16:35,139 --> 00:16:40,989
a lot of the online groups local groups

354
00:16:38,558 --> 00:16:43,419
and and forums and a lot of them will

355
00:16:40,989 --> 00:16:45,910
say that they will not go to see a GP

356
00:16:43,419 --> 00:16:47,738
they instead for their primary health

357
00:16:45,909 --> 00:16:50,039
care provided they'll see a homeopath

358
00:16:47,739 --> 00:16:53,949
the herbalist a chiropractor and

359
00:16:50,039 --> 00:16:57,068
acupuncturist and so on so our concern

360
00:16:53,948 --> 00:16:58,628
as well is that the actual notification

361
00:16:57,068 --> 00:17:03,399
rates of these vaccine-preventable

362
00:16:58,629 --> 00:17:06,730
diseases might not actually accurately

363
00:17:03,399 --> 00:17:09,278
truly reflect the incidence rates of

364
00:17:06,730 --> 00:17:11,620
them because if you're not going to a GP

365
00:17:09,278 --> 00:17:14,919
you're not going to get diagnosed with

366
00:17:11,619 --> 00:17:17,229
say whooping cough or measles or

367
00:17:14,919 --> 00:17:19,839
whatever so we don't actually know if

368
00:17:17,230 --> 00:17:22,838
the notification rates in our area which

369
00:17:19,838 --> 00:17:25,240
are bad enough as it is actually truly

370
00:17:22,838 --> 00:17:27,250
reflect what's happening here that's

371

00:17:25,240 --> 00:17:30,548
that's not good but that's quite scary

372
00:17:27,250 --> 00:17:32,380
to consider that possibility but I can I

373
00:17:30,548 --> 00:17:37,259
can will believe that a lot of people in

374
00:17:32,380 --> 00:17:40,720
that area would be seeing non

375
00:17:37,259 --> 00:17:41,798
evidence-based of people for their

376
00:17:40,720 --> 00:17:45,240
primary health care because they think

377
00:17:41,798 --> 00:17:47,769
that's the right thing to do maybe yes

378
00:17:45,240 --> 00:17:50,319
what's the expression have been sold a

379
00:17:47,769 --> 00:17:52,808
pup they've been taught you know this is

380
00:17:50,319 --> 00:17:54,339
the right thing to do and ultimately of

381
00:17:52,808 --> 00:17:55,869
course they're putting their health and

382
00:17:54,339 --> 00:18:00,819
the health of their children at great

383
00:17:55,869 --> 00:18:03,069
risk yeah that's exactly right and the

384
00:18:00,819 --> 00:18:05,829
whole nature nature knows best and let's

385
00:18:03,069 --> 00:18:08,500

not interfere with nature just the other

386

00:18:05,829 --> 00:18:11,259

day I was I was teaching in a staid

387

00:18:08,500 --> 00:18:14,700

course in one of the one of one of the

388

00:18:11,259 --> 00:18:17,589

mums there during the break said to me

389

00:18:14,700 --> 00:18:21,069

that she was concerned that a friend of

390

00:18:17,589 --> 00:18:25,359

hers child had a temperature of 40

391

00:18:21,069 --> 00:18:27,700

degrees Celsius for three days my friend

392

00:18:25,359 --> 00:18:29,699

said to her have you gone to see the GP

393

00:18:27,700 --> 00:18:33,880

and she said no we don't believe in GPS

394

00:18:29,700 --> 00:18:35,950

we are keeping the child warm ragging

395

00:18:33,880 --> 00:18:38,559

and this is a little baby they've been

396

00:18:35,950 --> 00:18:40,179

keeping the baby rug Doug and warm which

397

00:18:38,558 --> 00:18:41,859

is possibly the worst thing you can do

398

00:18:40,179 --> 00:18:43,090

with for a child with a fever because

399

00:18:41,859 --> 00:18:45,250

they can't control their body

400
00:18:43,089 --> 00:18:47,949
temperature as well as we can

401
00:18:45,250 --> 00:18:52,210
and the the thing is they have such a

402
00:18:47,950 --> 00:18:53,730
mistrust of the medical profession that

403
00:18:52,210 --> 00:18:57,490
you know there's an anti-establishment

404
00:18:53,730 --> 00:19:01,360
view in general here to the point where

405
00:18:57,490 --> 00:19:03,849
it's putting babies lives at risk well

406
00:19:01,359 --> 00:19:06,519
it is and not only their own babies but

407
00:19:03,849 --> 00:19:08,500
as this sort of gets worse it's the

408
00:19:06,519 --> 00:19:13,029
babies in the general population now

409
00:19:08,500 --> 00:19:14,680
become becoming at risk from which must

410
00:19:13,029 --> 00:19:17,410
surely happen because things like

411
00:19:14,680 --> 00:19:20,590
whooping cough and measles and whatnot

412
00:19:17,410 --> 00:19:22,870
aren't being counted as they should yep

413
00:19:20,589 --> 00:19:25,569
and there's no herd immunity obviously

414
00:19:22,869 --> 00:19:27,579
so you tell me that the vaccination rate

415
00:19:25,569 --> 00:19:30,069
in mulund Mindy is just below fifty

416
00:19:27,579 --> 00:19:32,980
percent I think yes we've got in

417
00:19:30,069 --> 00:19:35,500
mullumbimby it's the worst rate in

418
00:19:32,980 --> 00:19:37,120
Australia it's just under fifty percent

419
00:19:35,500 --> 00:19:40,630
of five year olds that are fully

420
00:19:37,119 --> 00:19:42,909
vaccinated and ours yeah and the other

421
00:19:40,630 --> 00:19:46,560
statistic that's interesting is that so

422
00:19:42,910 --> 00:19:52,330
out of the fifty fifty one percent that

423
00:19:46,559 --> 00:19:56,470
are not fully vaccinated about fifty

424
00:19:52,329 --> 00:19:59,679
percent of that 51% have registered as

425
00:19:56,470 --> 00:20:01,630
conscientious objectors Wow well that's

426
00:19:59,680 --> 00:20:03,160
that that's amazing i mean i did i'm

427
00:20:01,630 --> 00:20:04,390
trying to think now it's been a long

428

00:20:03,160 --> 00:20:06,070
time since i've lived in the area

429
00:20:04,390 --> 00:20:08,410
obviously but it wasn't like that when I

430
00:20:06,069 --> 00:20:11,009
was growing up I'm it was it was

431
00:20:08,410 --> 00:20:14,830
certainly more

432
00:20:11,009 --> 00:20:16,659
mainstream although it was always well

433
00:20:14,829 --> 00:20:19,439
since the late 60s I suppose that area

434
00:20:16,659 --> 00:20:22,539
of Australia has been the hippie capital

435
00:20:19,440 --> 00:20:23,919
yeah wasn't it the Aquarius festival

436
00:20:22,538 --> 00:20:25,869
that kicked it all off something like

437
00:20:23,919 --> 00:20:27,909
that okay yeah well can you google that

438
00:20:25,869 --> 00:20:29,709
and actually I encourage people no

439
00:20:27,909 --> 00:20:31,450
matter where you're listening have a

440
00:20:29,710 --> 00:20:33,730
look at the area go to Google Maps or

441
00:20:31,450 --> 00:20:37,929
your favorite program and just type in

442
00:20:33,730 --> 00:20:39,880

Mullin bimbi and you'll see it's a tiny

443

00:20:37,929 --> 00:20:41,610

little town it's near the ocean it's

444

00:20:39,880 --> 00:20:43,960

near Byron Bay which is a beautiful spot

445

00:20:41,609 --> 00:20:45,908

there's a little mountain or they call

446

00:20:43,960 --> 00:20:47,769

them out notch in kogan which dominates

447

00:20:45,909 --> 00:20:49,570

Mullen BB and they used to have a run up

448

00:20:47,769 --> 00:20:51,819

there every year as part of the fiesta

449

00:20:49,569 --> 00:20:53,918

so it is it's a wonderful place for

450

00:20:51,819 --> 00:20:56,048

anybody to grow up and I enjoyed my time

451

00:20:53,919 --> 00:20:59,500

in that area so it is sad to say that

452

00:20:56,048 --> 00:21:04,349

this sort of thing has taken hold it is

453

00:20:59,500 --> 00:21:08,798

it is but focusing on a positive is that

454

00:21:04,349 --> 00:21:12,638

the last week with the media the media

455

00:21:08,798 --> 00:21:18,579

actually haven't given much air time at

456

00:21:12,638 --> 00:21:20,229

all to the avn yeah yeah yeah the what

457
00:21:18,579 --> 00:21:22,028
they used to be called the Australian

458
00:21:20,230 --> 00:21:23,288
vaccination network and they were forced

459
00:21:22,028 --> 00:21:26,200
to change the name they changed the

460
00:21:23,288 --> 00:21:29,349
Australian vaccination skeptics Network

461
00:21:26,200 --> 00:21:30,819
boo boo hiss hiss between which we

462
00:21:29,349 --> 00:21:34,388
weren't very happy about but there you

463
00:21:30,819 --> 00:21:37,538
go but yes they are there it's it's like

464
00:21:34,388 --> 00:21:39,939
watching what is it a train crash in

465
00:21:37,538 --> 00:21:44,109
slow motion you know they're grinding to

466
00:21:39,940 --> 00:21:46,750
a halt in there or a dying star where

467
00:21:44,109 --> 00:21:49,359
every now and then there's a bright bit

468
00:21:46,750 --> 00:21:51,638
of solar flare going off but they're

469
00:21:49,359 --> 00:21:55,000
dying and they're becoming which is

470
00:21:51,638 --> 00:21:56,979
delightful to see irrelevant yes it was

471
00:21:55,000 --> 00:21:59,048
and in fact the camera crews

472
00:21:56,980 --> 00:22:03,669
specifically said to us that they were

473
00:21:59,048 --> 00:22:07,028
not interested in speaking with merrill

474
00:22:03,669 --> 00:22:09,480
dory of the avian a few of them had

475
00:22:07,028 --> 00:22:12,730
tried to get in touch with her

476
00:22:09,480 --> 00:22:14,919
unsuccessfully and the only media outlet

477
00:22:12,730 --> 00:22:17,950
that I heard that spoke with someone

478
00:22:14,919 --> 00:22:20,110
from the avian was the Sydney radio

479
00:22:17,950 --> 00:22:22,120
station to UE that had the former

480
00:22:20,109 --> 00:22:24,459
president greg BTW on for one of the

481
00:22:22,119 --> 00:22:27,819
interviews but apart from that

482
00:22:24,460 --> 00:22:30,579
far as I'm aware there is no one from

483
00:22:27,819 --> 00:22:34,089
the avian that was interviewed except

484
00:22:30,579 --> 00:22:36,399
for greg BTW i think i saw a brief clip

485

00:22:34,089 --> 00:22:39,039
with the current president her name

486
00:22:36,400 --> 00:22:41,470
escapes me and well Tasha David that's

487
00:22:39,039 --> 00:22:43,240
right I think she was on for about 20

488
00:22:41,470 --> 00:22:46,600
seconds on something when I was channel

489
00:22:43,240 --> 00:22:48,339
surfing I'm not sure about that um so

490
00:22:46,599 --> 00:22:51,189
he's like one but generally speaking

491
00:22:48,339 --> 00:22:52,740
know maybe after all this time a lot of

492
00:22:51,190 --> 00:22:56,019
the media have simply learned that

493
00:22:52,740 --> 00:22:58,450
extremists ratbags and nuts like those

494
00:22:56,019 --> 00:23:00,639
people are only good for entertainment

495
00:22:58,450 --> 00:23:02,350
purposes I don't know yeah and I tell

496
00:23:00,640 --> 00:23:04,690
you what I think the other difference is

497
00:23:02,349 --> 00:23:06,990
that people the groups like stop the

498
00:23:04,690 --> 00:23:09,279
avian have had a massive impact on

499
00:23:06,990 --> 00:23:12,730

educating the media and then false

500

00:23:09,279 --> 00:23:15,460

balance in this in this area in this

501

00:23:12,730 --> 00:23:18,970

issue because putting someone on like

502

00:23:15,460 --> 00:23:22,360

Meryl dori up against immunization

503

00:23:18,970 --> 00:23:25,089

experts is absolutely false balance and

504

00:23:22,359 --> 00:23:28,209

we don't want to give the audience the

505

00:23:25,089 --> 00:23:30,759

impression that both viewpoints are

506

00:23:28,210 --> 00:23:33,220

equally valid and the media is getting

507

00:23:30,759 --> 00:23:35,559

that now it's amazing right turn around

508

00:23:33,220 --> 00:23:38,710

more or less you know they not all the

509

00:23:35,559 --> 00:23:40,960

time of course um it this is a very long

510

00:23:38,710 --> 00:23:42,940

process because they're so used to just

511

00:23:40,960 --> 00:23:44,110

an easy story is to get to people with

512

00:23:42,940 --> 00:23:45,279

different points of view and put them

513

00:23:44,109 --> 00:23:47,009

together there we are that's an easy

514
00:23:45,279 --> 00:23:49,720
story they don't have to do any research

515
00:23:47,009 --> 00:23:51,579
that's right but now that some of us

516
00:23:49,720 --> 00:23:53,860
have made a stand like our group and

517
00:23:51,579 --> 00:23:56,109
stung the OU bien have made a stand the

518
00:23:53,859 --> 00:23:59,379
first question we ask when we are now

519
00:23:56,109 --> 00:24:03,389
contacted by the media is are you going

520
00:23:59,380 --> 00:24:06,280
to interview anyone from the avian and

521
00:24:03,390 --> 00:24:08,560
if they say yes then we simply say I'm

522
00:24:06,279 --> 00:24:10,869
sorry where we won't be a part of that

523
00:24:08,559 --> 00:24:13,179
story yeah well this is the the stance

524
00:24:10,869 --> 00:24:17,589
that Dow our colleague dr. Rachel Dunlop

525
00:24:13,180 --> 00:24:19,960
dr. H E hello dr. agee who's in America

526
00:24:17,589 --> 00:24:23,470
at the moment took with their with the

527
00:24:19,960 --> 00:24:26,110
media some time ago and said she would

528
00:24:23,470 --> 00:24:30,220
not appear or on radio or television if

529
00:24:26,109 --> 00:24:31,809
there was an avian person appearing yes

530
00:24:30,220 --> 00:24:35,079
I think it's I think it's the best

531
00:24:31,809 --> 00:24:37,669
approach to take ya know and again as a

532
00:24:35,079 --> 00:24:40,990
result of all this interest you

533
00:24:37,670 --> 00:24:45,320
all facebook has gone off its face Oh

534
00:24:40,990 --> 00:24:47,930
has it Oh out our website and our

535
00:24:45,319 --> 00:24:52,609
facebook page that Northern Rivers ones

536
00:24:47,930 --> 00:24:56,259
have been inundated with messages some

537
00:24:52,609 --> 00:24:59,449
of them are angry but a lot of them are

538
00:24:56,259 --> 00:25:00,769
asking for more information and we've

539
00:24:59,450 --> 00:25:03,590
been getting a lot of positive feedback

540
00:25:00,769 --> 00:25:05,420
it's been great it's really good to see

541
00:25:03,589 --> 00:25:07,399
in your own you showed me your stats

542

00:25:05,420 --> 00:25:13,400
earlier and the sky rocketed it's

543
00:25:07,400 --> 00:25:15,110
fantastic yes yes Allison also did a an

544
00:25:13,400 --> 00:25:16,940
interview yesterday I didn't mention

545
00:25:15,109 --> 00:25:19,459
that before with the Today Show it's

546
00:25:16,940 --> 00:25:22,009
going to maybe they told us it would

547
00:25:19,460 --> 00:25:23,779
probably air this sunday this Sunday

548
00:25:22,009 --> 00:25:27,200
morning on the weekend today show on

549
00:25:23,779 --> 00:25:29,119
channel 9 and and that would that'll be

550
00:25:27,200 --> 00:25:31,340
good because not only Allison from our

551
00:25:29,119 --> 00:25:34,459
group we've also got a local GP that was

552
00:25:31,339 --> 00:25:36,139
interviewed for that who is going to

553
00:25:34,460 --> 00:25:38,029
talk about what it's like dealing with

554
00:25:36,140 --> 00:25:39,920
conscientious objectors coming into the

555
00:25:38,029 --> 00:25:43,069
practice and wanting their form signed

556
00:25:39,920 --> 00:25:46,700

and we also have one of our members who

557

00:25:43,069 --> 00:25:49,189

was very brave because she used to be an

558

00:25:46,700 --> 00:25:51,559

anti-vaccination advocate and she has

559

00:25:49,190 --> 00:25:53,960

since changed her mind and she's being

560

00:25:51,559 --> 00:25:57,319

interviewed as well for that show well

561

00:25:53,960 --> 00:25:59,720

through the magic of the internet and

562

00:25:57,319 --> 00:26:01,730

the podcast and the time differences and

563

00:25:59,720 --> 00:26:03,740

all sorts of craziness were actually

564

00:26:01,730 --> 00:26:06,470

going to play a clip from Allison on the

565

00:26:03,740 --> 00:26:11,960

Today Show right now which she hasn't

566

00:26:06,470 --> 00:26:14,180

even done yet hang on here we go local

567

00:26:11,960 --> 00:26:16,039

mum Alison gala had considered leaving

568

00:26:14,180 --> 00:26:18,680

the town when her two daughters

569

00:26:16,039 --> 00:26:22,369

contracted whooping cough despite being

570

00:26:18,680 --> 00:26:23,930

immunized I was devastated um I was

571
00:26:22,369 --> 00:26:26,419
heartbroken I really felt like I'd

572
00:26:23,930 --> 00:26:28,670
failed them and I'd let them down I had

573
00:26:26,420 --> 00:26:30,230
done everything I possibly could to

574
00:26:28,670 --> 00:26:33,110
protect them even though they were

575
00:26:30,230 --> 00:26:35,509
vaccinated the ordeal prompting her to

576
00:26:33,109 --> 00:26:40,279
set up the Northern Rivers vaccination

577
00:26:35,509 --> 00:26:41,869
support group I realized that there was

578
00:26:40,279 --> 00:26:44,119
a huge number of people that didn't

579
00:26:41,869 --> 00:26:45,399
vaccinate and I just felt I had to do

580
00:26:44,119 --> 00:26:48,639
something about it

581
00:26:45,400 --> 00:26:50,620
dr. sue page says being vaccinated is

582
00:26:48,640 --> 00:26:52,810
like wearing a seatbelt you wear a

583
00:26:50,619 --> 00:26:55,089
seatbelt you may never be involved in a

584
00:26:52,809 --> 00:26:56,829
car accident but if you are involved in

585
00:26:55,089 --> 00:26:58,869
a car accident if you are exposed to a

586
00:26:56,829 --> 00:27:01,419
vaccine preventable disease that

587
00:26:58,869 --> 00:27:04,029
vaccination saves your child's life it

588
00:27:01,420 --> 00:27:06,730
saves your child's brain its ability to

589
00:27:04,029 --> 00:27:08,920
run around without having a measles

590
00:27:06,730 --> 00:27:10,720
virus hole punched in their lungs so

591
00:27:08,920 --> 00:27:15,220
that they're permanently respiratory

592
00:27:10,720 --> 00:27:18,100
disabled it's a no-brainer despite this

593
00:27:15,220 --> 00:27:19,900
opinion remains divided I don't trust

594
00:27:18,099 --> 00:27:21,969
the pharmaceutical companies and I think

595
00:27:19,900 --> 00:27:23,890
I think that's the answer would be for a

596
00:27:21,970 --> 00:27:26,589
lot of people they vaccinated both of my

597
00:27:23,890 --> 00:27:29,200
brothers but not me we found that like

598
00:27:26,589 --> 00:27:30,849
the lease the less vaccinations we had

599

00:27:29,200 --> 00:27:34,289
in the family the less the kids got sick

600
00:27:30,849 --> 00:27:37,269
your kids were never seriously ill never

601
00:27:34,289 --> 00:27:38,980
ever so you made the right decision you

602
00:27:37,269 --> 00:27:41,589
think made the right decision I had a

603
00:27:38,980 --> 00:27:45,870
home birth and I did not vaccinate yeah

604
00:27:41,589 --> 00:27:49,539
she's had a first course yeah and I

605
00:27:45,869 --> 00:27:53,519
don't have any worries where otherwise

606
00:27:49,539 --> 00:27:53,519
you you would be a little bit concerned

607
00:27:53,750 --> 00:27:59,130
well there we are well done Alison well

608
00:27:57,180 --> 00:28:01,590
Heidi wow what a time you've had now

609
00:27:59,130 --> 00:28:04,200
what's that Facebook site for people who

610
00:28:01,589 --> 00:28:06,959
might want to visit you oh if they just

611
00:28:04,200 --> 00:28:09,059
search for Northern Rivers vaccination

612
00:28:06,960 --> 00:28:11,640
supporters they will see our open

613
00:28:09,059 --> 00:28:13,440

facebook page there that they can that

614

00:28:11,640 --> 00:28:21,900

they can like and follow us there and

615

00:28:13,440 --> 00:28:24,269

the website is wwan rvs info fantastic

616

00:28:21,900 --> 00:28:26,519

and as you've mentioned in your reports

617

00:28:24,269 --> 00:28:28,470

before and I'm I'm very pleased I'm I'd

618

00:28:26,519 --> 00:28:30,930

like to attend one of these one-time

619

00:28:28,470 --> 00:28:33,960

your first aid courses how are they

620

00:28:30,930 --> 00:28:36,630

going oh I'm flat out with those

621

00:28:33,960 --> 00:28:38,430

actually yes some yeah I teach the first

622

00:28:36,630 --> 00:28:40,230

aid for people that need that

623

00:28:38,430 --> 00:28:42,360

qualification for work it's going very

624

00:28:40,230 --> 00:28:43,470

well thank you I'm very pleased to hear

625

00:28:42,359 --> 00:28:47,159

that Heidi and I bet you're a great

626

00:28:43,470 --> 00:28:49,620

teacher too well thank you well thank

627

00:28:47,160 --> 00:28:52,050

you heidi for chatting to me in your own

628
00:28:49,619 --> 00:28:53,759
segment i might add this is the raw

629
00:28:52,049 --> 00:28:57,210
skeptic report and what a report it's

630
00:28:53,759 --> 00:28:59,579
been and all power to you folks there we

631
00:28:57,210 --> 00:29:01,350
are she's worth your support the

632
00:28:59,579 --> 00:29:03,689
Northern Rivers vaccination supporters

633
00:29:01,349 --> 00:29:06,769
are worth your support Alison Gaylord

634
00:29:03,690 --> 00:29:10,380
and all her friends do a marvelous job

635
00:29:06,769 --> 00:29:13,099
thank you Richard Thank You Heidi by now

636
00:29:10,380 --> 00:29:13,100
bye

637
00:29:22,140 --> 00:29:27,100
it crashbug a budweiser a skeptic wish

638
00:29:25,150 --> 00:29:29,250
to shock a desolate it's a skeptic we

639
00:29:27,099 --> 00:29:31,899
sell visit a KO batana channel Annika

640
00:29:29,250 --> 00:29:33,579
meet the skeptics on podcast target or

641
00:29:31,900 --> 00:29:35,230
vision heritage from tasha hunter to

642
00:29:33,579 --> 00:29:37,178
decide to the manual control to share

643
00:29:35,230 --> 00:29:38,829
alike what she touched a critical and

644
00:29:37,179 --> 00:29:41,590
orchid st shall not need seven a

645
00:29:38,829 --> 00:29:43,509
I said nearest twentieth any can

646
00:29:41,589 --> 00:29:45,579
shake member travelin coca-cola hood or

647
00:29:43,509 --> 00:29:47,950
dvd one skeptic we start to sharpen tool

648
00:29:45,579 --> 00:29:49,960
which is info @ skeptic wishbone Hootie

649
00:29:47,950 --> 00:29:51,580
man to Barbara Allen film at the

650
00:29:49,960 --> 00:29:54,160
Facebook laudanum cottage emitter

651
00:29:51,579 --> 00:29:56,259
facebook.com / skeptical star Shakti

652
00:29:54,160 --> 00:30:01,240
Mentalist volim inquiring Cerreta

653
00:29:56,259 --> 00:30:03,369
dharamdas venom hi this is garba raas

654
00:30:01,240 --> 00:30:05,349
co-president of the Hungarian skeptics

655
00:30:03,369 --> 00:30:07,529
society and chairman of the European

656

00:30:05,349 --> 00:30:09,969
Council of skeptical organizations a

657
00:30:07,529 --> 00:30:11,829
solicitor of the skeptic zone you

658
00:30:09,970 --> 00:30:13,509
probably agree that educating others

659
00:30:11,829 --> 00:30:16,539
about pseudoscience and critical

660
00:30:13,509 --> 00:30:18,129
thinking is an important task if you are

661
00:30:16,539 --> 00:30:19,928
eager to take part in either of these

662
00:30:18,130 --> 00:30:23,700
activities we would be happy to hear

663
00:30:19,929 --> 00:30:29,200
from you don't hesitate to contact us at

664
00:30:23,700 --> 00:30:31,090
www.adr.org info at skeptic gusto THU we

665
00:30:29,200 --> 00:30:33,819
also recommend you visiting our facebook

666
00:30:31,089 --> 00:30:37,439
page skeptic wish tasha shack or simply

667
00:30:33,819 --> 00:30:37,439
come and join us at one of our events

668
00:30:43,609 --> 00:30:48,240
welcome to a week in science from our

669
00:30:45,990 --> 00:30:51,599
IRS bringing you the science you need to

670
00:30:48,240 --> 00:30:53,819

know from movies to conspiracy theories

671

00:30:51,599 --> 00:30:57,059

we're surrounded by gloom and doom

672

00:30:53,819 --> 00:31:03,990

stories but is our world or even our

673

00:30:57,059 --> 00:31:06,269

universe really about to end you might

674

00:31:03,990 --> 00:31:07,890

have heard that there are up to 14 stars

675

00:31:06,269 --> 00:31:12,779

on a collision course with our solar

676

00:31:07,890 --> 00:31:15,270

system sounds grim but is it well to

677

00:31:12,779 --> 00:31:19,230

begin with some of the stars heading our

678

00:31:15,269 --> 00:31:21,119

way are over 250,000 years away some are

679

00:31:19,230 --> 00:31:23,700

even 2 million years away from coming

680

00:31:21,119 --> 00:31:26,129

near us but even if they do reach our

681

00:31:23,700 --> 00:31:27,690

solar system it doesn't necessarily mean

682

00:31:26,130 --> 00:31:30,570

we're all going to be fried in some

683

00:31:27,690 --> 00:31:32,519

cataclysmic firestorm they won't come

684

00:31:30,569 --> 00:31:35,429

close enough for the radiation to affect

685
00:31:32,519 --> 00:31:38,220
us danger might come from comets being

686
00:31:35,430 --> 00:31:40,560
dislodged from the Oort cloud a region

687
00:31:38,220 --> 00:31:43,380
of icy rocky remnants in our outer solar

688
00:31:40,559 --> 00:31:45,509
system as the star approaches its

689
00:31:43,380 --> 00:31:49,490
gravitational force could send some

690
00:31:45,509 --> 00:31:49,490
comets from the Oort cloud towards Earth

691
00:31:49,670 --> 00:31:55,740
okay so being crushed by a star isn't a

692
00:31:53,130 --> 00:31:59,070
concern for a while yet but what about a

693
00:31:55,740 --> 00:32:01,349
rogue asteroid impact NASA searches for

694
00:31:59,069 --> 00:32:03,799
and tracks asteroids and other objects

695
00:32:01,349 --> 00:32:06,599
in its near-earth object program as

696
00:32:03,799 --> 00:32:08,279
objects are discovered their tracks are

697
00:32:06,599 --> 00:32:10,769
calculated to see if they pose a threat

698
00:32:08,279 --> 00:32:12,960
to earth at the moment the Neo program

699
00:32:10,769 --> 00:32:14,759
doesn't report any major objects on a

700
00:32:12,960 --> 00:32:16,860
collision course with earth but that

701
00:32:14,759 --> 00:32:19,049
doesn't rule out any asteroids that

702
00:32:16,859 --> 00:32:24,449
haven't yet been spotted one close

703
00:32:19,049 --> 00:32:26,579
approach will be in 20 28 by 1997 XF 11

704
00:32:24,450 --> 00:32:28,890
which will approach approximately 1

705
00:32:26,579 --> 00:32:30,569
million kilometers from Earth or about

706
00:32:28,890 --> 00:32:32,580
two and a half times farther than the

707
00:32:30,569 --> 00:32:35,909
moon the chance of this mile-wide

708
00:32:32,579 --> 00:32:39,299
asteroid impacting earth is effectively

709
00:32:35,910 --> 00:32:42,440
zero and now let's fly into for fast

710
00:32:39,299 --> 00:32:42,440
facts about asteroids

711
00:32:42,640 --> 00:32:47,320
NASA is planning to redirect an asteroid

712
00:32:45,309 --> 00:32:50,379
to orbit our moon so that they can study

713

00:32:47,319 --> 00:32:52,240
it more easily around 100 tons of space

714
00:32:50,380 --> 00:32:54,910
debris reaches the surface of the earth

715
00:32:52,240 --> 00:32:57,730
every day an asteroid one-mile-wide

716
00:32:54,910 --> 00:33:00,160
would likely flatten everything for a

717
00:32:57,730 --> 00:33:01,779
300 kilometer radius and European

718
00:33:00,160 --> 00:33:03,820
authorities have decided on the best

719
00:33:01,779 --> 00:33:06,460
advice for the public in the case of an

720
00:33:03,819 --> 00:33:08,769
asteroid explosion keep away from the

721
00:33:06,460 --> 00:33:10,750
windows and stay in the strongest area

722
00:33:08,769 --> 00:33:13,450
of the building that's it for this week

723
00:33:10,750 --> 00:33:16,690
in science for more information on the

724
00:33:13,450 --> 00:33:22,180
risks to earth from space go to the risks

725
00:33:16,690 --> 00:33:25,120
website are I aus org dot a you follow

726
00:33:22,180 --> 00:33:27,640
us on twitter at our iOS and like us on

727
00:33:25,119 --> 00:33:45,339

Facebook I'm Tanya Meyer and we'll catch

728

00:33:27,640 --> 00:33:49,000

you next week hey Heidi oh hi Joe hi

729

00:33:45,339 --> 00:33:52,269

Heidi oh hi Maynard hi Maynard oh hi Joe

730

00:33:49,000 --> 00:33:55,779

nice day in this park yeah yes great

731

00:33:52,269 --> 00:33:58,119

weather oh look a unicorn a unicorn

732

00:33:55,779 --> 00:34:01,960

there are no such things as unicorns

733

00:33:58,119 --> 00:34:04,299

silly yes there are no there isn't Hey

734

00:34:01,960 --> 00:34:07,079

ladies what are you arguing about Joe

735

00:34:04,299 --> 00:34:09,668

thinks unicorns are real they fo are

736

00:34:07,079 --> 00:34:12,759

let's look this up in the skeptics

737

00:34:09,668 --> 00:34:15,609

dictionary the word how can we do that

738

00:34:12,760 --> 00:34:17,590

in this perk there are no computers here

739

00:34:15,610 --> 00:34:20,409

you ladies probably don't know about the

740

00:34:17,590 --> 00:34:23,440

skeptics dictionary app available now

741

00:34:20,409 --> 00:34:25,780

for iPhone iPad and iPod touch in the

742
00:34:23,440 --> 00:34:27,820
app store yeah we do we've been

743
00:34:25,780 --> 00:34:31,899
listening to the skeptic zone for years

744
00:34:27,820 --> 00:34:34,090
you know ah yes ok the app lets you

745
00:34:31,898 --> 00:34:37,809
access all the great skeptics dictionary

746
00:34:34,090 --> 00:34:40,630
articles when you're on the go yeah let

747
00:34:37,809 --> 00:34:43,570
me look up unicorns oh cool Heidi

748
00:34:40,630 --> 00:34:46,059
prepare to be proven wrong it says here

749
00:34:43,570 --> 00:34:49,390
the Unicorn is a creature from fables

750
00:34:46,059 --> 00:34:50,889
aha actually I see now that someone just

751
00:34:49,389 --> 00:34:53,259
dumped their ice cream cone on that

752
00:34:50,889 --> 00:34:54,259
horse's head Thanks a big dictionary

753
00:34:53,260 --> 00:35:00,590
iphone

754
00:34:54,260 --> 00:35:02,480
that's just some guy in these undies now

755
00:35:00,590 --> 00:35:05,269
here's some news from our friends at the

756
00:35:02,480 --> 00:35:07,070
National Geographic Channel national

757
00:35:05,269 --> 00:35:09,860
geographic channel launches chat show

758
00:35:07,070 --> 00:35:12,170
star talk hosted by Neil deGrasse Tyson

759
00:35:09,860 --> 00:35:14,390
now Neil deGrasse Tyson has been on the

760
00:35:12,170 --> 00:35:17,510
skeptic zone a couple of times most

761
00:35:14,389 --> 00:35:20,750
recently showed 279 the 23rd of

762
00:35:17,510 --> 00:35:23,210
february2014 where I interviewed a neil

763
00:35:20,750 --> 00:35:26,360
degrasse tyson together with andrian

764
00:35:23,210 --> 00:35:29,090
about the the cosmos series the new

765
00:35:26,360 --> 00:35:34,309
cosmos series whether the series that

766
00:35:29,090 --> 00:35:37,700
was a broadcast last year so I'd Neil

767
00:35:34,309 --> 00:35:39,980
deGrasse Tyson Startalk and the blurb

768
00:35:37,699 --> 00:35:42,649
says National Geographic is set to

769
00:35:39,980 --> 00:35:45,110
premiere its first ever talk show star

770

00:35:42,650 --> 00:35:48,160
talk where show host and prominent

771
00:35:45,110 --> 00:35:51,559
astrophysicist dr. Neil deGrasse Tyson

772
00:35:48,159 --> 00:35:54,379
sits down with world-renowned cultural

773
00:35:51,559 --> 00:35:56,210
luminaries hmmm across science

774
00:35:54,380 --> 00:35:58,490
entertainment and politics like

775
00:35:56,210 --> 00:36:01,039
Christopher Nolan George Takei and

776
00:35:58,489 --> 00:36:03,109
Richard Dawkins premiering on the

777
00:36:01,039 --> 00:36:06,110
national geographic channel on mondays

778
00:36:03,110 --> 00:36:09,140
at nine-thirty p.m. australian eastern

779
00:36:06,110 --> 00:36:11,990
standard time from the 27th of april the

780
00:36:09,139 --> 00:36:14,059
hour-long weekly series infuses pop

781
00:36:11,989 --> 00:36:16,339
culture with science while bringing

782
00:36:14,059 --> 00:36:19,389
together comedians and celebrities to

783
00:36:16,340 --> 00:36:21,440
delve into a wide range of topics and

784
00:36:19,389 --> 00:36:23,179

thank you National Geographic you

785

00:36:21,440 --> 00:36:25,329
certainly a couple of episodes to

786

00:36:23,179 --> 00:36:28,429
preview and I enjoyed those immensely

787

00:36:25,329 --> 00:36:31,069
let's play a little clip from the

788

00:36:28,429 --> 00:36:33,519
episode with the Star Trek legend George

789

00:36:31,070 --> 00:36:33,519
Takei

790

00:36:34,070 --> 00:36:39,570
when you're going up for what could be a

791

00:36:37,050 --> 00:36:44,960
running part in the series you have a

792

00:36:39,570 --> 00:36:48,320
whole group a team of people

793

00:36:44,960 --> 00:36:50,880
interviewing you network people

794

00:36:48,320 --> 00:36:52,559
advertising people student because

795

00:36:50,880 --> 00:36:55,289
you're not a one-off character right we

796

00:36:52,559 --> 00:37:00,779
were marrying you for the exactly it's

797

00:36:55,289 --> 00:37:02,519
the marriage rabbuna and I was prepared

798

00:37:00,780 --> 00:37:04,050
for that when I walked into Gene

799

00:37:02,519 --> 00:37:06,570

Roddenberry's office first of all he

800

00:37:04,050 --> 00:37:10,680

mispronounced my a surname he called me

801

00:37:06,570 --> 00:37:12,660

Takai but I corrected that I said my

802

00:37:10,679 --> 00:37:15,839

name is pronounced okay but I don't

803

00:37:12,659 --> 00:37:18,269

object to KY because that's a Japanese

804

00:37:15,840 --> 00:37:22,470

word that means expensive and is it oh

805

00:37:18,269 --> 00:37:24,179

my goodness definitely gonna k and I

806

00:37:22,469 --> 00:37:27,000

told them but the K doesn't mean cheap

807

00:37:24,179 --> 00:37:31,019

either Jim robbery creator of Star Trek

808

00:37:27,000 --> 00:37:34,800

creator of Star Trek a producer writer a

809

00:37:31,019 --> 00:37:38,969

visionary or a creative guy creative guy

810

00:37:34,800 --> 00:37:41,160

and with a vision of what we could be I

811

00:37:38,969 --> 00:37:44,099

think they sent his ashes to the moon or

812

00:37:41,159 --> 00:37:46,019

something not to the moon no to ortho

813
00:37:44,099 --> 00:37:47,849
orbits you see he's made it into space

814
00:37:46,019 --> 00:37:49,829
he's still out there he's still much

815
00:37:47,849 --> 00:37:52,380
Jimmy doing that his ashes sent out

816
00:37:49,829 --> 00:37:54,599
there too okay but I guess he wasn't

817
00:37:52,380 --> 00:38:00,180
quite in orbit because he fell back down

818
00:37:54,599 --> 00:38:02,849
to New Mexico Gene Roddenberry really

819
00:38:00,179 --> 00:38:08,369
deserves and and should be up there

820
00:38:02,849 --> 00:38:11,190
because Star Trek was more than just and

821
00:38:08,369 --> 00:38:13,980
he felt the television you know it

822
00:38:11,190 --> 00:38:19,110
certainly needs to entertain but it also

823
00:38:13,980 --> 00:38:22,320
needs to inform and inspire did you know

824
00:38:19,110 --> 00:38:24,660
this at the time at the time are you

825
00:38:22,320 --> 00:38:27,210
just doing television or are you saying

826
00:38:24,659 --> 00:38:31,469
to yourself this is some good going down

827

00:38:27,210 --> 00:38:34,380
here this is whoa because the show did

828
00:38:31,469 --> 00:38:36,359
get cancelled all right right but I knew

829
00:38:34,380 --> 00:38:39,090
that it was a Cardassians have been

830
00:38:36,360 --> 00:38:41,130
going went longer than the original Star

831
00:38:39,090 --> 00:38:43,869
Trek yeah but we on Star Trek we had the

832
00:38:41,130 --> 00:38:47,840
Kardashians

833
00:38:43,869 --> 00:38:50,590
free our brothers we talked about books

834
00:38:47,840 --> 00:38:53,780
we had read movies that we liked a

835
00:38:50,590 --> 00:38:55,910
current events issues you know we had a

836
00:38:53,780 --> 00:39:00,160
wonderful engaging conversation he

837
00:38:55,909 --> 00:39:03,469
described the show and it was thrilling

838
00:39:00,159 --> 00:39:05,989
that vision that he had Starship

839
00:39:03,469 --> 00:39:09,139
Enterprise a metaphor for starship earth

840
00:39:05,989 --> 00:39:11,509
and the strength of the starship lay in

841
00:39:09,139 --> 00:39:13,400

its diversity coming together and

842

00:39:11,510 --> 00:39:15,770

working and nobody was thinking that

843

00:39:13,400 --> 00:39:20,150

back then nobody was sick imene you know

844

00:39:15,769 --> 00:39:22,460

minorities weren't at anything no no so

845

00:39:20,150 --> 00:39:24,680

that Startalk coming up on the national

846

00:39:22,460 --> 00:39:27,500

geographic channel lots of people coming

847

00:39:24,679 --> 00:39:29,559

up on that series something to look out

848

00:39:27,500 --> 00:39:29,559

for

849

00:39:34,260 --> 00:39:39,579

but gasps yours is an award-winning

850

00:39:36,730 --> 00:39:42,579

weekly science show in French hosted by

851

00:39:39,579 --> 00:39:44,890

a bunch of crazy enthusiasts we are

852

00:39:42,579 --> 00:39:47,230

convinced that the greatest ideas in

853

00:39:44,889 --> 00:39:49,480

science are quite easy to grasp as long

854

00:39:47,230 --> 00:39:52,030

as they are presented with passion using

855

00:39:49,480 --> 00:39:54,190

a vocabulary common to all curious minds

856
00:39:52,030 --> 00:39:56,980
whatever their academic background if

857
00:39:54,190 --> 00:39:59,980
any you don't understand French yet oh

858
00:39:56,980 --> 00:40:01,869
it's never too late all our stories have

859
00:39:59,980 --> 00:40:03,670
a written transcript on the website and

860
00:40:01,869 --> 00:40:05,769
people from all around the world are

861
00:40:03,670 --> 00:40:08,889
using our content to learn Maria's

862
00:40:05,769 --> 00:40:11,318
language our topics range from 0 to

863
00:40:08,889 --> 00:40:13,659
infinity from evolution to artificial

864
00:40:11,318 --> 00:40:16,298
life from electromagnetism to the

865
00:40:13,659 --> 00:40:19,509
science of introverts we just love

866
00:40:16,298 --> 00:40:22,329
mathematics science critical thinking so

867
00:40:19,510 --> 00:40:24,039
do you want to join you can subscribe to

868
00:40:22,329 --> 00:40:26,710
the podcast for free from our website

869
00:40:24,039 --> 00:40:29,380
podcast science tops FM that's in one

870
00:40:26,710 --> 00:40:31,809
word you also find us on itunes and

871
00:40:29,380 --> 00:40:33,760
soundcloud see you soon hopefully at

872
00:40:31,809 --> 00:40:36,298
luego year at the other words or

873
00:40:33,760 --> 00:40:36,299
pedestrians

874
00:40:49,750 --> 00:40:57,559
ever on the lookout for woo and

875
00:40:53,949 --> 00:40:59,298
superstition silly things like that our

876
00:40:57,559 --> 00:41:02,540
good friends in Brisbane the Brisbane

877
00:40:59,298 --> 00:41:05,358
skeptics society noticed a huge banner

878
00:41:02,539 --> 00:41:08,179
draped across a busy Wickham Street in

879
00:41:05,358 --> 00:41:12,170
Fortitude Valley in Brisbane written on

880
00:41:08,179 --> 00:41:17,739
the banner in very large letters world

881
00:41:12,170 --> 00:41:23,030
homeopathy Awareness Week [www homeopathy](http://www.homeopathy)

882
00:41:17,739 --> 00:41:26,000
Rosie org minimum dose maximum benefit

883
00:41:23,030 --> 00:41:29,510
with two logos on the banner on being

884

00:41:26,000 --> 00:41:32,239
from homeopathy org which is the

885
00:41:29,510 --> 00:41:34,490
Australian homeopathic Association and

886
00:41:32,239 --> 00:41:37,159
the other logo being that of Endeavour

887
00:41:34,489 --> 00:41:40,159
college now this banner was sighted and

888
00:41:37,159 --> 00:41:43,308
photographed by the Brisbane skeptics in

889
00:41:40,159 --> 00:41:45,798
early April and prompted them to write

890
00:41:43,309 --> 00:41:49,190
an open letter to the Brisbane City

891
00:41:45,798 --> 00:41:51,949
Council here to read the open letter is

892
00:41:49,190 --> 00:41:55,940
none other than Ross mulch from the

893
00:41:51,949 --> 00:41:58,098
Brisbane skeptic society despite

894
00:41:55,940 --> 00:41:59,990
extensive research before the publishing

895
00:41:58,099 --> 00:42:01,789
of this letter the council has since

896
00:41:59,989 --> 00:42:04,009
informed us that a private company is

897
00:42:01,789 --> 00:42:06,619
responsible for banners erected across

898
00:42:04,010 --> 00:42:08,150

Wickham Street we are continuing our

899

00:42:06,619 --> 00:42:10,490

research in order to discover which

900

00:42:08,150 --> 00:42:13,190

company is responsible for this in order

901

00:42:10,489 --> 00:42:14,808

to let them know our concerns due to the

902

00:42:13,190 --> 00:42:16,548

fact that these kinds of use of public

903

00:42:14,809 --> 00:42:17,930

space would still require council

904

00:42:16,548 --> 00:42:20,179

planning permission we are not

905

00:42:17,929 --> 00:42:22,429

retracting our original letter to the

906

00:42:20,179 --> 00:42:24,048

Brisbane City Council it is our hope

907

00:42:22,429 --> 00:42:26,088

that they will review their policy on

908

00:42:24,048 --> 00:42:28,219

the guidelines set out to contractors on

909

00:42:26,088 --> 00:42:31,429

what type of content is allowable in a

910

00:42:28,219 --> 00:42:33,199

public space April 10th to April

911

00:42:31,429 --> 00:42:35,960

sixteenth this year is homeopathy

912

00:42:33,199 --> 00:42:37,639

Awareness Week unlike other awareness

913
00:42:35,960 --> 00:42:39,470
events for instance breast cancer

914
00:42:37,639 --> 00:42:41,210
awareness this one is purely commercial

915
00:42:39,469 --> 00:42:43,298
in nature and is not recognized by the

916
00:42:41,210 --> 00:42:45,740
UN or any other government body

917
00:42:43,298 --> 00:42:47,719
homeopathy is an alleged system of

918
00:42:45,739 --> 00:42:51,558
medicine first device in the prescience

919
00:42:47,719 --> 00:42:53,899
medical area by samuel hahnemann in 1796

920
00:42:51,559 --> 00:42:55,548
the system is based on the principle

921
00:42:53,900 --> 00:42:57,559
that like cures like for instance

922
00:42:55,548 --> 00:42:58,820
caffeine promotes alertness and this

923
00:42:57,559 --> 00:43:00,980
should be used to treat sleep

924
00:42:58,820 --> 00:43:02,809
disorders that the more dilute the

925
00:43:00,980 --> 00:43:06,050
substance is the greater the medical

926
00:43:02,809 --> 00:43:07,759
effect and that's a cushion the process

927
00:43:06,050 --> 00:43:10,130
of vibrating the mixture between each

928
00:43:07,760 --> 00:43:12,880
dilution traditionally on a Bible will

929
00:43:10,130 --> 00:43:15,320
also make the mixture more powerful a

930
00:43:12,880 --> 00:43:17,690
recent report by the National Health and

931
00:43:15,320 --> 00:43:19,430
Medical Research Council echo similar

932
00:43:17,690 --> 00:43:21,530
reports from the UK government and the

933
00:43:19,429 --> 00:43:23,239
cochrane review in finding that there is

934
00:43:21,530 --> 00:43:26,300
no scientific evidence that homeopathy

935
00:43:23,239 --> 00:43:27,889
is effective for any condition this is

936
00:43:26,300 --> 00:43:29,600
not surprising when you consider the

937
00:43:27,889 --> 00:43:31,250
chemistry behind it a typical

938
00:43:29,599 --> 00:43:34,009
concentration for a homeopathic

939
00:43:31,250 --> 00:43:36,050
preparation is 30 see this means that

940
00:43:34,010 --> 00:43:38,840
the initial substance is diluted one

941

00:43:36,050 --> 00:43:41,750
part in 100 usually in water or alcohol

942
00:43:38,840 --> 00:43:43,700
30 times in a row to put this into

943
00:43:41,750 --> 00:43:45,440
perspective at that dilution you would

944
00:43:43,699 --> 00:43:47,029
have to drink almost four times the

945
00:43:45,440 --> 00:43:49,429
amount of water that exists on the earth

946
00:43:47,030 --> 00:43:51,380
just a guarantee that you consumed a

947
00:43:49,429 --> 00:43:54,259
single molecule of the active ingredient

948
00:43:51,380 --> 00:43:57,670
by comparison a typical paracetamol

949
00:43:54,260 --> 00:44:03,680
tablet contains 1 by 10 to the 15

950
00:43:57,670 --> 00:44:05,450
molecules this is one with 1500 billion is

951
00:44:03,679 --> 00:44:07,219
that this year's Awareness Week is

952
00:44:05,449 --> 00:44:10,819
themed around treating infectious

953
00:44:07,219 --> 00:44:12,169
diseases unlike conditions like colds or

954
00:44:10,820 --> 00:44:14,570
headaches that typically resolve

955
00:44:12,170 --> 00:44:16,550

themselves after a day or two infectious

956

00:44:14,570 --> 00:44:19,430

diseases are immediate life-threatening

957

00:44:16,550 --> 00:44:21,500

conditions the World Health Organization

958

00:44:19,429 --> 00:44:23,929

has specifically warned against the use

959

00:44:21,500 --> 00:44:28,039

of homeopathy to treat diseases like HIV

960

00:44:23,929 --> 00:44:29,839

tuberculosis malaria and more infectious

961

00:44:28,039 --> 00:44:32,119

diseases aren't the only conditions

962

00:44:29,840 --> 00:44:35,780

however that homeopaths claimed to be

963

00:44:32,119 --> 00:44:37,849

able to treat in 2005 Penelope Dingle

964

00:44:35,780 --> 00:44:39,860

died after husband Peter Dingle treated

965

00:44:37,849 --> 00:44:43,009

her with homeopathy instead of

966

00:44:39,860 --> 00:44:46,039

conventional medicine Gloria Thomas who

967

00:44:43,010 --> 00:44:47,390

was only 9 months old died in 2009 when

968

00:44:46,039 --> 00:44:49,610

her parents issued science-based

969

00:44:47,389 --> 00:44:51,980

medicine for homeopathy to treat her

970
00:44:49,610 --> 00:44:54,140
severe eczema this left her immune

971
00:44:51,980 --> 00:44:56,869
system vulnerable and unfortunately she

972
00:44:54,139 --> 00:44:58,369
succumbed to an eye infection it is

973
00:44:56,869 --> 00:45:00,349
extremely concerning them that the

974
00:44:58,369 --> 00:45:02,329
Brisbane City Council saw fit to allow

975
00:45:00,349 --> 00:45:04,099
display of a banner this week and indeed

976
00:45:02,329 --> 00:45:06,259
in previous years promoting homeopathy

977
00:45:04,099 --> 00:45:08,809
Awareness Week on the busy Wickham

978
00:45:06,260 --> 00:45:10,370
street in Fortitude Valley Brisbane

979
00:45:08,809 --> 00:45:12,139
skeptics society is extremely

980
00:45:10,369 --> 00:45:12,469
disappointed that the council would not

981
00:45:12,139 --> 00:45:14,329
care

982
00:45:12,469 --> 00:45:16,159
we vet the types of organizations that

983
00:45:14,329 --> 00:45:18,799
it would allow such prominent promotions

984

00:45:16,159 --> 00:45:21,049

to only a quick perusal of the

985

00:45:18,800 --> 00:45:22,730

homeopathy Queensland website results in

986

00:45:21,050 --> 00:45:25,869

several statements that are either not

987

00:45:22,730 --> 00:45:28,490

supported by scientific evidence or are

988

00:45:25,869 --> 00:45:29,599

mischaracterizations quote it is

989

00:45:28,489 --> 00:45:31,789

recognized by the world health

990

00:45:29,599 --> 00:45:34,940

organization as a valid form of health

991

00:45:31,789 --> 00:45:36,250

care end quote this statement is clearly

992

00:45:34,940 --> 00:45:38,720

contradicted by the World Health

993

00:45:36,250 --> 00:45:41,480

Organization which specifically warns

994

00:45:38,719 --> 00:45:43,009

against homing up with his use quote it

995

00:45:41,480 --> 00:45:44,960

may be used in the treatment of chronic

996

00:45:43,010 --> 00:45:47,420

illness acute conditions and minor

997

00:45:44,960 --> 00:45:49,849

accidents requiring first aid end quote

998

00:45:47,420 --> 00:45:51,889
as stated above several scientific

999
00:45:49,849 --> 00:45:54,800
reviews have found no evidence for this

1000
00:45:51,889 --> 00:45:57,559
statement while homeopathy by definition

1001
00:45:54,800 --> 00:45:59,570
is inert in and of itself many who

1002
00:45:57,559 --> 00:46:01,279
choose to use homeopathy do so as an

1003
00:45:59,570 --> 00:46:04,309
alternative to conventional scientific

1004
00:46:01,280 --> 00:46:05,900
based medicine this unfortunately has in

1005
00:46:04,309 --> 00:46:07,670
the past and will continue into the

1006
00:46:05,900 --> 00:46:10,400
future to have potentially lethal

1007
00:46:07,670 --> 00:46:12,260
outcomes Brisbane skeptics society would

1008
00:46:10,400 --> 00:46:14,358
ask that the Brisbane City Council think

1009
00:46:12,260 --> 00:46:16,040
very carefully in the future about the

1010
00:46:14,358 --> 00:46:18,199
types of messages that they allowed to

1011
00:46:16,039 --> 00:46:20,389
be displayed in public locations such as

1012
00:46:18,199 --> 00:46:22,730

Wickham Street Brisbane City Council

1013

00:46:20,389 --> 00:46:24,679

first and foremost must have the good of

1014

00:46:22,730 --> 00:46:26,869

the community at its heart a function

1015

00:46:24,679 --> 00:46:29,000

that is not served by allowing dangerous

1016

00:46:26,869 --> 00:46:31,460

misinformation to be displayed in a

1017

00:46:29,000 --> 00:46:34,039

public place regards Ross mulch

1018

00:46:31,460 --> 00:46:36,079

president Brisbane skeptics society if

1019

00:46:34,039 --> 00:46:38,088

you would like to get involved with our

1020

00:46:36,079 --> 00:46:40,819

campaign you can contact the mayor's

1021

00:46:38,088 --> 00:46:44,949

office the address is office of the Lord

1022

00:46:40,820 --> 00:46:49,910

Mayor gpo box to 287 Brisbane Queensland

1023

00:46:44,949 --> 00:46:52,879

4001 you can phone 07 3403 double for

1024

00:46:49,909 --> 00:46:58,219

double zero or you can email Lord Mayor

1025

00:46:52,880 --> 00:46:59,960

at Brisbane Queensland gov au Thank You

1026

00:46:58,219 --> 00:47:02,719

Ross mulch from the Brisbane skeptics

1027
00:46:59,960 --> 00:47:05,929
society and also Ross you can hear us on

1028
00:47:02,719 --> 00:47:08,269
the skeptically challenged podcast good

1029
00:47:05,929 --> 00:47:10,969
work I think open letters like this are

1030
00:47:08,269 --> 00:47:13,219
a good idea and who knows maybe we won't

1031
00:47:10,969 --> 00:47:16,989
see that silly banner hanging over

1032
00:47:13,219 --> 00:47:16,989
Brisbane in 2016

1033
00:47:27,130 --> 00:47:33,110
the skeptic magazine the journal from

1034
00:47:29,989 --> 00:47:35,329
Australian skeptics subscribe online to

1035
00:47:33,110 --> 00:47:40,640
the world's second oldest skeptical

1036
00:47:35,329 --> 00:47:43,400
magazine visit w WC apx kombu and click

1037
00:47:40,639 --> 00:47:47,230
the publications league you can also

1038
00:47:43,400 --> 00:47:50,690
find their over 30 years of back issues

1039
00:47:47,230 --> 00:47:54,670
free to download the skeptic magazine

1040
00:47:50,690 --> 00:47:54,670
from Australian skeptics

1041
00:48:03,389 --> 00:48:05,449
you

1042
00:48:07,518 --> 00:48:12,659
thank you for listening to the skeptic

1043
00:48:10,228 --> 00:48:14,818
zone and next week I hope we'll have a

1044
00:48:12,659 --> 00:48:17,608
report from our dear friend and reporter

1045
00:48:14,818 --> 00:48:19,349
Joe alabaster there's been a little bit

1046
00:48:17,608 --> 00:48:21,838
under the weather lately get better soon

1047
00:48:19,349 --> 00:48:24,420
Joe get better soon let's see if we can

1048
00:48:21,838 --> 00:48:25,619
get something out of me not to he's been

1049
00:48:24,420 --> 00:48:28,108
a little bit under the weather as well

1050
00:48:25,619 --> 00:48:30,449
what's going on and soon we'll be able

1051
00:48:28,108 --> 00:48:32,788
to tell you some more news about our new

1052
00:48:30,449 --> 00:48:36,180
reporter that's very exciting and before

1053
00:48:32,789 --> 00:48:37,890
long I'll give you some details on a

1054
00:48:36,179 --> 00:48:39,478
personal level very exciting i'm going

1055

00:48:37,889 --> 00:48:42,838
to have an exhibition of some of my

1056
00:48:39,478 --> 00:48:44,759
photography here in sydney around the

1057
00:48:42,838 --> 00:48:46,768
middle of May but I'll be letting you

1058
00:48:44,759 --> 00:48:48,509
know about that before long but for this

1059
00:48:46,768 --> 00:48:52,379
week this is Richard Saunders and thread

1060
00:48:48,509 --> 00:48:58,619
the cat signing off from Sydney

1061
00:48:52,380 --> 00:49:01,140
Australia you've been listening to the

1062
00:48:58,619 --> 00:49:04,979
skeptic zone podcast visit our website

1063
00:49:01,139 --> 00:49:08,248
at WCA pegs on TV for contacts and

1064
00:49:04,978 --> 00:49:11,429
archive of all episodes since 2008 and

1065
00:49:08,248 --> 00:49:13,468
our online store please support the

1066
00:49:11,429 --> 00:49:16,828
skeptic zone by following us on twitter

1067
00:49:13,469 --> 00:49:20,338
at skeptic zone liking us on facebook

1068
00:49:16,829 --> 00:49:21,839
and leaving a review on iTunes you can

1069
00:49:20,338 --> 00:49:25,679

also show your support by subscribing

1070

00:49:21,838 --> 00:49:28,739

via PayPal or as little as 99 cents a

1071

00:49:25,679 --> 00:49:30,328

week the skeptic zone is an independent

1072

00:49:28,739 --> 00:49:32,789

production the views and opinions

1073

00:49:30,329 --> 00:49:34,410

expressed on the skeptic zone and not

1074

00:49:32,789 --> 00:49:37,289

necessarily those of Australian

1075

00:49:34,409 --> 00:49:40,098

skeptically or any other skeptical

1076

00:49:37,289 --> 00:49:40,099

organization

1077

00:49:40,769 --> 00:49:42,800

Oh