

Show 519

THE
**SKEPTIC
ZONE**
PODCAST

www.skepticzone.tv

30 September 2018

Maynard



The Skeptic Zone Podcast
Show 519 - 30 Sep. 2018

Life is Wild! With Michelle Franklin
The problem of poaching

Anti-vaccination activist turns expert
witness in family court immunisation brawl

Maynard's Spooky Action....
Talk to the Animals - Part #1

Byron Bay has become
the anti-vaxxer's paradise



1
00:00:11,910 --> 00:00:09,100
welcome to the skeptic zone the podcast

2
00:00:22,880 --> 00:00:11,920
from Australia for science and reason

3
00:00:25,770 --> 00:00:22,890
[Music]

4
00:00:29,520 --> 00:00:25,780
yes it's the skeptic zone podcast

5
00:00:33,300 --> 00:00:29,530
episode number 519 for the 30th of

6
00:00:35,130 --> 00:00:33,310
September 2018 richardsaunders here with

7
00:00:38,190 --> 00:00:35,140
you from then we have look out the

8
00:00:42,720 --> 00:00:38,200
window a sunny sunny Sydney Australia

9
00:00:44,190 --> 00:00:42,730
although last night the small thunder

10
00:00:46,380 --> 00:00:44,200
lightning thunder storm came through

11
00:00:49,110 --> 00:00:46,390
said quite interesting these days when

12
00:00:52,439 --> 00:00:49,120
you hear a bit of thunder you can run to

13
00:00:54,150 --> 00:00:52,449

the internet and look up a map and shows

14

00:00:58,229 --> 00:00:54,160

you exactly where the lightning strikes

15

00:00:59,610 --> 00:00:58,239

are and the the circle expanding circle

16

00:01:02,180 --> 00:00:59,620

around the lightning strike of the

17

00:01:04,889 --> 00:01:02,190

thunder and you can see when the noise

18

00:01:07,670 --> 00:01:04,899

passes you by well by the time we've

19

00:01:10,770 --> 00:01:07,680

heard it actually it's passed you violet

20

00:01:12,660 --> 00:01:10,780

coming up on this week's show our new

21

00:01:17,359 --> 00:01:12,670

reporter Michelle Franklin talks about

22

00:01:20,730 --> 00:01:17,369

poaching not eggs poaching animals

23

00:01:24,150 --> 00:01:20,740

poaching endangered animals to harvest

24

00:01:26,400 --> 00:01:24,160

them for body parts for sudo medicine

25

00:01:28,859 --> 00:01:26,410

alternative medicine you've heard this

26

00:01:31,309 --> 00:01:28,869

sort of thing rhino horn and the bones

27

00:01:34,020 --> 00:01:31,319

of tigers and whatever the case may be

28

00:01:36,660 --> 00:01:34,030

Michelle has an idea a possible idea

29

00:01:39,809 --> 00:01:36,670

that maybe could help combat this

30

00:01:42,930 --> 00:01:39,819

terrible trade following that a news

31

00:01:47,040 --> 00:01:42,940

report in the last week about a

32

00:01:49,889 --> 00:01:47,050

so-called vaccination expert being used

33

00:01:51,029 --> 00:01:49,899

or maybe being used in a court of law

34

00:01:53,639 --> 00:01:51,039

I think you'll find this report

35

00:01:58,260 --> 00:01:53,649

interesting now some weeks ago Maynard

36

00:02:01,050 --> 00:01:58,270

was the host of a event to do of Science

37

00:02:03,960 --> 00:02:01,060

Week organized by Frankie Lee Thank You

38

00:02:05,730 --> 00:02:03,970

Frankie about talking to the animals or

39

00:02:07,830 --> 00:02:05,740

with the animals or AB the animals are

40

00:02:10,199 --> 00:02:07,840

learning about animals from experts and

41

00:02:12,949 --> 00:02:10,209

may not interview some of these animal

42

00:02:15,449 --> 00:02:12,959

experts this is where the science comes

43

00:02:17,699 --> 00:02:15,459

in with the skeptic zone with the

44

00:02:19,559 --> 00:02:17,709

science and reason there's not too much

45

00:02:24,270 --> 00:02:19,569

to be skeptical about here but it is an

46

00:02:25,800 --> 00:02:24,280

interesting topic animal science then to

47

00:02:27,839 --> 00:02:25,810

round off the show it's Heidi Robertson

48

00:02:30,270 --> 00:02:27,849

the Ross skeptic with a follow-up to the

49

00:02:33,750 --> 00:02:30,280

story she presented last week about the

50

00:02:37,170 --> 00:02:33,760

vote in the Byron Shire Council when

51
00:02:39,509 --> 00:02:37,180
where she lives that didn't stop the

52
00:02:42,929 --> 00:02:39,519
anti-vaxxers hiring out council

53
00:02:47,130 --> 00:02:42,939
facilities and Heidi will read a report

54
00:02:48,539 --> 00:02:47,140
about this written by Jane Hansen but

55
00:02:52,740 --> 00:02:48,549
now it's time for me to run downstairs

56
00:02:55,110 --> 00:02:52,750
and have one of my favorite snacks said

57
00:02:57,750 --> 00:02:55,120
come around this time of the year to do

58
00:03:00,449 --> 00:02:57,760
with Oktoberfest they call them peanut

59
00:03:03,530 --> 00:03:00,459
flips well I am munch down a few peanut

60
00:03:11,350 --> 00:03:03,540
flips I hope you enjoy the skeptic zone

61
00:03:22,130 --> 00:03:11,360
[Music]

62
00:03:43,140 --> 00:03:40,320
life is wild with Michelle Franklin so

63
00:03:44,880 --> 00:03:43,150

I'm going to be upfront here and tell

64

00:03:47,729 --> 00:03:44,890

you that I don't actually have an answer

65

00:03:49,860 --> 00:03:47,739

to this problem but I have some ideas

66

00:03:54,120 --> 00:03:49,870

and maybe if I share them you can build

67

00:03:54,540 --> 00:03:54,130

on when I say poaching what comes to

68

00:03:57,900 --> 00:03:54,550

mind

69

00:04:00,210 --> 00:03:57,910

besides eggs I get an image of a

70

00:04:02,160 --> 00:04:00,220

ruthless hunter stalking a rhino and

71

00:04:06,860 --> 00:04:02,170

then shooting it dead and removing your

72

00:04:12,540 --> 00:04:09,630

maybe you think of an endangered Tiger

73

00:04:14,729 --> 00:04:12,550

species that is killed so that its bones

74

00:04:17,099 --> 00:04:14,739

and eyes and various other equally

75

00:04:20,849 --> 00:04:17,109

useless body parts can fail to cure

76
00:04:23,370 --> 00:04:20,859
anything from malaria to broken arms or

77
00:04:26,940 --> 00:04:23,380
maybe it's the exhausted leatherback

78
00:04:29,520 --> 00:04:26,950
turtle who's done the enormous effort of

79
00:04:32,070 --> 00:04:29,530
swimming across the ocean and locating

80
00:04:34,500 --> 00:04:32,080
and crawling up some remote beach only

81
00:04:36,810 --> 00:04:34,510
to have her eggs stolen under the

82
00:04:38,790 --> 00:04:36,820
assumption that there's somehow going to

83
00:04:41,520 --> 00:04:38,800
make someone feel a bit more horny

84
00:04:43,469 --> 00:04:41,530
honestly if that's the effect that

85
00:04:45,960 --> 00:04:43,479
you're going for and you want to

86
00:04:48,120 --> 00:04:45,970
pointlessly kill an animal to get it why

87
00:04:49,740 --> 00:04:48,130
not rabbit at least there's some kind of

88
00:04:52,950 --> 00:04:49,750

correlation there that you can pretend

89
00:04:55,670 --> 00:04:52,960
mean something pseudo medicinal poaching

90
00:04:58,320 --> 00:04:55,680
is a strange and complex practice and

91
00:05:01,050 --> 00:04:58,330
motivations behind it however socially

92
00:05:02,930 --> 00:05:01,060
complex and hard to understand basically

93
00:05:06,330 --> 00:05:02,940
come down to the mistaken belief that

94
00:05:08,040 --> 00:05:06,340
some parts of some animals have magical

95
00:05:11,730 --> 00:05:08,050
healing properties that just aren't

96
00:05:15,000 --> 00:05:11,740
there but fake medicine isn't the only

97
00:05:17,370 --> 00:05:15,010
motivation behind poaching some people

98
00:05:19,500 --> 00:05:17,380
poach wildlife for meat or for cultural

99
00:05:22,500 --> 00:05:19,510
reasons or because they don't have any

100
00:05:22,860 --> 00:05:22,510
other options and the markets there and

101
00:05:26,280 --> 00:05:22,870
then

102
00:05:28,110 --> 00:05:26,290
the money some people want the animal

103
00:05:30,990 --> 00:05:28,120
products because it's a cultural status

104
00:05:32,790 --> 00:05:31,000
symbol and some people just want a photo

105
00:05:35,040 --> 00:05:32,800
of themselves standing over some big

106
00:05:36,810 --> 00:05:35,050
powerful dead thing so that they can

107
00:05:39,750 --> 00:05:36,820
pretend that it somehow proves how

108
00:05:41,760 --> 00:05:39,760
powerful and cool they are then of

109
00:05:43,860 --> 00:05:41,770
course there's the form of wildlife

110
00:05:45,719 --> 00:05:43,870
poaching that we see in the news from

111
00:05:47,850 --> 00:05:45,729
time to time in Australia where the

112
00:05:49,980 --> 00:05:47,860
motivation behind poaching is nothing to

113
00:05:51,450 --> 00:05:49,990

do with faulty thinking and it's just a

114

00:05:54,030 --> 00:05:51,460

bunch of wealthy and otherwise

115

00:05:56,250 --> 00:05:54,040

law-abiding people who really really

116

00:05:59,010 --> 00:05:56,260

like Australian animals and just want to

117

00:06:00,629 --> 00:05:59,020

pet Guyana or a black headed Python so

118

00:06:03,180 --> 00:06:00,639

what if the animals that they want are

119

00:06:05,219 --> 00:06:03,190

actually really easy to find and catch

120

00:06:07,590 --> 00:06:05,229

and people are willing to pay money for

121

00:06:10,409 --> 00:06:07,600

them what approach should we take if we

122

00:06:12,629 --> 00:06:10,419

want to protect these animals the pseudo

123

00:06:14,969 --> 00:06:12,639

medicinal poaching there are some fairly

124

00:06:16,260 --> 00:06:14,979

straightforward approaches available you

125

00:06:18,029 --> 00:06:16,270

can target the people who are actually

126

00:06:20,070 --> 00:06:18,039

doing the hunting provide them with

127

00:06:22,290 --> 00:06:20,080

better options easier ways to make money

128

00:06:23,790 --> 00:06:22,300

or you can punish them to the point

129

00:06:26,790 --> 00:06:23,800

where the punishment outweighs the

130

00:06:29,790 --> 00:06:26,800

benefits or you can focus on the people

131

00:06:31,290 --> 00:06:29,800

who buy the poach products educate them

132

00:06:34,710 --> 00:06:31,300

about the difference between powdered

133

00:06:36,480 --> 00:06:34,720

magic horn and actual medicine and give

134

00:06:37,710 --> 00:06:36,490

them access to medicine that will

135

00:06:40,320 --> 00:06:37,720

provide the benefits that they're

136

00:06:43,650 --> 00:06:40,330

looking for and by some combination of

137

00:06:45,900 --> 00:06:43,660

education support punishment maybe we

138

00:06:48,600 --> 00:06:45,910

can actually make some difference in

139

00:06:50,760 --> 00:06:48,610

this situation but what about our native

140

00:06:53,279 --> 00:06:50,770

wildlife that's being poached for the

141

00:06:55,860 --> 00:06:53,289

pet trade the price is higher the

142

00:06:57,150 --> 00:06:55,870

collecting is easy and in the unlikely

143

00:06:59,839 --> 00:06:57,160

event that you get caught the

144

00:07:02,310 --> 00:06:59,849

punishments laughable so what do we do

145

00:07:04,890 --> 00:07:02,320

we could address the on ground poachers

146

00:07:06,420 --> 00:07:04,900

try to catch every person who walks

147

00:07:07,710 --> 00:07:06,430

through the bush carrying a camera bag

148

00:07:10,680 --> 00:07:07,720

and make sure they're not popping

149

00:07:12,690 --> 00:07:10,690

lizards in as they go we could increase

150

00:07:14,610 --> 00:07:12,700

the punishments give people fines that

151
00:07:16,890 --> 00:07:14,620
are high enough to make poaching not

152
00:07:18,570 --> 00:07:16,900
worth the risk we could educate the

153
00:07:20,310 --> 00:07:18,580
high-rolling want to be herpetologist

154
00:07:22,020 --> 00:07:20,320
with questionable ethics and a really

155
00:07:24,060 --> 00:07:22,030
cool snake room about the terrible

156
00:07:26,190 --> 00:07:24,070
conditions that animals are kept in and

157
00:07:28,950 --> 00:07:26,200
how they get transported through customs

158
00:07:30,959 --> 00:07:28,960
and snut smuggled out of australia but

159
00:07:33,300 --> 00:07:30,969
then there'll always be another slightly

160
00:07:34,510 --> 00:07:33,310
less empathetic customer waiting in line

161
00:07:36,850 --> 00:07:34,520
to buy that one

162
00:07:39,249 --> 00:07:36,860
go or tree frog that survived the 18

163
00:07:42,249 --> 00:07:39,259

hours stuffed down some blokes undies I

164

00:07:44,230 --> 00:07:42,259

don't know what the answer is here one

165

00:07:46,390 --> 00:07:44,240

thing that I think is true across most

166

00:07:48,550 --> 00:07:46,400

industries is that if the market

167

00:07:51,670 --> 00:07:48,560

disappears then the producers will stop

168

00:07:54,189 --> 00:07:51,680

producing so the question I'm asking is

169

00:07:55,749 --> 00:07:54,199

can we stop wildlife poaching by

170

00:07:59,490 --> 00:07:55,759

destroying the market for illegal

171

00:08:02,110 --> 00:07:59,500

animals by flooding it with legal ones

172

00:08:04,300 --> 00:08:02,120

what if we made it legal and gave

173

00:08:06,550 --> 00:08:04,310

trained and capable people permits to

174

00:08:09,339 --> 00:08:06,560

take sustainable numbers of animals from

175

00:08:12,939 --> 00:08:09,349

the wild breed them sell them export

176
00:08:14,680 --> 00:08:12,949
them and then regulate the industry of

177
00:08:16,779 --> 00:08:14,690
course there'll be a financial value

178
00:08:18,610 --> 00:08:16,789
here and the profit would need to be

179
00:08:21,580 --> 00:08:18,620
channeled back into the system that

180
00:08:23,529 --> 00:08:21,590
monitors and regulates exports we could

181
00:08:25,839 --> 00:08:23,539
bring in strict and enforceable

182
00:08:28,990 --> 00:08:25,849
husbandry standards quarantine periods

183
00:08:30,370 --> 00:08:29,000
and animal welfare obligations effective

184
00:08:32,649 --> 00:08:30,380
record-keeping could reduce

185
00:08:34,269 --> 00:08:32,659
crossbreeding and inbreeding and help

186
00:08:37,680 --> 00:08:34,279
establish high quality reservoir

187
00:08:40,000 --> 00:08:37,690
populations with improved practices by

188
00:08:42,159 --> 00:08:40,010

taking the whole industry out of the

189

00:08:44,769 --> 00:08:42,169

black market and making it transparent

190

00:08:48,190 --> 00:08:44,779

and respectable and beneficial to the

191

00:08:50,260 --> 00:08:48,200

wildlife and if it's being managed well

192

00:08:52,510 --> 00:08:50,270

with regular gene flow from wild

193

00:08:54,730 --> 00:08:52,520

populations into the overseas captive

194

00:08:56,740 --> 00:08:54,740

populations may be the current

195

00:08:59,829 --> 00:08:56,750

populations of animals that are being

196

00:09:03,490 --> 00:08:59,839

inbred and in some cases poorly kept by

197

00:09:05,199 --> 00:09:03,500

well-meaning but naive pet owners maybe

198

00:09:07,720 --> 00:09:05,209

they'll become healthy and genetically

199

00:09:11,079 --> 00:09:07,730

useful reservoirs to act as backups for

200

00:09:13,750 --> 00:09:11,089

our endangered animals with the option

201
00:09:15,639 --> 00:09:13,760
of happy healthy legal pets motivate

202
00:09:19,120 --> 00:09:15,649
people to buy from a registered breeder

203
00:09:22,000 --> 00:09:19,130
or importer and with the availability of

204
00:09:24,400 --> 00:09:22,010
legally exported pets bring the price

205
00:09:26,530 --> 00:09:24,410
down to the point where the profit made

206
00:09:29,769 --> 00:09:26,540
from poaching just wasn't worth the risk

207
00:09:32,319 --> 00:09:29,779
of being caught I don't know maybe it

208
00:09:34,060 --> 00:09:32,329
wouldn't maybe legalizing it would just

209
00:09:36,340 --> 00:09:34,070
create another avenue for people to

210
00:09:38,350 --> 00:09:36,350
funnel illegal wildlife into a legal

211
00:09:40,690 --> 00:09:38,360
market where the buyer can be tricked

212
00:09:43,170 --> 00:09:40,700
into buying a poached lizard where they

213
00:09:46,210 --> 00:09:43,180

otherwise would have chosen not to and

214

00:09:48,249 --> 00:09:46,220

then what if it works and the price of a

215

00:09:51,219 --> 00:09:48,259

captive bred red-bellied black snake

216

00:09:53,319 --> 00:09:51,229

come solo that your previously valuable

217

00:09:55,780 --> 00:09:53,329

pet is now just another temporary

218

00:09:58,449 --> 00:09:55,790

novelty that you release into the wild

219

00:10:00,429 --> 00:09:58,459

when you become bored with it and then

220

00:10:02,349 --> 00:10:00,439

the Burmese pythons of the Florida

221

00:10:04,329 --> 00:10:02,359

Everglades are joined by invasive

222

00:10:07,389 --> 00:10:04,339

populations of tiger snakes and

223

00:10:09,819 --> 00:10:07,399

saltwater crocodiles there's definitely

224

00:10:12,159 --> 00:10:09,829

a downside to exotic pets and as much as

225

00:10:13,989 --> 00:10:12,169

I know I would earn everlasting brownie

226

00:10:16,960 --> 00:10:13,999

points if I was able to get my daughter

227

00:10:18,789 --> 00:10:16,970

a pet toucan I know it's not a good idea

228

00:10:21,879 --> 00:10:18,799

to let every nine-year-old who develops

229

00:10:24,639 --> 00:10:21,889

an interest by an endangered animal from

230

00:10:27,219 --> 00:10:24,649

the other side of the planet I don't

231

00:10:28,960 --> 00:10:27,229

know what the answer is here I feel like

232

00:10:31,179 --> 00:10:28,970

you to be great if we could have captive

233

00:10:33,099 --> 00:10:31,189

populations of every endangered species

234

00:10:34,840 --> 00:10:33,109

spread across the globe with thousands

235

00:10:36,819 --> 00:10:34,850

of people caring for them and breeding

236

00:10:39,159 --> 00:10:36,829

them and learning the ins and outs of

237

00:10:41,109 --> 00:10:39,169

what they need but for the most part

238

00:10:43,449 --> 00:10:41,119

professional zoos are already doing this

239

00:10:45,879 --> 00:10:43,459

is there any benefit to be had from

240

00:10:48,669 --> 00:10:45,889

private keepers in other countries

241

00:10:50,289 --> 00:10:48,679

having Australian wildlife and does

242

00:10:53,139 --> 00:10:50,299

there need to be is the fact that they

243

00:10:56,699 --> 00:10:53,149

want it enough to justify allowing them

244

00:10:58,509 --> 00:10:56,709

to have it in a way that minimizes harm

245

00:11:00,429 --> 00:10:58,519

especially since they're getting them

246

00:11:03,129 --> 00:11:00,439

anyway so clearly what we're doing now

247

00:11:06,429 --> 00:11:03,139

isn't stopping anyone how best can we

248

00:11:09,150 --> 00:11:06,439

minimise harm when there's a lucrative

249

00:11:12,629 --> 00:11:09,160

market for our wildlife some of which

250

00:11:15,400 --> 00:11:12,639

exists in ever diminishing populations

251
00:11:17,559 --> 00:11:15,410
please keep this question circulating in

252
00:11:19,269 --> 00:11:17,569
your mind and spare a bit of time every

253
00:11:21,669 --> 00:11:19,279
now and then to think over the value of

254
00:11:24,279 --> 00:11:21,679
our wildlife and how best we can work

255
00:11:26,109 --> 00:11:24,289
that to their advantage to keep the wild

256
00:11:28,539 --> 00:11:26,119
things in the wild places where they

257
00:11:29,270 --> 00:11:28,549
belong and out of the wild places where

258
00:11:50,420 --> 00:11:29,280
they don't

259
00:11:53,160 --> 00:11:50,430
[Music]

260
00:11:55,290 --> 00:11:53,170
everybody this is Kerry poppy from oh no

261
00:11:58,230 --> 00:11:55,300
Ross and Carrie really excited to join

262
00:12:01,560 --> 00:11:58,240
you this October for the big convention

263
00:12:02,100 --> 00:12:01,570

I've never been to Australia I hope it's

264

00:12:04,860 --> 00:12:02,110

good

265

00:12:07,470 --> 00:12:04,870

hope it exists the flat-earthers tell me

266

00:12:10,080 --> 00:12:07,480

it might not but I'm gonna be giving a

267

00:12:13,830 --> 00:12:10,090

talk about effective outreach and

268

00:12:18,000 --> 00:12:13,840

looking at movements from a perspective

269

00:12:21,510 --> 00:12:18,010

of how they evolve the different steps

270

00:12:24,210 --> 00:12:21,520

that they take and how you can outreach

271

00:12:26,910 --> 00:12:24,220

to different people depending on the

272

00:12:29,070 --> 00:12:26,920

stage that each movement is in is it

273

00:12:32,370 --> 00:12:29,080

still in its pseudo-science phase is it

274

00:12:35,880 --> 00:12:32,380

enough more of a spiritual phase is it

275

00:12:37,680 --> 00:12:35,890

in a paranormal phase I think that

276

00:12:39,150 --> 00:12:37,690

figuring that out really helps you

277

00:12:41,580 --> 00:12:39,160

figure out what the best way is to

278

00:12:43,650 --> 00:12:41,590

outreach to each group and each person

279

00:12:46,020 --> 00:12:43,660

in that group so I hope that sounds

280

00:12:48,690 --> 00:12:46,030

interesting to you I think it'll be

281

00:12:51,960 --> 00:12:48,700

really fun and informative I'm basing it

282

00:12:54,630 --> 00:12:51,970

on lots of years of hanging out with

283

00:12:57,720 --> 00:12:54,640

people with extraordinary beliefs so it

284

00:12:59,080 --> 00:12:57,730

will be a good idea I hope I'll see you

285

00:13:14,900 --> 00:12:59,090

soon bye

286

00:13:17,670 --> 00:13:14,910

[Music]

287

00:13:20,190 --> 00:13:17,680

here's a story that comes to us from the

288

00:13:22,970 --> 00:13:20,200

age the age comdata you links in the

289

00:13:26,540 --> 00:13:22,980

sweet show notes by Tyler Lewis Icahn

290

00:13:30,030 --> 00:13:26,550

published on the 23rd of September 2018

291

00:13:31,710 --> 00:13:30,040

anti-vaccination activist turns expert

292

00:13:35,700 --> 00:13:31,720

witness in family court

293

00:13:38,100 --> 00:13:35,710

immunization brawl after courting

294

00:13:40,920 --> 00:13:38,110

controversy with her PhD claiming an

295

00:13:43,290 --> 00:13:40,930

immunization conspiracy anti vaccination

296

00:13:46,290 --> 00:13:43,300

campaign a Julie Y Lehman is now

297

00:13:51,960 --> 00:13:46,300

providing her expert opinion in family

298

00:13:54,690 --> 00:13:51,970

matters before the courts the country's

299

00:13:57,570 --> 00:13:54,700

most prominent anti vaccination activist

300

00:14:00,570 --> 00:13:57,580

is claiming to be an expert witness in a

301
00:14:03,180 --> 00:14:00,580
family legal brawl over whether their

302
00:14:05,550 --> 00:14:03,190
children should be immunized Julie Y

303
00:14:08,370 --> 00:14:05,560
Lehmann a militant vaccination critic

304
00:14:11,340 --> 00:14:08,380
has lodged an expert witness statement

305
00:14:13,340 --> 00:14:11,350
in a Federal Circuit Court matter which

306
00:14:16,440 --> 00:14:13,350
claims the federal government is

307
00:14:19,830 --> 00:14:16,450
suppressing evidence immunization is

308
00:14:21,840 --> 00:14:19,840
ineffective and harmful dr. Wiley moon

309
00:14:24,060 --> 00:14:21,850
has provided the statement in support of

310
00:14:27,210 --> 00:14:24,070
a mother who does not want her children

311
00:14:29,280 --> 00:14:27,220
vaccinated the father who does want his

312
00:14:31,230 --> 00:14:29,290
children immunized has drafted in the

313
00:14:33,720 --> 00:14:31,240

former director of the National Center

314

00:14:36,330 --> 00:14:33,730

for immunization research Peter McIntyre

315

00:14:39,810 --> 00:14:36,340

to provide the court with his appraisal

316

00:14:43,200 --> 00:14:39,820

of dr. Wiley man's claims Fairfax Media

317

00:14:45,660 --> 00:14:43,210

has chosen not to disclosed the details

318

00:14:47,880 --> 00:14:45,670

of the family who are party to the

319

00:14:51,150 --> 00:14:47,890

dispute heard before the Federal Circuit

320

00:14:53,280 --> 00:14:51,160

Court in Brisbane earlier this year dr.

321

00:14:55,950 --> 00:14:53,290

Wiley man who was controversially

322

00:14:58,220 --> 00:14:55,960

awarded a humanities PhD by the

323

00:15:00,570 --> 00:14:58,230

University of Wollongong for a thesis

324

00:15:02,360 --> 00:15:00,580

which argued the World Health

325

00:15:04,620 --> 00:15:02,370

Organization colluded with

326

00:15:08,100 --> 00:15:04,630

pharmaceutical companies in a conspiracy

327

00:15:10,860 --> 00:15:08,110

to spruik unneeded vaccinations has no

328

00:15:13,620 --> 00:15:10,870

academic qualifications in medicine the

329

00:15:16,140 --> 00:15:13,630

publication of her PhD was criticized by

330

00:15:18,600 --> 00:15:16,150

a chorus of medical academics and

331

00:15:20,520 --> 00:15:18,610

scientists including the executive Dean

332

00:15:23,730 --> 00:15:20,530

of Wollongong University's science

333

00:15:26,640 --> 00:15:23,740

medicine and health faculty Allison

334

00:15:28,240 --> 00:15:26,650

Jones the government's push to vaccinate

335

00:15:31,360 --> 00:15:28,250

all children is quote

336

00:15:34,870 --> 00:15:31,370

coercion in a medical practice instead

337

00:15:37,390 --> 00:15:34,880

of informed consent and is contrary to

338

00:15:39,880 --> 00:15:37,400

the good medical practice guidelines and

339

00:15:42,310 --> 00:15:39,890

all international human rights

340

00:15:44,740 --> 00:15:42,320

conventions end quote the statement

341

00:15:46,720 --> 00:15:44,750

reads dr. Walley man's statement makes

342

00:15:48,400 --> 00:15:46,730

numerous claims about how medical

343

00:15:49,300 --> 00:15:48,410

professionals and the pharmaceutical

344

00:15:52,350 --> 00:15:49,310

industry

345

00:15:55,180 --> 00:15:52,360

disregard the risks of vaccination the

346

00:15:57,330 --> 00:15:55,190

document obtained by Fairfax media

347

00:16:00,580 --> 00:15:57,340

accuses the government of not providing

348

00:16:03,550 --> 00:16:00,590

quote hard scientific evidence of safety

349

00:16:06,460 --> 00:16:03,560

and efficacy of vaccines because it

350

00:16:08,830 --> 00:16:06,470

cannot in quote quote if the father of

351

00:16:11,980 --> 00:16:08,840

these children cannot provide this

352

00:16:13,930 --> 00:16:11,990

evidence then fully informed consent has

353

00:16:16,240 --> 00:16:13,940

not been provided and there is no

354

00:16:19,570 --> 00:16:16,250

evidence that vaccinating with the full

355

00:16:21,730 --> 00:16:19,580

schedule of 16 vaccines will be in the

356

00:16:24,310 --> 00:16:21,740

best interest of these children end

357

00:16:26,980 --> 00:16:24,320

quote the statement reads quote if the

358

00:16:30,190 --> 00:16:26,990

mother does not wish to vaccinate then

359

00:16:32,890 --> 00:16:30,200

the default position must be not to

360

00:16:34,870 --> 00:16:32,900

vaccinate end quote the office of Health

361

00:16:37,570 --> 00:16:34,880

Minister Greg Hunt declined to comment

362

00:16:40,150 --> 00:16:37,580

on the individual case which remains

363

00:16:42,340 --> 00:16:40,160

before the court but said quote he

364

00:16:44,980 --> 00:16:42,350

condemns the general claim that

365

00:16:47,800 --> 00:16:44,990

vaccinations aren't safe and quote quote

366

00:16:51,190 --> 00:16:47,810

the science is in and the medical

367

00:16:54,520 --> 00:16:51,200

experts advice is absolute vaccination

368

00:16:56,590 --> 00:16:54,530

saves lives and protects lives and they

369

00:16:59,320 --> 00:16:56,600

are an essential part of a healthy

370

00:17:02,080 --> 00:16:59,330

society in quote a spokesman for mr.

371

00:17:04,270 --> 00:17:02,090

hunt said quote we have no time for

372

00:17:06,820 --> 00:17:04,280

false claims made by the anti-vaxxers

373

00:17:08,920 --> 00:17:06,830

end quote because the judgment is yet to

374

00:17:11,800 --> 00:17:08,930

be handed down it is unclear how

375

00:17:15,610 --> 00:17:11,810

seriously the court took dr. Wylie man's

376

00:17:17,890 --> 00:17:15,620

claims tobacco claims of expertise dr.

377

00:17:19,660 --> 00:17:17,900

Weiman lists a number of presentations

378

00:17:23,200 --> 00:17:19,670

and publications on the topic of

379

00:17:26,740 --> 00:17:23,210

immunization including a 2011 work in

380

00:17:28,630 --> 00:17:26,750

medical Veritas the website is run by

381

00:17:31,510 --> 00:17:28,640

Leonard G Horowitz who claims

382

00:17:33,190 --> 00:17:31,520

vaccinations lead to quote genocide end

383

00:17:36,100 --> 00:17:33,200

quote and that the Rockefeller

384

00:17:38,860 --> 00:17:36,110

Foundation is engaged in quote musical

385

00:17:42,039 --> 00:17:38,870

cult control through the turing standard

386

00:17:44,109 --> 00:17:42,049

another presentation listed is an event

387

00:17:46,659 --> 00:17:44,119

the wily man herself organized as part

388

00:17:48,970 --> 00:17:46,669

of her vaccinations and decisions an

389

00:17:51,580 --> 00:17:48,980

outfit which campaigns against the

390

00:17:54,310 --> 00:17:51,590

government's immunization policies quote

391

00:17:56,590 --> 00:17:54,320

I am qualified to write this report

392

00:17:58,810 --> 00:17:56,600

because I am an independent person with

393

00:18:02,049 --> 00:17:58,820

expertise in public health and the

394

00:18:04,080 --> 00:18:02,059

effects of toxins on the human body end

395

00:18:07,060 --> 00:18:04,090

quote she writes in a statement

396

00:18:09,549 --> 00:18:07,070

Patrick Parkinson the head of the

397

00:18:12,850 --> 00:18:09,559

University of Queensland TC Burnie

398

00:18:15,519 --> 00:18:12,860

School of Law said quote there is a very

399

00:18:17,529 --> 00:18:15,529

rigorous test of admissibility and quote

400

00:18:20,409 --> 00:18:17,539

in order for an expert witness to be

401

00:18:22,479 --> 00:18:20,419

given credit by the court quote they

402

00:18:24,970 --> 00:18:22,489

must demonstrate they have expertise in

403

00:18:27,340 --> 00:18:24,980

the area and they must demonstrate their

404

00:18:29,289 --> 00:18:27,350

views and recommendations based upon

405

00:18:31,989 --> 00:18:29,299

that expertise in quote professor

406

00:18:34,539 --> 00:18:31,999

Parkinson said quote there will almost

407

00:18:36,460 --> 00:18:34,549

certainly be a challenge to the

408

00:18:38,859 --> 00:18:36,470

admissibility of this report as an

409

00:18:41,859 --> 00:18:38,869

expert one and two her recommendations

410

00:18:43,960 --> 00:18:41,869

flow from an expert knowledge this seems

411

00:18:46,119 --> 00:18:43,970

to be the law working properly in quota

412

00:18:48,009 --> 00:18:46,129

lawyers acting for the mother of the

413

00:18:49,869 --> 00:18:48,019

children declined to comment while

414

00:18:52,090 --> 00:18:49,879

attempts to contact lawyers acting for

415

00:18:54,009 --> 00:18:52,100

the father were unsuccessful dr. Weil

416

00:18:56,349 --> 00:18:54,019

Eamonn did not respond to multiple

417

00:18:58,629 --> 00:18:56,359

requests for comment professor McIntyre

418

00:19:00,970 --> 00:18:58,639

who is now a senior doctor at the West

419

00:19:03,249 --> 00:19:00,980

Meade Children's Hospital told Fairfax

420

00:19:05,499 --> 00:19:03,259

that Wollongong University quote must

421

00:19:08,409 --> 00:19:05,509

bear the major responsibility for

422

00:19:10,659 --> 00:19:08,419

manifestly inadequate supervision end

423

00:19:12,609 --> 00:19:10,669

quote quote it is clear from even

424

00:19:15,070 --> 00:19:12,619

cursory examination that why humans

425

00:19:17,830 --> 00:19:15,080

thesis although raising some legitimate

426
00:19:20,169 --> 00:19:17,840
questions about gaps in both the process

427
00:19:22,659 --> 00:19:20,179
and transparency of immunization policy

428
00:19:25,149 --> 00:19:22,669
development is based on a highly

429
00:19:27,759 --> 00:19:25,159
selective and poorly informed review of

430
00:19:30,430 --> 00:19:27,769
the literature driven by the imperative

431
00:19:32,889 --> 00:19:30,440
to support predetermined conclusions

432
00:19:33,940 --> 00:19:32,899
end quote he said quote this is a

433
00:19:36,849 --> 00:19:33,950
cautionary tale

434
00:19:39,369 --> 00:19:36,859
not just for Wollongong University which

435
00:19:41,289 --> 00:19:39,379
continues to maintain that supervision

436
00:19:43,479 --> 00:19:41,299
and examination of the thesis was

437
00:19:45,279 --> 00:19:43,489
appropriate despite strong contrary

438
00:19:47,710 --> 00:19:45,289

opinions from its own staff and

439

00:19:49,629 --> 00:19:47,720

prominent experts on immunization but

440

00:19:53,080 --> 00:19:49,639

for all Australian universities end

441

00:19:55,990 --> 00:19:53,090

quote the awarding of that PhD in early

442

00:19:58,660 --> 00:19:56,000

2016 was harshly criticized by

443

00:20:01,930 --> 00:19:58,670

peak clinical societies representing

444

00:20:04,600 --> 00:20:01,940

microbiology virology immunology and

445

00:20:10,630 --> 00:20:04,610

infectious diseases as well as

446

00:20:13,180 --> 00:20:10,640

scientists to staff nozzle and that

447

00:20:15,160 --> 00:20:13,190

story comes to us from the age of age

448

00:20:18,700 --> 00:20:15,170

come to you with links in this week's

449

00:20:20,590 --> 00:20:18,710

show notes and it's worth reminding you

450

00:20:23,250 --> 00:20:20,600

that in 2016

451
00:20:26,110 --> 00:20:23,260
Julie while Eamonn Ryan mutton and the

452
00:20:28,980 --> 00:20:26,120
Faculty of Social Sciences at the

453
00:20:33,790 --> 00:20:28,990
University of Wollongong was awarded the

454
00:20:36,280 --> 00:20:33,800
Australian skeptics bent spoon award for

455
00:20:38,950 --> 00:20:36,290
awarding volume and a doctorate on the

456
00:20:42,190 --> 00:20:38,960
basis of a PhD thesis riddled with

457
00:20:44,710 --> 00:20:42,200
errors miss statements poor and

458
00:20:46,520 --> 00:20:44,720
unsupported evidence and conspiratorial

459
00:21:03,950 --> 00:20:46,530
thinking

460
00:21:08,039 --> 00:21:03,960
[Music]

461
00:21:11,100 --> 00:21:08,049
dr. Harriet Hall MD no into thousands as

462
00:21:14,220 --> 00:21:11,110
the skeptic a retired family physician

463
00:21:16,260 --> 00:21:14,230

and former Air Force flight surgeon she

464

00:21:17,990 --> 00:21:16,270

writes about medicine so-called

465

00:21:21,860 --> 00:21:18,000

complementary and alternative medicine

466

00:21:24,930 --> 00:21:21,870

science fakery and critical thinking

467

00:21:27,210 --> 00:21:24,940

Harriet now has a free course a series

468

00:21:30,539 --> 00:21:27,220

of 10 video lectures on science-based

469

00:21:32,580 --> 00:21:30,549

medicine and alternative medicine the

470

00:21:34,710 --> 00:21:32,590

videos and an accompanying course guide

471

00:21:39,539 --> 00:21:34,720

can be found by following the link at

472

00:21:44,120 --> 00:21:39,549

skeptic info or by visiting web Randi's

473

00:21:47,870 --> 00:21:44,130

org slash educational - modules dot

474

00:21:50,130 --> 00:21:47,880

html' topics covered in the series are

475

00:21:51,419 --> 00:21:50,140

science-based medicine vs.

476

00:21:55,159 --> 00:21:51,429

evidence-based medicine

477

00:21:58,440 --> 00:21:55,169

what is Kam chiropractic acupuncture

478

00:22:01,230 --> 00:21:58,450

homeopathy naturopathy and herbal

479

00:22:03,930 --> 00:22:01,240

medicine energy medicine miscellaneous

480

00:22:06,930 --> 00:22:03,940

alternatives pitfalls in research and

481

00:22:10,680 --> 00:22:06,940

science based medicine in the media and

482

00:22:13,260 --> 00:22:10,690

politics Harriette covers each topic in

483

00:22:16,530 --> 00:22:13,270

a matter-of-fact no-nonsense way that

484

00:22:18,630 --> 00:22:16,540

sure to educate and entertain skeptic

485

00:22:30,210 --> 00:22:18,640

dot info

486

00:22:37,830 --> 00:22:35,410

years may not spooky action at the

487

00:22:39,730 --> 00:22:37,840

distance

488

00:22:42,070 --> 00:22:39,740

well people you might have heard about

489

00:22:43,450 --> 00:22:42,080

wires or seen about them or know someone

490

00:22:44,920 --> 00:22:43,460

who's had to ring them up and get help

491

00:22:46,870 --> 00:22:44,930

from them but I've got two people from

492

00:22:51,120 --> 00:22:46,880

wires right now and let us know what it

493

00:22:56,290 --> 00:22:51,130

stands for again wildlife information

494

00:22:56,620 --> 00:22:56,300

rescue education services and who we got

495

00:23:00,520 --> 00:22:56,630

here

496

00:23:02,470 --> 00:23:00,530

I'm Debra I'm chairperson of the wires

497

00:23:05,770 --> 00:23:02,480

Northwest branch looking after that part

498

00:23:08,590 --> 00:23:05,780

of Sydney and I'm Caroline and I'm the

499

00:23:10,300 --> 00:23:08,600

coordinator for wires Northwest actually

500

00:23:12,250 --> 00:23:10,310

first question about bats how do you get

501
00:23:13,720 --> 00:23:12,260
their poo off your car easily because

502
00:23:16,570 --> 00:23:13,730
they seem to have a very corrosive kind

503
00:23:18,730 --> 00:23:16,580
of poo probably wash the car immediately

504
00:23:20,290 --> 00:23:18,740
when you get up in the morning why is

505
00:23:22,720 --> 00:23:20,300
that poo so corrosive is because they

506
00:23:27,340 --> 00:23:22,730
acidic fruit or something they do eat

507
00:23:29,140 --> 00:23:27,350
fruit and pollen and there it passes

508
00:23:30,910 --> 00:23:29,150
through the bodies really quickly sort

509
00:23:32,530 --> 00:23:30,920
of things so it actually just basically

510
00:23:34,720 --> 00:23:32,540
goes straight through from the time that

511
00:23:36,040 --> 00:23:34,730
they write sounds like throwing a raw

512
00:23:39,310 --> 00:23:36,050
orange on your car that's what they're

513
00:23:43,870 --> 00:23:39,320

really and why did you get involved in

514

00:23:47,800 --> 00:23:43,880

wires um I retired and I was looking for

515

00:23:49,330 --> 00:23:47,810

things to do and I was I grew up with a

516

00:23:51,640 --> 00:23:49,340

father who was a bird watcher and used

517

00:23:53,860 --> 00:23:51,650

to take his bush and we so we learned to

518

00:23:55,690 --> 00:23:53,870

appreciate wildlife and I wanted to do

519

00:23:58,000 --> 00:23:55,700

something for wildlife because I think

520

00:23:59,590 --> 00:23:58,010

humans are destroying habitats and

521

00:24:01,270 --> 00:23:59,600

Wildlife is suffering

522

00:24:05,170 --> 00:24:01,280

that's for sure what attracted you to

523

00:24:10,090 --> 00:24:05,180

bats particularly I started the wires

524

00:24:11,950 --> 00:24:10,100

course and I love all animals really but

525

00:24:13,810 --> 00:24:11,960

with the bats they were talking about

526

00:24:16,270 --> 00:24:13,820

raising the baby bats and that you

527

00:24:19,240 --> 00:24:16,280

actually have to nurture and love them

528

00:24:21,640 --> 00:24:19,250

and I thought I could do that easily and

529

00:24:24,310 --> 00:24:21,650

so that's what actually attracted me to

530

00:24:26,260 --> 00:24:24,320

the bats in the first place and once I

531

00:24:27,640 --> 00:24:26,270

actually started learning about bats and

532

00:24:29,860 --> 00:24:27,650

caring for bats they're just the most

533

00:24:32,590 --> 00:24:29,870

amazing animals they're intelligent

534

00:24:35,110 --> 00:24:32,600

they're funny they're they look after

535

00:24:37,300 --> 00:24:35,120

the young incredibly well

536

00:24:38,590 --> 00:24:37,310

so it's flying foxes you've got your

537

00:24:41,500 --> 00:24:38,600

microbots they're also really

538

00:24:44,020 --> 00:24:41,510

intelligent they're incredible how they

539

00:24:45,280 --> 00:24:44,030

actually survive and what they can what

540

00:24:47,740 --> 00:24:45,290

they do to survive

541

00:24:50,710 --> 00:24:47,750

because you mainly deal with Australian

542

00:24:53,860 --> 00:24:50,720

indie animals here so so would it go to

543

00:24:55,630 --> 00:24:53,870

be counted no no goats no dogs no cats

544

00:24:56,770 --> 00:24:55,640

all right we will there's plenty of

545

00:24:59,380 --> 00:24:56,780

people that can deal with them anyway

546

00:25:02,440 --> 00:24:59,390

isn't it yeah yeah yeah so just native

547

00:25:03,730 --> 00:25:02,450

wildlife perhaps a large gray or red

548

00:25:06,190 --> 00:25:03,740

kangaroo might be something you had to

549

00:25:09,490 --> 00:25:06,200

deal with yeah we do get kangaroos in

550

00:25:11,680 --> 00:25:09,500

North West Sydney even in the suburbs in

551
00:25:13,090 --> 00:25:11,690
fact I think we've got a rescue waiting

552
00:25:14,890 --> 00:25:13,100
for a rescue at the moment for a

553
00:25:16,540 --> 00:25:14,900
kangaroo who's on the side of the road

554
00:25:21,100 --> 00:25:16,550
it's been hit by a car and that's really

555
00:25:24,460 --> 00:25:21,110
sad and we we always go out and check

556
00:25:27,040 --> 00:25:24,470
kangaroos because there may be a Joey in

557
00:25:28,660 --> 00:25:27,050
the pouch of a dead mother so then we

558
00:25:31,810 --> 00:25:28,670
bring the Joey's into care and look

559
00:25:33,880 --> 00:25:31,820
after them and that's a really demanding

560
00:25:36,610 --> 00:25:33,890
job it's sort of like eight feeds a day

561
00:25:38,920 --> 00:25:36,620
for a very young Joey and they have to

562
00:25:40,420 --> 00:25:38,930
be toileted you have a high success rate

563
00:25:43,540 --> 00:25:40,430

because I imagine sometimes it would be

564

00:25:45,250 --> 00:25:43,550

difficult to bring them up yeah and that

565

00:25:46,870 --> 00:25:45,260

they get stressed very easily and then

566

00:25:48,740 --> 00:25:46,880

they get sick so I have a huge man

567

00:25:52,010 --> 00:25:48,750

information for our our

568

00:25:53,720 --> 00:25:52,020

ruk errors and they need to be in care

569

00:25:55,789 --> 00:25:53,730

for about two years before they're old

570

00:25:58,640 --> 00:25:55,799

enough to be released so you need

571

00:26:02,090 --> 00:25:58,650

somebody with big acreage so anybody out

572

00:26:03,950 --> 00:26:02,100

there who'd like to raise kangaroo

573

00:26:06,560 --> 00:26:03,960

Joey's to talk to your local wildlife

574

00:26:07,940 --> 00:26:06,570

organization remember it's a lot of work

575

00:26:11,360 --> 00:26:07,950

remember kangaroo is just not for

576
00:26:13,100 --> 00:26:11,370
Christmas I believe they say now people

577
00:26:14,720 --> 00:26:13,110
I mean I would look at a koala and go

578
00:26:16,159 --> 00:26:14,730
I'm not going to pick that up but people

579
00:26:18,140 --> 00:26:16,169
would make the mistake of thinking that

580
00:26:19,880 --> 00:26:18,150
a koala is something you can pick up but

581
00:26:23,360 --> 00:26:19,890
that would be not the case

582
00:26:25,700 --> 00:26:23,370
no I were to talk about koalas and and

583
00:26:27,860 --> 00:26:25,710
they were saying koala calls of flaws

584
00:26:30,380 --> 00:26:27,870
are recurved they kind of curve in and

585
00:26:34,120 --> 00:26:30,390
they can kind of really grab you I had a

586
00:26:36,770 --> 00:26:34,130
I never done a koala rescue but I was

587
00:26:39,620 --> 00:26:36,780
running a course in the country once in

588
00:26:41,360 --> 00:26:39,630

a koala ran across the road in front of

589

00:26:43,789 --> 00:26:41,370

us so of course we rushed after it to

590

00:26:46,100 --> 00:26:43,799

make sure it was okay and luckily there

591

00:26:49,220 --> 00:26:46,110

was a koala rescue group nearby and we

592

00:26:52,159 --> 00:26:49,230

rang them up and and they said if it's

593

00:26:55,370 --> 00:26:52,169

got a clean white bottom and it's bright

594

00:26:57,140 --> 00:26:55,380

and alert then it's probably fine so we

595

00:26:59,960 --> 00:26:57,150

just ran up the nearest tree and we left

596

00:27:01,640 --> 00:26:59,970

it alone so it's the white bottom to

597

00:27:03,230 --> 00:27:01,650

show that it's clean and looking after

598

00:27:05,930 --> 00:27:03,240

itself what does that mean yeah an

599

00:27:07,720 --> 00:27:05,940

unhealthy koala has the yellow stains on

600

00:27:10,940 --> 00:27:07,730

its bottom because it has like diarrhea

601
00:27:13,490 --> 00:27:10,950
yeah so we learn all the time and it's

602
00:27:15,200 --> 00:27:13,500
what I love about wires is every animal

603
00:27:20,029 --> 00:27:15,210
I rescue

604
00:27:22,669 --> 00:27:20,039
I learned something new so sorry that's

605
00:27:31,490 --> 00:27:22,679
my phone that is cool that's a ring turn

606
00:27:33,350 --> 00:27:31,500
people into that and where can people

607
00:27:34,659 --> 00:27:33,360
find you online and have a look at what

608
00:27:38,180 --> 00:27:34,669
you're all about

609
00:27:39,769 --> 00:27:38,190
yau is a website and there's lots of

610
00:27:41,930 --> 00:27:39,779
useful information on the website

611
00:27:44,389 --> 00:27:41,940
including how to become a wise volunteer

612
00:27:46,669 --> 00:27:44,399
and fact sheets about things like how to

613
00:27:50,529 --> 00:27:46,679

deal with possums and brush turkeys and

614

00:27:54,919 --> 00:27:53,600

I'm here with dr. grace to tell whom doh

615

00:27:55,460 --> 00:27:54,929

what is your degree in and where did you

616

00:27:59,269 --> 00:27:55,470

get it

617

00:28:01,100 --> 00:27:59,279

I got a at Sydney University and I got

618

00:28:05,230 --> 00:28:01,110

it it's a Bachelor of veterinary science

619

00:28:07,310 --> 00:28:05,240

now they've switched over to a DVM so a

620

00:28:08,960 --> 00:28:07,320

postgraduate course now is how you do

621

00:28:10,909 --> 00:28:08,970

better at Sydney Uni but previously it

622

00:28:14,330 --> 00:28:10,919

was a bachelor's so I did that and they

623

00:28:16,250 --> 00:28:14,340

lost in 2015 I graduated and what

624

00:28:18,110 --> 00:28:16,260

attracted you to that I was at a love of

625

00:28:19,490 --> 00:28:18,120

animals or you want to do the science

626

00:28:21,350 --> 00:28:19,500

involved what was it that made you said

627

00:28:23,690 --> 00:28:21,360

that's the one yeah big bones really

628

00:28:27,350 --> 00:28:23,700

I've always loved animals always had you

629

00:28:30,019 --> 00:28:27,360

know pets as as I grew up and when I was

630

00:28:32,990 --> 00:28:30,029

seeing you 10 I was doing school over in

631

00:28:34,970 --> 00:28:33,000

England and as part of school they make

632

00:28:37,250 --> 00:28:34,980

you do you know work experience at

633

00:28:38,659 --> 00:28:37,260

wherever you would prefer and I went to

634

00:28:40,130 --> 00:28:38,669

a vet clinic there and found that really

635

00:28:42,080 --> 00:28:40,140

interesting and thought okay well that's

636

00:28:44,210 --> 00:28:42,090

one way to work with that and also let's

637

00:28:46,820 --> 00:28:44,220

explore that path a little bit more and

638

00:28:48,440 --> 00:28:46,830

the science behind it and you know

639

00:28:50,659 --> 00:28:48,450

treating animals is also really

640

00:28:52,370 --> 00:28:50,669

interesting as well so it went down that

641

00:28:54,740 --> 00:28:52,380

path and then once you work in general

642

00:28:58,789 --> 00:28:54,750

practice you get another idea of how it

643

00:29:02,240 --> 00:28:58,799

is and go it's like a knock doctor or a

644

00:29:04,130 --> 00:29:02,250

nurse you did the you see animals in

645

00:29:06,289 --> 00:29:04,140

distress all the time so how do you deal

646

00:29:08,870 --> 00:29:06,299

with that as event yeah I mean it's hard

647

00:29:11,120 --> 00:29:08,880

and you know aspects we do also have to

648

00:29:13,580 --> 00:29:11,130

ethanize pets you know when they're

649

00:29:16,430 --> 00:29:13,590

really sick or they're old but you know

650

00:29:18,799 --> 00:29:16,440

it's always some people struggle with it

651
00:29:21,139 --> 00:29:18,809
more than others just like everyone

652
00:29:22,700 --> 00:29:21,149
your strengths in some areas different

653
00:29:24,139 --> 00:29:22,710
at the end of the day you've got to

654
00:29:28,149 --> 00:29:24,149
remember you're doing the best for that

655
00:29:31,369 --> 00:29:28,159
that patient and ending suffering and

656
00:29:33,110 --> 00:29:31,379
for welfare and quality of life as well

657
00:29:35,180 --> 00:29:33,120
so you know it's you've always got to

658
00:29:38,239 --> 00:29:35,190
look at it that way otherwise it can you

659
00:29:40,820 --> 00:29:38,249
know it can get hard but you know you're

660
00:29:43,060 --> 00:29:40,830
trained to do the best for that animal

661
00:29:45,649 --> 00:29:43,070
and it make them healthy and happy so

662
00:29:47,509 --> 00:29:45,659
and grace even within your lifetime and

663
00:29:48,950 --> 00:29:47,519

certainly within mine the attitude to

664

00:29:52,190 --> 00:29:48,960

what amount of treatment should be given

665

00:29:54,409 --> 00:29:52,200

to a pet has it changed like in the 70s

666

00:29:55,999 --> 00:29:54,419

if you had to spend \$200 on an animal

667

00:29:57,889 --> 00:29:56,009

that would just be you wouldn't even

668

00:29:59,779 --> 00:29:57,899

think about it but now people do limb

669

00:30:01,730 --> 00:29:59,789

Murray constructions and and theirs is

670

00:30:03,649 --> 00:30:01,740

their dialysis for cats even I mean

671

00:30:05,090 --> 00:30:03,659

really expensive treatments people can

672

00:30:07,430 --> 00:30:05,100

spend I don't know you would know how

673

00:30:09,470 --> 00:30:07,440

much it is but like \$8,000 or up on

674

00:30:10,999 --> 00:30:09,480

their cat and that would be unheard of

675

00:30:12,560 --> 00:30:11,009

before yeah definitely

676

00:30:15,200 --> 00:30:12,570

the times are definitely changed with

677

00:30:17,899 --> 00:30:15,210

that and and I guess it's also that the

678

00:30:19,249 --> 00:30:17,909

pets are now I guess more really

679

00:30:20,930 --> 00:30:19,259

integrating parts of the family you know

680

00:30:22,549 --> 00:30:20,940

they're a member of the family so you

681

00:30:24,470 --> 00:30:22,559

want to do them as much as you can and

682

00:30:26,299 --> 00:30:24,480

pet insurance definitely is worthwhile

683

00:30:28,369 --> 00:30:26,309

in case those sort of things happened

684

00:30:30,169 --> 00:30:28,379

and there is a \$10,000 surgery or

685

00:30:32,299 --> 00:30:30,179

treatment required so pet insurance

686

00:30:34,009 --> 00:30:32,309

again is a new thing to Australia as

687

00:30:36,259 --> 00:30:34,019

well it was in England and America a lot

688

00:30:37,669 --> 00:30:36,269

earlier on and later to come to

689

00:30:39,560 --> 00:30:37,679

Australia but it definitely helps with

690

00:30:41,629 --> 00:30:39,570

those sort of situations where it's

691

00:30:42,980 --> 00:30:41,639

gonna be a big bill but yeah it

692

00:30:45,350 --> 00:30:42,990

definitely has changed over the years

693

00:30:49,909 --> 00:30:45,360

sure what's the strangest hey behavior

694

00:30:54,700 --> 00:30:49,919

you observed in a household pet yeah

695

00:30:59,050 --> 00:30:57,220

that's a very good question I know

696

00:31:01,080 --> 00:30:59,060

because you get a lot there but as well

697

00:31:03,370 --> 00:31:01,090

as that you get people you get some

698

00:31:04,510 --> 00:31:03,380

pseudo science in the area as well to

699

00:31:06,310 --> 00:31:04,520

get people think that they could they

700

00:31:07,900 --> 00:31:06,320

can mind Amell with the cat or they can

701
00:31:09,280 --> 00:31:07,910
psychically read the cat and that kind

702
00:31:10,930 --> 00:31:09,290
of thing and as in humans there's

703
00:31:13,330 --> 00:31:10,940
probably no evidence of that is there no

704
00:31:18,070 --> 00:31:13,340
we aren't being bets we do go off the

705
00:31:21,280 --> 00:31:18,080
science and studying them so I think as

706
00:31:22,990 --> 00:31:21,290
we get into the science and help them as

707
00:31:24,880 --> 00:31:23,000
much as we can and where can we find you

708
00:31:27,400 --> 00:31:24,890
online and what you do online yes so

709
00:31:29,680 --> 00:31:27,410
we're at sea animal behavior service in

710
00:31:31,690 --> 00:31:29,690
Seaforth and we also consult out of

711
00:31:36,040 --> 00:31:31,700
animal referral hospital in Homebush and

712
00:31:38,770 --> 00:31:36,050
our websites wws ABS so sydney animal

713
00:31:40,600 --> 00:31:38,780

behavior service combo you dr. grace

714

00:31:42,100 --> 00:31:40,610

they tell their who has such weird

715

00:31:43,690 --> 00:31:42,110

experiences with animals she camping the

716

00:31:45,520 --> 00:31:43,700

term I don't blame you because every day

717

00:31:49,450 --> 00:31:45,530

must be an adventure yes too many to

718

00:31:51,250 --> 00:31:49,460

count really I'm here dr. Matthew

719

00:31:53,110 --> 00:31:51,260

Bobbitt who like myself as I mentioned

720

00:31:54,820 --> 00:31:53,120

earlier is a fan of the pygmy hippo the

721

00:31:57,040 --> 00:31:54,830

only animal in nature it looks like it's

722

00:31:59,770 --> 00:31:57,050

wearing a skinny that's true indeed I

723

00:32:03,640 --> 00:31:59,780

love hippos and the Oriental oriental

724

00:32:05,200 --> 00:32:03,650

small-clawed otters that I like of

725

00:32:07,180 --> 00:32:05,210

course they are well you know anything

726
00:32:07,690 --> 00:32:07,190
that's actually unusual and strange I'm

727
00:32:09,640 --> 00:32:07,700
in there

728
00:32:11,110 --> 00:32:09,650
yeah well the assassin about what's ago

729
00:32:13,210 --> 00:32:11,120
that is it a native Australian thing

730
00:32:15,310 --> 00:32:13,220
yeah absolutely assassin bugs are found

731
00:32:16,900 --> 00:32:15,320
all over the world so one of the things

732
00:32:18,880 --> 00:32:16,910
that people don't realize is that when

733
00:32:20,500 --> 00:32:18,890
they use the term bug I think that's any

734
00:32:22,060 --> 00:32:20,510
kind of creepy crawly but it's not

735
00:32:24,250 --> 00:32:22,070
actually true so there's actually a

736
00:32:26,380 --> 00:32:24,260
particular group of insects that have

737
00:32:28,630 --> 00:32:26,390
mouth parts like a drinking straw which

738
00:32:30,880 --> 00:32:28,640

like piercing the plants normally but

739

00:32:32,710 --> 00:32:30,890

assassin bugs exception to the rule

740

00:32:34,570 --> 00:32:32,720

because they're predators and they use

741

00:32:36,160 --> 00:32:34,580

that straw to pierce other animals

742

00:32:38,650 --> 00:32:36,170

that's not the bug that like squirts

743

00:32:42,570 --> 00:32:38,660

water at is that what I've seen the bug

744

00:32:48,640 --> 00:32:46,690

that's great you know if you had a great

745

00:32:50,170 --> 00:32:48,650

time here today the one question that I

746

00:32:53,020 --> 00:32:50,180

thought really got the everyone fired up

747

00:32:55,330 --> 00:32:53,030

was the wombat mange question that there

748

00:32:57,730 --> 00:32:55,340

was a lady who asked us what to do about

749

00:32:59,190 --> 00:32:57,740

a wombat that is around her area that

750

00:33:01,080 --> 00:32:59,200

has mange and

751
00:33:02,700 --> 00:33:01,090
do you do that because I can you said

752
00:33:04,259 --> 00:33:02,710
whatever you do do not chase one back

753
00:33:05,460 --> 00:33:04,269
yeah that's right that's correct in fact

754
00:33:07,830 --> 00:33:05,470
I've got a really nice story for that

755
00:33:09,690 --> 00:33:07,840
the first one back that I ever saw I

756
00:33:12,060 --> 00:33:09,700
actually saw it on the track and I got

757
00:33:13,350 --> 00:33:12,070
so excited that I actually wanted to

758
00:33:15,240 --> 00:33:13,360
take a photo of it and then it moved up

759
00:33:18,090 --> 00:33:15,250
the track and all I could think of was

760
00:33:20,370 --> 00:33:18,100
to chase it and you know that wombats

761
00:33:23,730 --> 00:33:20,380
are incredibly fast or it left me in the

762
00:33:24,960 --> 00:33:23,740
dust absolutely I think in a straight

763
00:33:26,159 --> 00:33:24,970

line speed they can do like 30

764

00:33:27,870 --> 00:33:26,169

kilometres an hour or something like

765

00:33:29,070 --> 00:33:27,880

that like some crazy thing like that so

766

00:33:31,590 --> 00:33:29,080

it's that point trying to chase in the

767

00:33:33,690 --> 00:33:31,600

first place and then they have just like

768

00:33:35,340 --> 00:33:33,700

solid muscle right so do they have claws

769

00:33:37,529 --> 00:33:35,350

for the digging that you don't want to

770

00:33:39,720 --> 00:33:37,539

be connected with yeah absolutely so the

771

00:33:41,279 --> 00:33:39,730

claws you know they're clawing through

772

00:33:44,340 --> 00:33:41,289

making their burrows I'm really tough to

773

00:33:46,230 --> 00:33:44,350

it and so they're actually and one bats

774

00:33:47,789 --> 00:33:46,240

in general too just because it feel a

775

00:33:51,330 --> 00:33:47,799

muscle they also have like incredibly

776
00:33:53,279 --> 00:33:51,340
hard backsides as well so the defensive

777
00:33:54,750 --> 00:33:53,289
strategy is that they they if they

778
00:33:56,070 --> 00:33:54,760
attacked they actually stick their head

779
00:33:57,750 --> 00:33:56,080
into the Burrow and they just put their

780
00:33:59,730 --> 00:33:57,760
body out and say everything twice attack

781
00:34:01,529 --> 00:33:59,740
it just can't do anything so if they've

782
00:34:03,360 --> 00:34:01,539
got mange the advice was to go to the

783
00:34:05,549 --> 00:34:03,370
wombat specialist website and make a

784
00:34:07,350 --> 00:34:05,559
little device of some sort

785
00:34:09,480 --> 00:34:07,360
over there is a call to burrow what does

786
00:34:11,159 --> 00:34:09,490
it call tomorrow and so when it goes in

787
00:34:12,809 --> 00:34:11,169
and out it just gets a bit of drip of

788
00:34:14,159 --> 00:34:12,819

whatever it is onto it because its main

789

00:34:16,319 --> 00:34:14,169

just sort of a yeast infection for the

790

00:34:18,329 --> 00:34:16,329

skin you know that yeah that's right but

791

00:34:20,069 --> 00:34:18,339

it creates yeah you imagine if you've

792

00:34:21,210 --> 00:34:20,079

got an itch if you've had like

793

00:34:23,069 --> 00:34:21,220

chickenpox or something like that

794

00:34:25,050 --> 00:34:23,079

it drives you insane and it's the same

795

00:34:26,399 --> 00:34:25,060

with wombats and it's a horrible thing

796

00:34:28,710 --> 00:34:26,409

to see them in it can spread through

797

00:34:30,720 --> 00:34:28,720

their population as well so you know if

798

00:34:32,159 --> 00:34:30,730

you see it yeah you want to do something

799

00:34:33,990 --> 00:34:32,169

about it whether it's contacting their

800

00:34:35,609 --> 00:34:34,000

local authorities and local wildlife

801

00:34:38,010 --> 00:34:35,619

people to actually come down into it

802

00:34:39,030 --> 00:34:38,020

because they're amazing animals and you

803

00:34:40,619 --> 00:34:39,040

know this is the only country in the

804

00:34:42,240 --> 00:34:40,629

world you can see them where could we

805

00:34:43,740 --> 00:34:42,250

find you online and what you do online

806

00:34:45,690 --> 00:34:43,750

well I'm based at Macquarie University

807

00:34:47,879 --> 00:34:45,700

so you can look up my web site which i

808

00:34:50,430 --> 00:34:47,889

think is W very rock conflict ecology

809

00:34:52,589 --> 00:34:50,440

they'll come and you can find out about

810

00:34:54,119 --> 00:34:52,599

my research there but otherwise can

811

00:34:56,149 --> 00:34:54,129

search my name look and I know your love

812

00:34:57,650 --> 00:34:56,159

all animals but is there one animal

813

00:34:58,880 --> 00:34:57,660

like I'll knock it off enough already

814

00:35:00,770 --> 00:34:58,890

because I know you've got a favorite

815

00:35:01,940 --> 00:35:00,780

animal the pygmy hippo sorta but what's

816

00:35:04,760 --> 00:35:01,950

the one you go I'll look could we have a

817

00:35:06,170 --> 00:35:04,770

bit less publicity for that it's not

818

00:35:07,819 --> 00:35:06,180

very lot of publicity the only one that

819

00:35:10,849 --> 00:35:07,829

I probably would struggle a little bit

820

00:35:12,260 --> 00:35:10,859

with our tips and just boutiques is

821

00:35:13,819 --> 00:35:12,270

because I know that they can't they kind

822

00:35:15,740 --> 00:35:13,829

of burrow into it it's not much they're

823

00:35:17,930 --> 00:35:15,750

burrowing into it it's just that it's

824

00:35:20,630 --> 00:35:17,940

it's hard to imagine where they are

825

00:35:23,630 --> 00:35:20,640

sometimes in the bush but but I can

826

00:35:24,680 --> 00:35:23,640

still greatly appreciate how they

827

00:35:26,660 --> 00:35:24,690

managed to do what they do

828

00:35:28,579 --> 00:35:26,670

let's do that do they help break things

829

00:35:30,020 --> 00:35:28,589

down what is what sips is part of the

830

00:35:31,849 --> 00:35:30,030

egg what's the reason for being in the

831

00:35:33,319 --> 00:35:31,859

ecosystem because to me they're just an

832

00:35:36,289 --> 00:35:33,329

annoyed cattle and us and that's their

833

00:35:37,549 --> 00:35:36,299

job look I can go I can come up with

834

00:35:40,630 --> 00:35:37,559

something but I just say they're

835

00:35:43,190 --> 00:35:40,640

completely annoying that's their purpose

836

00:35:54,730 --> 00:35:43,200

thank you dr. Matthews has been a

837

00:35:59,359 --> 00:35:57,410

hi I'm Darrin McKee one of the hosts of

838

00:36:01,099 --> 00:35:59,369

the reality check each week my co-host

839

00:36:02,690 --> 00:36:01,109

and I explore a range of controversies

840

00:36:04,190 --> 00:36:02,700

and curiosities using science and

841

00:36:06,079 --> 00:36:04,200

critical thinking you can find us on

842

00:36:07,670 --> 00:36:06,089

iTunes your favorite podcasting platform

843

00:36:09,289 --> 00:36:07,680

and on Facebook by searching for the

844

00:36:11,750 --> 00:36:09,299

reality check or by following us on

845

00:36:13,430 --> 00:36:11,760

Twitter at TRC underscore podcast until

846

00:36:24,589 --> 00:36:13,440

then keep an open mind but not so open

847

00:36:35,000 --> 00:36:24,599

your brain falls out it's the raw

848

00:36:37,549 --> 00:36:35,010

skeptic report with heidi roberts byron

849

00:36:41,109 --> 00:36:37,559

bay has become the anti-vaxxers paradise

850

00:36:48,410 --> 00:36:41,119

by Jane Hansen in The Daily Telegraph

851
00:36:50,690 --> 00:36:48,420
dot-com au September 23 2018 last week

852
00:36:53,589 --> 00:36:50,700
my 13 year old son had his second

853
00:36:57,319 --> 00:36:53,599
Gardasil or HPV vaccine

854
00:36:59,120 --> 00:36:57,329
he had this shocking side effect he will

855
00:37:02,539 --> 00:36:59,130
now be protected from a series of

856
00:37:05,660 --> 00:37:02,549
cancers caused by the HPV virus and he

857
00:37:08,019 --> 00:37:05,670
will not pass the virus on to others the

858
00:37:10,460 --> 00:37:08,029
very same day the Byron Shire Council

859
00:37:12,920 --> 00:37:10,470
overwhelmingly voted to continue to

860
00:37:16,420 --> 00:37:12,930
allow council owned venues to be used by

861
00:37:18,890 --> 00:37:16,430
an Tyvek suits to spread misinformation

862
00:37:21,650 --> 00:37:18,900
we all know the Shia has the worst

863
00:37:24,620 --> 00:37:21,660

vaccination rates in the country the

864

00:37:27,920 --> 00:37:24,630

green rolling hills act like an echo

865

00:37:32,359 --> 00:37:27,930

chamber and conspiracy theories are as

866

00:37:34,579 --> 00:37:32,369

common as gluten intolerance 'as it is

867

00:37:37,460 --> 00:37:34,589

no secret as to why it has the lowest

868

00:37:39,250 --> 00:37:37,470

vaccination rates anti-vaxxers have made

869

00:37:42,819 --> 00:37:39,260

an industry out of it

870

00:37:45,620 --> 00:37:42,829

natural therapists organic food stores

871

00:37:49,700 --> 00:37:45,630

doulas Wellness Coaches mothers groups

872

00:37:52,190 --> 00:37:49,710

yoga tents Instagram influences and even

873

00:37:53,170 --> 00:37:52,200

sections of the local media feed off

874

00:37:55,750 --> 00:37:53,180

each other

875

00:37:59,420 --> 00:37:55,760

fermenting a bubbling broth of

876

00:38:02,410 --> 00:37:59,430

confirmation bias last year

877

00:38:05,390 --> 00:38:02,420

Jim organics owned by Adam Kingsley

878

00:38:07,549 --> 00:38:05,400

sponsored David avocado Wolfe to come to

879

00:38:10,699 --> 00:38:07,559

Byron to spread his flat

880

00:38:13,699 --> 00:38:10,709

twisdom mr. Kingsley told the Sunday

881

00:38:16,519 --> 00:38:13,709

Telegraph he hoped wolf would spread his

882

00:38:20,709 --> 00:38:16,529

anti-vaccine message because he too was

883

00:38:23,569 --> 00:38:20,719

proudly anti-vaccine the event sold out

884

00:38:26,509 --> 00:38:23,579

while shocked you mentor ease like VAX

885

00:38:28,759 --> 00:38:26,519

to get panned and canned by other

886

00:38:31,069 --> 00:38:28,769

publicly owned venues around Australia

887

00:38:33,289 --> 00:38:31,079

because they perpetuate myths that

888

00:38:36,199 --> 00:38:33,299

undermine a perfectly safe vaccination

889

00:38:38,989 --> 00:38:36,209

program byron in the words of greens

890

00:38:42,949 --> 00:38:38,999

Mayor Simon Richardson welcomes the

891

00:38:46,009 --> 00:38:42,959

difficult conversations councillor Paul

892

00:38:47,689 --> 00:38:46,019

Spooner logically argued to council that

893

00:38:50,239 --> 00:38:47,699

since the Australian vaccination

894

00:38:52,309 --> 00:38:50,249

skeptics Network the original anti

895

00:38:55,339 --> 00:38:52,319

vaccination network born in the Byron

896

00:38:57,079 --> 00:38:55,349

Shire in the 1990s had a public health

897

00:38:58,849 --> 00:38:57,089

warning put out by the healthcare

898

00:39:01,579 --> 00:38:58,859

Complaints Commission about its

899

00:39:03,979 --> 00:39:01,589

misinformation council should not be

900

00:39:07,009 --> 00:39:03,989

facilitating the AVN when it hires out

901
00:39:09,640 --> 00:39:07,019
council halls to air films like vac

902
00:39:12,140 --> 00:39:09,650
stand sacrificial virgins

903
00:39:14,539 --> 00:39:12,150
Spooner caught whooping cough from his

904
00:39:16,939 --> 00:39:14,549
own unvaccinated grandchild some years

905
00:39:20,509 --> 00:39:16,949
ago and was distressed by his and his

906
00:39:23,209 --> 00:39:20,519
grandson's experience quote it's just

907
00:39:25,789 --> 00:39:23,219
misinformation we have the H Triple C

908
00:39:27,559 --> 00:39:25,799
put out a warning about the AVN that's

909
00:39:32,059 --> 00:39:27,569
in play and the council turns its back

910
00:39:33,319 --> 00:39:32,069
on that end quote spoon assess local mum

911
00:39:35,929 --> 00:39:33,329
and member of the Northern Rivers

912
00:39:38,599 --> 00:39:35,939
vaccination supporters argued that

913
00:39:40,579 --> 00:39:38,609

counsel was quote facilitating the AVN

914

00:39:44,689 --> 00:39:40,589

by providing venues for their dangerous

915

00:39:46,660 --> 00:39:44,699

views and quoting the council voted five

916

00:39:49,819 --> 00:39:46,670

to three against the motion

917

00:39:52,449 --> 00:39:49,829

the Birkenstock wearing hemp swaddled

918

00:39:55,640 --> 00:39:52,459

dreadlocked cliches cheered as

919

00:39:58,969 --> 00:39:55,650

alternative facts won out over actual

920

00:40:00,979 --> 00:39:58,979

science in the gallery was Cecily

921

00:40:03,829 --> 00:40:00,989

Johnson whose seven-year-old daughter

922

00:40:07,579 --> 00:40:03,839

Lane died of subacute sclerosing pan

923

00:40:10,489 --> 00:40:07,589

encephalitis SS PA a rare but fatal

924

00:40:13,429 --> 00:40:10,499

complication of measles she doesn't wish

925

00:40:15,589 --> 00:40:13,439

that sort of horror on anyone else but

926
00:40:17,689 --> 00:40:15,599
feels it will happen again to a child

927
00:40:20,010 --> 00:40:17,699
whose parent made the decision not to

928
00:40:22,650 --> 00:40:20,020
vaccinate based on lies

929
00:40:24,390 --> 00:40:22,660
at a recent airing of sacrificial

930
00:40:27,720 --> 00:40:24,400
virgins at the Mullumbimby civic hall

931
00:40:30,350 --> 00:40:27,730
the AVN said it was quote once again

932
00:40:33,390 --> 00:40:30,360
providing access to cutting-edge

933
00:40:35,400 --> 00:40:33,400
vaccination information and answers from

934
00:40:38,010 --> 00:40:35,410
acknowledged experts on vaccination

935
00:40:40,950 --> 00:40:38,020
science and policy end quote

936
00:40:43,800 --> 00:40:40,960
just like faxed sacrificial virgins is

937
00:40:46,440 --> 00:40:43,810
all scary music peppered with fringe

938
00:40:48,270 --> 00:40:46,450

dwelling experts jettison from the

939

00:40:51,510 --> 00:40:48,280

mainstream usually for a very good

940

00:40:53,400 --> 00:40:51,520

reason they claim the HPV vaccine is

941

00:40:55,740 --> 00:40:53,410

destroying the lives of young girls by

942

00:40:59,040 --> 00:40:55,750

causing a neurological condition that

943

00:41:02,940 --> 00:40:59,050

leads to paralysis the main quote

944

00:41:05,790 --> 00:41:02,950

sacrificed virgin in the story is Ruby

945

00:41:09,300 --> 00:41:05,800

Shalem who became paralyzed two years

946

00:41:12,480 --> 00:41:09,310

that's right two years after she had her

947

00:41:14,670 --> 00:41:12,490

Gardasil vaccination clear-cut cause and

948

00:41:16,380 --> 00:41:14,680

effect right there in the minds of those

949

00:41:17,420 --> 00:41:16,390

looking to make a buck from scaring

950

00:41:20,220 --> 00:41:17,430

people

951
00:41:23,070 --> 00:41:20,230
but here is what sacrificial virgins

952
00:41:25,770 --> 00:41:23,080
leaves out neurological conditions

953
00:41:28,609 --> 00:41:25,780
happen to teenage girls they always have

954
00:41:31,380 --> 00:41:28,619
and long before Gardasil came along

955
00:41:33,570 --> 00:41:31,390
large population studies have shown

956
00:41:35,880 --> 00:41:33,580
small numbers succumb to this strange

957
00:41:38,099 --> 00:41:35,890
affliction in the unvaccinated cohort

958
00:41:41,220 --> 00:41:38,109
just as much as they do in the

959
00:41:44,040 --> 00:41:41,230
vaccinated that is a big hole in the

960
00:41:46,800 --> 00:41:44,050
story they even admit it in the opening

961
00:41:49,290 --> 00:41:46,810
scenes of the film quote nobody knows

962
00:41:51,510 --> 00:41:49,300
exactly why ruby has developed this

963
00:41:54,240 --> 00:41:51,520

serious neurological damage after a

964

00:41:56,700 --> 00:41:54,250

healthy and active life end quote

965

00:41:59,580 --> 00:41:56,710

before proceeding to blame the HPV

966

00:42:03,270 --> 00:41:59,590

vaccine it's not journalism it's

967

00:42:05,609 --> 00:42:03,280

propaganda and this is why the Byron

968

00:42:08,640 --> 00:42:05,619

Shire will remain the lowest vaccinated

969

00:42:10,890 --> 00:42:08,650

Shire in the land many of the people who

970

00:42:13,560 --> 00:42:10,900

run the place awry the anti vaccine

971

00:42:15,900 --> 00:42:13,570

selves or pandering to their conspiracy

972

00:42:18,390 --> 00:42:15,910

loving voters while turning a blind eye

973

00:42:20,160 --> 00:42:18,400

to the fact the far north coast at nine

974

00:42:21,780 --> 00:42:20,170

times the rate of whooping cough last

975

00:42:24,540 --> 00:42:21,790

year then the neighboring health

976

00:42:26,490 --> 00:42:24,550

district two babies have died from

977

00:42:28,800 --> 00:42:26,500

whooping cough in the region as a result

978

00:42:30,960 --> 00:42:28,810

of the lack of herd immunity barely a

979

00:42:33,109 --> 00:42:30,970

week goes by without school sending a

980

00:42:36,079 --> 00:42:33,119

letter that yet another

981

00:42:39,559 --> 00:42:36,089

has whooping cough while David avocado

982

00:42:42,049 --> 00:42:39,569

Wolfe was having a cacao party in Mullen

983

00:42:44,120 --> 00:42:42,059

bimby last year a seven-year-old

984

00:42:46,430 --> 00:42:44,130

deliberately unvaccinated kid from

985

00:42:49,670 --> 00:42:46,440

nimbin was fighting for her life after

986

00:42:51,440 --> 00:42:49,680

getting tetanus and a week later a baby

987

00:42:53,029 --> 00:42:51,450

suffered a brain hemorrhage after his

988

00:42:56,779 --> 00:42:53,039

mother turned down the vitamin K

989

00:43:00,079 --> 00:42:56,789

injection at birth but hey Byron likes

990

00:43:02,739 --> 00:43:00,089

to have difficult discussions so how

991

00:43:05,779 --> 00:43:02,749

about discussing how misinformation and

992

00:43:20,749 --> 00:43:05,789

tacitly endorsing the spread of it is

993

00:43:22,759 --> 00:43:20,759

killing kids hello listeners a maximum

994

00:43:24,410 --> 00:43:22,769

fun I want to tell you about our newest

995

00:43:26,509 --> 00:43:24,420

podcast that tells you all about the

996

00:43:28,099 --> 00:43:26,519

truth of the Flat Earth have you been

997

00:43:29,839 --> 00:43:28,109

looking out over the horizon and you've

998

00:43:32,210 --> 00:43:29,849

been thinking wait a minute this doesn't

999

00:43:34,910 --> 00:43:32,220

look round I've been lied to my whole

1000

00:43:39,710 --> 00:43:34,920

life what is NASA doing with fifty two

1001
00:43:43,190 --> 00:43:39,720
million dollars a day come on we explode

1002
00:43:44,900 --> 00:43:43,200
the myths just kidding we're oh no Ross

1003
00:43:47,390 --> 00:43:44,910
and Carrie and we investigate

1004
00:43:48,920 --> 00:43:47,400
extraordinary claims that's right we

1005
00:43:51,380 --> 00:43:48,930
investigate extraordinary claims

1006
00:43:53,269 --> 00:43:51,390
firsthand we go undercover in fringe

1007
00:43:55,370 --> 00:43:53,279
groups we get alternative medicine

1008
00:43:57,470 --> 00:43:55,380
treatments and we hang out with people

1009
00:43:59,630 --> 00:43:57,480
who have unusual beliefs like flat

1010
00:44:01,940 --> 00:43:59,640
earthers 9/11 truthers we do ghost

1011
00:44:03,739 --> 00:44:01,950
investigations we've joined Scientology

1012
00:44:06,620 --> 00:44:03,749
and we got baptized in the Mormon Church

1013
00:44:10,039 --> 00:44:06,630

if it goes bump in the night then so do

1014

00:44:14,670 --> 00:44:10,049

we hmm why don't you check out oh no

1015

00:44:14,680 --> 00:44:23,310

[Music]

1016

00:44:28,900 --> 00:44:25,780

thank you for listening to the skeptic

1017

00:44:31,030 --> 00:44:28,910

zone coming up next week more of me not

1018

00:44:33,550 --> 00:44:31,040

talking to the animal experts in fact

1019

00:44:37,180 --> 00:44:33,560

that the his segment will be devoted to

1020

00:44:40,050 --> 00:44:37,190

his discussion about cats cat behavior

1021

00:44:42,760 --> 00:44:40,060

really interesting if you're a cat owner

1022

00:44:45,880 --> 00:44:42,770

you really want to hear this interview

1023

00:44:46,960 --> 00:44:45,890

about cat behavior and what you should

1024

00:44:48,790 --> 00:44:46,970

and shouldn't do

1025

00:44:52,030 --> 00:44:48,800

I certainly learned a lot with my two

1026
00:44:55,240 --> 00:44:52,040
cats where are they waiting outside the

1027
00:44:58,060 --> 00:44:55,250
door talking about cat behavior Mord

1028
00:45:01,840 --> 00:44:58,070
the smaller of the two Henrietta and

1029
00:45:05,260 --> 00:45:01,850
Maud wards are smaller as a wonderfully

1030
00:45:09,270 --> 00:45:05,270
fun habit normally fun of chasing her

1031
00:45:11,470 --> 00:45:09,280
toy mouse and then bringing it back and

1032
00:45:13,900 --> 00:45:11,480
clogging it at your feet waiting

1033
00:45:16,060 --> 00:45:13,910
meowing until you throw it down the

1034
00:45:19,150 --> 00:45:16,070
stairs she comes back

1035
00:45:21,580 --> 00:45:19,160
plunk sit at your feet meows and on and

1036
00:45:24,460 --> 00:45:21,590
on and on while Henrietta has the habit

1037
00:45:28,030 --> 00:45:24,470
of putting your paws up on the desk and

1038
00:45:30,850 --> 00:45:28,040

nudging you know me while I'm trying to

1039

00:45:33,820 --> 00:45:30,860

use the mouse so sometimes I end up

1040

00:45:37,120 --> 00:45:33,830

clicking on things I never meant to not

1041

00:45:39,220 --> 00:45:37,130

long now before the skeptic on here in

1042

00:45:40,900 --> 00:45:39,230

Sidney's and to those people who live

1043

00:45:42,790 --> 00:45:40,910

around the world we can't make it we'll

1044

00:45:45,520 --> 00:45:42,800

be doing our best certainly may not will

1045

00:45:48,040 --> 00:45:45,530

to be recording reports and interviews

1046

00:45:50,320 --> 00:45:48,050

to play in the weeks following the

1047

00:45:54,340 --> 00:45:50,330

convention I noticed that the Australian

1048

00:45:56,470 --> 00:45:54,350

dollar is even lower going down against

1049

00:45:58,870 --> 00:45:56,480

the greenback and other major currencies

1050

00:46:01,060 --> 00:45:58,880

which may be a good excuse for you to

1051

00:46:04,200 --> 00:46:01,070

pitch in chip into the skeptic zone via

1052

00:46:07,450 --> 00:46:04,210

patreon or PayPal at skeptic zone TV

1053

00:46:09,550 --> 00:46:07,460

because your dollar goes further or your

1054

00:46:09,990 --> 00:46:09,560

pound or your yen or whatever the case

1055

00:46:12,460 --> 00:46:10,000

may be

1056

00:46:14,890 --> 00:46:12,470

Crona I wonder if there's a song about

1057

00:46:16,450 --> 00:46:14,900

all the world's currencies and I think

1058

00:46:18,310 --> 00:46:16,460

there's another afterthought somewhere

1059

00:46:21,190 --> 00:46:18,320

along the way but anyway for now this is

1060

00:46:25,400 --> 00:46:21,200

Richard Saunders signing off from Sydney

1061

00:46:31,609 --> 00:46:27,900

you've been listening to the skeptic

1062

00:46:36,600 --> 00:46:31,619

zone podcast please visit our website at

1063

00:46:38,580 --> 00:46:36,610

WWDC be for show notes contacts and to

1064

00:46:42,660 --> 00:46:38,590

access the back catalogue of episodes

1065

00:46:44,600 --> 00:46:42,670

going back to 2008 you can follow the

1066

00:46:48,090 --> 00:46:44,610

skeptic zone podcast on twitter at

1067

00:46:51,480 --> 00:46:48,100

skeptic zone visit our facebook page or

1068

00:46:54,390 --> 00:46:51,490

leave a review on iTunes you can also

1069

00:46:57,420 --> 00:46:54,400

support the skeptic zone via patreon or

1070

00:47:00,090 --> 00:46:57,430

PayPal the skeptic zone podcast is an

1071

00:47:01,920 --> 00:47:00,100

independent production reviews and

1072

00:47:04,140 --> 00:47:01,930

opinions expressed on the skeptic zone

1073

00:47:06,690 --> 00:47:04,150

are not necessarily those of Australian

1074

00:47:07,570 --> 00:47:06,700

skeptics or any other skeptical

1075

00:47:19,050 --> 00:47:07,580

organization

1076
00:47:23,590 --> 00:47:21,460
hello people who listen after the music

1077
00:47:26,530 --> 00:47:23,600
I met the cafe Madame frou frou with

1078
00:47:32,920 --> 00:47:26,540
Cunha hello hi you're gonna help me play

1079
00:47:34,810 --> 00:47:32,930
the dice game since I didn't die there

1080
00:47:36,010 --> 00:47:34,820
I'm gonna roll it three times and we

1081
00:47:37,540 --> 00:47:36,020
have to guess what the numbers gonna

1082
00:47:38,980 --> 00:47:37,550
come up well you can roll it for

1083
00:47:41,110 --> 00:47:38,990
everybody actually they Rock

1084
00:47:43,020 --> 00:47:41,120
so you just shaking your hands everybody

1085
00:47:45,850 --> 00:47:43,030
at home and your car or walking the dog

1086
00:47:53,020 --> 00:47:45,860
it's a number from one to ten and roll

1087
00:47:55,420 --> 00:47:53,030
the dice and the number is number nine

1088
00:47:57,580 --> 00:47:55,430

number nine that's the first number so

1089

00:48:03,850 --> 00:47:57,590

everybody use your powers and here we go

1090

00:48:13,630 --> 00:48:03,860

next number is lucky number five number