



The Skeptic Zone
Show 339 - 19 April 2015

HEIDI ROBERTSON

NORTHERN RIVERS VACCINATION SUPPORTERS

1
00:00:22,630 --> 00:00:09,190
welcome to the skeptic zone the podcast

2
00:00:26,870 --> 00:00:24,630
hello and welcome to the skeptic zone

3
00:00:29,669 --> 00:00:26,880
episode number 339

4
00:00:31,429 --> 00:00:29,679
for the 19th of april 2015. richard

5
00:00:33,030 --> 00:00:31,439
saunders here with you in sydney

6
00:00:33,990 --> 00:00:33,040
australia

7
00:00:39,110 --> 00:00:34,000
thinking

8
00:00:40,470 --> 00:00:39,120
uh as you would have

9
00:00:41,830 --> 00:00:40,480
heard a couple of weeks ago on the

10
00:00:43,590 --> 00:00:41,840
skeptic zone

11
00:00:44,709 --> 00:00:43,600
the swedish skeptics were going to have

12
00:00:47,510 --> 00:00:44,719
a meeting

13
00:00:51,670 --> 00:00:47,520

and together they and i

14

00:00:54,470 --> 00:00:51,680

uh produced a swedish version of the dvd

15

00:00:57,029 --> 00:00:54,480

the vaccination chronicles well they

16

00:00:58,950 --> 00:00:57,039

posted up a picture of their conference

17

00:01:01,029 --> 00:00:58,960

and everybody's holding up a copy of the

18

00:01:02,869 --> 00:01:01,039

swedish vaccination chronicles uh

19

00:01:04,950 --> 00:01:02,879

documentary

20

00:01:08,310 --> 00:01:04,960

that's quite a nice feeling thank you

21

00:01:09,990 --> 00:01:08,320

swedish skeptics let's hope that dvd

22

00:01:13,590 --> 00:01:10,000

makes it to the right people and does

23

00:01:15,109 --> 00:01:13,600

some good find out more by visiting www

24

00:01:15,990 --> 00:01:15,119

dot

25

00:01:17,109 --> 00:01:16,000

v

26

00:01:18,789 --> 00:01:17,119

o f

27

00:01:20,950 --> 00:01:18,799

dot s e

28

00:01:23,429 --> 00:01:20,960

but coming up on this week's show it's

29

00:01:25,190 --> 00:01:23,439

the raw skeptic report with heidi

30

00:01:27,030 --> 00:01:25,200

robertson and wow

31

00:01:29,190 --> 00:01:27,040

heidi and her friends at the northern

32

00:01:31,030 --> 00:01:29,200

rivers vaccination supporters

33

00:01:31,830 --> 00:01:31,040

have they had a week have they had a

34

00:01:33,749 --> 00:01:31,840

week

35

00:01:34,950 --> 00:01:33,759

they have been

36

00:01:37,030 --> 00:01:34,960

interviewed

37

00:01:38,390 --> 00:01:37,040

by every conceivable reporter in the

38

00:01:39,190 --> 00:01:38,400

country i think

39

00:01:41,350 --> 00:01:39,200

wow

40

00:01:43,830 --> 00:01:41,360

all about this uh government initiative

41

00:01:45,990 --> 00:01:43,840

to uh crack down on conscientious

42

00:01:47,590 --> 00:01:46,000

objectives to vaccination now the

43

00:01:49,590 --> 00:01:47,600

northern river's vaccination supported

44

00:01:52,550 --> 00:01:49,600

group is centered in mullenbimby which

45

00:01:55,830 --> 00:01:52,560

has the lowest rate of vaccination in

46

00:01:57,670 --> 00:01:55,840

the country a disgraceful thing

47

00:01:59,350 --> 00:01:57,680

so we're going to be chatting to heidi

48

00:02:00,630 --> 00:01:59,360

coming up at the top of the show all

49

00:02:02,870 --> 00:02:00,640

about her

50

00:02:04,950 --> 00:02:02,880

big week her and her friends

51
00:02:07,350 --> 00:02:04,960
uh the media she's done and more about

52
00:02:09,190 --> 00:02:07,360
the situation in mulan mimbi why are

53
00:02:11,750 --> 00:02:09,200
there so many people

54
00:02:13,910 --> 00:02:11,760
who have dropped out of uh

55
00:02:15,910 --> 00:02:13,920
of mainstream society well that's their

56
00:02:18,550 --> 00:02:15,920
right i suppose but they seem to have

57
00:02:20,150 --> 00:02:18,560
dropped their common sense as well

58
00:02:21,350 --> 00:02:20,160
we'll find out with the raw skeptic

59
00:02:22,949 --> 00:02:21,360
report

60
00:02:24,710 --> 00:02:22,959
after that it's a wig in science from

61
00:02:28,030 --> 00:02:24,720
the royal institution of australia our

62
00:02:31,589 --> 00:02:29,830
www.riaus.org you

63
00:02:33,030 --> 00:02:31,599

and after that some news about an

64

00:02:36,070 --> 00:02:33,040

upcoming

65

00:02:37,990 --> 00:02:36,080

interview show talk show star talk with

66

00:02:40,390 --> 00:02:38,000

neil degrasse tyson which is a

67

00:02:42,309 --> 00:02:40,400

premiering in australia here on the

68

00:02:44,229 --> 00:02:42,319

national geographic channel so i'll have

69

00:02:45,509 --> 00:02:44,239

a little chat about that thanks to our

70

00:02:47,670 --> 00:02:45,519

friends at the national geographic

71

00:02:50,470 --> 00:02:47,680

channel for sending me a couple of

72

00:02:52,229 --> 00:02:50,480

preview episodes enjoying that immensely

73

00:02:53,830 --> 00:02:52,239

and then to round off the show our

74

00:02:55,750 --> 00:02:53,840

special guest ross bulch from the

75

00:02:57,589 --> 00:02:55,760

brisbane skeptic society and the

76
00:02:59,990 --> 00:02:57,599
skeptically challenged podcast will be

77
00:03:01,910 --> 00:03:00,000
reading out an open letter to the

78
00:03:03,589 --> 00:03:01,920
brisbane city council

79
00:03:06,390 --> 00:03:03,599
about a banner

80
00:03:09,270 --> 00:03:06,400
strung across a busy brisbane street

81
00:03:10,949 --> 00:03:09,280
spooking world homeopathy awareness week

82
00:03:12,390 --> 00:03:10,959
yes folks we all should be aware of

83
00:03:16,229 --> 00:03:12,400
homeopathy

84
00:03:18,309 --> 00:03:16,239
and just how ridiculous it is now before

85
00:03:20,229 --> 00:03:18,319
we get stuck into the show i'm very

86
00:03:23,430 --> 00:03:20,239
pleased to say that i will be attending

87
00:03:24,309 --> 00:03:23,440
the amazing meeting tam oh yes coming up

88
00:03:26,630 --> 00:03:24,319

again

89

00:03:28,229 --> 00:03:26,640

in las vegas in oh in a couple of months

90

00:03:29,990 --> 00:03:28,239

time looking forward to catching up with

91

00:03:31,509 --> 00:03:30,000

lots of friends lots of skeptics seeing

92

00:03:34,070 --> 00:03:31,519

randy again

93

00:03:36,229 --> 00:03:34,080

always a busy time always a busy time

94

00:03:38,470 --> 00:03:36,239

but always a wonderful convention uh

95

00:03:39,990 --> 00:03:38,480

with lots going on lots to learn lots to

96

00:03:42,229 --> 00:03:40,000

do lots to see

97

00:03:44,630 --> 00:03:42,239

more news about uh the amazing meeting

98

00:03:46,710 --> 00:03:44,640

and hopefully a chat with randy himself

99

00:03:48,869 --> 00:03:46,720

in the coming weeks but now it's time

100

00:03:52,390 --> 00:03:48,879

for me to run downstairs open up the

101
00:03:54,390 --> 00:03:52,400
ladder the pantry the cupboard

102
00:03:55,750 --> 00:03:54,400
the oven the fridge

103
00:03:57,190 --> 00:03:55,760
the stove

104
00:03:59,110 --> 00:03:57,200
the range

105
00:04:02,070 --> 00:03:59,120
look into the frying pans i wonder if i

106
00:04:04,390 --> 00:04:02,080
can find some nice olive bread mmm

107
00:04:07,270 --> 00:04:04,400
have that with a little bit of uh maybe

108
00:04:10,309 --> 00:04:07,280
smashed avocado

109
00:04:13,750 --> 00:04:10,319
yeah olive oil on top of that maybe

110
00:04:38,870 --> 00:04:16,390
well i'm doing that i hope you enjoy

111
00:04:53,990 --> 00:04:41,430
it's the raw skeptic report

112
00:04:56,070 --> 00:04:54,000
heidi robertson however but heidi

113
00:04:58,230 --> 00:04:56,080

robertson is on the line all the way

114

00:04:59,990 --> 00:04:58,240

from the beautiful northern rivers area

115

00:05:01,510 --> 00:05:00,000

of new south wales here in australia

116

00:05:02,870 --> 00:05:01,520

hello heidi

117

00:05:04,469 --> 00:05:02,880

hello

118

00:05:06,310 --> 00:05:04,479

it's good to see you because for the

119

00:05:07,670 --> 00:05:06,320

benefit of our listeners we are skypeing

120

00:05:10,070 --> 00:05:07,680

at the moment there you are sitting in

121

00:05:11,590 --> 00:05:10,080

your home with a lush greenery out the

122

00:05:13,510 --> 00:05:11,600

window i can see

123

00:05:15,590 --> 00:05:13,520

um it's a nice place to live isn't it

124

00:05:17,590 --> 00:05:15,600

the mullen bimby area

125

00:05:19,830 --> 00:05:17,600

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

126

00:05:21,909 --> 00:05:19,840

gorgeous place it's very beautiful we're

127

00:05:24,390 --> 00:05:21,919

close to the coast we've got

128

00:05:26,710 --> 00:05:24,400

rainforest we've got it's it's just

129

00:05:29,110 --> 00:05:26,720

lovely yes it is and i speak from

130

00:05:33,350 --> 00:05:29,120

experience because i um

131

00:05:35,510 --> 00:05:33,360

lived there from 1975 till 1980 ish or

132

00:05:38,790 --> 00:05:35,520

something like that um went to

133

00:05:41,590 --> 00:05:38,800

mullenbimby primary school uh

134

00:05:43,029 --> 00:05:41,600

i did indeed yes and good good memories

135

00:05:45,270 --> 00:05:43,039

there so

136

00:05:46,950 --> 00:05:45,280

it for me it it really strikes a chord

137

00:05:48,629 --> 00:05:46,960

all this uh news that we're going to be

138

00:05:50,230 --> 00:05:48,639

discussing today and it's relevance to

139

00:05:52,469 --> 00:05:50,240

mullan bimby well let's start at the

140

00:05:54,550 --> 00:05:52,479

very beginning because what a week it's

141

00:05:56,469 --> 00:05:54,560

been heidi what a week it's been

142

00:05:58,390 --> 00:05:56,479

last week on the skeptic zone i read the

143

00:06:01,029 --> 00:05:58,400

uh the statement from the government

144

00:06:02,950 --> 00:06:01,039

about their moves on vaccination so i

145

00:06:04,469 --> 00:06:02,960

guess all i can do is get you to take up

146

00:06:05,510 --> 00:06:04,479

the story from there from your point of

147

00:06:08,150 --> 00:06:05,520

view because

148

00:06:10,950 --> 00:06:08,160

you've been really getting out there

149

00:06:12,710 --> 00:06:10,960

oh it's just been crazy this week

150

00:06:15,110 --> 00:06:12,720

absolutely

151

00:06:18,469 --> 00:06:15,120

completely i can't even begin to

152

00:06:20,469 --> 00:06:18,479

describe it but yeah so the um the

153

00:06:22,309 --> 00:06:20,479

the statement from

154

00:06:24,950 --> 00:06:22,319

both uh

155

00:06:25,749 --> 00:06:24,960

liberal and labour parties so it was a

156

00:06:28,469 --> 00:06:25,759

um

157

00:06:31,830 --> 00:06:28,479

i guess a bipartisan thing that happened

158

00:06:33,350 --> 00:06:31,840

about the no job no pay

159

00:06:34,550 --> 00:06:33,360

initiatives that they're going to bring

160

00:06:36,469 --> 00:06:34,560

in

161

00:06:38,550 --> 00:06:36,479

so that broke on the weekend last

162

00:06:39,350 --> 00:06:38,560

weekend

163

00:06:41,590 --> 00:06:39,360

and

164

00:06:44,070 --> 00:06:41,600

on the monday morning i guess because

165

00:06:45,990 --> 00:06:44,080

all the journalists go back to work on

166

00:06:48,309 --> 00:06:46,000

the monday morning we were just

167

00:06:49,990 --> 00:06:48,319

absolutely inundated our group the

168

00:06:53,510 --> 00:06:50,000

northern rivers vaccination supporters

169

00:06:58,550 --> 00:06:53,520

we were inundated with requests for uh

170

00:07:00,230 --> 00:06:58,560

media interviews print radio and tv

171

00:07:02,309 --> 00:07:00,240

you were indeed because i've been

172

00:07:03,830 --> 00:07:02,319

sitting here at home getting alerts from

173

00:07:05,990 --> 00:07:03,840

you

174

00:07:08,710 --> 00:07:06,000

watch this tv show watch that tv show

175

00:07:11,270 --> 00:07:08,720

and and turn on the tv and there you are

176

00:07:13,589 --> 00:07:11,280

it's been quite something it has yeah

177

00:07:14,870 --> 00:07:13,599

it started quite early on monday morning

178

00:07:17,670 --> 00:07:14,880

actually

179

00:07:19,189 --> 00:07:17,680

we got a request from abc north coast

180

00:07:20,550 --> 00:07:19,199

radio

181

00:07:23,189 --> 00:07:20,560

uh

182

00:07:26,070 --> 00:07:23,199

to for for a representative from our

183

00:07:27,670 --> 00:07:26,080

group to comment on

184

00:07:30,870 --> 00:07:27,680

what we thought of the of the

185

00:07:34,070 --> 00:07:30,880

government's proposed initiatives

186

00:07:35,909 --> 00:07:34,080

um so i i did i did that interview that

187

00:07:39,430 --> 00:07:35,919

was that actually went for about 20

188

00:07:41,749 --> 00:07:39,440

minutes um so that was a that's awesome

189

00:07:42,950 --> 00:07:41,759

if you get interviewed on on radio for

190

00:07:44,710 --> 00:07:42,960

to put your point of view and you're

191

00:07:46,550 --> 00:07:44,720

interviewed for 20 minutes you're doing

192

00:07:49,430 --> 00:07:46,560

well

193

00:07:50,790 --> 00:07:49,440

yes yes i was really nervous i'd never

194

00:07:54,869 --> 00:07:50,800

it was sort of first thing i was still

195

00:07:59,990 --> 00:07:57,589

i was i was really nervous i could i

196

00:08:01,350 --> 00:08:00,000

could hear my dry voice i could hear

197

00:08:04,070 --> 00:08:01,360

myself shaking

198

00:08:06,950 --> 00:08:04,080

but that was okay i think that went well

199

00:08:08,950 --> 00:08:06,960

and as a result of that

200

00:08:11,749 --> 00:08:08,960

radio interview

201
00:08:15,110 --> 00:08:11,759
um we then our group then got contacted

202
00:08:16,550 --> 00:08:15,120
by the local channel 7 prime and channel

203
00:08:19,029 --> 00:08:16,560
9 nbn

204
00:08:20,469 --> 00:08:19,039
news teams that also wanted

205
00:08:22,710 --> 00:08:20,479
to talk with us

206
00:08:26,390 --> 00:08:22,720
um so that very same day on the monday

207
00:08:27,510 --> 00:08:26,400
they they both sent camera crews out and

208
00:08:30,150 --> 00:08:27,520
uh

209
00:08:33,029 --> 00:08:30,160
and i did two television two television

210
00:08:35,829 --> 00:08:33,039
interviews for local two local tv

211
00:08:37,829 --> 00:08:35,839
stations one of those was

212
00:08:40,389 --> 00:08:37,839
uh

213
00:08:43,430 --> 00:08:40,399

we filmed we filmed it in another one of

214

00:08:45,750 --> 00:08:43,440

our admins houses alison's house

215

00:08:48,310 --> 00:08:45,760

but the other crew the nbn crew the

216

00:08:51,269 --> 00:08:48,320

channel 9 crew they wanted to

217

00:08:53,509 --> 00:08:51,279

actually film this story uh in the main

218

00:08:55,509 --> 00:08:53,519

street of mullen bimby

219

00:08:57,750 --> 00:08:55,519

i have to say i was a little bit

220

00:09:00,150 --> 00:08:57,760

nervous about that

221

00:09:01,670 --> 00:09:00,160

because of all the high emotions going

222

00:09:03,910 --> 00:09:01,680

on at the moment

223

00:09:06,790 --> 00:09:03,920

around town surrounding these

224

00:09:09,590 --> 00:09:06,800

initiatives there's a lot of anger

225

00:09:11,430 --> 00:09:09,600

and but anyway we did that the crew we

226
00:09:13,509 --> 00:09:11,440
went to the main street of mullenbimby

227
00:09:15,110 --> 00:09:13,519
we stood outside the smell and binbi

228
00:09:16,630 --> 00:09:15,120
sari shop

229
00:09:21,829 --> 00:09:16,640
and

230
00:09:23,990 --> 00:09:21,839
there were lots of people sort of very

231
00:09:25,590 --> 00:09:24,000
interested and having a look and slowing

232
00:09:28,710 --> 00:09:25,600
down and trying to hear what was being

233
00:09:30,310 --> 00:09:28,720
said and then right at the end of the

234
00:09:33,750 --> 00:09:30,320
interview

235
00:09:36,550 --> 00:09:33,760
the camera stopped rolling and a lady

236
00:09:38,310 --> 00:09:36,560
came up and she was absolutely

237
00:09:40,470 --> 00:09:38,320
incensed

238
00:09:42,070 --> 00:09:40,480

i kind of wish the camera had kept

239

00:09:43,269 --> 00:09:42,080

rolling because

240

00:09:47,350 --> 00:09:43,279

um

241

00:09:49,269 --> 00:09:47,360

she she just went off a rocker

242

00:09:51,750 --> 00:09:49,279

she said she was

243

00:09:53,910 --> 00:09:51,760

she said she she she came from the area

244

00:09:56,790 --> 00:09:53,920

she um came from a facility that had

245

00:09:58,949 --> 00:09:56,800

that had all unimmunised children they

246

00:10:03,430 --> 00:09:58,959

were all extremely

247

00:10:05,030 --> 00:10:03,440

i think she used the words wild livered

248

00:10:07,509 --> 00:10:05,040

and that they were going to mount a

249

00:10:10,630 --> 00:10:07,519

campaign against this the likes of the

250

00:10:11,990 --> 00:10:10,640

csg the coal seam gas campaign oh yes

251

00:10:13,829 --> 00:10:12,000

yes

252

00:10:16,790 --> 00:10:13,839

um she she looked at me and she said

253

00:10:18,870 --> 00:10:16,800

well i don't know what side you're on

254

00:10:20,949 --> 00:10:18,880

i i didn't answer that because she was

255

00:10:22,550 --> 00:10:20,959

extremely angry i just said to the

256

00:10:26,310 --> 00:10:22,560

camera crew i'll i'll leave you with

257

00:10:32,069 --> 00:10:29,269

certainly an issue that does bring out

258

00:10:33,590 --> 00:10:32,079

strong emotions no doubt and i must say

259

00:10:35,990 --> 00:10:33,600

that although

260

00:10:38,230 --> 00:10:36,000

you do your best i do my best to disown

261

00:10:41,430 --> 00:10:38,240

and and like-minded people

262

00:10:43,509 --> 00:10:41,440

what i hope we don't do is is let our

263

00:10:44,790 --> 00:10:43,519

um desire

264

00:10:46,150 --> 00:10:44,800

for the

265

00:10:48,150 --> 00:10:46,160

what we see is the right side of this

266

00:10:49,110 --> 00:10:48,160

issue get the better of us and i think

267

00:10:50,710 --> 00:10:49,120

we see that a lot in the

268

00:10:51,910 --> 00:10:50,720

anti-vaccination movement where they can

269

00:10:55,269 --> 00:10:51,920

get um

270

00:10:58,310 --> 00:10:55,279

sometimes bordering on hysterical

271

00:11:00,389 --> 00:10:58,320

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

272

00:11:02,630 --> 00:11:00,399

that as well from the pro vaccination it

273

00:11:04,949 --> 00:11:02,640

can happen we try not we try we do our

274

00:11:06,790 --> 00:11:04,959

best you know people are human i agree

275

00:11:07,990 --> 00:11:06,800

uh but i think i see it far more from

276

00:11:10,790 --> 00:11:08,000

the other side

277

00:11:12,870 --> 00:11:10,800

yeah i think so too um

278

00:11:14,949 --> 00:11:12,880

but you know it's it's really it's

279

00:11:17,110 --> 00:11:14,959

really important

280

00:11:19,030 --> 00:11:17,120

that we recognize that anything that's

281

00:11:21,269 --> 00:11:19,040

going to affect people's children is

282

00:11:23,430 --> 00:11:21,279

going to be a motive there's no

283

00:11:25,430 --> 00:11:23,440

there's no question about that and no no

284

00:11:26,389 --> 00:11:25,440

one's insinuating that

285

00:11:31,670 --> 00:11:26,399

um

286

00:11:32,949 --> 00:11:31,680

by their children everyone wants to do

287

00:11:35,269 --> 00:11:32,959

the right thing by their children the

288

00:11:36,949 --> 00:11:35,279

problem with it is that the people that

289

00:11:39,670 --> 00:11:36,959

are not vaccinating their children

290

00:11:41,590 --> 00:11:39,680

because of philosophical beliefs are

291

00:11:43,269 --> 00:11:41,600

getting their information from the wrong

292

00:11:45,269 --> 00:11:43,279

sources

293

00:11:47,590 --> 00:11:45,279

and that's the concerning bit because

294

00:11:49,110 --> 00:11:47,600

we've got so much misinformation in this

295

00:11:50,630 --> 00:11:49,120

area

296

00:11:51,990 --> 00:11:50,640

you really do you really do but what i'd

297

00:11:54,230 --> 00:11:52,000

like to do now just for the benefit of

298

00:11:56,870 --> 00:11:54,240

our listeners i'll play a little clip

299

00:11:57,829 --> 00:11:56,880

from you being interviewed uh on that uh

300

00:12:00,949 --> 00:11:57,839

very

301
00:12:02,870 --> 00:12:00,959
uh tv show little baby riley hughes that

302
00:12:04,630 --> 00:12:02,880
just lost his life to pertussis whooping

303
00:12:06,790 --> 00:12:04,640
cough in western australia

304
00:12:09,990 --> 00:12:06,800
and dana mccaffrey who lost her life

305
00:12:12,150 --> 00:12:10,000
also at 32 days both came from regions

306
00:12:14,470 --> 00:12:12,160
that have very very low vaccination

307
00:12:16,870 --> 00:12:14,480
rates and it's our responsibility as a

308
00:12:19,350 --> 00:12:16,880
community as a society to protect the

309
00:12:21,590 --> 00:12:19,360
vulnerable well well done heidi indeed i

310
00:12:23,190 --> 00:12:21,600
know how um well it's odd

311
00:12:25,030 --> 00:12:23,200
it's odd to be

312
00:12:27,430 --> 00:12:25,040
interviewed on tv with a camera in your

313
00:12:29,910 --> 00:12:27,440

face and a reporter there but you kept

314

00:12:33,110 --> 00:12:29,920

going and indeed you ended up on the

315

00:12:34,949 --> 00:12:33,120

national uh abc television program the 7

316

00:12:36,069 --> 00:12:34,959

30 report

317

00:12:41,509 --> 00:12:36,079

yes

318

00:12:43,829 --> 00:12:41,519

that was um amazing the um

319

00:12:46,069 --> 00:12:43,839

the 7 30 report one of the journalists

320

00:12:47,910 --> 00:12:46,079

there peter mccutchen um he's a senior

321

00:12:50,550 --> 00:12:47,920

journalist and a former foreign

322

00:12:53,750 --> 00:12:50,560

correspondent with the 7 30 report

323

00:12:55,750 --> 00:12:53,760

um he he gave us a call i spent about

324

00:12:57,590 --> 00:12:55,760

half an hour on the phone with him to

325

00:12:58,790 --> 00:12:57,600

start with and then he rang me back

326

00:13:00,550 --> 00:12:58,800

about it

327

00:13:02,470 --> 00:13:00,560

an hour later and said yes they want to

328

00:13:05,269 --> 00:13:02,480

run with the story can they please send

329

00:13:06,870 --> 00:13:05,279

a camera crew down from brisbane to us

330

00:13:10,069 --> 00:13:06,880

and in mullen bimby which is about a

331

00:13:13,750 --> 00:13:10,079

two-hour drive yeah um so first thing

332

00:13:16,150 --> 00:13:13,760

tuesday morning this week that happened

333

00:13:18,790 --> 00:13:16,160

and uh and that was great i think that

334

00:13:20,790 --> 00:13:18,800

came across well on the 7 30 report yes

335

00:13:22,310 --> 00:13:20,800

it did yes i think he came across very

336

00:13:24,230 --> 00:13:22,320

well and in fact i was very pleased to

337

00:13:26,470 --> 00:13:24,240

see you on on the 730 report but it

338

00:13:28,710 --> 00:13:26,480

doesn't end there i think you and uh

339

00:13:31,190 --> 00:13:28,720

alice and gayle have been even

340

00:13:33,350 --> 00:13:31,200

even been doing some more

341

00:13:34,550 --> 00:13:33,360

yes well in between that there's there's

342

00:13:37,430 --> 00:13:34,560

also been

343

00:13:38,949 --> 00:13:37,440

interviews with the local newspapers

344

00:13:40,389 --> 00:13:38,959

there's tweed valley news there's the

345

00:13:41,190 --> 00:13:40,399

northern star

346

00:13:44,550 --> 00:13:41,200

and

347

00:13:48,150 --> 00:13:44,560

here's something funny we even got a

348

00:13:49,350 --> 00:13:48,160

call from a journalist in sydney who

349

00:13:51,990 --> 00:13:49,360

writes for

350

00:13:53,670 --> 00:13:52,000

a danish newspaper

351

00:13:56,230 --> 00:13:53,680

now i was on the phone with her for

352

00:13:58,710 --> 00:13:56,240

about an hour

353

00:14:01,110 --> 00:13:58,720

and she works for one of the

354

00:14:02,870 --> 00:14:01,120

two or three major newspapers

355

00:14:04,629 --> 00:14:02,880

over there so

356

00:14:07,030 --> 00:14:04,639

that was great that's going to be she's

357

00:14:09,509 --> 00:14:07,040

going to send me a link to that um which

358

00:14:11,509 --> 00:14:09,519

we're going to get translated so see how

359

00:14:12,870 --> 00:14:11,519

that comes out good heavens but right

360

00:14:14,230 --> 00:14:12,880

now for again for the benefit of our

361

00:14:15,030 --> 00:14:14,240

listeners i'll just play a little clip

362

00:14:21,670 --> 00:14:15,040

from

363

00:14:25,030 --> 00:14:23,750

we have a vaccination right here in

364

00:14:25,829 --> 00:14:25,040

mulan

365

00:14:32,790 --> 00:14:25,839

that

366

00:14:35,829 --> 00:14:32,800

south sudan it's under 50 of kids aged 5

367

00:14:37,910 --> 00:14:35,839

are fully vaccinated

368

00:14:40,150 --> 00:14:37,920

heidi robertson feared she would lose

369

00:14:42,870 --> 00:14:40,160

her baby after contracting whooping

370

00:14:45,030 --> 00:14:42,880

cough late in her second pregnancy

371

00:14:47,430 --> 00:14:45,040

the frightening experience motivated her

372

00:14:49,350 --> 00:14:47,440

to join with other concerned citizens to

373

00:14:52,230 --> 00:14:49,360

help save lives

374

00:14:54,550 --> 00:14:52,240

in this area vaccination was like a

375

00:14:56,389 --> 00:14:54,560

taboo subject it was like bringing up

376

00:14:58,550 --> 00:14:56,399

religion or politics at a dinner party

377

00:15:00,310 --> 00:14:58,560

you just didn't do it

378

00:15:03,030 --> 00:15:00,320

the northern river's vaccination

379

00:15:04,629 --> 00:15:03,040

supporters are not sure how many locals

380

00:15:06,310 --> 00:15:04,639

particularly those who are still

381

00:15:08,389 --> 00:15:06,320

undecided about the benefits of

382

00:15:10,310 --> 00:15:08,399

vaccinations will react to the

383

00:15:12,470 --> 00:15:10,320

government's crackdown we're taking a

384

00:15:14,230 --> 00:15:12,480

bit of a and see it look approach to

385

00:15:15,509 --> 00:15:14,240

that because

386

00:15:17,350 --> 00:15:15,519

well

387

00:15:20,150 --> 00:15:17,360

the reason for that is that there hasn't

388

00:15:21,750 --> 00:15:20,160

been any research done into unique

389

00:15:24,230 --> 00:15:21,760

demographics like ours here in the

390

00:15:26,069 --> 00:15:24,240

northern rivers we just simply don't

391

00:15:27,910 --> 00:15:26,079

know if it's going to work or if it's

392

00:15:29,670 --> 00:15:27,920

not going to work

393

00:15:31,030 --> 00:15:29,680

again well done well done heidi and i

394

00:15:32,790 --> 00:15:31,040

was actually quite tickled to think that

395

00:15:34,470 --> 00:15:32,800

you've been interviewed

396

00:15:37,430 --> 00:15:34,480

by someone

397

00:15:39,110 --> 00:15:37,440

representing the danish news and it just

398

00:15:40,790 --> 00:15:39,120

reminded me that the the little

399

00:15:42,870 --> 00:15:40,800

documentary the vaccination chronicles

400

00:15:44,629 --> 00:15:42,880

is subtitled in danish on youtube as

401
00:15:46,470 --> 00:15:44,639
well so that's quite thrilling well i

402
00:15:49,910 --> 00:15:46,480
told her about that because one of her

403
00:15:51,670 --> 00:15:49,920
questions was do you think people have

404
00:15:53,670 --> 00:15:51,680
become complacent because they're not

405
00:15:56,310 --> 00:15:53,680
seeing the diseases around these days

406
00:15:58,310 --> 00:15:56,320
and i said well that's exactly right i

407
00:15:59,670 --> 00:15:58,320
think that's a that's a big factor in

408
00:16:01,990 --> 00:15:59,680
all of this and i told her about the

409
00:16:03,189 --> 00:16:02,000
vaccination chronicles

410
00:16:05,030 --> 00:16:03,199
and

411
00:16:07,350 --> 00:16:05,040
told her the link where she could see it

412
00:16:09,829 --> 00:16:07,360
as well thank you very much now it's an

413
00:16:12,629 --> 00:16:09,839

interesting point you you raise about um

414

00:16:13,829 --> 00:16:12,639

people's perception i think and uh you

415

00:16:15,350 --> 00:16:13,839

were just having a quick word to me

416

00:16:17,350 --> 00:16:15,360

before we started the interview about

417

00:16:19,590 --> 00:16:17,360

the area you live in the northern rivers

418

00:16:21,749 --> 00:16:19,600

the mullen bimby area and you're making

419

00:16:24,310 --> 00:16:21,759

the comment to me that a lot of people

420

00:16:26,389 --> 00:16:24,320

in that area don't have

421

00:16:29,430 --> 00:16:26,399

a medical doctor as their first port of

422

00:16:31,590 --> 00:16:29,440

call for their medical needs

423

00:16:33,990 --> 00:16:31,600

yeah well well i don't i don't have any

424

00:16:37,430 --> 00:16:34,000

evidence for that as such it's just

425

00:16:40,230 --> 00:16:37,440

from reading a lot of the online

426
00:16:42,470 --> 00:16:40,240
groups local groups and and forums and a

427
00:16:45,189 --> 00:16:42,480
lot of them will say that they will not

428
00:16:46,870 --> 00:16:45,199
go to see a gp they instead for their

429
00:16:49,829 --> 00:16:46,880
primary health care provider they'll see

430
00:16:53,189 --> 00:16:49,839
a homeopath a herbalist a chiropractor

431
00:16:56,069 --> 00:16:53,199
and acupuncturist and so on so

432
00:16:58,389 --> 00:16:56,079
our concern as well is that the actual

433
00:17:02,710 --> 00:16:58,399
notification rates of these vaccine

434
00:17:06,069 --> 00:17:02,720
preventable diseases might not actually

435
00:17:08,150 --> 00:17:06,079
accurately truly reflect the incidence

436
00:17:09,669 --> 00:17:08,160
rates of them because if you're not

437
00:17:11,590 --> 00:17:09,679
going to a gp

438
00:17:13,990 --> 00:17:11,600

you're not going to get diagnosed with

439

00:17:16,710 --> 00:17:14,000

say whooping cough or

440

00:17:19,110 --> 00:17:16,720

measles or whatever so we don't actually

441

00:17:21,750 --> 00:17:19,120

know if the notification rates in our

442

00:17:23,750 --> 00:17:21,760

area which are bad enough as it is um

443

00:17:24,870 --> 00:17:23,760

actually truly reflect what's happening

444

00:17:26,789 --> 00:17:24,880

here

445

00:17:29,669 --> 00:17:26,799

that's that's not good that's quite

446

00:17:31,750 --> 00:17:29,679

scary to consider that possibility

447

00:17:34,630 --> 00:17:31,760

but i can i can well believe that a lot

448

00:17:36,710 --> 00:17:34,640

of people in that area would be seeing

449

00:17:38,549 --> 00:17:36,720

um uh

450

00:17:39,350 --> 00:17:38,559

non-evidence-based

451
00:17:40,230 --> 00:17:39,360
uh

452
00:17:41,510 --> 00:17:40,240
people

453
00:17:43,750 --> 00:17:41,520
for their primary healthcare because

454
00:17:44,870 --> 00:17:43,760
they think that's the right thing to do

455
00:17:45,830 --> 00:17:44,880
they've been yeah

456
00:17:51,750 --> 00:17:45,840
they've

457
00:17:53,350 --> 00:17:51,760
is the right thing to do

458
00:17:54,870 --> 00:17:53,360
and ultimately of course they're putting

459
00:17:57,669 --> 00:17:54,880
their health and their the health of

460
00:18:00,549 --> 00:17:57,679
their children at great risk

461
00:18:02,710 --> 00:18:00,559
yeah that's exactly right and um

462
00:18:05,430 --> 00:18:02,720
the whole nature nature knows best and

463
00:18:07,909 --> 00:18:05,440

let's not interfere with nature um just

464

00:18:10,230 --> 00:18:07,919

the other day i was i was teaching a a

465

00:18:12,470 --> 00:18:10,240

first aid course and one of the

466

00:18:15,430 --> 00:18:12,480

one of one of the mums there

467

00:18:17,510 --> 00:18:15,440

during the break said to me um

468

00:18:21,029 --> 00:18:17,520

that she was concerned that a friend of

469

00:18:24,710 --> 00:18:21,039

hers child had a temperature of 40

470

00:18:26,870 --> 00:18:24,720

degrees celsius for three days

471

00:18:28,470 --> 00:18:26,880

my friend said to her have you gone to

472

00:18:30,390 --> 00:18:28,480

see the gp and she said no we don't

473

00:18:31,669 --> 00:18:30,400

believe in gps

474

00:18:34,630 --> 00:18:31,679

we are

475

00:18:37,510 --> 00:18:34,640

keeping the child warm rugging this is a

476

00:18:39,110 --> 00:18:37,520

little baby keeping keeping the baby

477

00:18:41,029 --> 00:18:39,120

rugged up and warm which is possibly the

478

00:18:42,630 --> 00:18:41,039

worst thing you can do with for a child

479

00:18:45,110 --> 00:18:42,640

with a fever because they can't control

480

00:18:47,830 --> 00:18:45,120

their body temperature as well as we can

481

00:18:49,590 --> 00:18:47,840

and the the thing is they they have such

482

00:18:51,990 --> 00:18:49,600

a mistrust of

483

00:18:53,110 --> 00:18:52,000

um the medical profession

484

00:18:56,470 --> 00:18:53,120

that you know there's an

485

00:18:59,590 --> 00:18:56,480

anti-establishment view in general here

486

00:19:02,310 --> 00:18:59,600

to the point where it's putting

487

00:19:04,230 --> 00:19:02,320

babies lives at risk well it is and and

488

00:19:07,029 --> 00:19:04,240

not only their own babies but as this

489

00:19:09,430 --> 00:19:07,039

sort of gets worse it's the babies in

490

00:19:11,510 --> 00:19:09,440

the general population now become

491

00:19:13,750 --> 00:19:11,520

becoming at risk from

492

00:19:16,070 --> 00:19:13,760

uh which which must surely happen

493

00:19:18,630 --> 00:19:16,080

because things like whooping cough and

494

00:19:20,310 --> 00:19:18,640

measles and whatnot aren't being counted

495

00:19:22,230 --> 00:19:20,320

as they should

496

00:19:24,310 --> 00:19:22,240

yep and there's no hurt immunity

497

00:19:25,830 --> 00:19:24,320

obviously um so what you're telling me

498

00:19:27,909 --> 00:19:25,840

that the vaccination rate in mullen

499

00:19:28,789 --> 00:19:27,919

bimby is is just below 50 percent i

500

00:19:31,990 --> 00:19:28,799

think

501
00:19:34,630 --> 00:19:32,000
yes we've got in mullenbimby it's the

502
00:19:36,789 --> 00:19:34,640
worst rate in australia it's just under

503
00:19:38,549 --> 00:19:36,799
50 percent of five-year-olds that are

504
00:19:39,590 --> 00:19:38,559
fully vaccinated

505
00:19:45,830 --> 00:19:39,600
and

506
00:19:46,710 --> 00:19:45,840
interesting is that so out of the 50 51

507
00:19:47,830 --> 00:19:46,720
um

508
00:19:51,430 --> 00:19:47,840
that

509
00:19:52,789 --> 00:19:51,440
are not fully vaccinated

510
00:19:55,430 --> 00:19:52,799
about 50

511
00:19:57,190 --> 00:19:55,440
of that 51

512
00:19:59,110 --> 00:19:57,200
have registered as conscientious

513
00:20:01,430 --> 00:19:59,120

objectors wow

514

00:20:03,029 --> 00:20:01,440

wow that's that that's amazing i mean i

515

00:20:04,470 --> 00:20:03,039

i'm trying to think now it's been a long

516

00:20:06,070 --> 00:20:04,480

time since i've lived in the area

517

00:20:07,990 --> 00:20:06,080

obviously but it wasn't like that when i

518

00:20:09,669 --> 00:20:08,000

was growing up i mean it was

519

00:20:11,070 --> 00:20:09,679

it was certainly more

520

00:20:12,789 --> 00:20:11,080

uh

521

00:20:15,029 --> 00:20:12,799

mainstream

522

00:20:16,710 --> 00:20:15,039

although it was always well since the

523

00:20:20,150 --> 00:20:16,720

late 60s i suppose that area of

524

00:20:22,390 --> 00:20:20,160

australia has been the hippie capital

525

00:20:23,990 --> 00:20:22,400

yeah wasn't it the aquarius festival

526

00:20:24,789 --> 00:20:24,000

that kicked it all off something like

527

00:20:28,310 --> 00:20:24,799

that

528

00:20:30,470 --> 00:20:28,320

encourage people no matter where you're

529

00:20:32,950 --> 00:20:30,480

listening uh have a look at the area go

530

00:20:35,270 --> 00:20:32,960

to google maps or your favorite program

531

00:20:36,710 --> 00:20:35,280

and just type in mulumbimbi

532

00:20:38,549 --> 00:20:36,720

um

533

00:20:40,549 --> 00:20:38,559

and you'll see it's a tiny little town

534

00:20:42,549 --> 00:20:40,559

it's near the ocean it's near byron bay

535

00:20:43,909 --> 00:20:42,559

which is a beautiful spot um there's a

536

00:20:45,830 --> 00:20:43,919

little mountain what they call a

537

00:20:47,270 --> 00:20:45,840

mountain mount chinkogen which dominates

538

00:20:48,950 --> 00:20:47,280

mull and bibby and they used to have a

539

00:20:51,510 --> 00:20:48,960

run up there every year as part of the

540

00:20:53,430 --> 00:20:51,520

fiesta so it is a it's a wonderful place

541

00:20:55,750 --> 00:20:53,440

for anybody to grow up and i enjoyed my

542

00:20:59,029 --> 00:20:55,760

my time in that area so it is sad to see

543

00:21:01,590 --> 00:20:59,039

that this sort of thing has taken hold

544

00:21:05,110 --> 00:21:01,600

it is it is but um

545

00:21:08,310 --> 00:21:05,120

focusing on a positive is that

546

00:21:11,350 --> 00:21:08,320

the last week with the media

547

00:21:15,110 --> 00:21:11,360

the media actually haven't given

548

00:21:18,950 --> 00:21:15,120

much air time at all to

549

00:21:20,149 --> 00:21:18,960

the avn yeah yeah yeah the uh what they

550

00:21:21,909 --> 00:21:20,159

used to be called the australian

551
00:21:23,190 --> 00:21:21,919
vaccination network and they were forced

552
00:21:24,230 --> 00:21:23,200
to change the name they changed the

553
00:21:28,230 --> 00:21:24,240
australian

554
00:21:33,190 --> 00:21:30,230
which which we weren't very happy about

555
00:21:35,110 --> 00:21:33,200
but there you go but yes they are

556
00:21:36,390 --> 00:21:35,120
they're it's it's like watching what is

557
00:21:38,870 --> 00:21:36,400
it a

558
00:21:42,549 --> 00:21:38,880
train crash in slow motion you know

559
00:21:44,870 --> 00:21:42,559
they're grinding to a halt and they're

560
00:21:46,470 --> 00:21:44,880
or a dying star where every now and then

561
00:21:47,510 --> 00:21:46,480
there's a bright

562
00:21:49,270 --> 00:21:47,520
bit of

563
00:21:51,590 --> 00:21:49,280

soul or flare going off but they're

564

00:21:54,310 --> 00:21:51,600

dying and they're becoming which is

565

00:21:56,630 --> 00:21:54,320

delightful to see irrelevant

566

00:21:58,950 --> 00:21:56,640

yes it was um and in fact the camera

567

00:22:01,590 --> 00:21:58,960

crews specifically said to us that they

568

00:22:06,149 --> 00:22:01,600

were not interested in

569

00:22:08,070 --> 00:22:06,159

speaking with meryl dory of the avn a

570

00:22:09,470 --> 00:22:08,080

few of them had tried to get in touch

571

00:22:11,029 --> 00:22:09,480

with her

572

00:22:13,830 --> 00:22:11,039

unsuccessfully

573

00:22:16,950 --> 00:22:13,840

the only media outlet that i heard that

574

00:22:19,510 --> 00:22:16,960

spoke with someone from the avn was

575

00:22:21,590 --> 00:22:19,520

the sydney radio station 2ue that had

576
00:22:23,669 --> 00:22:21,600
the former president greg beatty on for

577
00:22:27,430 --> 00:22:23,679
one of the interviews but apart from

578
00:22:30,470 --> 00:22:27,440
that as far as i'm aware there is no one

579
00:22:33,830 --> 00:22:30,480
from the avn that was interviewed except

580
00:22:36,470 --> 00:22:33,840
for greg beatty i think i saw a brief

581
00:22:39,029 --> 00:22:36,480
clip with the current president her name

582
00:22:41,350 --> 00:22:39,039
escapes me and well tasha david that's

583
00:22:42,789 --> 00:22:41,360
right i think she was on for about 20

584
00:22:44,149 --> 00:22:42,799
seconds on on something when i was

585
00:22:47,510 --> 00:22:44,159
channel surfing

586
00:22:50,230 --> 00:22:47,520
i'm not sure about that yeah um

587
00:22:51,510 --> 00:22:50,240
but generally speaking no um maybe after

588
00:22:54,390 --> 00:22:51,520

all this time a lot of the media have

589

00:22:56,789 --> 00:22:54,400

simply learned that um extremist

590

00:22:58,870 --> 00:22:56,799

rat bags and nuts like those people are

591

00:22:59,830 --> 00:22:58,880

only good for entertainment purposes i

592

00:23:01,510 --> 00:22:59,840

don't know

593

00:23:03,350 --> 00:23:01,520

yeah and i tell you what i think the

594

00:23:05,590 --> 00:23:03,360

other difference is that people the

595

00:23:08,549 --> 00:23:05,600

groups like stop the avn have had a

596

00:23:11,990 --> 00:23:08,559

massive impact on educating the media

597

00:23:14,390 --> 00:23:12,000

about false balance in this in this

598

00:23:17,190 --> 00:23:14,400

area and this issue because putting

599

00:23:20,149 --> 00:23:17,200

someone on like meryl dory

600

00:23:23,270 --> 00:23:20,159

up against immunization experts

601
00:23:25,270 --> 00:23:23,280
is absolutely false balance and we don't

602
00:23:28,630 --> 00:23:25,280
want to give the audience um the

603
00:23:30,630 --> 00:23:28,640
impression that both viewpoints are

604
00:23:32,789 --> 00:23:30,640
equally valid and the media is getting

605
00:23:34,950 --> 00:23:32,799
that now it's amazing it's a great

606
00:23:37,830 --> 00:23:34,960
turnaround more or less you know they

607
00:23:39,909 --> 00:23:37,840
not all the time of course um it it this

608
00:23:42,070 --> 00:23:39,919
is a very long process because they're

609
00:23:43,590 --> 00:23:42,080
so used to just an easy story is to get

610
00:23:44,710 --> 00:23:43,600
two people with different points of view

611
00:23:46,310 --> 00:23:44,720
and put them together there we are

612
00:23:47,669 --> 00:23:46,320
that's an easy story they don't have to

613
00:23:49,590 --> 00:23:47,679

do any research

614

00:23:51,510 --> 00:23:49,600

that's right but now that some of us

615

00:23:54,149 --> 00:23:51,520

have made a stand like our group and

616

00:23:56,070 --> 00:23:54,159

stop the abn have made a stand the first

617

00:23:57,990 --> 00:23:56,080

question we ask when we are now

618

00:24:00,950 --> 00:23:58,000

contacted by the media

619

00:24:03,110 --> 00:24:00,960

is are you going to interview anyone

620

00:24:05,830 --> 00:24:03,120

from the avn

621

00:24:08,630 --> 00:24:05,840

and um if they say yes then we simply

622

00:24:10,789 --> 00:24:08,640

say i'm sorry we won't be a part of that

623

00:24:13,110 --> 00:24:10,799

story yeah well this is the the stance

624

00:24:14,390 --> 00:24:13,120

that uh our colleague dr rachel dunlop

625

00:24:20,310 --> 00:24:14,400

dr he

626
00:24:21,750 --> 00:24:20,320
moment talked with the with the media

627
00:24:24,870 --> 00:24:21,760
some time ago

628
00:24:27,430 --> 00:24:24,880
um and said she would not appear or on

629
00:24:29,909 --> 00:24:27,440
radio or television if there was an um

630
00:24:31,830 --> 00:24:29,919
an avn person appearing

631
00:24:34,390 --> 00:24:31,840
yes i think it's i think it's the best

632
00:24:36,630 --> 00:24:34,400
approach to take yeah now

633
00:24:39,830 --> 00:24:36,640
and again as a result of all this

634
00:24:41,110 --> 00:24:39,840
interest your facebook has gone off its

635
00:24:45,269 --> 00:24:41,120
face

636
00:24:47,990 --> 00:24:45,279
ah has it ah our our website and our

637
00:24:49,029 --> 00:24:48,000
facebook page the northern rivers ones

638
00:24:52,310 --> 00:24:49,039

have

639

00:24:55,430 --> 00:24:52,320

been inundated with messages

640

00:24:56,710 --> 00:24:55,440

some of them are angry but a lot of them

641

00:24:59,350 --> 00:24:56,720

are

642

00:25:01,110 --> 00:24:59,360

asking for more information and we've

643

00:25:02,630 --> 00:25:01,120

been getting a lot of positive feedback

644

00:25:04,549 --> 00:25:02,640

it's been great

645

00:25:06,470 --> 00:25:04,559

it's really good to see in your and you

646

00:25:08,950 --> 00:25:06,480

showed me your stats earlier and they've

647

00:25:10,549 --> 00:25:08,960

skyrocketed it's fantastic

648

00:25:13,190 --> 00:25:10,559

yes yes

649

00:25:15,110 --> 00:25:13,200

um allison also did a

650

00:25:16,870 --> 00:25:15,120

an interview yesterday i didn't mention

651
00:25:17,909 --> 00:25:16,880
that before with the today show it's

652
00:25:19,430 --> 00:25:17,919
going to

653
00:25:21,909 --> 00:25:19,440
maybe they told us that it would

654
00:25:23,909 --> 00:25:21,919
probably air this sunday uh this sunday

655
00:25:25,190 --> 00:25:23,919
morning on the weekend today show on

656
00:25:27,350 --> 00:25:25,200
channel nine

657
00:25:29,269 --> 00:25:27,360
um and and that would that'll be good

658
00:25:31,269 --> 00:25:29,279
because not only alison from our group

659
00:25:32,950 --> 00:25:31,279
we've also got a local gp that was

660
00:25:35,350 --> 00:25:32,960
interviewed for that

661
00:25:36,870 --> 00:25:35,360
who is going to talk about what it's

662
00:25:38,390 --> 00:25:36,880
like dealing with conscientious

663
00:25:40,710 --> 00:25:38,400

objectives coming into the practice and

664

00:25:42,950 --> 00:25:40,720

wanting their forms signed

665

00:25:46,149 --> 00:25:42,960

and we also have one of our members who

666

00:25:48,870 --> 00:25:46,159

was very brave because she used to be

667

00:25:51,269 --> 00:25:48,880

uh an anti-vaccination advocate and she

668

00:25:53,669 --> 00:25:51,279

has since changed her mind and she's

669

00:25:54,470 --> 00:25:53,679

been interviewed as well for that show

670

00:25:56,549 --> 00:25:54,480

well

671

00:25:58,390 --> 00:25:56,559

through the magic of

672

00:26:00,310 --> 00:25:58,400

the internet and the podcasts and the

673

00:26:02,230 --> 00:26:00,320

time differences and all sorts of

674

00:26:04,950 --> 00:26:02,240

craziness we're actually going to play a

675

00:26:07,430 --> 00:26:04,960

clip from allison on the today show

676
00:26:09,110 --> 00:26:07,440
right now which she hasn't even done yet

677
00:26:11,510 --> 00:26:09,120
hang on

678
00:26:13,909 --> 00:26:11,520
here we go

679
00:26:16,149 --> 00:26:13,919
local mum alison gaillard considered

680
00:26:18,710 --> 00:26:16,159
leaving the town when her two daughters

681
00:26:21,990 --> 00:26:18,720
contracted whooping cough despite being

682
00:26:23,830 --> 00:26:22,000
immunised i was devastated

683
00:26:26,310 --> 00:26:23,840
i was heartbroken i really felt like i'd

684
00:26:28,549 --> 00:26:26,320
failed them and i'd let them down i had

685
00:26:30,230 --> 00:26:28,559
done everything i possibly could to

686
00:26:31,669 --> 00:26:30,240
protect them even though they were

687
00:26:33,909 --> 00:26:31,679
vaccinated

688
00:26:35,990 --> 00:26:33,919

the ordeal prompting her to set up the

689

00:26:36,950 --> 00:26:36,000

northern rivers vaccination support

690

00:26:41,029 --> 00:26:36,960

group

691

00:26:43,029 --> 00:26:41,039

i realized that there was a huge number

692

00:26:45,669 --> 00:26:43,039

of people that didn't vaccinate and i

693

00:26:48,630 --> 00:26:45,679

just felt i had to do something about it

694

00:26:50,789 --> 00:26:48,640

dr sue page says being vaccinated is

695

00:26:53,029 --> 00:26:50,799

like wearing a seat belt you wear a seat

696

00:26:55,029 --> 00:26:53,039

belt you may never be involved in a car

697

00:26:56,710 --> 00:26:55,039

accident but if you are involved in a

698

00:26:58,789 --> 00:26:56,720

car accident if you are exposed to a

699

00:27:01,350 --> 00:26:58,799

vaccine preventable disease that

700

00:27:04,070 --> 00:27:01,360

vaccination saves your child's life it

701

00:27:06,710 --> 00:27:04,080

saves your child's brain its ability to

702

00:27:08,789 --> 00:27:06,720

run around without having a measles

703

00:27:10,789 --> 00:27:08,799

virus hole punched in their lungs so

704

00:27:12,470 --> 00:27:10,799

that they're permanently respiratory

705

00:27:14,390 --> 00:27:12,480

disabled

706

00:27:17,590 --> 00:27:14,400

it's a no-brainer

707

00:27:19,269 --> 00:27:17,600

despite this opinion remains divided i

708

00:27:21,269 --> 00:27:19,279

don't trust the pharmaceutical companies

709

00:27:22,630 --> 00:27:21,279

and i think i think that's the answer

710

00:27:25,430 --> 00:27:22,640

would be for a lot of people they

711

00:27:27,590 --> 00:27:25,440

vaccinated both of my brothers but not

712

00:27:29,750 --> 00:27:27,600

me we found that like the least the less

713

00:27:31,830 --> 00:27:29,760

vaccinations we had in the family the

714

00:27:34,870 --> 00:27:31,840

less the kids got sick your kids were

715

00:27:35,990 --> 00:27:34,880

never seriously ill never

716

00:27:37,350 --> 00:27:36,000

ever

717

00:27:39,190 --> 00:27:37,360

so you made the right decision you think

718

00:27:41,909 --> 00:27:39,200

made the right decision i had a home

719

00:27:43,590 --> 00:27:41,919

birth and i did not vaccinate yeah she's

720

00:27:44,630 --> 00:27:43,600

had a first course

721

00:27:46,390 --> 00:27:44,640

yeah

722

00:27:47,669 --> 00:27:46,400

and

723

00:27:50,149 --> 00:27:47,679

i don't have

724

00:27:54,389 --> 00:27:50,159

any worries where otherwise you you

725

00:27:58,870 --> 00:27:56,870

well there we are well done alison

726

00:28:00,549 --> 00:27:58,880

well heidi wow what a time you've had

727

00:28:02,470 --> 00:28:00,559

now what's that facebook

728

00:28:03,269 --> 00:28:02,480

site for people who might want to visit

729

00:28:05,590 --> 00:28:03,279

you

730

00:28:07,990 --> 00:28:05,600

oh if they just search for northern

731

00:28:10,310 --> 00:28:08,000

rivers vaccination supporters they will

732

00:28:11,350 --> 00:28:10,320

see our open facebook page there that

733

00:28:21,029 --> 00:28:11,360

they can

734

00:28:24,149 --> 00:28:22,630

fantastic and

735

00:28:26,789 --> 00:28:24,159

as you've mentioned in your reports

736

00:28:29,350 --> 00:28:26,799

before and i'm i'm very pleased i'd like

737

00:28:32,310 --> 00:28:29,360

to attend one of these one time your

738

00:28:35,430 --> 00:28:32,320

first aid courses how are they going

739

00:28:37,590 --> 00:28:35,440

i'm flat out with those actually yes um

740

00:28:39,590 --> 00:28:37,600

yeah i teach first aid for people that

741

00:28:41,750 --> 00:28:39,600

that need that qualification for work

742

00:28:43,029 --> 00:28:41,760

it's going very well thank you i'm very

743

00:28:45,110 --> 00:28:43,039

pleased to hear that heidi and i bet

744

00:28:46,789 --> 00:28:45,120

you're a great teacher too

745

00:28:50,950 --> 00:28:46,799

well thank you

746

00:28:51,590 --> 00:28:50,960

me in your own segment i might add this

747

00:28:53,510 --> 00:28:51,600

is

748

00:28:56,470 --> 00:28:53,520

the raw skeptic report and what a report

749

00:28:58,870 --> 00:28:56,480

it's been and uh all power to you um

750

00:29:00,710 --> 00:28:58,880

folks there we are she's worth your

751
00:29:02,710 --> 00:29:00,720
support the northern rivers vaccination

752
00:29:05,110 --> 00:29:02,720
supporters are worth your support uh

753
00:29:07,430 --> 00:29:05,120
alison gaylard and all her friends do a

754
00:29:09,190 --> 00:29:07,440
marvelous job

755
00:29:23,909 --> 00:29:09,200
thank you richard

756
00:29:23,919 --> 00:29:59,750
bye

757
00:30:04,789 --> 00:30:00,470
hi

758
00:30:06,230 --> 00:30:04,799
skeptic society and chairman of the

759
00:30:07,750 --> 00:30:06,240
european council of skeptical

760
00:30:09,909 --> 00:30:07,760
organizations

761
00:30:11,750 --> 00:30:09,919
as a listener of the skeptic zone you

762
00:30:13,430 --> 00:30:11,760
probably agree that educating others

763
00:30:15,990 --> 00:30:13,440

about pseudoscience and critical

764

00:30:17,830 --> 00:30:16,000

thinking is an important task

765

00:30:19,590 --> 00:30:17,840

if you are eager to take part in either

766

00:30:20,870 --> 00:30:19,600

of these activities we would be happy to

767

00:30:23,029 --> 00:30:20,880

hear from you

768

00:30:26,149 --> 00:30:23,039

don't hesitate to contact us at

769

00:30:29,990 --> 00:30:27,470

or info

770

00:30:31,350 --> 00:30:30,000

skepticush.edu we also recommend you

771

00:30:33,110 --> 00:30:31,360

visiting our facebook page

772

00:30:35,430 --> 00:30:33,120

skepticoustashashag

773

00:30:44,070 --> 00:30:35,440

or simply come and join us at one of our

774

00:30:48,149 --> 00:30:46,549

welcome to a week in science from rios

775

00:30:49,430 --> 00:30:48,159

bringing you the science you need to

776
00:30:52,149 --> 00:30:49,440
know

777
00:30:55,110 --> 00:30:52,159
from movies to conspiracy theories we're

778
00:30:58,230 --> 00:30:55,120
surrounded by gloom and doom stories but

779
00:31:03,350 --> 00:30:58,240
is our world or even our universe

780
00:31:07,350 --> 00:31:04,950
you might have heard that there are up

781
00:31:09,029 --> 00:31:07,360
to 14 stars on a collision course with

782
00:31:10,630 --> 00:31:09,039
our solar system

783
00:31:12,230 --> 00:31:10,640
sounds grim

784
00:31:14,710 --> 00:31:12,240
but is it

785
00:31:17,750 --> 00:31:14,720
well to begin with some of the stars

786
00:31:18,710 --> 00:31:17,760
heading our way are over 250 000 years

787
00:31:23,430 --> 00:31:18,720
away

788
00:31:25,830 --> 00:31:23,440

coming near us but even if they do reach

789

00:31:27,669 --> 00:31:25,840

our solar system it doesn't necessarily

790

00:31:29,830 --> 00:31:27,679

mean we're all going to be fried in some

791

00:31:31,350 --> 00:31:29,840

cataclysmic fire storm

792

00:31:33,350 --> 00:31:31,360

they won't come close enough for the

793

00:31:35,350 --> 00:31:33,360

radiation to affect us

794

00:31:38,070 --> 00:31:35,360

danger might come from comets being

795

00:31:40,549 --> 00:31:38,080

dislodged from the oort cloud a region

796

00:31:41,750 --> 00:31:40,559

of icy rocky remnants in our outer solar

797

00:31:44,230 --> 00:31:41,760

system

798

00:31:46,149 --> 00:31:44,240

as the star approaches its gravitational

799

00:31:50,230 --> 00:31:46,159

force could send some comets from the

800

00:31:54,950 --> 00:31:53,029

okay so being crushed by a star isn't a

801
00:31:57,830 --> 00:31:54,960
concern for a while yet

802
00:32:00,389 --> 00:31:57,840
but what about a rogue asteroid impact

803
00:32:02,389 --> 00:32:00,399
nasa searches for and tracks asteroids

804
00:32:03,990 --> 00:32:02,399
and other objects in its near earth

805
00:32:06,389 --> 00:32:04,000
object program

806
00:32:08,149 --> 00:32:06,399
as objects are discovered their tracks

807
00:32:10,549 --> 00:32:08,159
are calculated to see if they pose a

808
00:32:12,710 --> 00:32:10,559
threat to earth at the moment the neo

809
00:32:14,630 --> 00:32:12,720
program doesn't report any major objects

810
00:32:16,789 --> 00:32:14,640
on a collision course with earth but

811
00:32:19,029 --> 00:32:16,799
that doesn't rule out any asteroids that

812
00:32:23,389 --> 00:32:19,039
haven't yet been spotted one close

813
00:32:27,430 --> 00:32:25,509

19997xf11 which will approach

814

00:32:29,909 --> 00:32:27,440

approximately one million kilometers

815

00:32:32,070 --> 00:32:29,919

from earth or about two and a half times

816

00:32:35,269 --> 00:32:32,080

farther than the moon the chance of this

817

00:32:37,110 --> 00:32:35,279

mile wide asteroid impacting earth is

818

00:32:39,669 --> 00:32:37,120

effectively zero

819

00:32:43,110 --> 00:32:39,679

and now let's fly into four fast facts

820

00:32:47,350 --> 00:32:45,269

nasa is planning to redirect an asteroid

821

00:32:50,389 --> 00:32:47,360

to orbit our moon so that they can study

822

00:32:52,389 --> 00:32:50,399

it more easily around 100 tons of space

823

00:32:55,350 --> 00:32:52,399

debris reaches the surface of the earth

824

00:32:57,669 --> 00:32:55,360

every day an asteroid one mile wide

825

00:32:59,990 --> 00:32:57,679

would likely flatten everything for a

826

00:33:01,750 --> 00:33:00,000

300 kilometer radius and european

827

00:33:03,750 --> 00:33:01,760

authorities have decided on the best

828

00:33:05,590 --> 00:33:03,760

advice for the public in the case of an

829

00:33:07,669 --> 00:33:05,600

asteroid explosion

830

00:33:09,830 --> 00:33:07,679

keep away from the windows and stay in

831

00:33:11,990 --> 00:33:09,840

the strongest area of the building

832

00:33:14,310 --> 00:33:12,000

that's it for this week in science for

833

00:33:17,509 --> 00:33:14,320

more information on the risks to earth

834

00:33:19,430 --> 00:33:17,519

from space go to the rio's website

835

00:33:21,830 --> 00:33:19,440

r-i-a-u-s

836

00:33:24,870 --> 00:33:21,840

dot org dot a-u

837

00:33:27,350 --> 00:33:24,880

follow us on twitter at rios and like us

838

00:33:42,470 --> 00:33:27,360

on facebook i'm tanya meyer and we'll

839

00:33:47,590 --> 00:33:43,750

hey heidi

840

00:33:50,630 --> 00:33:47,600

oh hi joe hi heidi oh hi maynard hi

841

00:33:54,870 --> 00:33:50,640

maynard oh hi joe nice day in this park

842

00:33:56,389 --> 00:33:54,880

yeah yes great weather oh look a unicorn

843

00:33:58,389 --> 00:33:56,399

a unicorn

844

00:34:01,669 --> 00:33:58,399

there are no such things as unicorns

845

00:34:03,990 --> 00:34:01,679

silly yes there are no there isn't

846

00:34:07,750 --> 00:34:04,000

hey ladies what are you arguing about

847

00:34:09,589 --> 00:34:07,760

joe thinks unicorns are real they so are

848

00:34:13,030 --> 00:34:09,599

let's look this up in the skeptics

849

00:34:15,750 --> 00:34:13,040

dictionary the words how can we do that

850

00:34:17,669 --> 00:34:15,760

in this park there are no computers here

851
00:34:20,470 --> 00:34:17,679
you ladies probably don't know about the

852
00:34:23,270 --> 00:34:20,480
skeptics dictionary app available now

853
00:34:25,750 --> 00:34:23,280
for iphone ipad and ipod touch in the

854
00:34:27,829 --> 00:34:25,760
app store yeah we do we've been

855
00:34:29,190 --> 00:34:27,839
listening to the skeptic zone for years

856
00:34:30,550 --> 00:34:29,200
you know

857
00:34:33,190 --> 00:34:30,560
yes okay

858
00:34:36,149 --> 00:34:33,200
the app lets you access all the great

859
00:34:39,030 --> 00:34:36,159
skeptics dictionary articles when you're

860
00:34:40,310 --> 00:34:39,040
on the go here let me look up unicorns

861
00:34:43,030 --> 00:34:40,320
oh cool

862
00:34:45,270 --> 00:34:43,040
heidi prepare to be proven wrong

863
00:34:47,430 --> 00:34:45,280

it says here the unicorn is a creature

864

00:34:49,270 --> 00:34:47,440

from fables aha

865

00:34:50,790 --> 00:34:49,280

actually i see now that someone just

866

00:34:52,069 --> 00:34:50,800

dumped their ice cream cone on that

867

00:34:54,790 --> 00:34:52,079

horse's head

868

00:35:00,310 --> 00:34:54,800

thanks get the dicks in your iphone app

869

00:35:04,790 --> 00:35:02,230

now here's some news from our friends at

870

00:35:06,470 --> 00:35:04,800

the national geographic channel

871

00:35:08,870 --> 00:35:06,480

national geographic channel launches

872

00:35:11,270 --> 00:35:08,880

chat show star talk hosted by neil

873

00:35:13,190 --> 00:35:11,280

degrasse tyson now neil degrasse tyson

874

00:35:17,349 --> 00:35:13,200

has been on the skeptic zone a couple of

875

00:35:20,390 --> 00:35:17,359

times most recently show 279 the 23rd of

876

00:35:22,550 --> 00:35:20,400

february in 2014 where i interviewed uh

877

00:35:25,910 --> 00:35:22,560

neil degrasse tyson together with

878

00:35:28,470 --> 00:35:25,920

andrea about the uh the cosmos series

879

00:35:31,589 --> 00:35:28,480

the new cosmos series well the

880

00:35:33,349 --> 00:35:31,599

series that was uh broadcast

881

00:35:36,710 --> 00:35:33,359

last year

882

00:35:39,510 --> 00:35:36,720

so uh neil degrasse tyson star talk and

883

00:35:41,510 --> 00:35:39,520

the blurb says national geographic is

884

00:35:43,510 --> 00:35:41,520

set to premiere its first ever

885

00:35:45,030 --> 00:35:43,520

talk show star talk

886

00:35:48,790 --> 00:35:45,040

where show host and prominent

887

00:35:51,510 --> 00:35:48,800

astrophysicist dr neil degrasse tyson

888

00:35:53,510 --> 00:35:51,520

sits down with world renowned cultural

889

00:35:55,030 --> 00:35:53,520

luminaries

890

00:35:57,750 --> 00:35:55,040

across science entertainment and

891

00:36:00,790 --> 00:35:57,760

politics like christopher nolan george

892

00:36:02,630 --> 00:36:00,800

takei and richard dawkins premiering on

893

00:36:05,349 --> 00:36:02,640

the national geographic channel on

894

00:36:07,190 --> 00:36:05,359

mondays at 9 30 p.m

895

00:36:09,990 --> 00:36:07,200

australian eastern standard time from

896

00:36:13,430 --> 00:36:10,000

the 27th of april the hour-long weekly

897

00:36:15,109 --> 00:36:13,440

series infuses pop culture with science

898

00:36:18,710 --> 00:36:15,119

while bringing together comedians and

899

00:36:20,710 --> 00:36:18,720

celebrities to delve into a wide range

900

00:36:22,230 --> 00:36:20,720

of topics and thank you national

901
00:36:24,470 --> 00:36:22,240
geographic you sent me a couple of

902
00:36:25,589 --> 00:36:24,480
episodes to preview and i enjoyed those

903
00:36:28,069 --> 00:36:25,599
immensely

904
00:36:30,150 --> 00:36:28,079
uh let's play a little clip

905
00:36:34,790 --> 00:36:30,160
from the episode with uh star trek

906
00:36:39,589 --> 00:36:37,270
when you're going up for what could be a

907
00:36:41,270 --> 00:36:39,599
running part in the series you have a

908
00:36:43,750 --> 00:36:41,280
whole

909
00:36:45,430 --> 00:36:43,760
group a team of uh

910
00:36:47,510 --> 00:36:45,440
people uh

911
00:36:50,230 --> 00:36:47,520
interviewing you

912
00:36:51,430 --> 00:36:50,240
network people advertising people and

913
00:36:53,349 --> 00:36:51,440

students because you're not a one-off

914

00:36:56,630 --> 00:36:53,359

character right they're marrying you for

915

00:36:59,910 --> 00:36:56,640

this exactly yeah uh it's uh the uh

916

00:37:03,349 --> 00:37:01,670

and i was prepared for that when i

917

00:37:05,910 --> 00:37:03,359

walked into gene roddenberry's office

918

00:37:07,589 --> 00:37:05,920

first of all he mispronounced my surname

919

00:37:09,510 --> 00:37:07,599

he called me takai

920

00:37:12,230 --> 00:37:09,520

but i corrected that

921

00:37:14,550 --> 00:37:12,240

i said my name is pronounced take

922

00:37:16,310 --> 00:37:14,560

but i don't object to kai

923

00:37:18,390 --> 00:37:16,320

because that's a japanese word that

924

00:37:20,630 --> 00:37:18,400

means expensive and he said oh my

925

00:37:23,349 --> 00:37:20,640

goodness

926

00:37:27,190 --> 00:37:25,349

doesn't mean chief either

927

00:37:31,109 --> 00:37:27,200

team robbery creator of star trek

928

00:37:34,069 --> 00:37:31,119

creator of star trek uh producer writer

929

00:37:37,349 --> 00:37:34,079

a visionary uh all-around creative guy

930

00:37:39,990 --> 00:37:37,359

creative guy and with a vision of what

931

00:37:41,829 --> 00:37:40,000

uh we could be i think they sent his

932

00:37:43,990 --> 00:37:41,839

ashes to the moon or something no not to

933

00:37:46,390 --> 00:37:44,000

the moon no uh to

934

00:37:48,550 --> 00:37:46,400

orbit so he's made it into space he's

935

00:37:51,190 --> 00:37:48,560

still out there he's still jimmy doing

936

00:37:53,270 --> 00:37:51,200

had his is sent out there too okay but

937

00:37:58,310 --> 00:37:53,280

uh i guess he wasn't quite in orbit

938

00:38:05,510 --> 00:38:01,349

uh gene roddenberry really deserves and

939

00:38:09,190 --> 00:38:05,520

and should be up there because uh

940

00:38:10,710 --> 00:38:09,200

star trek was more than just and he felt

941

00:38:12,069 --> 00:38:10,720

the television

942

00:38:15,670 --> 00:38:12,079

you know certainly needs to be

943

00:38:16,870 --> 00:38:15,680

entertained but it also needs to

944

00:38:20,470 --> 00:38:16,880

inform

945

00:38:22,870 --> 00:38:20,480

and inspire did you know this at the

946

00:38:25,510 --> 00:38:22,880

time at the time are you just doing

947

00:38:28,069 --> 00:38:25,520

television are you saying to yourself

948

00:38:30,150 --> 00:38:28,079

this is some good going down here

949

00:38:32,470 --> 00:38:30,160

this is whoa

950

00:38:35,270 --> 00:38:32,480

because the show did get cancelled

951
00:38:37,750 --> 00:38:35,280
right right but i knew that it was the

952
00:38:39,910 --> 00:38:37,760
kardashians have been went longer than

953
00:38:46,390 --> 00:38:39,920
than the original star trek yeah but we

954
00:38:52,790 --> 00:38:49,190
we talked about books we had read movies

955
00:38:54,870 --> 00:38:52,800
that we liked uh current events issues

956
00:38:57,430 --> 00:38:54,880
you know we had a wonderful engaging

957
00:38:59,430 --> 00:38:57,440
conversation he described the show

958
00:39:00,870 --> 00:38:59,440
and it was

959
00:39:02,790 --> 00:39:00,880
thrilling

960
00:39:05,109 --> 00:39:02,800
that vision that he had

961
00:39:07,510 --> 00:39:05,119
starship enterprise a metaphor for

962
00:39:10,790 --> 00:39:07,520
starship earth and the strength of the

963
00:39:13,109 --> 00:39:10,800

starship lay in its diversity coming

964

00:39:15,109 --> 00:39:13,119

together and working nobody was thinking

965

00:39:17,829 --> 00:39:15,119

that back then nobody was thinking i

966

00:39:19,829 --> 00:39:17,839

mean you know minorities weren't uh in

967

00:39:21,910 --> 00:39:19,839

anything no no

968

00:39:23,990 --> 00:39:21,920

so that's star talk coming up on the

969

00:39:26,630 --> 00:39:24,000

national geographic channel lots of

970

00:39:34,950 --> 00:39:26,640

people coming up on that series

971

00:39:39,990 --> 00:39:37,589

but questions is an award-winning weekly

972

00:39:42,150 --> 00:39:40,000

science show in french hosted by a bunch

973

00:39:44,630 --> 00:39:42,160

of crazy enthusiasts

974

00:39:46,950 --> 00:39:44,640

we are convinced that the greatest ideas

975

00:39:48,950 --> 00:39:46,960

in science are quite easy to grasp as

976
00:39:51,589 --> 00:39:48,960
long as they are presented with passion

977
00:39:53,990 --> 00:39:51,599
using a vocabulary common to all curious

978
00:39:55,270 --> 00:39:54,000
minds whatever their academic background

979
00:39:57,349 --> 00:39:55,280
if any

980
00:39:58,710 --> 00:39:57,359
we don't understand french yet well it's

981
00:40:00,310 --> 00:39:58,720
never too late

982
00:40:02,150 --> 00:40:00,320
all our stories have a written

983
00:40:04,310 --> 00:40:02,160
transcript on the website and people

984
00:40:06,950 --> 00:40:04,320
from all around the world are using our

985
00:40:09,589 --> 00:40:06,960
content to learn malia's language

986
00:40:12,190 --> 00:40:09,599
our topics range from zero to infinity

987
00:40:14,069 --> 00:40:12,200
from evolution to artificial life from

988
00:40:15,270 --> 00:40:14,079

electromagnetism to the science of

989

00:40:17,829 --> 00:40:15,280

introverts

990

00:40:21,430 --> 00:40:17,839

we just love mathematics science

991

00:40:23,109 --> 00:40:21,440

critical thinking so do you want to join

992

00:40:25,190 --> 00:40:23,119

you can subscribe to the podcast for

993

00:40:28,310 --> 00:40:25,200

free from our website podcast science

994

00:40:31,030 --> 00:40:28,320

dot fm that's in one word you also find

995

00:40:32,750 --> 00:40:31,040

us on itunes and soundcloud see you soon

996

00:40:50,550 --> 00:40:32,760

hopefully at the

997

00:40:56,150 --> 00:40:52,870

ever on the lookout for

998

00:40:57,990 --> 00:40:56,160

woo and uh superstition and

999

00:41:01,109 --> 00:40:58,000

silly things like that our good friends

1000

00:41:04,309 --> 00:41:01,119

in brisbane the brisbane skeptic society

1001
00:41:06,630 --> 00:41:04,319
noticed a huge banner draped across busy

1002
00:41:09,589 --> 00:41:06,640
wickham street in fortitude valley in

1003
00:41:11,829 --> 00:41:09,599
brisbane written on the banner in

1004
00:41:14,710 --> 00:41:11,839
very large letters

1005
00:41:20,150 --> 00:41:14,720
world homeopathy awareness week

1006
00:41:24,550 --> 00:41:21,670
minimum dose

1007
00:41:28,790 --> 00:41:24,560
maximum benefit with two logos on the

1008
00:41:31,109 --> 00:41:28,800
banner one being from homeopathyoz.org

1009
00:41:33,430 --> 00:41:31,119
which is the australian homeopathic

1010
00:41:35,910 --> 00:41:33,440
association and the other logo being

1011
00:41:38,710 --> 00:41:35,920
that of endeavour college now this

1012
00:41:42,309 --> 00:41:38,720
banner was cited and photographed by the

1013
00:41:44,390 --> 00:41:42,319

brisbane skeptics in early april and

1014

00:41:47,910 --> 00:41:44,400

prompted them to write an open letter to

1015

00:41:50,630 --> 00:41:47,920

the brisbane city council here to read

1016

00:41:55,589 --> 00:41:50,640

the open letter is none other than ross

1017

00:41:57,589 --> 00:41:55,599

balch from the brisbane skeptic society

1018

00:41:59,430 --> 00:41:57,599

despite extensive research before the

1019

00:42:01,190 --> 00:41:59,440

publishing of this letter the council

1020

00:42:03,109 --> 00:42:01,200

has since informed us that a private

1021

00:42:05,430 --> 00:42:03,119

company is responsible for banners

1022

00:42:07,349 --> 00:42:05,440

erected across wickham street

1023

00:42:09,270 --> 00:42:07,359

we are continuing our research in order

1024

00:42:11,270 --> 00:42:09,280

to discover which companies responsible

1025

00:42:12,630 --> 00:42:11,280

for this in order to let them know our

1026

00:42:14,390 --> 00:42:12,640

concerns

1027

00:42:15,990 --> 00:42:14,400

due to the fact that these kinds of use

1028

00:42:17,829 --> 00:42:16,000

of public space would still require

1029

00:42:19,990 --> 00:42:17,839

council planning permission we are not

1030

00:42:21,750 --> 00:42:20,000

retracting our original letter to the

1031

00:42:23,270 --> 00:42:21,760

brisbane city council

1032

00:42:24,950 --> 00:42:23,280

it is our hope that they will review

1033

00:42:27,190 --> 00:42:24,960

their policy on the guidelines set out

1034

00:42:30,150 --> 00:42:27,200

to contractors on what type of content

1035

00:42:32,710 --> 00:42:30,160

is allowable in a public space

1036

00:42:34,790 --> 00:42:32,720

april 10 to april 16th this year is

1037

00:42:36,550 --> 00:42:34,800

homeopathy awareness week

1038

00:42:38,390 --> 00:42:36,560

unlike other awareness events for

1039

00:42:40,150 --> 00:42:38,400

instance breast cancer awareness this

1040

00:42:42,150 --> 00:42:40,160

one is purely commercial in nature and

1041

00:42:45,190 --> 00:42:42,160

is not recognized by the un or any other

1042

00:42:47,109 --> 00:42:45,200

government body homeopathy is an alleged

1043

00:42:49,510 --> 00:42:47,119

system of medicine first devised in the

1044

00:42:52,230 --> 00:42:49,520

pre-science medical area by samuel

1045

00:42:53,750 --> 00:42:52,240

hahnemann in 1796.

1046

00:42:55,750 --> 00:42:53,760

the system is based on the principle

1047

00:42:57,430 --> 00:42:55,760

that like cures like for instance

1048

00:42:58,790 --> 00:42:57,440

caffeine promotes alertness and this

1049

00:42:59,910 --> 00:42:58,800

should be used to treat sleeping

1050

00:43:01,589 --> 00:42:59,920

disorders

1051
00:43:03,910 --> 00:43:01,599
that the more dilute the substance is

1052
00:43:06,069 --> 00:43:03,920
the greater the medical effect

1053
00:43:07,750 --> 00:43:06,079
and that's a cushion the process of

1054
00:43:10,069 --> 00:43:07,760
vibrating the mixture between each

1055
00:43:13,270 --> 00:43:10,079
dilution traditionally on a bible will

1056
00:43:15,030 --> 00:43:13,280
also make the mixture more powerful

1057
00:43:17,270 --> 00:43:15,040
a recent report by the national health

1058
00:43:19,109 --> 00:43:17,280
and medical research council echoes

1059
00:43:21,109 --> 00:43:19,119
similar reports from the uk government

1060
00:43:22,710 --> 00:43:21,119
and the cochrane review in finding that

1061
00:43:24,829 --> 00:43:22,720
there is no scientific evidence that

1062
00:43:27,109 --> 00:43:24,839
homeopathy is effective for any

1063
00:43:29,270 --> 00:43:27,119

condition this is not surprising when

1064

00:43:31,270 --> 00:43:29,280

you consider the chemistry behind it a

1065

00:43:33,270 --> 00:43:31,280

typical concentration for a homeopathic

1066

00:43:35,109 --> 00:43:33,280

preparation is 30c

1067

00:43:38,069 --> 00:43:35,119

this means that the initial substance is

1068

00:43:40,950 --> 00:43:38,079

diluted one part in a hundred usually in

1069

00:43:42,710 --> 00:43:40,960

water or alcohol 30 times in a row

1070

00:43:44,550 --> 00:43:42,720

to put this into perspective at that

1071

00:43:46,150 --> 00:43:44,560

dilution you would have to drink almost

1072

00:43:48,309 --> 00:43:46,160

four times the amount of water that

1073

00:43:50,309 --> 00:43:48,319

exists on the earth just to guarantee

1074

00:43:51,990 --> 00:43:50,319

that you consumed a single molecule of

1075

00:43:54,309 --> 00:43:52,000

the active ingredient

1076
00:43:56,309 --> 00:43:54,319
by comparison a typical paracetamol

1077
00:43:59,829 --> 00:43:56,319
tablet contains one

1078
00:44:02,390 --> 00:43:59,839
by 10 to the 15 molecules this is one

1079
00:44:03,990 --> 00:44:02,400
with 15 zeros after it

1080
00:44:06,150 --> 00:44:04,000
what is more troubling is that this

1081
00:44:08,470 --> 00:44:06,160
year's awareness week is themed around

1082
00:44:10,710 --> 00:44:08,480
treating infectious diseases

1083
00:44:12,150 --> 00:44:10,720
unlike conditions like colds or

1084
00:44:14,470 --> 00:44:12,160
headaches that typically resolve

1085
00:44:16,630 --> 00:44:14,480
themselves after a day or two infectious

1086
00:44:17,750 --> 00:44:16,640
diseases are immediate life-threatening

1087
00:44:19,510 --> 00:44:17,760
conditions

1088
00:44:21,510 --> 00:44:19,520

the world health organization has

1089

00:44:22,470 --> 00:44:21,520

specifically warned against the use of

1090

00:44:25,670 --> 00:44:22,480

homeopathy

1091

00:44:27,349 --> 00:44:25,680

to treat diseases like hiv tuberculosis

1092

00:44:29,190 --> 00:44:27,359

malaria and more

1093

00:44:31,750 --> 00:44:29,200

infectious diseases aren't the only

1094

00:44:33,670 --> 00:44:31,760

conditions however that homeopaths claim

1095

00:44:36,230 --> 00:44:33,680

to be able to treat

1096

00:44:37,990 --> 00:44:36,240

in 2005 penelope dingle died after

1097

00:44:40,309 --> 00:44:38,000

husband peter dingle treated her with

1098

00:44:41,910 --> 00:44:40,319

homeopathy instead of conventional

1099

00:44:44,150 --> 00:44:41,920

medicine

1100

00:44:46,870 --> 00:44:44,160

gloria thomas who was only 9 months old

1101

00:44:49,030 --> 00:44:46,880

died in 2009 when her parents issued

1102

00:44:51,030 --> 00:44:49,040

science-based medicine for homeopathy to

1103

00:44:52,870 --> 00:44:51,040

treat her severe eczema

1104

00:44:54,790 --> 00:44:52,880

this left her immune system vulnerable

1105

00:44:56,390 --> 00:44:54,800

and unfortunately she succumbed to an

1106

00:44:58,230 --> 00:44:56,400

eye infection

1107

00:45:00,309 --> 00:44:58,240

it is extremely concerning then that the

1108

00:45:02,230 --> 00:45:00,319

brisbane city council saw fit to allow

1109

00:45:04,230 --> 00:45:02,240

display of a banner this week and indeed

1110

00:45:06,150 --> 00:45:04,240

in previous years promoting homeopathy

1111

00:45:08,230 --> 00:45:06,160

awareness week on the busy wickham

1112

00:45:10,230 --> 00:45:08,240

street in fortitude valley

1113

00:45:12,069 --> 00:45:10,240

brisbane's skeptic society is extremely

1114

00:45:14,150 --> 00:45:12,079

disappointed that the council would not

1115

00:45:15,510 --> 00:45:14,160

carefully vet the types of organizations

1116

00:45:17,270 --> 00:45:15,520

that it would allow such prominent

1117

00:45:19,270 --> 00:45:17,280

promotions to

1118

00:45:21,589 --> 00:45:19,280

only a quick perusal of the homeopathy

1119

00:45:23,270 --> 00:45:21,599

queensland website results in several

1120

00:45:25,870 --> 00:45:23,280

statements that are either not supported

1121

00:45:28,390 --> 00:45:25,880

by scientific evidence or are

1122

00:45:29,670 --> 00:45:28,400

mischaracterizations quote it is

1123

00:45:31,750 --> 00:45:29,680

recognized by the world health

1124

00:45:33,589 --> 00:45:31,760

organization as a valid form of health

1125

00:45:35,589 --> 00:45:33,599

care end quote

1126

00:45:37,589 --> 00:45:35,599

this statement is clearly contradicted

1127

00:45:39,589 --> 00:45:37,599

by the world health organization which

1128

00:45:40,870 --> 00:45:39,599

specifically warns against homeopathy's

1129

00:45:44,630 --> 00:45:40,880

use

1130

00:45:47,109 --> 00:45:44,640

chronic illness acute conditions and

1131

00:45:48,069 --> 00:45:47,119

minor accidents requiring first aid end

1132

00:45:49,829 --> 00:45:48,079

quote

1133

00:45:51,829 --> 00:45:49,839

as stated above several scientific

1134

00:45:53,109 --> 00:45:51,839

reviews have found no evidence for this

1135

00:45:55,109 --> 00:45:53,119

statement

1136

00:45:57,030 --> 00:45:55,119

while homeopathy by definition is an

1137

00:45:59,109 --> 00:45:57,040

inert in and of itself

1138

00:46:00,790 --> 00:45:59,119

many who choose to use homeopathy do so

1139

00:46:02,870 --> 00:46:00,800

as an alternative to conventional

1140

00:46:04,790 --> 00:46:02,880

scientific based medicine

1141

00:46:06,710 --> 00:46:04,800

this unfortunately has in the past and

1142

00:46:08,790 --> 00:46:06,720

will continue into the future to have

1143

00:46:10,710 --> 00:46:08,800

potentially lethal outcomes

1144

00:46:12,550 --> 00:46:10,720

brisbane skeptic society would ask that

1145

00:46:14,550 --> 00:46:12,560

the brisbane city council think very

1146

00:46:16,150 --> 00:46:14,560

carefully in the future about the types

1147

00:46:18,150 --> 00:46:16,160

of messages that they allow to be

1148

00:46:19,589 --> 00:46:18,160

displayed in public locations such as

1149

00:46:21,829 --> 00:46:19,599

wickham street

1150

00:46:23,349 --> 00:46:21,839

brisbane city council first and foremost

1151
00:46:25,670 --> 00:46:23,359
must have the good of the community at

1152
00:46:27,990 --> 00:46:25,680
its heart a function that is not served

1153
00:46:30,150 --> 00:46:28,000
by allowing dangerous misinformation to

1154
00:46:32,550 --> 00:46:30,160
be displayed in a public place

1155
00:46:34,390 --> 00:46:32,560
regards ross balch president brisbane

1156
00:46:35,829 --> 00:46:34,400
skeptic society

1157
00:46:38,150 --> 00:46:35,839
if you would like to get involved with

1158
00:46:39,190 --> 00:46:38,160
our campaign you can contact the mayor's

1159
00:46:46,790 --> 00:46:39,200
office

1160
00:46:50,150 --> 00:46:46,800
gpo box 2287 brisbane queensland 4001

1161
00:46:55,030 --> 00:46:50,160
you can phone 07 3403 double four double

1162
00:46:59,349 --> 00:46:57,829
gov brisbane.queensland.gov a u

1163
00:47:01,990 --> 00:46:59,359

thank you ross bolsh from the brisbane

1164

00:47:04,870 --> 00:47:02,000

skeptic society and also ross you can

1165

00:47:07,589 --> 00:47:04,880

hear ross on the skeptically challenged

1166

00:47:10,069 --> 00:47:07,599

podcast good work i think open letters

1167

00:47:12,470 --> 00:47:10,079

like this are a good idea and who knows

1168

00:47:27,829 --> 00:47:12,480

maybe we won't see that silly banner

1169

00:47:33,030 --> 00:47:29,910

the skeptic magazine the journal from

1170

00:47:35,190 --> 00:47:33,040

australian skeptics subscribe online to

1171

00:47:39,990 --> 00:47:35,200

the world's second oldest skeptical

1172

00:47:46,550 --> 00:47:42,790

and click the publications link

1173

00:47:49,349 --> 00:47:46,560

you can also find there over 30 years of

1174

00:47:52,069 --> 00:47:49,359

back issues free to download

1175

00:48:08,230 --> 00:47:52,079

the skeptic magazine from australian

1176

00:48:12,630 --> 00:48:10,150

thank you for listening to the skeptic

1177

00:48:15,270 --> 00:48:12,640

zone and next week i hope we'll have a

1178

00:48:17,510 --> 00:48:15,280

report from our dear friend and reporter

1179

00:48:19,430 --> 00:48:17,520

joe alabasta it's been a little bit

1180

00:48:21,670 --> 00:48:19,440

under the weather lately get better soon

1181

00:48:24,150 --> 00:48:21,680

joe get better soon we'll see if we can

1182

00:48:25,349 --> 00:48:24,160

get uh something out of maynard too he's

1183

00:48:27,829 --> 00:48:25,359

been a little bit under the weather as

1184

00:48:29,270 --> 00:48:27,839

well what's going on and soon we'll be

1185

00:48:30,150 --> 00:48:29,280

able to tell you some more news about

1186

00:48:32,470 --> 00:48:30,160

our

1187

00:48:35,349 --> 00:48:32,480

new reporter that's very exciting and

1188

00:48:37,030 --> 00:48:35,359

before long i'll give you some uh

1189

00:48:38,710 --> 00:48:37,040

details on a personal level very

1190

00:48:41,549 --> 00:48:38,720

exciting i'm going to have an exhibition

1191

00:48:44,230 --> 00:48:41,559

of some of my photography here in sydney

1192

00:48:46,150 --> 00:48:44,240

around the middle of may but i'll be

1193

00:48:47,510 --> 00:48:46,160

letting you know about that before long

1194

00:48:50,790 --> 00:48:47,520

but for this week this is richard

1195

00:48:57,349 --> 00:48:50,800

saunders and fred the cat

1196

00:49:02,829 --> 00:48:58,950

you've been listening to the skeptic

1197

00:49:05,270 --> 00:49:02,839

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1198

00:49:08,630 --> 00:49:05,280

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1199

00:49:11,270 --> 00:49:08,640

archive of all episodes since 2008

1200

00:49:13,829 --> 00:49:11,280

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1201

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1202

00:49:19,990 --> 00:49:17,440

at skepticzone liking us on facebook and

1203

00:49:21,750 --> 00:49:20,000

leaving a review on itunes

1204

00:49:24,630 --> 00:49:21,760

you can also show your support by

1205

00:49:26,710 --> 00:49:24,640

subscribing via paypal for as little as

1206

00:49:28,630 --> 00:49:26,720

99 cents a week

1207

00:49:30,710 --> 00:49:28,640

the skeptic zone is an independent

1208

00:49:32,710 --> 00:49:30,720

production the views and opinions

1209

00:49:34,870 --> 00:49:32,720

expressed on the skeptic zone are not