

**SKEPTIC  
ZONE**



**THINKING CAPS  
MUST BE WORN  
IN THIS AREA**

The  
Podcast  
from  
Australia  
for  
Science  
and  
Reason

[www.skepticzone.tv](http://www.skepticzone.tv)

1  
00:00:20,340 --> 00:00:09,500  
welcome to the skeptic zone the podcast

2  
00:00:29,190 --> 00:00:23,190  
hello and welcome to the skeptic zone

3  
00:00:31,050 --> 00:00:29,200  
episode 84 form a 28 2010 this is dr.

4  
00:00:33,420 --> 00:00:31,060  
Richie with you today filling in for

5  
00:00:36,060 --> 00:00:33,430  
Richard Saunders who's pretty under the

6  
00:00:37,979 --> 00:00:36,070  
weather this week Richard's had a cold

7  
00:00:41,130 --> 00:00:37,989  
for a few days which has now turned into

8  
00:00:43,410 --> 00:00:41,140  
some kind of laryngitis so he's sounding

9  
00:00:45,960 --> 00:00:43,420  
like a very croaky person right now and

10  
00:00:49,320 --> 00:00:45,970  
then yesterday he thinks he may have

11  
00:00:51,439 --> 00:00:49,330  
broken his toe so as we speak Richard is

12  
00:00:55,380 --> 00:00:51,449  
at the doctor's waiting for the verdict

13  
00:00:58,799 --> 00:00:55,390

so we hope he gets better soon but on to

14

00:01:01,049 --> 00:00:58,809

this week's show this week our reporter

15

00:01:04,020 --> 00:01:01,059

Carly Sturgis has an interview with

16

00:01:06,210 --> 00:01:04,030

Warren bonnet who runs a skeptical and

17

00:01:09,120 --> 00:01:06,220

scientific book shop called embiggen

18

00:01:11,280 --> 00:01:09,130

books Warren also hosts lectures and

19

00:01:13,830 --> 00:01:11,290

talks and recently hosted the Nobel

20

00:01:16,080 --> 00:01:13,840

prize-winning immunologist professor

21

00:01:18,960 --> 00:01:16,090

peter doherty so we look forward to that

22

00:01:21,420 --> 00:01:18,970

interview this is followed by dr. Richie

23

00:01:23,370 --> 00:01:21,430

reports where I summarized the events

24

00:01:25,920 --> 00:01:23,380

leading up to Andrew Wakefield getting

25

00:01:29,370 --> 00:01:25,930

struck off the medical register in the

26

00:01:31,709 --> 00:01:29,380

UK last Tuesday so sit back listeners

27

00:01:48,490 --> 00:01:31,719

send your healing energies to Richard

28

00:01:54,380 --> 00:01:51,740

I'm Carly Sturgis and I'm talking to

29

00:01:56,870 --> 00:01:54,390

Warren Burnett Warren bonad is the

30

00:01:59,210 --> 00:01:56,880

creator of the in biggin bookstore a

31

00:02:01,760 --> 00:01:59,220

store located in noosaville in

32

00:02:04,010 --> 00:02:01,770

Queensland in the northeast of Australia

33

00:02:06,380 --> 00:02:04,020

what makes in biggin bookstore different

34

00:02:08,720 --> 00:02:06,390

is that it is devoted to selling and

35

00:02:10,940 --> 00:02:08,730

promoting rationalism and science

36

00:02:13,220 --> 00:02:10,950

through its store Warren is a regular

37

00:02:15,410 --> 00:02:13,230

feature on the token skeptic podcast as

38

00:02:17,570 --> 00:02:15,420

a book reviewer and as an active skeptic

39

00:02:19,880 --> 00:02:17,580

you can see many of the lectures that he

40

00:02:24,350 --> 00:02:19,890

holds in his store promoted on his

41

00:02:27,050 --> 00:02:24,360

website thank you very much for joining

42

00:02:29,870 --> 00:02:27,060

me Warren first of all what did you do

43

00:02:34,340 --> 00:02:29,880

before you owned a bookstore wow that's

44

00:02:38,360 --> 00:02:34,350

an immense variety of stuff right I'm a

45

00:02:39,380 --> 00:02:38,370

I'm a graphic designer that's something

46

00:02:42,050 --> 00:02:39,390

I've been doing for quite a long time

47

00:02:45,590 --> 00:02:42,060

but over the course of my years since

48

00:02:49,040 --> 00:02:45,600

leaving University of done everything

49

00:02:51,650 --> 00:02:49,050

from a whole variety of salesman book

50

00:02:54,800 --> 00:02:51,660

designer cook waiter barman teacher

51  
00:02:56,300 --> 00:02:54,810  
legal clerk veterinary assistant and I

52  
00:03:00,590 --> 00:02:56,310  
spent a year and a half riding my push

53  
00:03:03,080 --> 00:03:00,600  
bike around Australia wonderful and so

54  
00:03:05,270 --> 00:03:03,090  
what led to the creation of the in vegan

55  
00:03:08,030 --> 00:03:05,280  
bookstore I mean that is after all a

56  
00:03:11,210 --> 00:03:08,040  
reference to a Simpsons joke isn't it it

57  
00:03:13,540 --> 00:03:11,220  
is yes if the joke being that a noble

58  
00:03:16,100 --> 00:03:13,550  
spiriting begins even the smallest man

59  
00:03:19,970 --> 00:03:16,110  
was a show which was exploring the

60  
00:03:22,720 --> 00:03:19,980  
nature of of language and how urban

61  
00:03:26,180 --> 00:03:22,730  
myths develop and and Lisa Simpson

62  
00:03:29,210 --> 00:03:26,190  
wanting to get to the truth and that

63  
00:03:31,070 --> 00:03:29,220

episode wasn't really what made the word

64

00:03:33,170 --> 00:03:31,080

come to mind for us it was actually the

65

00:03:36,380 --> 00:03:33,180

word in vegan turning up in a string

66

00:03:39,410 --> 00:03:36,390

theory paper a noble spirit in where it

67

00:03:42,800 --> 00:03:39,420

where he says the d-brane in Biggins

68

00:03:45,170 --> 00:03:42,810

into an e brain and the reviewer of that

69

00:03:47,890 --> 00:03:45,180

the peer reviewer wrote that he thought

70

00:03:50,420 --> 00:03:47,900

it was a perfectly cromulent idea which

71

00:03:52,830 --> 00:03:50,430

another Simpsons word so that was that

72

00:03:54,420 --> 00:03:52,840

was pretty good but um

73

00:03:57,839 --> 00:03:54,430

thing that led to the creation of the

74

00:04:02,699 --> 00:03:57,849

store was it's really been a very very

75

00:04:06,000 --> 00:04:02,709

long time coming at university I I

76  
00:04:08,070 --> 00:04:06,010  
started and very long time ago a whole

77  
00:04:12,690 --> 00:04:08,080  
variety different philosophers and

78  
00:04:16,050 --> 00:04:12,700  
ethicists and and it started to dawn on

79  
00:04:20,430 --> 00:04:16,060  
me that I would like to do something

80  
00:04:22,530 --> 00:04:20,440  
that was positive in contribution to a

81  
00:04:24,689 --> 00:04:22,540  
variety of problems that the world seems

82  
00:04:27,000 --> 00:04:24,699  
to have or humanity seems to at least

83  
00:04:29,280 --> 00:04:27,010  
engage with them I wasn't really sure

84  
00:04:30,810 --> 00:04:29,290  
how to go about doing that and that

85  
00:04:32,250 --> 00:04:30,820  
actually led to me having a whole

86  
00:04:34,050 --> 00:04:32,260  
variety of jobs believe it or not

87  
00:04:36,960 --> 00:04:34,060  
because i was i was quite interested in

88  
00:04:38,490 --> 00:04:36,970

in not just being an academic in trying

89

00:04:41,940 --> 00:04:38,500

to get out there and see what people

90

00:04:44,310 --> 00:04:41,950

thought and and and what how they felt

91

00:04:46,560 --> 00:04:44,320

about stuff and so in after leaving my

92

00:04:49,520 --> 00:04:46,570

environmental ethics course i found

93

00:04:52,050 --> 00:04:49,530

people in my first job which was a

94

00:04:57,150 --> 00:04:52,060

working in corporate affairs in victoria

95

00:04:58,440 --> 00:04:57,160

which is a government body i I met

96

00:05:01,290 --> 00:04:58,450

people that have never heard of the

97

00:05:03,330 --> 00:05:01,300

ozone layer Wow and this was at the time

98

00:05:04,710 --> 00:05:03,340

when the hole in the ozone layer had

99

00:05:07,560 --> 00:05:04,720

effectively just been announced it was

100

00:05:09,210 --> 00:05:07,570

all over the news and met people that

101  
00:05:10,740 --> 00:05:09,220  
had never heard of the ozone layer and

102  
00:05:12,770 --> 00:05:10,750  
that's when I knew that the problem was

103  
00:05:15,690 --> 00:05:12,780  
going to be a lot bigger than I thought

104  
00:05:17,310 --> 00:05:15,700  
ticket it wasn't just dealing with

105  
00:05:21,860 --> 00:05:17,320  
specific problems it was dealing with

106  
00:05:24,120 --> 00:05:21,870  
any huge amount of not just ignorance

107  
00:05:28,260 --> 00:05:24,130  
ignorance is really the wrong word

108  
00:05:32,490 --> 00:05:28,270  
it's just a lack of engagement in things

109  
00:05:34,500 --> 00:05:32,500  
to do with democracy for instance you

110  
00:05:36,240 --> 00:05:34,510  
know people are voting on issues

111  
00:05:38,940 --> 00:05:36,250  
frequently that they're completely

112  
00:05:41,730 --> 00:05:38,950  
uneducated on which to me undermines

113  
00:05:45,270 --> 00:05:41,740

democracy democracy requires an educated

114

00:05:48,050 --> 00:05:45,280

populace in my opinion and if you don't

115

00:05:50,670 --> 00:05:48,060

have it then the votes are somewhat

116

00:05:53,310 --> 00:05:50,680

compromised and so we're having people

117

00:05:55,620 --> 00:05:53,320

who were in voting physicians who were

118

00:05:57,060 --> 00:05:55,630

voting not for governments that were

119

00:05:58,770 --> 00:05:57,070

going to have policies on dealing with

120

00:06:00,990 --> 00:05:58,780

the ozone layer and yet the people

121

00:06:06,459 --> 00:06:01,000

didn't know what the ozone layer even

122

00:06:10,969 --> 00:06:06,469

wats see so many many years later

123

00:06:13,249 --> 00:06:10,979

lots of different and ways of trying to

124

00:06:15,679 --> 00:06:13,259

look at the problem I really thought

125

00:06:18,080 --> 00:06:15,689

that a bookstore that didn't require

126  
00:06:20,649 --> 00:06:18,090  
people to join an organization to become

127  
00:06:24,649 --> 00:06:20,659  
an ism or a nest or anything like that

128  
00:06:26,179 --> 00:06:24,659  
if a bookstore stopped offering all of

129  
00:06:29,779 --> 00:06:26,189  
the irrational stuff and then he's

130  
00:06:31,490 --> 00:06:29,789  
offered mostly rational material then

131  
00:06:33,679 --> 00:06:31,500  
anyone could engage with the material

132  
00:06:37,010 --> 00:06:33,689  
without doing anything I could simply

133  
00:06:38,869 --> 00:06:37,020  
walk into a bookstore and they would

134  
00:06:41,179 --> 00:06:38,879  
find like in our shot you walk in the

135  
00:06:43,850 --> 00:06:41,189  
door and you're faced with 3,000 science

136  
00:06:46,689 --> 00:06:43,860  
books as soon as you walk in the door

137  
00:06:50,510 --> 00:06:46,699  
and that's that's really been the goal

138  
00:06:52,730 --> 00:06:50,520

is to make something that and hopefully

139

00:06:55,369 --> 00:06:52,740

will work as a business model we haven't

140

00:06:57,950 --> 00:06:55,379

really proved that yet but it's slowly

141

00:06:59,209 --> 00:06:57,960

getting there but if it does work it

142

00:07:02,390 --> 00:06:59,219

means we could set up these little

143

00:07:06,619 --> 00:07:02,400

rational bastions around the cities and

144

00:07:08,570 --> 00:07:06,629

then conduct science talks and

145

00:07:12,219 --> 00:07:08,580

philosophy talks in them as a matter of

146

00:07:14,899 --> 00:07:12,229

course which is what we do now why in

147

00:07:16,990 --> 00:07:14,909

Queensland rather than Victoria you said

148

00:07:19,430 --> 00:07:17,000

that you first learned about people's

149

00:07:21,649 --> 00:07:19,440

lack of knowledge about the ozone layer

150

00:07:27,290 --> 00:07:21,659

when you're Victoria why choose

151  
00:07:31,219 --> 00:07:27,300  
Queensland uh well mm I Queensland was

152  
00:07:34,850 --> 00:07:31,229  
kind of chosen for me really I was

153  
00:07:40,459 --> 00:07:34,860  
living in the UK in London for 20 years

154  
00:07:42,100 --> 00:07:40,469  
and I worked mostly as a designer there

155  
00:07:46,790 --> 00:07:42,110  
but a whole variety of other things and

156  
00:07:49,040 --> 00:07:46,800  
my best friend in Australia and Kirsty

157  
00:07:52,879 --> 00:07:49,050  
Bruce was working in the film industry

158  
00:07:56,510 --> 00:07:52,889  
and she bought a house in Queensland on

159  
00:07:59,450 --> 00:07:56,520  
the sunshine coast and when I came back

160  
00:08:07,610 --> 00:07:59,460  
and I went to visit Kirsty it's my best

161  
00:08:10,519 --> 00:08:07,620  
friend and and then we kissed ah a new

162  
00:08:12,709 --> 00:08:10,529  
birth date so then we were both still

163  
00:08:15,860 --> 00:08:12,719

freelancing at the time and we wanted to

164

00:08:17,570 --> 00:08:15,870

try and find a way to make things work

165

00:08:19,430 --> 00:08:17,580

here and that's when the bookshop really

166

00:08:22,460 --> 00:08:19,440

came to the fore until oh well it's

167

00:08:26,300 --> 00:08:22,470

undo it here and and that's all done

168

00:08:28,760 --> 00:08:26,310

literally sunk everything we can in to

169

00:08:32,270 --> 00:08:28,770

making it work just try and make as

170

00:08:34,520 --> 00:08:32,280

bigger impact as we can I've recently

171

00:08:36,890 --> 00:08:34,530

read on facebook Warren a situation

172

00:08:39,140 --> 00:08:36,900

where an uncle was criticized for giving

173

00:08:41,450 --> 00:08:39,150

Daniel Loxton evolution book to his

174

00:08:44,000 --> 00:08:41,460

nieces do you have any advice on how to

175

00:08:46,340 --> 00:08:44,010

handle situations like that where people

176

00:08:48,890 --> 00:08:46,350

might like to encourage reading on

177

00:08:52,430 --> 00:08:48,900

rationalism and science but they know

178

00:08:54,710 --> 00:08:52,440

that there's going to be opposition yeah

179

00:08:57,760 --> 00:08:54,720

it's something I do come across from

180

00:09:00,500 --> 00:08:57,770

time to time and there's no one blanket

181

00:09:03,530 --> 00:09:00,510

book to be able to hand out to everyone

182

00:09:06,500 --> 00:09:03,540

in every situation because everyone has

183

00:09:10,250 --> 00:09:06,510

their own sort of tentativeness but i

184

00:09:12,950 --> 00:09:10,260

tend to suggest start with things that

185

00:09:14,840 --> 00:09:12,960

are off-topic don't don't don't stay

186

00:09:16,760 --> 00:09:14,850

general stay with things that are to do

187

00:09:19,130 --> 00:09:16,770

with critical thinking start of the

188

00:09:23,960 --> 00:09:19,140

basis you don't start with subjects like

189

00:09:27,770 --> 00:09:23,970

say evolution because that can open up a

190

00:09:29,180 --> 00:09:27,780

lot of other things at the same time and

191

00:09:32,990 --> 00:09:29,190

that will prevent any critical

192

00:09:36,260 --> 00:09:33,000

engagement with the subject at all so I

193

00:09:38,240 --> 00:09:36,270

tend to start with just thought I'd

194

00:09:41,660 --> 00:09:38,250

start with thinking so things like Phil

195

00:09:43,460 --> 00:09:41,670

cams books or if they're for kids or if

196

00:09:47,630 --> 00:09:43,470

they're not for kids things like crimes

197

00:09:49,550 --> 00:09:47,640

against logic by Jamie white or demon

198

00:09:53,330 --> 00:09:49,560

haunted world the absolute classic I

199

00:09:57,260 --> 00:09:53,340

mean they're not specifically attacking

200

00:09:59,690 --> 00:09:57,270

any any particular issue other than the

201  
00:10:01,700 --> 00:09:59,700  
way people think about things and so I

202  
00:10:06,170 --> 00:10:01,710  
think that's that's the best place to

203  
00:10:11,000 --> 00:10:06,180  
start on any of those sorts of things if

204  
00:10:15,050 --> 00:10:11,010  
if the adult is that they're giving them

205  
00:10:18,500 --> 00:10:15,060  
to or if they've come in themselves and

206  
00:10:20,840 --> 00:10:18,510  
have made a few inquiries about things

207  
00:10:23,329 --> 00:10:20,850  
that you think they might be open to

208  
00:10:25,910 --> 00:10:23,339  
something a little bit more then you

209  
00:10:27,710 --> 00:10:25,920  
could go more direct for instance I had

210  
00:10:31,160 --> 00:10:27,720  
some women come into the shop at one

211  
00:10:33,570 --> 00:10:31,170  
point two and we were having a Charles

212  
00:10:35,130 --> 00:10:33,580  
Darwin day and they said oh what

213  
00:10:37,760 --> 00:10:35,140

are you doing that for wasn't he like

214

00:10:41,690 --> 00:10:37,770

one of the most evil men in history Wow

215

00:10:45,630 --> 00:10:41,700

and these were University educated

216

00:10:48,210 --> 00:10:45,640

40-something women not religious

217

00:10:51,020 --> 00:10:48,220

particularly one of them was married to

218

00:10:54,300 --> 00:10:51,030

a religious person but no real

219

00:10:57,330 --> 00:10:54,310

religiosity there they just simply had

220

00:11:00,890 --> 00:10:57,340

this misconception so I simply handed

221

00:11:03,600 --> 00:11:00,900

the mayor biography of Charles Darwin

222

00:11:06,270 --> 00:11:03,610

which they both devoured within 24 hours

223

00:11:09,090 --> 00:11:06,280

and now they run the like run a local

224

00:11:13,950 --> 00:11:09,100

sort of non-fiction book club meetup

225

00:11:15,990 --> 00:11:13,960

between women and they're also now

226

00:11:19,080 --> 00:11:16,000

recently bought Christopher Hitchens

227

00:11:20,670 --> 00:11:19,090

book god is not great and a variety of

228

00:11:22,680 --> 00:11:20,680

others and they're they're amazing they

229

00:11:26,100 --> 00:11:22,690

just come in and and they devour things

230

00:11:27,510 --> 00:11:26,110

now it's wonderful oh that raises my

231

00:11:30,090 --> 00:11:27,520

next question do you have a cafe

232

00:11:34,500 --> 00:11:30,100

attached to your bookstore there's one

233

00:11:39,980 --> 00:11:34,510

next door to us called organika orgánica

234

00:11:43,560 --> 00:11:39,990

is staffed by really lovely people and

235

00:11:47,000 --> 00:11:43,570

that they do deal with a few problematic

236

00:11:52,590 --> 00:11:47,010

items i also just say things like

237

00:11:57,750 --> 00:11:52,600

homeopathic remedies and um ear candling

238

00:12:02,300 --> 00:11:57,760

stuff you know all that gum and it

239

00:12:06,510 --> 00:12:02,310

causes us a fairly high degree of

240

00:12:08,730 --> 00:12:06,520

heartache because they're just not

241

00:12:11,550 --> 00:12:08,740

engaged in the material they don't want

242

00:12:13,140 --> 00:12:11,560

to be engaged in the material really and

243

00:12:15,480 --> 00:12:13,150

they're they're running a business

244

00:12:19,350 --> 00:12:15,490

they're giving people what they want in

245

00:12:23,640 --> 00:12:19,360

that arena so people who are into

246

00:12:26,880 --> 00:12:23,650

organic food also tend to head towards

247

00:12:30,570 --> 00:12:26,890

things like that apparently so in fact

248

00:12:32,910 --> 00:12:30,580

we frequently get people who stop there

249

00:12:35,040 --> 00:12:32,920

to eat and drink come next door

250

00:12:39,510 --> 00:12:35,050

expecting to find a spiritual new age

251  
00:12:41,190 --> 00:12:39,520  
bookshop and and and one person in

252  
00:12:42,740 --> 00:12:41,200  
particular actually got angry that we

253  
00:12:45,440 --> 00:12:42,750  
weren't

254  
00:12:47,000 --> 00:12:45,450  
and you know it's a bit misleading being

255  
00:12:50,420 --> 00:12:47,010  
next to organika like that don't you

256  
00:12:52,670 --> 00:12:50,430  
think yeah and though as they walked out

257  
00:12:57,830 --> 00:12:52,680  
the woman turned to the man and said oh

258  
00:13:01,310 --> 00:12:57,840  
it's one of those bookshops also have no

259  
00:13:04,670 --> 00:13:01,320  
idea what that means but clearly she did

260  
00:13:06,920 --> 00:13:04,680  
spoke and every they walk past about

261  
00:13:11,120 --> 00:13:06,930  
once or twice a week to go the coffee

262  
00:13:12,890 --> 00:13:11,130  
and and every time I catch them walking

263  
00:13:16,160 --> 00:13:12,900

past the window they can't see any but i

264

00:13:18,140 --> 00:13:16,170

can see ya they sort of peering into the

265

00:13:20,780 --> 00:13:18,150

shop with a bit of a smile on their face

266

00:13:22,640 --> 00:13:20,790

so it's quite amusing night well you

267

00:13:24,950 --> 00:13:22,650

never know maybe one day they'll come

268

00:13:26,930 --> 00:13:24,960

back in again to give a piece of their

269

00:13:28,670 --> 00:13:26,940

mind as they go off to have another

270

00:13:30,530 --> 00:13:28,680

piece of cake and perhaps you might be

271

00:13:32,330 --> 00:13:30,540

able to get some dialogue happening yeah

272

00:13:34,250 --> 00:13:32,340

well I have done with a few but there

273

00:13:36,830 --> 00:13:34,260

there are some people who do seem to be

274

00:13:40,790 --> 00:13:36,840

a little bit beyond it there's a lot of

275

00:13:42,200 --> 00:13:40,800

anti-vaxxers that go there and they come

276

00:13:46,460 --> 00:13:42,210

in here and have a bit of an argument

277

00:13:48,470 --> 00:13:46,470

from time to time and yeah um expect you

278

00:13:50,900 --> 00:13:48,480

know look at our medical section on the

279

00:13:53,450 --> 00:13:50,910

shelf and see people like Paul off it

280

00:13:55,190 --> 00:13:53,460

and Simon Singh and say what about the

281

00:13:57,890 --> 00:13:55,200

other side of the argument and I said

282

00:14:00,290 --> 00:13:57,900

well that's really politics it's not

283

00:14:01,970 --> 00:14:00,300

science this is a science book shop just

284

00:14:03,950 --> 00:14:01,980

try and contain it that way you know

285

00:14:06,560 --> 00:14:03,960

just say look there there's no science

286

00:14:10,130 --> 00:14:06,570

that's really coming out against this in

287

00:14:12,110 --> 00:14:10,140

the way that you think it is so I need

288

00:14:14,150 --> 00:14:12,120

to stock science books that's that's

289

00:14:16,130 --> 00:14:14,160

what that section is so that brings me

290

00:14:17,630 --> 00:14:16,140

to my next question which is what's it

291

00:14:19,700 --> 00:14:17,640

like in the region where your book

292

00:14:23,000 --> 00:14:19,710

stories you've already started to give a

293

00:14:24,950 --> 00:14:23,010

hint with clues about the AC vaccination

294

00:14:27,860 --> 00:14:24,960

crowd in the region of Queensland where

295

00:14:30,350 --> 00:14:27,870

you are yeah it's um it's a it really is

296

00:14:32,180 --> 00:14:30,360

a bit of a mixture there's a small

297

00:14:36,829 --> 00:14:32,190

community of people who are very

298

00:14:42,020 --> 00:14:36,839

actively engaged in intellectual life

299

00:14:46,820 --> 00:14:42,030

and and there's a crossover between them

300

00:14:49,130 --> 00:14:46,830

and the more spiritual new-agey kind

301  
00:14:53,329 --> 00:14:49,140  
that meet in the middle where the

302  
00:14:55,220 --> 00:14:53,339  
environmentalists inhabit now I would be

303  
00:14:56,630 --> 00:14:55,230  
classified as an environmentalist I was

304  
00:14:58,610 --> 00:14:56,640  
trained in environmental ethics

305  
00:15:01,400 --> 00:14:58,620  
an outdoor education initially so I've

306  
00:15:05,570 --> 00:15:01,410  
got a background in that and a lot of

307  
00:15:11,750 --> 00:15:05,580  
that area is actually caught up in quite

308  
00:15:14,210 --> 00:15:11,760  
a lot of misinformation about the world

309  
00:15:15,950 --> 00:15:14,220  
and then nature of nature is good nature

310  
00:15:19,100 --> 00:15:15,960  
is wonderful nature will provide nature

311  
00:15:21,170 --> 00:15:19,110  
is the best thing that ever happened and

312  
00:15:24,620 --> 00:15:21,180  
they don't and therefore natural

313  
00:15:26,870 --> 00:15:24,630

products are good and so you get a lot

314

00:15:30,170 --> 00:15:26,880

of anti sciences with anti science

315

00:15:32,410 --> 00:15:30,180

people in the environment movement so

316

00:15:34,310 --> 00:15:32,420

the intellectuals on one side

317

00:15:35,990 --> 00:15:34,320

environmentalists in the middle complete

318

00:15:38,480 --> 00:15:36,000

lures on the other and being in the

319

00:15:42,410 --> 00:15:38,490

middle of the environmentalists now on

320

00:15:46,930 --> 00:15:42,420

the war side we have practitioners of

321

00:15:50,300 --> 00:15:46,940

Gerson Therapy here and which is a

322

00:15:54,470 --> 00:15:50,310

spectacularly debunked range of

323

00:16:00,080 --> 00:15:54,480

therapies for cancers oh wow and their

324

00:16:02,900 --> 00:16:00,090

coffee enemas Oh corsets in in quantum

325

00:16:05,030 --> 00:16:02,910

consciousness there are psychic

326

00:16:07,220 --> 00:16:05,040

hairdressers how that would be

327

00:16:12,230 --> 00:16:07,230

fascinating what do they do what do they

328

00:16:14,180 --> 00:16:12,240

I don't know but at one point when the

329

00:16:17,540 --> 00:16:14,190

economic crisis hit they they didn't put

330

00:16:18,950 --> 00:16:17,550

a sign in their window saying I think it

331

00:16:21,380 --> 00:16:18,960

was one one way the other was either

332

00:16:23,120 --> 00:16:21,390

free free psychic reading with every

333

00:16:24,710 --> 00:16:23,130

haircut or free here come with every

334

00:16:28,610 --> 00:16:24,720

psychic reading I can't move which one

335

00:16:32,900 --> 00:16:28,620

it but had quite amusing there are aura

336

00:16:34,460 --> 00:16:32,910

comas there are Reiki masters and we

337

00:16:37,430 --> 00:16:34,470

have them coming in the shop from time

338

00:16:39,050 --> 00:16:37,440

to time and we also have people who are

339

00:16:42,680 --> 00:16:39,060

led to their shop by their intuitive

340

00:16:44,060 --> 00:16:42,690

spirit guides Oh Jen all that intuitive

341

00:16:47,270 --> 00:16:44,070

if they're walking in there trying to

342

00:16:51,800 --> 00:16:47,280

find us and and we have Fung Shui people

343

00:16:55,070 --> 00:16:51,810

saying i love the space it's just great

344

00:16:59,360 --> 00:16:55,080

energy in here um did you did you work

345

00:17:02,300 --> 00:16:59,370

out all the fun Shui and I know

346

00:17:05,390 --> 00:17:02,310

yes it's just natural that way yeah yes

347

00:17:08,299 --> 00:17:05,400

yeah yeah I'm just understood designer I

348

00:17:12,319 --> 00:17:08,309

just designed it that's that's it that's

349

00:17:16,429 --> 00:17:12,329

it yes there's a lot of that so we it is

350

00:17:18,620 --> 00:17:16,439

a difficult and line to tread because I

351  
00:17:21,189 --> 00:17:18,630  
don't want to send them just packing I

352  
00:17:22,910 --> 00:17:21,199  
want to try and get them to engage with

353  
00:17:25,069 --> 00:17:22,920  
material that they might not otherwise

354  
00:17:27,319 --> 00:17:25,079  
engage with and and that's why I

355  
00:17:29,330 --> 00:17:27,329  
mentioned before start them off on

356  
00:17:33,110 --> 00:17:29,340  
things to do with thinking start them

357  
00:17:35,990 --> 00:17:33,120  
off on stuff that will potentially get

358  
00:17:37,790 --> 00:17:36,000  
them to question their assumptions and

359  
00:17:41,120 --> 00:17:37,800  
that's really hard there's a lot of not

360  
00:17:43,880 --> 00:17:41,130  
a lot of material I think that can

361  
00:17:48,440 --> 00:17:43,890  
actually engage people who are hostile

362  
00:17:50,930 --> 00:17:48,450  
to sort I first got to learn of you

363  
00:17:53,000 --> 00:17:50,940

online but we met in person at the

364

00:17:55,010 --> 00:17:53,010

Australian skeptics convention last year

365

00:17:56,510 --> 00:17:55,020

in Brisbane where you were the official

366

00:17:58,370 --> 00:17:56,520

bookstore what are some of the

367

00:17:59,960 --> 00:17:58,380

recommendations you have for people who

368

00:18:05,150 --> 00:17:59,970

are interested in good skeptical books

369

00:18:07,280 --> 00:18:05,160

oh there are so many great thing to know

370

00:18:08,930 --> 00:18:07,290

because i have so many people searching

371

00:18:10,730 --> 00:18:08,940

my site for them so it's wonderful to

372

00:18:12,169 --> 00:18:10,740

know that someone says there's lots of

373

00:18:15,110 --> 00:18:12,179

the mouth in what do you recommend first

374

00:18:17,690 --> 00:18:15,120

off well i'll be my number one choice

375

00:18:19,480 --> 00:18:17,700

for all things skeptical is still Dave

376

00:18:22,640 --> 00:18:19,490

demon haunted world it's just

377

00:18:25,070 --> 00:18:22,650

beautifully written I would have to say

378

00:18:27,140 --> 00:18:25,080

that Martin bridge stocks book beyond

379

00:18:31,160 --> 00:18:27,150

belief has got to be high up there too

380

00:18:32,840 --> 00:18:31,170

it's a it really engages with the

381

00:18:34,760 --> 00:18:32,850

material in quite a different way to

382

00:18:37,370 --> 00:18:34,770

demon haunted world and it's I think a

383

00:18:40,669 --> 00:18:37,380

nice companion piece I think the two

384

00:18:42,710 --> 00:18:40,679

work together quite well and for reasons

385

00:18:46,040 --> 00:18:42,720

that I don't think would be immediately

386

00:18:48,350 --> 00:18:46,050

apparent and crimes against logic the

387

00:18:51,860 --> 00:18:48,360

Jamie white book and that's a real

388

00:18:54,230 --> 00:18:51,870

number one book for thinking so a

389

00:18:56,030 --> 00:18:54,240

cracking little book I have to find that

390

00:18:59,830 --> 00:18:56,040

one I haven't got that one so I better

391

00:19:02,390 --> 00:18:59,840

make sure i order from your site oh okay

392

00:19:05,390 --> 00:19:02,400

yeah it's it's very good it's and it's

393

00:19:08,660 --> 00:19:05,400

quite slim because in at the heart of

394

00:19:10,850 --> 00:19:08,670

critical thinking logic is at the basis

395

00:19:12,680 --> 00:19:10,860

of that and so it's a and he's a

396

00:19:15,690 --> 00:19:12,690

terrific philosopher

397

00:19:18,380 --> 00:19:15,700

he's got a couple of others but I don't

398

00:19:22,740 --> 00:19:18,390

have them in stock at the moment and

399

00:19:26,070 --> 00:19:22,750

Julian bikinis work oh yes he is

400

00:19:30,360 --> 00:19:26,080

terrific I really really like him it's

401

00:19:35,730 --> 00:19:30,370

just got a great a great voice it's it's

402

00:19:38,549 --> 00:19:35,740

really contained and it's not given to

403

00:19:41,730 --> 00:19:38,559

hyperbole he really tries to keep things

404

00:19:44,070 --> 00:19:41,740

quite mellow is the mellow English

405

00:19:48,870 --> 00:19:44,080

philosopher who engages in tricky

406

00:19:50,400 --> 00:19:48,880

material and I like reading I liked

407

00:19:52,140 --> 00:19:50,410

reading everything he's written so one

408

00:19:54,030 --> 00:19:52,150

of his ones in particular is do you

409

00:19:57,030 --> 00:19:54,040

think what you think you think yes

410

00:20:00,060 --> 00:19:57,040

that's a cracker and he's also done

411

00:20:04,490 --> 00:20:00,070

philosophy behind the headlines the

412

00:20:07,260 --> 00:20:04,500

Philosopher's toolkit and each of these

413

00:20:11,850 --> 00:20:07,270

are great for anyone who wants to engage

414

00:20:13,890 --> 00:20:11,860

in skepticism yeah I even used the pig

415

00:20:16,860 --> 00:20:13,900

who wishes to be eaten with my high

416

00:20:20,750 --> 00:20:16,870

school classes oh good very good it's a

417

00:20:24,030 --> 00:20:20,760

crack a great book grandpa so yes and

418

00:20:25,710 --> 00:20:24,040

there there are a variety of others most

419

00:20:29,750 --> 00:20:25,720

a lot of the Philosopher's have written

420

00:20:32,730 --> 00:20:29,760

material that I would also suggest so I

421

00:20:35,480 --> 00:20:32,740

AC Grayling is one of my favorites

422

00:20:38,610 --> 00:20:35,490

although it's not directly engaged in in

423

00:20:41,400 --> 00:20:38,620

skepticism he tends to deal with more

424

00:20:45,330 --> 00:20:41,410

with things like secular humanist ethics

425

00:20:47,460 --> 00:20:45,340

and problems of of ethical

426

00:20:51,150 --> 00:20:47,470

considerations and moral considerations

427

00:20:54,350 --> 00:20:51,160

and but he also engages in really modern

428

00:20:56,549 --> 00:20:54,360

material so is done work on on the

429

00:20:59,250 --> 00:20:56,559

collateral damage for instance during

430

00:21:01,799 --> 00:20:59,260

the war truth claims and a lot of truth

431

00:21:04,610 --> 00:21:01,809

claims are made in in ethical areas and

432

00:21:06,660 --> 00:21:04,620

moral areas and and skepticism

433

00:21:07,950 --> 00:21:06,670

traditionally does avoid them and I

434

00:21:10,590 --> 00:21:07,960

think it traditionally avoids them

435

00:21:13,919 --> 00:21:10,600

primarily because it's really messy yeah

436

00:21:17,310 --> 00:21:13,929

I see grayling as a way to start

437

00:21:20,280 --> 00:21:17,320

thinking critically about ethical issues

438

00:21:23,190 --> 00:21:20,290

is it's my chosen author in that area

439

00:21:25,529 --> 00:21:23,200

yeah you will also recently

440

00:21:27,169 --> 00:21:25,539

add a humanist convention that happened

441

00:21:30,450 --> 00:21:27,179

in Queensland can you tell us about that

442

00:21:32,100 --> 00:21:30,460

yes I was invited to be a speaker I 10

443

00:21:36,899 --> 00:21:32,110

yes what did you talk about what

444

00:21:41,460 --> 00:21:36,909

happened and well I I am my topic was my

445

00:21:44,850 --> 00:21:41,470

my talk was taught labeled what Julia

446

00:21:50,190 --> 00:21:44,860

said to Richard mmm I don't know if you

447

00:21:53,730 --> 00:21:50,200

saw the Q and I a month or so ago a

448

00:21:57,090 --> 00:21:53,740

little bit with Julia Bishop and Richard

449

00:21:59,190 --> 00:21:57,100

Dawkins yes sure yes it's been it's been

450

00:22:02,460 --> 00:21:59,200

featured on line and I've watched it

451  
00:22:06,659 --> 00:22:02,470  
again recently years yeah so she was

452  
00:22:09,480 --> 00:22:06,669  
asked the question was do you believe in

453  
00:22:13,019 --> 00:22:09,490  
an afterlife and her response was along

454  
00:22:15,840 --> 00:22:13,029  
the lines of well I can't believe that

455  
00:22:20,310 --> 00:22:15,850  
this is it is this it is this all we

456  
00:22:23,100 --> 00:22:20,320  
have on earth hmm I am always amazed

457  
00:22:26,009 --> 00:22:23,110  
when I hear that sort of comment even

458  
00:22:28,740 --> 00:22:26,019  
though I do tend to hear variations of

459  
00:22:32,789 --> 00:22:28,750  
their comment on a regular basis and so

460  
00:22:35,789 --> 00:22:32,799  
I made my talk about answering that

461  
00:22:37,049 --> 00:22:35,799  
question is this evil what yeah it was

462  
00:22:39,060 --> 00:22:37,059  
good i really enjoyed it and the

463  
00:22:41,789 --> 00:22:39,070

feedback was really good it was my first

464

00:22:44,340 --> 00:22:41,799

attempt of public speaking brilliant

465

00:22:46,259 --> 00:22:44,350

well done you well that's great yeah

466

00:22:50,970 --> 00:22:46,269

that was good and we had a little

467

00:22:54,029 --> 00:22:50,980

bookstore there as well and where I just

468

00:22:55,950 --> 00:22:54,039

featured more of our humanist stock as

469

00:23:01,740 --> 00:22:55,960

well as some of the critical thinking

470

00:23:03,570 --> 00:23:01,750

work and at that particular session

471

00:23:05,850 --> 00:23:03,580

probably the best selling book of the

472

00:23:07,830 --> 00:23:05,860

day was Bertrand Russell's histories of

473

00:23:10,379 --> 00:23:07,840

Western thought or histories of Western

474

00:23:12,539 --> 00:23:10,389

philosophy sir I mean I got that one is

475

00:23:14,100 --> 00:23:12,549

a very young person when i first started

476

00:23:16,740 --> 00:23:14,110

my philosophy degree and it's still a

477

00:23:19,080 --> 00:23:16,750

favorite of mine it is a cracker isn't

478

00:23:20,669 --> 00:23:19,090

it yeah it's a wonderful book if people

479

00:23:22,799 --> 00:23:20,679

go to your website they can see a

480

00:23:24,600 --> 00:23:22,809

variety of other lectures that people

481

00:23:26,700 --> 00:23:24,610

have given at your bookstore all free

482

00:23:30,779 --> 00:23:26,710

for viewing online one of our primary

483

00:23:34,409 --> 00:23:30,789

aims is to bring in thinkers scientists

484

00:23:36,509 --> 00:23:34,419

philosophers to the public that don't

485

00:23:38,459 --> 00:23:36,519

normally get to see them n

486

00:23:41,879 --> 00:23:38,469

really especially in an area like this

487

00:23:43,799 --> 00:23:41,889

you don't really get people like the

488

00:23:45,509 --> 00:23:43,809

ones we get to come and speak so the

489

00:23:47,249 --> 00:23:45,519

last weekend we had Russell Blackford

490

00:23:49,190 --> 00:23:47,259

who was also a speaker at the Atheist

491

00:23:52,409 --> 00:23:49,200

convention come and speak in the shop

492

00:23:54,719 --> 00:23:52,419

and we were packed for that we had about

493

00:23:58,409 --> 00:23:54,729

65 people in the shop now we can only

494

00:24:00,359 --> 00:23:58,419

really seek 45 so that was amazing and

495

00:24:03,509 --> 00:24:00,369

that was great and Russell was terrific

496

00:24:06,810 --> 00:24:03,519

he gave a really good talk on sort of

497

00:24:09,959 --> 00:24:06,820

the history of all things that are

498

00:24:12,180 --> 00:24:09,969

behind secular issues and secular

499

00:24:14,219 --> 00:24:12,190

philosophy and and why you might be

500

00:24:17,639 --> 00:24:14,229

interested in having a secular society

501  
00:24:21,389 --> 00:24:17,649  
even if you're religious so that talk

502  
00:24:23,789 --> 00:24:21,399  
will be going online next week we've

503  
00:24:26,519 --> 00:24:23,799  
also had Peter Elton a critical thinking

504  
00:24:30,629 --> 00:24:26,529  
award winner along with Martin bridge

505  
00:24:34,109 --> 00:24:30,639  
doc professor ian fraser the great

506  
00:24:38,940 --> 00:24:34,119  
scientist at the center of developing a

507  
00:24:41,759 --> 00:24:38,950  
vaccine for cervical cancer pack Ian

508  
00:24:45,029 --> 00:24:41,769  
Lowe and a variety of environmental

509  
00:24:47,940 --> 00:24:45,039  
scientists and other authors who are

510  
00:24:50,219 --> 00:24:47,950  
engaged in scientific issues so we we

511  
00:24:51,989 --> 00:24:50,229  
video them we put them online we also

512  
00:24:53,729 --> 00:24:51,999  
try and include the questions that are

513  
00:24:57,149 --> 00:24:53,739

actually asked of them in the audience

514

00:25:00,029 --> 00:24:57,159

so that we can try and start getting a

515

00:25:03,690 --> 00:25:00,039

dialogue between people whose view them

516

00:25:05,190 --> 00:25:03,700

locally and people who are outside of

517

00:25:07,859 --> 00:25:05,200

the region who might be viewing it from

518

00:25:10,529 --> 00:25:07,869

over overseas or somewhere else in

519

00:25:13,169 --> 00:25:10,539

Australia so I would really like to be

520

00:25:14,789 --> 00:25:13,179

able to get that blog to be a focal

521

00:25:18,029 --> 00:25:14,799

point for conversation about those

522

00:25:19,440 --> 00:25:18,039

things because some you don't get videos

523

00:25:20,729 --> 00:25:19,450

of these things otherwise and they're

524

00:25:22,799 --> 00:25:20,739

not where else you're going to find a

525

00:25:25,139 --> 00:25:22,809

one hour long video of Martin bridge

526  
00:25:26,969 --> 00:25:25,149  
stop talking about skepticism absolutely

527  
00:25:28,469 --> 00:25:26,979  
brilliant it's a wonderful place to to

528  
00:25:30,629 --> 00:25:28,479  
see them and you get to see what a

529  
00:25:32,789 --> 00:25:30,639  
beautiful book store you have so people

530  
00:25:36,479 --> 00:25:32,799  
do have the chance to come and see it

531  
00:25:39,329 --> 00:25:36,489  
what's the actual address of it we're in

532  
00:25:44,129 --> 00:25:39,339  
noosaville we're on why the road which

533  
00:25:45,930 --> 00:25:44,139  
is w ey be a 205 why burrowed we're just

534  
00:25:47,590 --> 00:25:45,940  
up the road from aldi and next to

535  
00:25:50,260 --> 00:25:47,600  
orgánica

536  
00:25:52,390 --> 00:25:50,270  
so look for the two stores that are sort

537  
00:25:56,320 --> 00:25:52,400  
of looking sideways at each other and

538  
00:25:58,360 --> 00:25:56,330

saying and with yeah yeah and the

539

00:26:01,450 --> 00:25:58,370

website of course is in big and books

540

00:26:03,610 --> 00:26:01,460

calm isn't it yes I did have someone

541

00:26:06,279 --> 00:26:03,620

asked me about these people can order

542

00:26:08,529 --> 00:26:06,289

online read reviews online contribute

543

00:26:11,640 --> 00:26:08,539

reviews online as well as contribute to

544

00:26:14,169 --> 00:26:11,650

the blog can't they indeedy they can we

545

00:26:15,400 --> 00:26:14,179

welcome reviews particularly on those

546

00:26:18,610 --> 00:26:15,410

sorts of books that we've been talking

547

00:26:22,510 --> 00:26:18,620

about the skeptical books because it

548

00:26:24,490 --> 00:26:22,520

helps to have other people's views on

549

00:26:27,520 --> 00:26:24,500

these things each each of the books have

550

00:26:28,690 --> 00:26:27,530

strengths and weaknesses and you can be

551

00:26:32,350 --> 00:26:28,700

recommended under different

552

00:26:33,880 --> 00:26:32,360

circumstances as we've seen and even

553

00:26:37,600 --> 00:26:33,890

I've contributed a book review but

554

00:26:40,049 --> 00:26:37,610

mine's a bit silly no no and we've had

555

00:26:44,080 --> 00:26:40,059

some good reviews another great review

556

00:26:47,320 --> 00:26:44,090

yours and Sean the blogger naught oh yes

557

00:26:50,080 --> 00:26:47,330

he's done a couple of cracking reviews

558

00:26:52,180 --> 00:26:50,090

for us as well sir and he said is to you

559

00:26:53,500 --> 00:26:52,190

to deliver another and I need to get on

560

00:26:55,240 --> 00:26:53,510

to him about that because he's a bit

561

00:26:57,100 --> 00:26:55,250

late yep so if you're listening Sean

562

00:27:01,210 --> 00:26:57,110

which I'm certain you are get moving on

563

00:27:05,320 --> 00:27:01,220

it yeah great okay so people head over

564

00:27:06,970 --> 00:27:05,330

to ww embiggen books calm and buy from

565

00:27:08,380 --> 00:27:06,980

you online i think is an important thing

566

00:27:10,000 --> 00:27:08,390

let's see we can encourage more

567

00:27:13,600 --> 00:27:10,010

rationalist book stores out there to

568

00:27:16,690 --> 00:27:13,610

keep on thriving DD also just to bear in

569

00:27:19,720 --> 00:27:16,700

mind that a large proportion of our

570

00:27:22,240 --> 00:27:19,730

profits as small as they are due simply

571

00:27:24,399 --> 00:27:22,250

go back into science outreach because

572

00:27:26,529 --> 00:27:24,409

that's that's our mo that's why we're

573

00:27:28,180 --> 00:27:26,539

here if we can't increase scientific

574

00:27:31,060 --> 00:27:28,190

literacy in the community then we're

575

00:27:35,710 --> 00:27:31,070

failing really do thank you so much for

576

00:27:37,210 --> 00:27:35,720

talking to us wallet my pleasure thanks

577

00:27:39,760 --> 00:27:37,220

again to warren if you would like to

578

00:27:44,409 --> 00:27:39,770

hear our monthly book reviews head over

579

00:27:47,620 --> 00:27:44,419

to the token skeptic podcast at ww token

580

00:27:59,010 --> 00:27:47,630

skeptical warren site is found out in

581

00:28:03,490 --> 00:28:01,150

examining the truth in exposing the

582

00:28:05,500 --> 00:28:03,500

frauds that psychics co uk is the

583

00:28:07,600 --> 00:28:05,510

website that critically examines mediums

584

00:28:09,430 --> 00:28:07,610

clairvoyants and psychics follow the

585

00:28:11,530 --> 00:28:09,440

controversies news and discussions in

586

00:28:13,030 --> 00:28:11,540

the lively forum community and now you

587

00:28:14,710 --> 00:28:13,040

can download your weekly fix of

588

00:28:17,080 --> 00:28:14,720

righteous indignation the official

589

00:28:18,340 --> 00:28:17,090

podcast of bad psychics khodet UK that

590

00:28:21,460 --> 00:28:18,350

talks hard and critically about

591

00:28:23,230 --> 00:28:21,470

paranormal bad psychics doctor at UK the

592

00:28:34,660 --> 00:28:23,240

UK's largest and most respected

593

00:28:37,420 --> 00:28:34,670

skeptical site looking at psychics now

594

00:28:42,460 --> 00:28:37,430

it's time for dr. Rachel reports with

595

00:28:45,550 --> 00:28:42,470

dr. Rachel Dunlop hello listeners and

596

00:28:47,440 --> 00:28:45,560

welcome to dr. Richie reports it may

597

00:28:49,840 --> 00:28:47,450

have come 12 years too late but finally

598

00:28:51,580 --> 00:28:49,850

Andrew Wakefield the doctor who sparked

599

00:28:54,880 --> 00:28:51,590

the worldwide controversy about the

600

00:28:57,640 --> 00:28:54,890

safety of the MMR vaccine the measles

601  
00:29:00,280 --> 00:28:57,650  
mumps rubella has been struck off the UK

602  
00:29:02,290 --> 00:29:00,290  
medical register the white field

603  
00:29:04,000 --> 00:29:02,300  
investigation was the longest in the

604  
00:29:07,210 --> 00:29:04,010  
history of the General Medical Council

605  
00:29:11,320 --> 00:29:07,220  
in the UK with the disciplinary panel

606  
00:29:13,750 --> 00:29:11,330  
sitting for a total of 148 days over a

607  
00:29:17,860 --> 00:29:13,760  
period of two and a half years at an

608  
00:29:19,330 --> 00:29:17,870  
estimated cost of 1 million pounds the

609  
00:29:21,010 --> 00:29:19,340  
results of the investigation were

610  
00:29:25,000 --> 00:29:21,020  
revealed in a hundred and forty three

611  
00:29:27,370 --> 00:29:25,010  
page report on January the 28 2010 and

612  
00:29:29,260 --> 00:29:27,380  
they found that Wakefield showed a

613  
00:29:31,210 --> 00:29:29,270

callous disregard for children's

614

00:29:34,530 --> 00:29:31,220

suffering and abused his position of

615

00:29:36,700 --> 00:29:34,540

trust and in a statement the GMC

616

00:29:38,620 --> 00:29:36,710

determined that dr. Wakefield's name

617

00:29:42,040 --> 00:29:38,630

should be erased from the medical

618

00:29:46,870 --> 00:29:42,050

register and so this came to be on May

619

00:29:48,880 --> 00:29:46,880

the 25th 2010 now this decision follows

620

00:29:51,310 --> 00:29:48,890

an investigation into Wakefield's

621

00:29:54,550 --> 00:29:51,320

behavior because of his publication that

622

00:29:56,650 --> 00:29:54,560

appeared in The Lancet in 1998 now

623

00:30:00,340 --> 00:29:56,660

although this publication itself did not

624

00:30:02,320 --> 00:30:00,350

make a link between MMR and autism it

625

00:30:03,769 --> 00:30:02,330

was at a press conference after the

626  
00:30:05,539 --> 00:30:03,779  
paper was published

627  
00:30:08,719 --> 00:30:05,549  
we're wakefield first suggested this

628  
00:30:11,419 --> 00:30:08,729  
link he urged caution and advised

629  
00:30:14,599 --> 00:30:11,429  
parents to seek out single vaccines for

630  
00:30:16,969 --> 00:30:14,609  
measles mumps or rubella so Wakefield

631  
00:30:19,219 --> 00:30:16,979  
statements resonated worldwide and this

632  
00:30:21,799 --> 00:30:19,229  
scared way many parents from vaccinating

633  
00:30:24,649 --> 00:30:21,809  
their children and also firmly cemented

634  
00:30:26,749 --> 00:30:24,659  
the anti-vaccination movement the

635  
00:30:29,209 --> 00:30:26,759  
resulting drop in vaccine compliance

636  
00:30:31,940 --> 00:30:29,219  
continues to contribute to outbreaks of

637  
00:30:34,940 --> 00:30:31,950  
vaccine-preventable diseases and we have

638  
00:30:39,619 --> 00:30:34,950

seen outbreaks of measles whooping cough

639

00:30:41,389 --> 00:30:39,629

and mumps in recent months so some of

640

00:30:43,070 --> 00:30:41,399

the findings from the GMC weather

641

00:30:46,099 --> 00:30:43,080

Wakefield was found to have brought the

642

00:30:48,529 --> 00:30:46,109

medical profession into disrepute and it

643

00:30:51,019 --> 00:30:48,539

was in reference to him taking blood

644

00:30:52,609 --> 00:30:51,029

samples for the study from children who

645

00:30:56,239 --> 00:30:52,619

were attending his son's birthday party

646

00:30:58,669 --> 00:30:56,249

in return for five pounds reward now

647

00:31:00,259 --> 00:30:58,679

Wakefield was later filmed laughing and

648

00:31:02,930 --> 00:31:00,269

joking at a conference about the

649

00:31:04,759 --> 00:31:02,940

children fainting and vomiting here's

650

00:31:07,190 --> 00:31:04,769

what Wakefield had to say to Matt Lauer

651  
00:31:10,759 --> 00:31:07,200  
of the USA Today Show with reference to

652  
00:31:12,649 --> 00:31:10,769  
this incident he needed some control

653  
00:31:16,369 --> 00:31:12,659  
blood from children who were entirely

654  
00:31:17,719 --> 00:31:16,379  
normal and so I asked my children and my

655  
00:31:19,249 --> 00:31:17,729  
wife said we've got a birthday party

656  
00:31:20,329 --> 00:31:19,259  
coming up we've got some medical friends

657  
00:31:21,829 --> 00:31:20,339  
why don't we ask them if they'd be

658  
00:31:24,139 --> 00:31:21,839  
prepared to let their children do it too

659  
00:31:25,789 --> 00:31:24,149  
so seven or eight children said sure I

660  
00:31:27,259 --> 00:31:25,799  
don't know why that sounds funny to me

661  
00:31:29,930 --> 00:31:27,269  
but it does at a children's birthday

662  
00:31:31,789 --> 00:31:29,940  
party blood samples being drawn from

663  
00:31:34,399 --> 00:31:31,799

children were they paid for the samples

664

00:31:36,109 --> 00:31:34,409

they were rewarded they weren't paid how

665

00:31:38,810 --> 00:31:36,119

are they at the end of the party they

666

00:31:40,969 --> 00:31:38,820

were given five pounds that at the time

667

00:31:43,609 --> 00:31:40,979

I guess about it why isn't that paying

668

00:31:45,589 --> 00:31:43,619

them well it's not saying up front by

669

00:31:47,329 --> 00:31:45,599

coercing them you do this we're going to

670

00:31:50,869 --> 00:31:47,339

give you money it's saying at the end of

671

00:31:52,669 --> 00:31:50,879

it here's a reward for for helping it's

672

00:31:54,619 --> 00:31:52,679

completely ridiculous that Wakefield

673

00:31:57,469 --> 00:31:54,629

would expect this method of collecting

674

00:31:59,930 --> 00:31:57,479

samples for a study to be ethical and

675

00:32:01,729 --> 00:31:59,940

aboveboard he is either completely

676

00:32:03,680 --> 00:32:01,739

clueless when it comes to the strict

677

00:32:06,310 --> 00:32:03,690

procedures instructed by ethics

678

00:32:08,869 --> 00:32:06,320

committees or is completely incompetent

679

00:32:10,849 --> 00:32:08,879

so in addition Wakefield conducted

680

00:32:13,099 --> 00:32:10,859

unnecessary painful and intrusive

681

00:32:15,769 --> 00:32:13,109

diagnostic treatments on children and

682

00:32:16,419 --> 00:32:15,779

these included colonoscopies and spinal

683

00:32:19,600 --> 00:32:16,429

taps

684

00:32:22,269 --> 00:32:19,610

now in further investigations Sunday

685

00:32:24,549 --> 00:32:22,279

times journalists Bryan Dear revealed

686

00:32:27,460 --> 00:32:24,559

that Wakefield did not disclose serious

687

00:32:29,350 --> 00:32:27,470

financial conflicts of interest now Dear

688

00:32:31,930 --> 00:32:29,360

provided evidence that Wakefield was

689

00:32:34,509 --> 00:32:31,940

paid thousands of pounds by lawyers

690

00:32:38,230 --> 00:32:34,519

seeking a link between the MMR vaccine

691

00:32:41,009 --> 00:32:38,240

and autism and Wakefield also had a

692

00:32:43,629 --> 00:32:41,019

patent on his own single measles vaccine

693

00:32:44,950 --> 00:32:43,639

similar to the one he urged parents to

694

00:32:48,310 --> 00:32:44,960

seek out at the press conference

695

00:32:50,340 --> 00:32:48,320

following the publishing of the paper so

696

00:32:53,590 --> 00:32:50,350

things began to crumble for wakefield in

697

00:32:55,779 --> 00:32:53,600

2004 when 10 of the 12 authors on The

698

00:32:58,659 --> 00:32:55,789

Lancet paper withdrew their names from

699

00:33:01,090 --> 00:32:58,669

the publication stating we wish to make

700

00:33:03,759 --> 00:33:01,100

it clear that in this paper no causal

701  
00:33:06,779 --> 00:33:03,769  
link was established between MMR vaccine

702  
00:33:09,999 --> 00:33:06,789  
and autism as the data were insufficient

703  
00:33:12,100 --> 00:33:10,009  
however the possibility of such a link

704  
00:33:14,609 --> 00:33:12,110  
was raised and consequent events have

705  
00:33:17,169 --> 00:33:14,619  
had major implications for public health

706  
00:33:19,269 --> 00:33:17,179  
so it took a further six years before

707  
00:33:21,669 --> 00:33:19,279  
the editor of The Lancet retracted the

708  
00:33:23,619 --> 00:33:21,679  
paper completely which effectively means

709  
00:33:27,129 --> 00:33:23,629  
it is now scratched from the scientific

710  
00:33:29,200 --> 00:33:27,139  
record and in another blow for Wakefield

711  
00:33:30,930 --> 00:33:29,210  
another paper which was accepted for

712  
00:33:34,119 --> 00:33:30,940  
publication in the journal

713  
00:33:36,970 --> 00:33:34,129

neurotoxicology was also subsequently

714

00:33:39,190 --> 00:33:36,980

withdrawn this study attempted to show a

715

00:33:41,080 --> 00:33:39,200

link between thimerosal and impaired

716

00:33:45,700 --> 00:33:41,090

neurological development in baby

717

00:33:47,499 --> 00:33:45,710

macaques so in 2005 Wakefield relocated

718

00:33:49,779 --> 00:33:47,509

to the United States where he

719

00:33:52,180 --> 00:33:49,789

established and became director of the

720

00:33:54,430 --> 00:33:52,190

alternative medicine clinic for children

721

00:33:57,460 --> 00:33:54,440

with autism spectrum disorders known as

722

00:33:59,200 --> 00:33:57,470

thoughtful house the clinic has come

723

00:34:01,590 --> 00:33:59,210

under fire for using questionable

724

00:34:04,060 --> 00:34:01,600

treatments such as collation a

725

00:34:08,260 --> 00:34:04,070

scientifically unproven therapy and

726  
00:34:09,909 --> 00:34:08,270  
dangerous therapy for autism Wakefield

727  
00:34:12,490 --> 00:34:09,919  
was pressured into resigning his

728  
00:34:17,289 --> 00:34:12,500  
position following the GMC findings in

729  
00:34:19,419 --> 00:34:17,299  
January 2010 so despite recent events

730  
00:34:21,690 --> 00:34:19,429  
the anti-vaccination movement continues

731  
00:34:24,369 --> 00:34:21,700  
to rally around their poster boy &

732  
00:34:28,419 --> 00:34:24,379  
Wakefield supporters have called the GMC

733  
00:34:30,690 --> 00:34:28,429  
findings unjust a smear campaign and a

734  
00:34:33,220 --> 00:34:30,700  
sad day for our children

735  
00:34:35,230 --> 00:34:33,230  
Generation Rescue which is a zealous

736  
00:34:37,890 --> 00:34:35,240  
anti-vaccination group in the US

737  
00:34:40,510 --> 00:34:37,900  
publicly represented by Jenny McCarthy

738  
00:34:44,620 --> 00:34:40,520

issued a statement of support following

739

00:34:46,780 --> 00:34:44,630

the findings in January they said dr.

740

00:34:49,840 --> 00:34:46,790

Andrew Wakefield is perhaps this debate

741

00:34:52,330 --> 00:34:49,850

greatest hero he's a doctor who has held

742

00:34:54,910 --> 00:34:52,340

on to the truth unbowed through pressure

743

00:34:56,890 --> 00:34:54,920

that would break most mortals dr.

744

00:34:59,050 --> 00:34:56,900

Wakefield's influence in saving other

745

00:35:02,110 --> 00:34:59,060

children from the fate that befell so

746

00:35:04,060 --> 00:35:02,120

many children is incalculable more

747

00:35:06,490 --> 00:35:04,070

recently comments left on the age of

748

00:35:09,160 --> 00:35:06,500

autism website were supporting calls for

749

00:35:11,200 --> 00:35:09,170

Wakefield to be knighted so let's

750

00:35:13,060 --> 00:35:11,210

summarize the chain of events that led

751  
00:35:16,450 --> 00:35:13,070  
to Wakefield getting struck off on

752  
00:35:18,430 --> 00:35:16,460  
Tuesday Wakefield was getting paid by

753  
00:35:20,920 --> 00:35:18,440  
lawyers putting together a class-action

754  
00:35:23,530 --> 00:35:20,930  
suit against the manufacturers of MMR

755  
00:35:26,380 --> 00:35:23,540  
for two years prior to the publication

756  
00:35:28,390 --> 00:35:26,390  
of The Lancet paper at a press

757  
00:35:30,760 --> 00:35:28,400  
conference following the publication of

758  
00:35:33,610 --> 00:35:30,770  
the paper he called for parents to seek

759  
00:35:36,190 --> 00:35:33,620  
out a single vaccine for measles and he

760  
00:35:39,490 --> 00:35:36,200  
himself had a patent on his own single

761  
00:35:41,890 --> 00:35:39,500  
measles vaccine the pathology results in

762  
00:35:45,940 --> 00:35:41,900  
a Lancet paper cannot be verified and

763  
00:35:47,470 --> 00:35:45,950

are suspected to be fabricated the PCR

764

00:35:49,750 --> 00:35:47,480

data was found to have come from

765

00:35:53,140 --> 00:35:49,760

contaminated samples and could not be

766

00:35:55,150 --> 00:35:53,150

independently confirmed and no conflicts

767

00:35:58,150 --> 00:35:55,160

of interest were declared when the paper

768

00:36:00,070 --> 00:35:58,160

was submitted Wakefield did not have

769

00:36:02,770 --> 00:36:00,080

ethics approval for the studies on

770

00:36:06,310 --> 00:36:02,780

children and the study was only small

771

00:36:08,650 --> 00:36:06,320

consisting of 12 children so for such a

772

00:36:11,230 --> 00:36:08,660

small study that did not even examine a

773

00:36:13,630 --> 00:36:11,240

vaccines autism link it is incredible to

774

00:36:16,030 --> 00:36:13,640

think that it had such a large impact on

775

00:36:19,780 --> 00:36:16,040

public health but of course the blame

776

00:36:21,760 --> 00:36:19,790

does not solely lie with Wakefield the

777

00:36:24,250 --> 00:36:21,770

media were highly complicit in spreading

778

00:36:26,530 --> 00:36:24,260

the fear about the MMR vaccine safety

779

00:36:29,980 --> 00:36:26,540

and the results of their misinformation

780

00:36:32,560 --> 00:36:29,990

was MMR vaccination rates fell to as low

781

00:36:34,630 --> 00:36:32,570

as 50 percent in some parts of London

782

00:36:36,760 --> 00:36:34,640

and although the anti-vaccination

783

00:36:39,280 --> 00:36:36,770

movement was well and truly active at

784

00:36:41,500 --> 00:36:39,290

this stage it must be acknowledged that

785

00:36:43,540 --> 00:36:41,510

this boosted their cause so it's

786

00:36:46,180 --> 00:36:43,550

incredible that even when this evidence

787

00:36:49,660 --> 00:36:46,190

all lined up people still continue to

788

00:36:51,910 --> 00:36:49,670

rally around angel Wakefield but he is

789

00:36:54,850 --> 00:36:51,920

certainly keeping some unusual company

790

00:36:57,400 --> 00:36:54,860

these days recently he sat down with the

791

00:37:00,190 --> 00:36:57,410

king of natural medicine Joseph Mercola

792

00:37:03,220 --> 00:37:00,200

for a series of five interviews for

793

00:37:06,910 --> 00:37:03,230

YouTube and a recent interview with Matt

794

00:37:09,100 --> 00:37:06,920

Lauer for USA Today was a very good

795

00:37:11,020 --> 00:37:09,110

example of how Wakefield now believes

796

00:37:14,290 --> 00:37:11,030

his own rhetoric and has completely

797

00:37:16,600 --> 00:37:14,300

jumped the shark the findings that we

798

00:37:18,370 --> 00:37:16,610

made originally have been replicated in

799

00:37:19,690 --> 00:37:18,380

five different countries of the world so

800

00:37:22,090 --> 00:37:19,700

the bowel disease in these children

801  
00:37:23,410 --> 00:37:22,100  
exists this is a little bump on the road

802  
00:37:25,270 --> 00:37:23,420  
and that's how it should be perceived

803  
00:37:26,770 --> 00:37:25,280  
it's a bump on a very bumpy road but

804  
00:37:28,570 --> 00:37:26,780  
it's a bumper what it does not detract

805  
00:37:30,490 --> 00:37:28,580  
from is the fact but there are millions

806  
00:37:33,250 --> 00:37:30,500  
of children out there suffering and the

807  
00:37:35,410 --> 00:37:33,260  
fact that vaccines can cause autism and

808  
00:37:37,270 --> 00:37:35,420  
I necessary mean is accepted you say by

809  
00:37:39,490 --> 00:37:37,280  
the American government because they've

810  
00:37:42,490 --> 00:37:39,500  
been settling cases of vaccine induced

811  
00:37:43,690 --> 00:37:42,500  
autism since 1991 you see you say to me

812  
00:37:46,600 --> 00:37:43,700  
that the the findings have been

813  
00:37:48,640 --> 00:37:46,610

replicated i have seen studies several

814

00:37:50,680 --> 00:37:48,650

major studies your study involved 12

815

00:37:53,620 --> 00:37:50,690

children I've seen studies that involve

816

00:37:57,760 --> 00:37:53,630

hundreds of thousands of children that

817

00:37:59,620 --> 00:37:57,770

do not replicate your findings and so

818

00:38:01,900 --> 00:37:59,630

today will you sit across from me and

819

00:38:03,790 --> 00:38:01,910

tell me you still believe there is a

820

00:38:07,360 --> 00:38:03,800

possible link between that particular

821

00:38:09,280 --> 00:38:07,370

vaccine the MMR vaccine and autism and

822

00:38:11,260 --> 00:38:09,290

children no do I think it but the

823

00:38:12,910 --> 00:38:11,270

American government has conceded that it

824

00:38:15,100 --> 00:38:12,920

exists causal relationship between

825

00:38:17,200 --> 00:38:15,110

vaccines and autism exists and they've

826

00:38:20,050 --> 00:38:17,210

actually been secretly settling cases as

827

00:38:22,150 --> 00:38:20,060

early as 1991 out of court as well as

828

00:38:23,530 --> 00:38:22,160

you know we've talked to people since we

829

00:38:24,820 --> 00:38:23,540

had a chance to meet you and you were

830

00:38:27,040 --> 00:38:24,830

kind enough to sit down for that

831

00:38:29,230 --> 00:38:27,050

exclusive interview with you with us and

832

00:38:32,410 --> 00:38:29,240

and people in this in our government had

833

00:38:33,670 --> 00:38:32,420

said no no we no longer believe this we

834

00:38:35,470 --> 00:38:33,680

we went out and checked out the

835

00:38:38,320 --> 00:38:35,480

possibilities and we no longer believe

836

00:38:40,570 --> 00:38:38,330

this to be true and and every doctor

837

00:38:42,370 --> 00:38:40,580

I've spoken to says it's dangerous it's

838

00:38:45,220 --> 00:38:42,380

dangerous to even keep talking about it

839

00:38:46,720 --> 00:38:45,230

because for every time you talk about it

840

00:38:48,610 --> 00:38:46,730

parents stopped vaccinating their

841

00:38:50,530 --> 00:38:48,620

children and some children are dying

842

00:38:51,640 --> 00:38:50,540

from preventable illnesses not you're

843

00:38:53,550 --> 00:38:51,650

missing the point the point is that

844

00:38:55,050 --> 00:38:53,560

despite denying it in the pub

845

00:38:56,820 --> 00:38:55,060

relations campaign that they waged

846

00:38:58,650 --> 00:38:56,830

against me and against the parents they

847

00:39:00,390 --> 00:38:58,660

are conceding these cases in vaccine

848

00:39:02,340 --> 00:39:00,400

court what's your next step real quickly

849

00:39:03,900 --> 00:39:02,350

my next step is to continue this work to

850

00:39:05,040 --> 00:39:03,910

its natural conclusion these parents

851

00:39:06,330 --> 00:39:05,050

aren't going away the children aren't

852

00:39:09,390 --> 00:39:06,340

going away and I'm most certainly not

853

00:39:11,490 --> 00:39:09,400

going away so apparently Wakefield is

854

00:39:13,830 --> 00:39:11,500

not going away but I wonder what the

855

00:39:16,040 --> 00:39:13,840

future will hold for him he has recently

856

00:39:18,330 --> 00:39:16,050

written a book called callous disregard

857

00:39:21,720 --> 00:39:18,340

detailing his side of the events leading

858

00:39:23,460 --> 00:39:21,730

to him being struck off maybe he can

859

00:39:25,140 --> 00:39:23,470

write some more works of fiction at

860

00:39:28,290 --> 00:39:25,150

least he seems pretty good at making

861

00:39:30,390 --> 00:39:28,300

stuff up he also claimed at an

862

00:39:32,670 --> 00:39:30,400

anti-vaccination rally in Washington

863

00:39:35,790 --> 00:39:32,680

last week that he plans to set up a

864

00:39:37,920 --> 00:39:35,800

virtual university where he will design

865

00:39:40,950 --> 00:39:37,930

studies and recruit researchers to do

866

00:39:43,110 --> 00:39:40,960

the work as for this idea or no

867

00:39:44,670 --> 00:39:43,120

respectable journals or researchers are

868

00:39:47,610 --> 00:39:44,680

going to want to be in spitting distance

869

00:39:49,350 --> 00:39:47,620

of Andrew Wakefield although he does sit

870

00:39:52,770 --> 00:39:49,360

on the Editorial Board of Medical

871

00:39:55,830 --> 00:39:52,780

Veritas an anti-vaccination conspiracy

872

00:39:57,900 --> 00:39:55,840

theory laid in publication so perhaps

873

00:40:00,540 --> 00:39:57,910

we'll see his publications appearing

874

00:40:03,180 --> 00:40:00,550

here Wakefield's colleague professor

875

00:40:05,340 --> 00:40:03,190

Walker Smith a senior author on The

876

00:40:08,880 --> 00:40:05,350

Lancet study has also been struck off

877

00:40:11,250 --> 00:40:08,890

the UK medical register the other doctor

878

00:40:12,840 --> 00:40:11,260

under investigation professor Simon

879

00:40:16,230 --> 00:40:12,850

merch was found not guilty of

880

00:40:18,450 --> 00:40:16,240

professional misconduct Smith &

881

00:40:20,310 --> 00:40:18,460

Wakefield have 28 days to appeal this

882

00:40:23,850 --> 00:40:20,320

decision and Wakefield has indicated

883

00:40:25,770 --> 00:40:23,860

that he plans to do so if you'd like to

884

00:40:28,440 --> 00:40:25,780

read more about this story or leave a

885

00:40:31,410 --> 00:40:28,450

comment I've blogged it at skeptics book

886

00:40:40,660 --> 00:40:31,420

calm and until next time this has been

887

00:40:46,790 --> 00:40:43,250

we take you now to a conversation being

888

00:40:49,220 --> 00:40:46,800

shattered across a hillside what I think

889

00:40:52,460 --> 00:40:49,230

I'm trying to come up with a brother for

890

00:40:56,210 --> 00:40:52,470

this podcast podcast the geologic

891

00:40:58,580 --> 00:40:56,220

podcast water geologic odka Oh Hobbs

892

00:41:00,800 --> 00:40:58,590

pointless meanderings skeptical

893

00:41:03,200 --> 00:41:00,810

observations ridiculous musical

894

00:41:05,570 --> 00:41:03,210

interludes and not the hint of geology

895

00:41:07,970 --> 00:41:05,580

all right maybe a little bit Georgy

896

00:41:10,550 --> 00:41:07,980

what's not worth it a convert he's got

897

00:41:13,010 --> 00:41:10,560

the religious bore out of the week she

898

00:41:15,500 --> 00:41:13,020

has a ba braids jay-z lyrics food was

899

00:41:18,830 --> 00:41:15,510

asked George who cares what a boss of

900

00:41:20,930 --> 00:41:18,840

theistic fun oh good horoscope gotta be

901  
00:41:23,510 --> 00:41:20,940  
shot in the Bible morning girls it's all

902  
00:41:25,550 --> 00:41:23,520  
the science stupid Audrey adventures of

903  
00:41:27,380 --> 00:41:25,560  
the Philadelphia funk authority what

904  
00:41:29,450 --> 00:41:27,390  
Ukrainian boy playing drums the funk

905  
00:41:32,150 --> 00:41:29,460  
band must be fascinating o malli' back

906  
00:41:36,020 --> 00:41:32,160  
is appealing even a we beat grace that

907  
00:41:41,259 --> 00:41:36,030  
came in then oh my god guys good try

908  
00:41:41,269 --> 00:41:49,089  
the geologic podcast pointless but free

909  
00:41:49,099 --> 00:42:01,890  
children podcast

910  
00:42:07,390 --> 00:42:04,269  
well thank you for listening to this

911  
00:42:10,059 --> 00:42:07,400  
week's skeptic zone on next week's show

912  
00:42:12,309 --> 00:42:10,069  
the think tank returns and we might have

913  
00:42:16,029 --> 00:42:12,319

some very special guests coming up soon

914

00:42:18,880 --> 00:42:16,039

so stay tuned for that also don't forget

915

00:42:22,509 --> 00:42:18,890

that tickets for Tam London go on sale

916

00:42:23,979 --> 00:42:22,519

on Saturday May the 29th and I've just

917

00:42:26,829 --> 00:42:23,989

found out that I'm going to be at a

918

00:42:29,769 --> 00:42:26,839

conference in Wyoming two days before

919

00:42:31,660 --> 00:42:29,779

Tom London starts so I'm hoping I might

920

00:42:34,959 --> 00:42:31,670

be able to jump on a plane and make it

921

00:42:37,029 --> 00:42:34,969

all the way to Tam London now don't

922

00:42:39,130 --> 00:42:37,039

forget listeners that several members of

923

00:42:42,179 --> 00:42:39,140

the skeptic zone are going to be at tam

924

00:42:45,549 --> 00:42:42,189

8 in Las Vegas and that includes myself

925

00:42:48,130 --> 00:42:45,559

Joe Benna move Richard Saunders and Iran

926  
00:42:51,999 --> 00:42:48,140  
to give so look out for us in Las Vegas

927  
00:42:54,099 --> 00:42:52,009  
and finally Tom Australia is still

928  
00:42:56,859 --> 00:42:54,109  
coming up in november this year and

929  
00:42:59,650 --> 00:42:56,869  
tickets are going on sale very very soon

930  
00:43:01,870 --> 00:42:59,660  
so keep your eye on skeptics Comte you

931  
00:43:08,519 --> 00:43:01,880  
or if you're on twitter you can follow

932  
00:43:11,049 --> 00:43:08,529  
at aust skeptics that's a ust sk EPT ICS

933  
00:43:13,839 --> 00:43:11,059  
so that's all from me for this week's

934  
00:43:17,650 --> 00:43:13,849  
skeptic zone and Richard we hope you get

935  
00:43:23,680 --> 00:43:19,690  
you've been listening to the skeptic

936  
00:43:27,460 --> 00:43:23,690  
zone visit our website at [www skeptics](http://www.skeptics)

937  
00:43:30,689 --> 00:43:27,470  
on TV for comments contacts and extra

938  
00:43:30,699 --> 00:43:41,590

skin