

1  
00:00:05,929 --> 00:00:13,699  
welcome to the skeptic zone the podcast

2  
00:00:09,119 --> 00:00:13,699  
from Australia for science and reason

3  
00:00:22,429 --> 00:00:31,278  
hello and welcome to the skeptic zone

4  
00:00:25,170 --> 00:00:34,890  
episode number 283 for the 23rd of March

5  
00:00:31,278 --> 00:00:37,558  
2014 Richardson is here with you from

6  
00:00:34,890 --> 00:00:41,009  
Sydney Australia still humid folks oh

7  
00:00:37,558 --> 00:00:42,959  
boy still muggy it's the sort of weather

8  
00:00:41,009 --> 00:00:46,558  
that makes you want to move to a well I

9  
00:00:42,960 --> 00:00:48,600  
don't know Russia which is a interesting

10  
00:00:46,558 --> 00:00:51,539  
because today's first guest on the

11  
00:00:48,600 --> 00:00:54,320  
skeptic zone is a somebody new on the

12  
00:00:51,539 --> 00:00:56,910  
scene world new to me kir deal from

13  
00:00:54,320 --> 00:00:59,340  
Moscow he's going to tell us all about

14  
00:00:56,909 --> 00:01:02,698  
the Russian skeptics and their podcast

15  
00:00:59,340 --> 00:01:05,549  
now this is a first a Russian skeptic on

16  
00:01:02,698 --> 00:01:07,649  
the skeptic zone from russia with love

17  
00:01:05,549 --> 00:01:09,689  
we might say coming up to kick off the

18  
00:01:07,650 --> 00:01:11,010  
show following that it's a weekend signs

19  
00:01:09,688 --> 00:01:13,379  
from our good friends at the Royal

20  
00:01:11,010 --> 00:01:15,478  
Institution of Australia say it all

21  
00:01:13,379 --> 00:01:20,129  
together folks you must know it by now w

22  
00:01:15,478 --> 00:01:22,259  
WR IA us ova you I keep promising to go

23  
00:01:20,129 --> 00:01:24,509  
down there and lounge about the Royal

24  
00:01:22,259 --> 00:01:27,629  
Institution of Australia and make a pest

25  
00:01:24,509 --> 00:01:30,060  
of myself I'll I'll make good on that

26  
00:01:27,629 --> 00:01:31,560  
promise one day but can't wait to see

27  
00:01:30,060 --> 00:01:34,769  
what's happening this week in a week in

28  
00:01:31,560 --> 00:01:37,590  
science after that it's dr. Rachel ports

29

00:01:34,769 --> 00:01:40,590  
what an interesting dr. AG it's a blast

30  
00:01:37,590 --> 00:01:43,259  
from the past because so much has

31  
00:01:40,590 --> 00:01:44,880  
happened over the years of the skeptic

32  
00:01:43,259 --> 00:01:46,769  
zone in relation to the Australian

33  
00:01:44,879 --> 00:01:48,569  
vaccination network or as they call

34  
00:01:46,769 --> 00:01:52,250  
themselves now the Australian

35  
00:01:48,569 --> 00:01:52,250  
vaccination skeptics network

36  
00:01:53,379 --> 00:02:01,519  
I thought I would play from 2009 early

37  
00:01:58,250 --> 00:02:03,950  
2009 the very first time dr. Richie

38  
00:02:01,519 --> 00:02:08,329  
reported on the Australian vaccination

39  
00:02:03,950 --> 00:02:10,670  
network Wow a blast from the past one of

40  
00:02:08,330 --> 00:02:12,440  
the very first dr. eat cheese while she

41  
00:02:10,669 --> 00:02:13,909  
was doing in reports for a while but

42  
00:02:12,439 --> 00:02:15,919  
this is the one of the very first ones

43  
00:02:13,909 --> 00:02:18,770

where she mentions the Australian

44

00:02:15,919 --> 00:02:23,000  
vaccination networks so dr. Rachel

45

00:02:18,770 --> 00:02:25,820  
reporting from 2009 then to round off

46

00:02:23,000 --> 00:02:27,830  
the show another long-distance interview

47

00:02:25,819 --> 00:02:32,030  
I talked to Frank Mercia from the

48

00:02:27,830 --> 00:02:35,290  
Sacramento area skeptics and he's going

49

00:02:32,030 --> 00:02:38,199  
to tell us about the upcoming skip decal

50

00:02:35,289 --> 00:02:40,759  
skeptical now I've been to many are

51

00:02:38,199 --> 00:02:43,250  
skeptical conventions around the world

52

00:02:40,759 --> 00:02:45,169  
skeptical hours not one of them one year I

53

00:02:43,250 --> 00:02:48,800  
hope to make that one convention I have

54

00:02:45,169 --> 00:02:50,599  
been do twice very lucky QED in

55

00:02:48,800 --> 00:02:53,439  
Manchester in England that's coming up

56

00:02:50,599 --> 00:02:56,810  
next month and I'm delighted delighted

57

00:02:53,439 --> 00:02:59,539  
to say that our very own Iran sir give

58  
00:02:56,810 --> 00:03:01,969  
reporter on the skeptic zone and past

59  
00:02:59,539 --> 00:03:05,349  
president of Australian skeptics will be

60  
00:03:01,969 --> 00:03:08,030  
speaking at QED if you see him there

61  
00:03:05,349 --> 00:03:10,609  
please run up and say hello it's a

62  
00:03:08,030 --> 00:03:13,340  
lovely fellow a really good skeptic who

63  
00:03:10,610 --> 00:03:15,260  
does some marvelous work for the

64  
00:03:13,340 --> 00:03:17,959  
skeptical organization and knowledgeable

65  
00:03:15,259 --> 00:03:21,019  
and if you get a chance to hear him

66  
00:03:17,959 --> 00:03:23,060  
speak take it and if you get a chance to

67  
00:03:21,020 --> 00:03:25,610  
go to QED don't miss it it's one of the

68  
00:03:23,060 --> 00:03:27,199  
better skeptical conventions around the

69  
00:03:25,610 --> 00:03:29,660  
world and of course we can't go on

70  
00:03:27,199 --> 00:03:33,199  
without mentioning the amazing meeting

71  
00:03:29,659 --> 00:03:35,719  
I'm quite flattered to be on the line up

72  
00:03:33,199 --> 00:03:38,389  
once again this year in Las Vegas for

73  
00:03:35,719 --> 00:03:40,879  
more information head to the website of

74  
00:03:38,389 --> 00:03:44,509  
the James Randi Educational Foundation

75  
00:03:40,879 --> 00:03:46,729  
and I'm also thrilled to bits that a

76  
00:03:44,509 --> 00:03:48,590  
good friend of the skeptical movement in

77  
00:03:46,729 --> 00:03:52,518  
fact a former Australian skeptic of the

78  
00:03:48,590 --> 00:03:54,680  
year dr. Carlson iski will be at tam

79  
00:03:52,519 --> 00:03:57,379  
this year in Las Vegas with a host of

80  
00:03:54,680 --> 00:04:00,290  
other people wonderful lineup run to the

81  
00:03:57,379 --> 00:04:02,750  
J ref website get your tickets as soon

82  
00:04:00,289 --> 00:04:04,759  
as you can and i'll see you at the

83  
00:04:02,750 --> 00:04:06,050  
amazing meeting thank you for all those

84  
00:04:04,759 --> 00:04:07,068  
people who have been writing in with

85  
00:04:06,050 --> 00:04:10,519  
questions

86

00:04:07,068 --> 00:04:13,039  
for our good friend dr. Besh sub who is

87  
00:04:10,519 --> 00:04:17,449  
our right now locked up in the sort of a

88  
00:04:13,039 --> 00:04:20,269  
Mars simulation in the the desert neuter

89  
00:04:17,449 --> 00:04:23,240  
he'll be sending his reply to your

90  
00:04:20,269 --> 00:04:24,439  
questions hopefully very soon you know

91  
00:04:23,240 --> 00:04:26,900  
it takes a long while to get the

92  
00:04:24,439 --> 00:04:29,300  
messages back from Mars and i will read

93  
00:04:26,899 --> 00:04:31,250  
those out on next week's show those

94  
00:04:29,300 --> 00:04:33,009  
people in sydney there's still time for

95  
00:04:31,250 --> 00:04:35,750  
you to get your tickets for the upcoming

96  
00:04:33,009 --> 00:04:38,120  
sydney skeptics didn't talk on the

97  
00:04:35,750 --> 00:04:40,579  
twenty-ninth of march featuring cat and

98  
00:04:38,120 --> 00:04:42,949  
joshy talking at all about wind farm

99  
00:04:40,579 --> 00:04:45,529  
syndrome you can get your tickets at

100  
00:04:42,949 --> 00:04:48,288

skeptics Comte you and there will be a

101

00:04:45,529 --> 00:04:52,038

giveaway on that night of another cosmos

102

00:04:48,288 --> 00:04:54,918

prize pack consisting of a cosmos carry

103

00:04:52,038 --> 00:04:56,478

bag the cosmos book and some other

104

00:04:54,918 --> 00:04:59,569

goodies thanks to our friends at the

105

00:04:56,478 --> 00:05:01,879

National Geographic Channel and while

106

00:04:59,569 --> 00:05:04,370

you're at the the website of Australian

107

00:05:01,879 --> 00:05:07,098

skeptics for heaven's sake book your

108

00:05:04,370 --> 00:05:09,050

tickets for the 2014 Australian skeptics

109

00:05:07,098 --> 00:05:11,629

National Convention featuring the

110

00:05:09,050 --> 00:05:15,079

skeptics guide to the universe George

111

00:05:11,629 --> 00:05:17,719

arab dick smith a dr. Karl cousin iski

112

00:05:15,079 --> 00:05:20,629

and indeed again rachel dunlop will be

113

00:05:17,720 --> 00:05:23,259

giving a talk the list goes on get your

114

00:05:20,629 --> 00:05:25,339

tickets while they're hot as they say

115  
00:05:23,259 --> 00:05:27,319  
well it's time for me to run downstairs

116  
00:05:25,339 --> 00:05:29,168  
and gargle more whatever the hell I'm

117  
00:05:27,319 --> 00:05:33,259  
supposed to goggle because i'm

118  
00:05:29,168 --> 00:05:35,359  
ninety-five percent on my way to getting

119  
00:05:33,259 --> 00:05:37,280  
better after the nephew cold i got a

120  
00:05:35,360 --> 00:05:38,629  
couple weeks ago one of those rotten

121  
00:05:37,279 --> 00:05:40,939  
things that really hangs in there

122  
00:05:38,629 --> 00:05:44,449  
because you can probably hear look well

123  
00:05:40,939 --> 00:05:46,819  
i do that and ponder the universe as

124  
00:05:44,449 --> 00:05:48,970  
they say i'll let you enjoy the skeptics

125  
00:05:46,819 --> 00:05:48,969  
are

126  
00:06:05,230 --> 00:06:10,830  
from Russia

127  
00:06:08,050 --> 00:06:10,829  
with love

128  
00:06:11,500 --> 00:06:21,790  
I've fly to you

129  
00:06:16,089 --> 00:06:23,929  
much wiser since my

130  
00:06:21,790 --> 00:06:25,850  
you goodbye

131  
00:06:23,930 --> 00:06:28,129  
you know folks I've been to many places

132  
00:06:25,850 --> 00:06:30,530  
around the world I love traveling to see

133  
00:06:28,129 --> 00:06:33,978  
fellow skeptics and far-flung places

134  
00:06:30,529 --> 00:06:36,109  
like Scotland even no way United States

135  
00:06:33,978 --> 00:06:38,240  
wherever I can get to basically but you

136  
00:06:36,110 --> 00:06:41,270  
know one place I haven't been to is

137  
00:06:38,240 --> 00:06:44,150  
Russia Mother Russia and speaking to me

138  
00:06:41,269 --> 00:06:45,709  
from Mother Russia from Moscow to tell

139  
00:06:44,149 --> 00:06:47,870  
us all about the skeptical movement

140  
00:06:45,709 --> 00:06:51,978  
there and some other news it's curial

141  
00:06:47,870 --> 00:06:53,389  
hello Kirill hey Richard it's really

142  
00:06:51,978 --> 00:06:57,019  
great to talk with you you know you're

143

00:06:53,389 --> 00:06:58,430  
the first guest from Russia yeah it's

144  
00:06:57,019 --> 00:07:01,008  
nice to know actually they were getting

145  
00:06:58,430 --> 00:07:03,889  
out there yes well you came to my

146  
00:07:01,009 --> 00:07:05,660  
attention via the wonderful Susan Grbac

147  
00:07:03,889 --> 00:07:08,840  
who wrote to me suggesting that you

148  
00:07:05,660 --> 00:07:10,910  
might be someone who I could chat to and

149  
00:07:08,839 --> 00:07:13,250  
i'm very glad she did now you're in

150  
00:07:10,910 --> 00:07:17,240  
Moscow at the moment and has the weather

151  
00:07:13,250 --> 00:07:20,089  
in Moscow horrible if you're the pro

152  
00:07:17,240 --> 00:07:23,660  
well it depends because if if you're if

153  
00:07:20,089 --> 00:07:25,668  
you like snow and sudden cold weather

154  
00:07:23,660 --> 00:07:27,740  
then you're right but if you were like

155  
00:07:25,668 --> 00:07:29,750  
two weeks into spring and then suddenly

156  
00:07:27,740 --> 00:07:33,769  
you wake up and have snow outside your

157  
00:07:29,750 --> 00:07:38,149

window well so I'm a person who waits

158

00:07:33,769 --> 00:07:39,799

for summer I'm the summer guy so not so

159

00:07:38,149 --> 00:07:42,288

good for me but hopefully they say it's

160

00:07:39,800 --> 00:07:44,240

going to be better well we've we've had

161

00:07:42,288 --> 00:07:45,800

enough summer here in sydney i think i

162

00:07:44,240 --> 00:07:48,918

can tell you i'll send you some summer

163

00:07:45,800 --> 00:07:50,389

heat and humidity to uh to russia and

164

00:07:48,918 --> 00:07:54,319

you can send me some nice cool weather

165

00:07:50,389 --> 00:07:56,120

down here yeah i actually actually have

166

00:07:54,319 --> 00:07:59,509

a friend in australia who said he can

167

00:07:56,120 --> 00:08:01,250

swap said yeah let's go let's go but i

168

00:07:59,509 --> 00:08:03,259

think that's an excellent idea now what

169

00:08:01,250 --> 00:08:05,029

can you tell me about the skeptical

170

00:08:03,259 --> 00:08:07,158

movement in russia and I'll say that I

171

00:08:05,029 --> 00:08:09,049

know very little about it but I do

172  
00:08:07,158 --> 00:08:11,300  
remember seeing and I think it's online

173  
00:08:09,050 --> 00:08:13,129  
an interesting documentary called

174  
00:08:11,300 --> 00:08:15,288  
secrets of the psychics made many years

175  
00:08:13,129 --> 00:08:18,680  
ago where James Randi actually went to

176  
00:08:15,288 --> 00:08:21,079  
Russia yeah I saw that I was well and it

177  
00:08:18,680 --> 00:08:24,319  
was interesting because skeptics

178  
00:08:21,079 --> 00:08:27,740  
movement in Russia basically doesn't

179  
00:08:24,319 --> 00:08:32,408  
exist yet so as a movement I say that

180  
00:08:27,740 --> 00:08:35,269  
were like very very early on right now

181  
00:08:32,408 --> 00:08:37,549  
and it's interesting because we can

182  
00:08:35,269 --> 00:08:40,009  
compare that situation to the

183  
00:08:37,549 --> 00:08:42,528  
english-speaking world where they

184  
00:08:40,009 --> 00:08:45,049  
started like in the seventies in the 80s

185  
00:08:42,528 --> 00:08:47,360  
yeah we're internet was not around I and

186  
00:08:45,049 --> 00:08:50,809  
that's my interpretation of wise that is

187  
00:08:47,360 --> 00:08:53,330  
going on is that nowadays by a movement

188  
00:08:50,809 --> 00:08:55,338  
people typically think that they have to

189  
00:08:53,330 --> 00:08:56,959  
make a website they have to start

190  
00:08:55,339 --> 00:08:58,940  
posting articles or something and

191  
00:08:56,958 --> 00:09:02,958  
especially people are taking advantage

192  
00:08:58,940 --> 00:09:06,140  
of social networks Facebook or in Russia

193  
00:09:02,958 --> 00:09:10,189  
the main network is like Vkontakte it's

194  
00:09:06,139 --> 00:09:13,429  
like Russian Facebook and so a lot of

195  
00:09:10,190 --> 00:09:17,029  
the what the so-called movement is on

196  
00:09:13,429 --> 00:09:19,939  
the social networks so those are groups

197  
00:09:17,028 --> 00:09:21,500  
dedicated to promoting science those are

198  
00:09:19,940 --> 00:09:26,870  
groups dedicated to promoting critical

199  
00:09:21,500 --> 00:09:29,149  
thinking but the way I see it that's not

200

00:09:26,870 --> 00:09:32,269  
a movement yet because most of these

201  
00:09:29,149 --> 00:09:34,700  
people are not going offline and the

202  
00:09:32,269 --> 00:09:37,778  
problem that I see here is that most of

203  
00:09:34,700 --> 00:09:41,000  
the skeptical activism is a flying and

204  
00:09:37,778 --> 00:09:45,289  
people go to our alternative medicine

205  
00:09:41,000 --> 00:09:48,259  
doctors offline they are going and doing

206  
00:09:45,289 --> 00:09:51,019  
some religious stuff offline and so

207  
00:09:48,259 --> 00:09:54,019  
while online is good as an informational

208  
00:09:51,019 --> 00:09:56,870  
carrier so to speak but there is almost

209  
00:09:54,019 --> 00:09:59,059  
zero activity offline and so when Randy

210  
00:09:56,870 --> 00:10:02,000  
came to Russia he actually talked to

211  
00:09:59,059 --> 00:10:04,578  
people you know that's almost unheard of

212  
00:10:02,000 --> 00:10:08,990  
yet and just we're just making first

213  
00:10:04,578 --> 00:10:10,669  
steps to going offline and a year ago is

214  
00:10:08,990 --> 00:10:12,500

basically where we started because

215

00:10:10,669 --> 00:10:16,309  
tomorrow actually is one year of

216

00:10:12,500 --> 00:10:19,309  
skeptics society Russia we're not yet

217

00:10:16,309 --> 00:10:22,939  
like a registered non-commercial

218

00:10:19,309 --> 00:10:26,778  
organization yet but we are very much

219

00:10:22,940 --> 00:10:28,540  
formed I believe at this point so we're

220

00:10:26,778 --> 00:10:31,220  
worth once we're taking things apply

221

00:10:28,539 --> 00:10:33,620  
mostly that's that's really good to hear

222

00:10:31,220 --> 00:10:35,720  
and it's interesting and you've got me

223

00:10:33,620 --> 00:10:37,940  
thinking about that documentary to now I

224

00:10:35,720 --> 00:10:39,740  
I was fascinated when I saw it

225

00:10:37,940 --> 00:10:43,040  
originally because Randy went to Russia

226

00:10:39,740 --> 00:10:45,440  
not long after the really the collapse

227

00:10:43,039 --> 00:10:48,379  
of the Soviet Union and he discovered a

228

00:10:45,440 --> 00:10:50,750  
lot of mysticism and very strange

229  
00:10:48,379 --> 00:10:51,409  
practices what's the story like now in

230  
00:10:50,750 --> 00:10:55,370  
Russia's

231  
00:10:51,409 --> 00:10:57,759  
as the scientific method as it become

232  
00:10:55,370 --> 00:11:00,078  
more apparent or is there still lots of

233  
00:10:57,759 --> 00:11:03,800  
what we might call woo woo and

234  
00:11:00,078 --> 00:11:05,508  
interesting things going on well in that

235  
00:11:03,799 --> 00:11:08,809  
regard I think every country in the

236  
00:11:05,509 --> 00:11:11,360  
world is pretty much about the same that

237  
00:11:08,809 --> 00:11:14,799  
many many people believe in like there

238  
00:11:11,360 --> 00:11:17,899  
is superstition to this or that level

239  
00:11:14,799 --> 00:11:21,409  
even if a person is very well educated I

240  
00:11:17,899 --> 00:11:24,740  
think it's very probable that you will

241  
00:11:21,409 --> 00:11:27,620  
find he believes some who and so in

242  
00:11:24,740 --> 00:11:31,399  
Russia in the beginning of the 90s there

243  
00:11:27,620 --> 00:11:33,500  
was like a surge of New Age stuff so

244  
00:11:31,399 --> 00:11:36,350  
things that happened in united states

245  
00:11:33,500 --> 00:11:40,399  
like in 70s with Uri Geller and all that

246  
00:11:36,350 --> 00:11:42,649  
stuff in Russia came over only by the

247  
00:11:40,399 --> 00:11:46,458  
end of 80s in the beginning of 90s and

248  
00:11:42,649 --> 00:11:50,240  
so many many new age healers and people

249  
00:11:46,458 --> 00:11:54,369  
of that sort they began to have TV time

250  
00:11:50,240 --> 00:11:58,879  
like they appeared in the medium and

251  
00:11:54,370 --> 00:12:04,039  
today that sort of new wave that wave

252  
00:11:58,879 --> 00:12:06,438  
has ceased but that's I think the

253  
00:12:04,039 --> 00:12:09,318  
difficulty of this is that it didn't go

254  
00:12:06,438 --> 00:12:13,159  
away it went on to the Internet it went

255  
00:12:09,318 --> 00:12:17,719  
on basically from huge TV shows to small

256  
00:12:13,159 --> 00:12:21,610  
TV shows and so we probably don't have a

257

00:12:17,720 --> 00:12:25,160  
big New Age name right now or a big

258  
00:12:21,610 --> 00:12:27,919  
psychic but we have many many many small

259  
00:12:25,159 --> 00:12:31,188  
ones and we have known psychics in the

260  
00:12:27,919 --> 00:12:34,278  
past also like right now be among the

261  
00:12:31,188 --> 00:12:36,588  
small ones and those of them who are

262  
00:12:34,278 --> 00:12:38,179  
very popular they still continue to be

263  
00:12:36,589 --> 00:12:41,089  
popular and they still continue to

264  
00:12:38,179 --> 00:12:44,359  
gather huge audiences for their meetings

265  
00:12:41,089 --> 00:12:46,939  
and talks but they're just not as seen

266  
00:12:44,360 --> 00:12:51,259  
as we have seen that before just to give

267  
00:12:46,938 --> 00:12:55,549  
you an example for example today a band

268  
00:12:51,259 --> 00:12:59,000  
of Beatles level is hardly possible but

269  
00:12:55,549 --> 00:13:01,938  
not because we can't produce good music

270  
00:12:59,000 --> 00:13:05,269  
but because the taste and the technology

271  
00:13:01,938 --> 00:13:07,219

allows people to listen to so many stuff

272

00:13:05,269 --> 00:13:09,769

it's almost inconceivable that we can

273

00:13:07,220 --> 00:13:12,410

have just one band and so the same has

274

00:13:09,769 --> 00:13:14,269

happened with you aah healers so many of

275

00:13:12,409 --> 00:13:16,639

them that it's right now pretty

276

00:13:14,269 --> 00:13:19,189

unthinkable that just one of them will

277

00:13:16,639 --> 00:13:21,980

pop out yeah that that's interesting I

278

00:13:19,190 --> 00:13:24,290

mean again my only frame of reference

279

00:13:21,980 --> 00:13:26,120

really is watching that documentary

280

00:13:24,289 --> 00:13:30,259

and if listeners want to see that it is

281

00:13:26,120 --> 00:13:32,570

on online on YouTube just run a google

282

00:13:30,259 --> 00:13:35,600

search for secrets of the psychics or I

283

00:13:32,570 --> 00:13:37,610

think even James Randi and Russia should

284

00:13:35,600 --> 00:13:40,490

to do it for you and you can have a look

285

00:13:37,610 --> 00:13:42,919

at that but it does I do find it

286  
00:13:40,490 --> 00:13:44,930  
interesting who are the names anyway in

287  
00:13:42,919 --> 00:13:48,259  
Russia at the moment whoo-hoo the

288  
00:13:44,929 --> 00:13:50,689  
average Russian may have heard of well

289  
00:13:48,259 --> 00:13:53,000  
one of the guys who has been around a

290  
00:13:50,690 --> 00:13:56,060  
lot in the 90s and who's still around a

291  
00:13:53,000 --> 00:13:58,820  
little bit is coach Borowski so he was

292  
00:13:56,059 --> 00:14:01,039  
the guy who like would put music on and

293  
00:13:58,820 --> 00:14:04,370  
he would speak things and he would sort

294  
00:14:01,039 --> 00:14:07,159  
of hypnotize you and he would say that

295  
00:14:04,370 --> 00:14:10,519  
you heal and that just from listening to

296  
00:14:07,159 --> 00:14:13,549  
his like broadcasts or if you come over

297  
00:14:10,519 --> 00:14:16,189  
and participate in broadcast that that

298  
00:14:13,549 --> 00:14:18,679  
would heal you and I remember our family

299  
00:14:16,190 --> 00:14:20,630  
actually going to one of those and I

300  
00:14:18,679 --> 00:14:23,239  
remember just falling asleep I was a kid

301  
00:14:20,629 --> 00:14:25,789  
that ran I don't remember being healed

302  
00:14:23,240 --> 00:14:29,480  
from anything nor I remember being ill

303  
00:14:25,789 --> 00:14:32,000  
from anything but you know and they're

304  
00:14:29,480 --> 00:14:35,029  
on their way maybe he healed you the

305  
00:14:32,000 --> 00:14:37,279  
insomnia yeah exactly exactly that you

306  
00:14:35,029 --> 00:14:39,019  
you could put it that way or he could

307  
00:14:37,279 --> 00:14:42,019  
have healed me from an illness

308  
00:14:39,019 --> 00:14:44,689  
previously not known to mankind and not

309  
00:14:42,019 --> 00:14:47,569  
going to me at the moment so you can in

310  
00:14:44,690 --> 00:14:50,840  
that people never tell the other great

311  
00:14:47,570 --> 00:14:52,879  
guy who's still around and who who still

312  
00:14:50,840 --> 00:14:57,769  
does a lot of very funny things is a

313  
00:14:52,879 --> 00:15:02,720  
launch amok and he is I think he is one

314

00:14:57,769 --> 00:15:06,649  
of the how to put it unique people he

315  
00:15:02,720 --> 00:15:09,139  
was actually able to fill his uh he

316  
00:15:06,649 --> 00:15:12,110  
could fill his broadcast with just

317  
00:15:09,139 --> 00:15:14,210  
silence so his idea was that i will now

318  
00:15:12,110 --> 00:15:17,360  
heal you all you have to do is just sit

319  
00:15:14,210 --> 00:15:18,660  
before the TV screen and i will just

320  
00:15:17,360 --> 00:15:20,850  
start moving

321  
00:15:18,659 --> 00:15:23,659  
hands around just don't look at me just

322  
00:15:20,850 --> 00:15:25,980  
see what's going on with your body and

323  
00:15:23,659 --> 00:15:28,769  
so I think that that's a great

324  
00:15:25,980 --> 00:15:31,019  
psychological device to sort of allow

325  
00:15:28,769 --> 00:15:34,709  
people to make up things for themselves

326  
00:15:31,019 --> 00:15:37,198  
and then for like about seven eight ten

327  
00:15:34,708 --> 00:15:40,049  
minutes you would sit there in total

328  
00:15:37,198 --> 00:15:43,669

silence and just make passes with his

329

00:15:40,049 --> 00:15:47,008

hands as if he's doing something and

330

00:15:43,669 --> 00:15:50,159

watching those videos right now I'm like

331

00:15:47,009 --> 00:15:52,470

fascinated I mean that's so artistically

332

00:15:50,159 --> 00:15:56,250

well put that's like so it wonderfully

333

00:15:52,470 --> 00:15:58,500

done and that actually works I mean I

334

00:15:56,250 --> 00:16:01,379

understand how that could work and

335

00:15:58,500 --> 00:16:03,419

people today people who are otherwise

336

00:16:01,379 --> 00:16:05,370

very intelligent people will tell me

337

00:16:03,419 --> 00:16:08,370

that well you know I have statistics

338

00:16:05,370 --> 00:16:12,060

that show that during his broadcasts

339

00:16:08,370 --> 00:16:15,810

there was very little emergency calls to

340

00:16:12,059 --> 00:16:18,809

doctors however the doctors themselves

341

00:16:15,809 --> 00:16:22,258

say yes sure this is a real statistic

342

00:16:18,809 --> 00:16:25,619

but about an hour after his broadcasts

343  
00:16:22,259 --> 00:16:28,139  
the emergency calls would just be it's

344  
00:16:25,620 --> 00:16:29,879  
interesting and you make a very

345  
00:16:28,139 --> 00:16:31,829  
interesting point there about people

346  
00:16:29,879 --> 00:16:33,149  
sort of being people more or less the

347  
00:16:31,828 --> 00:16:36,719  
same all around the world where

348  
00:16:33,149 --> 00:16:39,568  
seemingly intelligent people some of

349  
00:16:36,720 --> 00:16:41,069  
them can really believe in this no

350  
00:16:39,568 --> 00:16:43,049  
matter what it is if it's some guys

351  
00:16:41,068 --> 00:16:44,969  
sitting on the TV waving his hands or

352  
00:16:43,049 --> 00:16:47,188  
broadcasting silence no matter what it

353  
00:16:44,970 --> 00:16:51,360  
is I guess we're not all that different

354  
00:16:47,188 --> 00:16:54,539  
after all sherlyn bear regard that's

355  
00:16:51,360 --> 00:16:58,318  
that's for sure I mean the brain is the

356  
00:16:54,539 --> 00:17:01,289  
brain yeah it's in no matter where you

357  
00:16:58,318 --> 00:17:02,818  
are in the world now I've had just

358  
00:17:01,289 --> 00:17:04,709  
having a look at your website at the

359  
00:17:02,818 --> 00:17:07,740  
moment and if folks want to have a visit

360  
00:17:04,709 --> 00:17:10,318  
them the URLs very easy just type in

361  
00:17:07,740 --> 00:17:12,808  
just type in skeptics society dot are

362  
00:17:10,318 --> 00:17:14,970  
you it's in Russian but you click the

363  
00:17:12,808 --> 00:17:17,338  
English button and suddenly it pops up

364  
00:17:14,970 --> 00:17:21,900  
in English and I noticed that you've got

365  
00:17:17,338 --> 00:17:25,379  
a podcast that's right we're doing that

366  
00:17:21,900 --> 00:17:27,480  
podcast like almost for a year but it's

367  
00:17:25,380 --> 00:17:31,230  
like about nine month it's a weekly

368  
00:17:27,480 --> 00:17:32,610  
podcast called skeptic and it's uh it's

369  
00:17:31,230 --> 00:17:36,269  
about skepticism

370  
00:17:32,609 --> 00:17:37,649  
ions and just for for anybody who really

371

00:17:36,269 --> 00:17:40,349  
wants to listen to that kind of stuff

372  
00:17:37,650 --> 00:17:43,048  
bring any russian-speaking skeptic and

373  
00:17:40,349 --> 00:17:46,259  
so far so as far as we know it's the

374  
00:17:43,048 --> 00:17:50,250  
only regular podcast dedicated to

375  
00:17:46,259 --> 00:17:53,670  
skepticism in Russia so or should I say

376  
00:17:50,250 --> 00:17:55,619  
the russian-speaking world that's i'm

377  
00:17:53,670 --> 00:17:58,950  
d'lai I'm delighted to learn about that

378  
00:17:55,619 --> 00:18:00,359  
because I love to promote other podcasts

379  
00:17:58,950 --> 00:18:04,259  
and other groups from around the world

380  
00:18:00,359 --> 00:18:06,509  
I've running promotions for podcasts

381  
00:18:04,259 --> 00:18:08,609  
from Ireland from Norway from France

382  
00:18:06,509 --> 00:18:11,099  
other places around the world the United

383  
00:18:08,609 --> 00:18:12,839  
States of course Canada now I can add

384  
00:18:11,099 --> 00:18:16,469  
Russia to the list I'm quite pleased

385  
00:18:12,839 --> 00:18:19,079

about that yeah actually we also love to

386

00:18:16,470 --> 00:18:20,100

promote podcasts and Russia like hey

387

00:18:19,079 --> 00:18:23,039

guys we don't want to be the only

388

00:18:20,099 --> 00:18:25,168

podcast we want to live in a world where

389

00:18:23,039 --> 00:18:27,899

there are thousands of podcasts

390

00:18:25,169 --> 00:18:30,030

dedicated to skepticism but you know

391

00:18:27,900 --> 00:18:34,169

it's it's also of course very good to be

392

00:18:30,029 --> 00:18:36,808

the first ones so it's yeah and also the

393

00:18:34,169 --> 00:18:39,450

podcast is a very very good device to

394

00:18:36,808 --> 00:18:41,910

build a community because imagine a

395

00:18:39,450 --> 00:18:46,169

person who became a skeptic recently and

396

00:18:41,910 --> 00:18:49,200

he is he really is surrounded by people

397

00:18:46,169 --> 00:18:51,960

who are not interested or maybe who

398

00:18:49,200 --> 00:18:55,230

believe a lot of superstition a lot of

399

00:18:51,960 --> 00:18:58,350

supernatural things and so he's able to

400  
00:18:55,230 --> 00:19:00,900  
put that podcast on and like hear people

401  
00:18:58,349 --> 00:19:02,159  
who think the same way he does and I

402  
00:19:00,900 --> 00:19:05,850  
think that there are really unites

403  
00:19:02,160 --> 00:19:08,400  
people so apart guest was a project that

404  
00:19:05,849 --> 00:19:10,529  
I do we had to do very early on and so

405  
00:19:08,400 --> 00:19:14,070  
we're doing that and we're enjoying that

406  
00:19:10,529 --> 00:19:17,789  
and as being a host of a podcast allows

407  
00:19:14,069 --> 00:19:19,950  
you to learn a lot of thing thanks oh it

408  
00:19:17,789 --> 00:19:22,079  
certainly does I can vouch for that I'm

409  
00:19:19,950 --> 00:19:24,390  
also interested to see on your website

410  
00:19:22,079 --> 00:19:29,428  
you have a collection of videos as well

411  
00:19:24,390 --> 00:19:32,030  
oh yeah though actually when I started

412  
00:19:29,429 --> 00:19:36,870  
making that weapon so I like a month ago

413  
00:19:32,029 --> 00:19:38,369  
and so it's a very new stuff right we

414  
00:19:36,869 --> 00:19:40,319  
decided just as I told earlier we

415  
00:19:38,369 --> 00:19:42,959  
decided to move away from social

416  
00:19:40,319 --> 00:19:44,730  
networks and sort of build a website

417  
00:19:42,960 --> 00:19:46,410  
which is like more static HTML and

418  
00:19:44,730 --> 00:19:48,990  
something that people would wind through

419  
00:19:46,410 --> 00:19:51,930  
googoo so I think that that information

420  
00:19:48,990 --> 00:19:53,700  
should stay on a static website rather

421  
00:19:51,930 --> 00:19:57,120  
than you know like the newsfeed of

422  
00:19:53,700 --> 00:19:59,640  
social network and so once having done

423  
00:19:57,119 --> 00:20:02,039  
the website I was amazed that we are

424  
00:19:59,640 --> 00:20:04,410  
actually during this year we produced a

425  
00:20:02,039 --> 00:20:06,569  
lot of things and videos are one of them

426  
00:20:04,410 --> 00:20:09,090  
we started doing videos like in autumn

427  
00:20:06,569 --> 00:20:12,450  
and you know that's like very new things

428

00:20:09,089 --> 00:20:14,849  
like a young society which began to

429  
00:20:12,450 --> 00:20:17,160  
produce videos and we're like very happy

430  
00:20:14,849 --> 00:20:19,169  
about it making those first steps but

431  
00:20:17,160 --> 00:20:22,110  
yeah so we're doing we've made some

432  
00:20:19,170 --> 00:20:24,810  
short videos short clips you know like

433  
00:20:22,109 --> 00:20:30,719  
similar to big thing just speaking about

434  
00:20:24,809 --> 00:20:33,089  
things and also we began to do a little

435  
00:20:30,720 --> 00:20:36,509  
bit like the same thing as a podcast but

436  
00:20:33,089 --> 00:20:39,389  
in video format it's not a regular

437  
00:20:36,509 --> 00:20:40,740  
though because as you probably a podcast

438  
00:20:39,390 --> 00:20:42,960  
or yourself you know that if you're

439  
00:20:40,740 --> 00:20:46,470  
producing something regularly it has to

440  
00:20:42,960 --> 00:20:50,190  
be easy enough to be feasible for a long

441  
00:20:46,470 --> 00:20:53,339  
time and so doing an audio podcast

442  
00:20:50,190 --> 00:20:55,500

weekly is challenge enough so we thought

443

00:20:53,339 --> 00:20:58,529

that if we were ever to make video

444

00:20:55,500 --> 00:21:01,049

podcast weekly we would first of all

445

00:20:58,529 --> 00:21:04,170

have to give up the audio podcast and we

446

00:21:01,049 --> 00:21:07,230

would also have to have some staff that

447

00:21:04,170 --> 00:21:08,970

would help us out because right now I'm

448

00:21:07,230 --> 00:21:10,920

the only one producing doing the

449

00:21:08,970 --> 00:21:14,220

production work and that's kind of tough

450

00:21:10,920 --> 00:21:19,950

I think you sound like the Russian

451

00:21:14,220 --> 00:21:21,839

Richard Saunders to me oh yeah I I know

452

00:21:19,950 --> 00:21:23,460

what you're saying because I used this

453

00:21:21,839 --> 00:21:26,069

show before it became an audio podcast

454

00:21:23,460 --> 00:21:29,160

was actually a video show and that was

455

00:21:26,069 --> 00:21:30,419

um that took up so much time but I in

456

00:21:29,160 --> 00:21:32,640

the six years I've been doing this show

457  
00:21:30,420 --> 00:21:34,200  
I think audio is better because people

458  
00:21:32,640 --> 00:21:36,240  
can listen to it in their cars and on

459  
00:21:34,200 --> 00:21:38,160  
the train or jogging or walking the dog

460  
00:21:36,240 --> 00:21:40,829  
or cleaning their bathroom or or

461  
00:21:38,160 --> 00:21:42,690  
whatever they're doing so I like the

462  
00:21:40,829 --> 00:21:44,639  
podcast format but I'm delighted to see

463  
00:21:42,690 --> 00:21:46,529  
all the things on your website the video

464  
00:21:44,640 --> 00:21:48,360  
collection is quite interesting you've

465  
00:21:46,529 --> 00:21:50,579  
got lectures and debates and short clips

466  
00:21:48,359 --> 00:21:52,409  
and things like that and do you actually

467  
00:21:50,579 --> 00:21:54,990  
get together with your fellow skeptics

468  
00:21:52,410 --> 00:21:56,580  
in Russia yeah sure I mean that's I

469  
00:21:54,990 --> 00:21:59,009  
think that's the trademark of the

470  
00:21:56,579 --> 00:21:59,849  
beginning of skeptical movement is that

471  
00:21:59,009 --> 00:22:02,009  
we have

472  
00:21:59,849 --> 00:22:05,308  
bi-weekly meetings and that's how the

473  
00:22:02,009 --> 00:22:07,829  
skeptics society has was started and

474  
00:22:05,308 --> 00:22:10,259  
those meetings are held in moscow

475  
00:22:07,829 --> 00:22:12,298  
currently we're also trying to organize

476  
00:22:10,259 --> 00:22:13,829  
meetings in other cities and get to

477  
00:22:12,298 --> 00:22:16,589  
other cities trying to do that as well

478  
00:22:13,829 --> 00:22:19,199  
right now so yeah bi-weekly meetings i

479  
00:22:16,589 --> 00:22:22,769  
mean i like about 30 sometimes in 40

480  
00:22:19,200 --> 00:22:26,429  
people coming over listen I'm delighted

481  
00:22:22,769 --> 00:22:30,058  
to to discover your organization and

482  
00:22:26,429 --> 00:22:32,190  
your podcast I hope that you get lots

483  
00:22:30,058 --> 00:22:33,869  
more people interested now all around

484  
00:22:32,190 --> 00:22:36,360  
the world the russian-speaking people

485

00:22:33,869 --> 00:22:39,058  
who might hear about it by the skeptic

486  
00:22:36,359 --> 00:22:41,548  
zone and all I can do is wish you every

487  
00:22:39,058 --> 00:22:43,470  
success and we'll catch up and the

488  
00:22:41,548 --> 00:22:46,200  
not-too-distant future to see how things

489  
00:22:43,470 --> 00:22:48,319  
are going great great thanks a lot for

490  
00:22:46,200 --> 00:22:48,319  
them

491  
00:23:06,380 --> 00:23:15,510  
rust three Lucy I mean as a video fear

492  
00:23:13,950 --> 00:23:17,490  
of the Islamic law be so skeptical

493  
00:23:15,509 --> 00:23:19,289  
Mousavi almost on our show stage Kat

494  
00:23:17,490 --> 00:23:21,000  
Robichaud carded we need ye lumis clear

495  
00:23:19,289 --> 00:23:22,678  
it algebra crush on pollution our

496  
00:23:21,000 --> 00:23:24,900  
podcast Petrova hooded garden Indian

497  
00:23:22,679 --> 00:23:26,460  
what customs White's escaped aside a

498  
00:23:24,900 --> 00:23:29,190  
cutter bomber still not inertia dayton

499  
00:23:26,460 --> 00:23:33,450

st attack wave over skeptics society

500

00:23:29,190 --> 00:23:35,130

coach guru everybody my name is Carol

501

00:23:33,450 --> 00:23:37,200

and i'm the founder of skeptics society

502

00:23:35,130 --> 00:23:39,270

russia come visit us in moscow and our

503

00:23:37,200 --> 00:23:40,650

bi-weekly meetings and also listen to

504

00:23:39,269 --> 00:23:42,509

our weekly podcast which is folks

505

00:23:40,650 --> 00:23:46,820

captive and the site where you can find

506

00:23:42,509 --> 00:23:46,819

all of that the skeptics society are you

507

00:23:54,950 --> 00:23:59,630

welcome to a week in science from our

508

00:23:57,349 --> 00:24:02,119

iOS bringing you the science you need to

509

00:23:59,630 --> 00:24:04,520

know diet seemed to fall in and out of

510

00:24:02,119 --> 00:24:08,109

fashion on a regular basis making it

511

00:24:04,519 --> 00:24:08,109

hard to pick fact fiction

512

00:24:08,419 --> 00:24:12,679

first let's look at the intermittent

513

00:24:10,519 --> 00:24:15,589

fasting principle which inspired the

514  
00:24:12,679 --> 00:24:17,629  
popular 52 diet basically you eat

515  
00:24:15,589 --> 00:24:20,569  
normally for five days of the week and

516  
00:24:17,628 --> 00:24:22,819  
eat just 500 to 600 calories on the

517  
00:24:20,569 --> 00:24:24,769  
other two days that's equal to just

518  
00:24:22,819 --> 00:24:27,319  
porridge with fruit for breakfast and

519  
00:24:24,769 --> 00:24:29,358  
vegetable soup for dinner studies using

520  
00:24:27,319 --> 00:24:31,898  
rodents have shown that a restricted

521  
00:24:29,358 --> 00:24:34,608  
calorie diet can help increase lifespan

522  
00:24:31,898 --> 00:24:36,918  
protect against cognitive decline like

523  
00:24:34,608 --> 00:24:39,888  
dementia and possibly protect against

524  
00:24:36,919 --> 00:24:43,970  
diabetes but these results haven't been

525  
00:24:39,888 --> 00:24:46,459  
shown in humans in fact a 2011 UK study

526  
00:24:43,970 --> 00:24:48,589  
found that intermittent fasting showed

527  
00:24:46,460 --> 00:24:51,499  
no greater weight loss or health benefit

528  
00:24:48,589 --> 00:24:53,689  
than a normal low-calorie diet fasting

529  
00:24:51,499 --> 00:24:56,149  
also tends to make people over eat on

530  
00:24:53,690 --> 00:24:58,460  
normal days and can lead to side effects

531  
00:24:56,148 --> 00:25:03,229  
such as dehydration extreme tiredness

532  
00:24:58,460 --> 00:25:05,389  
and anxiety next let's talk about the

533  
00:25:03,230 --> 00:25:08,720  
popular juice cleanse diet which was the

534  
00:25:05,388 --> 00:25:10,548  
second most googled in 2013 the idea is

535  
00:25:08,720 --> 00:25:13,129  
that you just drink fruit and vegetable

536  
00:25:10,548 --> 00:25:15,378  
juices for up to a week aiming to detox

537  
00:25:13,128 --> 00:25:17,449  
your body and kickstart weight loss it

538  
00:25:15,378 --> 00:25:19,969  
works out to about a thousand calories a

539  
00:25:17,450 --> 00:25:22,100  
day making it another starvation diet

540  
00:25:19,970 --> 00:25:25,009  
which accredited dieticians think are a

541  
00:25:22,099 --> 00:25:27,108  
terrible idea juice diets also claimed

542

00:25:25,009 --> 00:25:29,778  
that liquefying your food helps you to

543  
00:25:27,108 --> 00:25:32,388  
absorb nutrients more easily giving your

544  
00:25:29,778 --> 00:25:34,638  
guts of rest there is absolutely no

545  
00:25:32,388 --> 00:25:37,248  
scientific evidence to back these claims

546  
00:25:34,638 --> 00:25:39,199  
in fact juicing eliminates valuable

547  
00:25:37,249 --> 00:25:41,298  
antioxidants from the fruit skin and

548  
00:25:39,200 --> 00:25:44,600  
removes fiber which is essential for

549  
00:25:41,298 --> 00:25:46,960  
good digestion and now for diet detox

550  
00:25:44,599 --> 00:25:46,959  
facts

551  
00:25:46,990 --> 00:25:51,620  
Australians are expected to spend six

552  
00:25:49,519 --> 00:25:55,129  
point six billion dollars on the weight

553  
00:25:51,619 --> 00:25:57,679  
loss industry in the 2013-2014 financial

554  
00:25:55,130 --> 00:26:00,230  
year there is no evidence that detox

555  
00:25:57,680 --> 00:26:02,600  
diets do anything our liver skin

556  
00:26:00,230 --> 00:26:05,000

intestines and kidneys already filter

557

00:26:02,599 --> 00:26:08,119

waste products effectively making it a

558

00:26:05,000 --> 00:26:09,980

bit of a sham a 2007 study found that

559

00:26:08,119 --> 00:26:11,959

nearly thirty percent of food ads

560

00:26:09,980 --> 00:26:14,289

carried health claims that weren't

561

00:26:11,960 --> 00:26:17,269

allowed under current food standards and

562

00:26:14,289 --> 00:26:19,849

beware almost anyone can claim they are

563

00:26:17,269 --> 00:26:22,369

a dietician or nutritionist in Australia

564

00:26:19,849 --> 00:26:24,740

as they're not legally protected titles

565

00:26:22,369 --> 00:26:26,899

if you want a university qualified

566

00:26:24,740 --> 00:26:31,099

professional look for an accredited

567

00:26:26,900 --> 00:26:33,440

practising dietitian that's it for this

568

00:26:31,099 --> 00:26:35,779

week in science for more information on

569

00:26:33,440 --> 00:26:40,340

diets and detox go to the our oils

570

00:26:35,779 --> 00:26:43,129

website RI aus org do you follow us on

571  
00:26:40,339 --> 00:26:46,629  
Twitter and like us on Facebook I'm cure

572  
00:26:43,130 --> 00:26:46,630  
and groom and we'll catch you next week

573  
00:26:50,690 --> 00:26:55,039  
you've argued against the same woo so

574  
00:26:53,549 --> 00:26:57,569  
many times you can do it in your sleep

575  
00:26:55,039 --> 00:26:59,700  
we're trying to stop the nonsense one

576  
00:26:57,569 --> 00:27:02,460  
person at a time join guerrilla

577  
00:26:59,700 --> 00:27:04,259  
skepticism on Wikipedia help us make

578  
00:27:02,460 --> 00:27:06,630  
sure the best skeptical information is

579  
00:27:04,259 --> 00:27:09,869  
always at everyone's fingertips we need

580  
00:27:06,630 --> 00:27:12,240  
writers editors translators we need you

581  
00:27:09,869 --> 00:27:15,329  
and take as much or as little time as

582  
00:27:12,240 --> 00:27:17,490  
you can give us help us make Wikipedia

583  
00:27:15,329 --> 00:27:18,899  
as accurate as it can be and you'll

584  
00:27:17,490 --> 00:27:22,349  
literally be helping people while you

585  
00:27:18,900 --> 00:27:24,509  
sleep to join us or find out more send a

586  
00:27:22,349 --> 00:27:28,189  
facebook friend request to susan Berbick

587  
00:27:24,509 --> 00:27:37,289  
that's ger be IC guerrilla skepticism

588  
00:27:28,190 --> 00:27:42,200  
the time is now now it's time for dr.

589  
00:27:37,289 --> 00:27:42,200  
Richie reports with dr. Rachel Dunlop

590  
00:27:42,650 --> 00:27:48,540  
hello everyone and welcome to dr. Rachel

591  
00:27:45,450 --> 00:27:50,670  
reports with recent talk about how the

592  
00:27:48,539 --> 00:27:52,529  
anti-vaccine crowd have affected rates

593  
00:27:50,670 --> 00:27:54,808  
of vaccination in the UK and the states

594  
00:27:52,529 --> 00:27:56,819  
I thought it might be interesting to

595  
00:27:54,808 --> 00:28:00,178  
look closer to home to see how Australia

596  
00:27:56,819 --> 00:28:01,919  
stacks up this week Medicare which is

597  
00:28:00,179 --> 00:28:04,140  
Australia's government-run health body

598  
00:28:01,920 --> 00:28:06,870  
released figures from the Australian

599

00:28:04,140 --> 00:28:08,940  
childhood immunization register which

600  
00:28:06,869 --> 00:28:12,359  
details the rate of immunization in

601  
00:28:08,940 --> 00:28:15,509  
Australia the latest figures are from

602  
00:28:12,359 --> 00:28:18,359  
December 2008 and on the face of it it

603  
00:28:15,509 --> 00:28:20,700  
seems we are doing pretty well for kids

604  
00:28:18,359 --> 00:28:22,829  
aged up to 15 months the national

605  
00:28:20,700 --> 00:28:25,519  
average for immunization is ninety-one

606  
00:28:22,829 --> 00:28:29,308  
percent with the lowest levels being

607  
00:28:25,519 --> 00:28:31,200  
89.9 percent for Western Australia the

608  
00:28:29,308 --> 00:28:33,480  
national average falls to eighty eight

609  
00:28:31,200 --> 00:28:35,400  
point four percent in the up to five

610  
00:28:33,480 --> 00:28:37,170  
years old group with the lowest

611  
00:28:35,400 --> 00:28:40,620  
compliance of eighty five point five

612  
00:28:37,170 --> 00:28:42,300  
percent in South Australia but when you

613  
00:28:40,619 --> 00:28:44,339

consider that approximately ninety

614

00:28:42,299 --> 00:28:47,069

percent vaccination is needed to obtain

615

00:28:44,339 --> 00:28:49,169

herd immunity however this depends on

616

00:28:47,069 --> 00:28:52,558

the vaccine and the disease these

617

00:28:49,170 --> 00:28:54,150

figures are encouraging their Rob

618

00:28:52,558 --> 00:28:56,240

Menzies from the National Center for

619

00:28:54,150 --> 00:28:58,830

immunization research and surveillance

620

00:28:56,240 --> 00:28:59,788

said that in some cases where there are

621

00:28:58,829 --> 00:29:02,038

low vaccination

622

00:28:59,788 --> 00:29:03,960

rates these are often more prevalent

623

00:29:02,038 --> 00:29:06,118

we're well educated parents did their

624

00:29:03,960 --> 00:29:08,569

own research and believed the myths that

625

00:29:06,118 --> 00:29:11,189

vaccines did more harm than good and

626

00:29:08,569 --> 00:29:13,769

this was reflected in figures for

627

00:29:11,190 --> 00:29:15,869

Sydney's exclusive eastern suburbs which

628  
00:29:13,769 --> 00:29:19,710  
includes the Harborview well-to-do

629  
00:29:15,868 --> 00:29:21,329  
suburbs of Double Bay and for clues now

630  
00:29:19,710 --> 00:29:22,950  
these will rank the worst with only

631  
00:29:21,329 --> 00:29:25,710  
eighty percent of children in these

632  
00:29:22,950 --> 00:29:27,690  
areas being immunized and this was

633  
00:29:25,710 --> 00:29:30,119  
followed closely by the areas of lismore

634  
00:29:27,690 --> 00:29:32,129  
Alstonville and Byron Bay Witcher areas

635  
00:29:30,118 --> 00:29:35,668  
known for their alternative lifestyles

636  
00:29:32,128 --> 00:29:37,168  
so this is not a big surprise now since

637  
00:29:35,669 --> 00:29:39,330  
these figures have been released there

638  
00:29:37,169 --> 00:29:41,190  
has been much discussion and speculation

639  
00:29:39,329 --> 00:29:43,199  
about why the wealthy suburbs are

640  
00:29:41,190 --> 00:29:46,679  
seemingly less likely to get their kids

641  
00:29:43,200 --> 00:29:49,798  
vaccinated one journalist described the

642  
00:29:46,679 --> 00:29:53,249  
parents as selfish dummy mummies needing

643  
00:29:49,798 --> 00:29:55,259  
their conscience pricked Adele Horan

644  
00:29:53,249 --> 00:29:56,579  
doesn't beat around the bush she

645  
00:29:55,259 --> 00:29:59,460  
reported in The Sydney Morning Herald

646  
00:29:56,579 --> 00:30:01,829  
that these are women who spent too many

647  
00:29:59,460 --> 00:30:04,048  
hours on wacky internet health sites and

648  
00:30:01,829 --> 00:30:07,618  
become convinced that immunization is a

649  
00:30:04,048 --> 00:30:10,408  
great conspiracy she further described

650  
00:30:07,618 --> 00:30:11,548  
these parents as the educated mother who

651  
00:30:10,409 --> 00:30:13,169  
thinks she knows better than the

652  
00:30:11,548 --> 00:30:16,229  
overwhelming majority of the world's

653  
00:30:13,169 --> 00:30:17,849  
scientists and doctors and as you can

654  
00:30:16,229 --> 00:30:21,330  
imagine she received some pretty nasty

655  
00:30:17,848 --> 00:30:24,210  
letters the following day she also said

656

00:30:21,329 --> 00:30:26,069  
this around the world resistance to

657  
00:30:24,210 --> 00:30:29,399  
vaccination is strongest amongst the

658  
00:30:26,069 --> 00:30:32,009  
affluent and educated these statements

659  
00:30:29,398 --> 00:30:33,569  
are supported by arthur allen author of

660  
00:30:32,009 --> 00:30:36,929  
the book vaccine a history of

661  
00:30:33,569 --> 00:30:38,939  
immunization he observed that living in

662  
00:30:36,929 --> 00:30:41,509  
a place with a high percentage of PhDs

663  
00:30:38,940 --> 00:30:45,210  
is a risk factor for whooping cough

664  
00:30:41,509 --> 00:30:47,339  
skating stuff indeed but in a case of

665  
00:30:45,210 --> 00:30:49,200  
backward logic the anti vectors have

666  
00:30:47,339 --> 00:30:52,678  
actually claimed this for themselves

667  
00:30:49,200 --> 00:30:54,929  
loudly proclaiming parents continue to

668  
00:30:52,679 --> 00:30:57,419  
be accused of being ignorant uncaring

669  
00:30:54,929 --> 00:30:59,129  
and stupid for refusing vaccines which

670  
00:30:57,419 --> 00:31:01,379

the medical community claim will keep

671

00:30:59,128 --> 00:31:04,228

their children healthy when the truth is

672

00:31:01,378 --> 00:31:08,069

older highly educated parents form the

673

00:31:04,229 --> 00:31:09,509

basis of the anti immunization Lobby not

674

00:31:08,069 --> 00:31:11,878

something to be proud of I would have

675

00:31:09,509 --> 00:31:13,650

thought however one wonders if these are

676

00:31:11,878 --> 00:31:16,230

the parents glued to morning television

677

00:31:13,650 --> 00:31:18,210

where the likes of merrill diary from

678

00:31:16,230 --> 00:31:20,279

the Australian vaccination network can

679

00:31:18,210 --> 00:31:23,759

regularly be seen spouting her

680

00:31:20,279 --> 00:31:25,589

misinformed anti-vaccine on sense yes

681

00:31:23,759 --> 00:31:28,190

people we have our own version of jenny

682

00:31:25,589 --> 00:31:31,230

mccarthy in Australia we are not immune

683

00:31:28,190 --> 00:31:33,420

now the innocuous Lee titled Australian

684

00:31:31,230 --> 00:31:35,670

vaccination Network fronted by the

685  
00:31:33,420 --> 00:31:38,370  
screeching Merrill dory go by the

686  
00:31:35,670 --> 00:31:41,370  
catchphrase love them protects them

687  
00:31:38,369 --> 00:31:43,169  
never inject them she is regularly given

688  
00:31:41,369 --> 00:31:45,539  
a platform on morning television shows

689  
00:31:43,170 --> 00:31:48,330  
in Australia such as mornings with

690  
00:31:45,539 --> 00:31:50,009  
kerri-anne Kennerley in defense of

691  
00:31:48,329 --> 00:31:52,139  
kerri-anne Kennerley they usually have a

692  
00:31:50,009 --> 00:31:55,379  
representative from the sensible side in

693  
00:31:52,140 --> 00:31:57,810  
this case dr. penny Adams however just

694  
00:31:55,380 --> 00:32:00,060  
like the overseas breeds Meryl is not

695  
00:31:57,809 --> 00:32:03,299  
shy about exposing her ignorance to a

696  
00:32:00,059 --> 00:32:05,279  
national audience well what's wrong with

697  
00:32:03,299 --> 00:32:06,659  
vaccinator well I don't think there's

698  
00:32:05,279 --> 00:32:08,519  
anything wrong with the idea of

699  
00:32:06,660 --> 00:32:10,170  
vaccinations but unfortunately there

700  
00:32:08,519 --> 00:32:12,180  
isn't a whole lot of science to back it

701  
00:32:10,170 --> 00:32:14,130  
up dr. penny said that if we get enough

702  
00:32:12,180 --> 00:32:17,160  
people vaccinated will see the disease's

703  
00:32:14,130 --> 00:32:18,840  
wiped out I'm Canadian and I don't want

704  
00:32:17,160 --> 00:32:20,519  
to seem to interrupt but you say not

705  
00:32:18,839 --> 00:32:22,649  
enough science to back it up I'm a

706  
00:32:20,519 --> 00:32:25,230  
layperson I don't know this information

707  
00:32:22,650 --> 00:32:28,470  
says we've been polio-free since 2000

708  
00:32:25,230 --> 00:32:31,200  
that to me says there's a bit of science

709  
00:32:28,470 --> 00:32:33,960  
that polio vaccinations were need i say

710  
00:32:31,200 --> 00:32:36,509  
more however as a further demonstration

711  
00:32:33,960 --> 00:32:38,190  
of how little the Australian vaccination

712  
00:32:36,509 --> 00:32:40,440  
network understand about science and

713

00:32:38,190 --> 00:32:43,559  
medicine i will use an article written

714  
00:32:40,440 --> 00:32:47,700  
by them known as 10 reasons why not to

715  
00:32:43,559 --> 00:32:51,000  
vaccinate reason one vaccines have never

716  
00:32:47,700 --> 00:32:52,950  
been tested this statement encompasses

717  
00:32:51,000 --> 00:32:54,690  
the full gamut of how little the

718  
00:32:52,950 --> 00:32:56,640  
Australian vaccination Network know

719  
00:32:54,690 --> 00:32:59,400  
about how the drug development process

720  
00:32:56,640 --> 00:33:01,680  
works I won't bore you with the details

721  
00:32:59,400 --> 00:33:03,570  
of this today but I will tell you it

722  
00:33:01,680 --> 00:33:05,250  
takes millions of dollars around ten

723  
00:33:03,569 --> 00:33:07,889  
years and at least four phases of

724  
00:33:05,250 --> 00:33:10,680  
testing which continues even after the

725  
00:33:07,890 --> 00:33:12,930  
drug is released evidence that this

726  
00:33:10,680 --> 00:33:15,600  
process works can be found in the case

727  
00:33:12,930 --> 00:33:18,330

of a vaccine for the rotavirus called

728

00:33:15,599 --> 00:33:23,759  
rotor shield which was released in the

729

00:33:18,329 --> 00:33:26,279  
u.s. in 1998 in pre-licensure trials the

730

00:33:23,759 --> 00:33:27,388  
vaccine appeared to be safe but in post

731

00:33:26,279 --> 00:33:29,668  
licensure survey

732

00:33:27,388 --> 00:33:32,968  
it was associated with an increased risk

733

00:33:29,669 --> 00:33:34,649  
of intussusception which is a rare form

734

00:33:32,969 --> 00:33:37,409  
of bowel obstruction occurring in

735

00:33:34,648 --> 00:33:39,508  
infants as soon as this problem was

736

00:33:37,409 --> 00:33:41,849  
discovered the vaccine was withdrawn

737

00:33:39,509 --> 00:33:46,828  
from the market and rotor shield was

738

00:33:41,848 --> 00:33:49,798  
never released in australia number two

739

00:33:46,828 --> 00:33:53,608  
vaccines contain toxic additives and

740

00:33:49,798 --> 00:33:55,558  
heavy metals well here the avn are of

741

00:33:53,608 --> 00:33:57,689  
course scare mongering with Phi marisol

742  
00:33:55,558 --> 00:33:59,338  
which is the mercury based preservative

743  
00:33:57,690 --> 00:34:02,578  
that has been used in very small amounts

744  
00:33:59,338 --> 00:34:04,168  
in some vaccines since the 1930s to

745  
00:34:02,578 --> 00:34:07,378  
prevent bacterial and fungal

746  
00:34:04,169 --> 00:34:09,539  
contamination but there is no evidence

747  
00:34:07,378 --> 00:34:12,598  
that thimerosal has caused any health

748  
00:34:09,539 --> 00:34:15,629  
problems except perhaps minor reactions

749  
00:34:12,599 --> 00:34:17,879  
such as redness at the injection site in

750  
00:34:15,628 --> 00:34:20,038  
any case thimerosal was removed from

751  
00:34:17,878 --> 00:34:23,429  
childhood vaccines as a precaution in

752  
00:34:20,039 --> 00:34:26,460  
2000 and some vaccines such as

753  
00:34:23,429 --> 00:34:28,710  
pneumococcal vaccines the MMR and other

754  
00:34:26,460 --> 00:34:31,918  
live attenuated viral vaccines never

755  
00:34:28,710 --> 00:34:34,199  
contained thimerosal whilst there are

756  
00:34:31,918 --> 00:34:36,719  
certain vaccines for adults in Australia

757  
00:34:34,199 --> 00:34:39,480  
that still contain thimerosal the levels

758  
00:34:36,719 --> 00:34:41,848  
are extremely low much lower than the

759  
00:34:39,480 --> 00:34:45,659  
level of exposure we obtained to mercury

760  
00:34:41,849 --> 00:34:47,609  
in our daily lives I don't have the time

761  
00:34:45,659 --> 00:34:49,619  
or energy to discuss all the claims made

762  
00:34:47,608 --> 00:34:52,199  
by the Australian vaccination network in

763  
00:34:49,619 --> 00:34:54,568  
this article except to say that they are

764  
00:34:52,199 --> 00:34:56,598  
full of accusations and conspiracies we

765  
00:34:54,568 --> 00:34:59,369  
have come to expect from these people

766  
00:34:56,599 --> 00:35:01,230  
these include such gems as the

767  
00:34:59,369 --> 00:35:02,849  
pharmaceutical companies have paid for

768  
00:35:01,230 --> 00:35:05,400  
all the vaccine studies to date

769  
00:35:02,849 --> 00:35:08,430  
therefore they are flawed and then

770

00:35:05,400 --> 00:35:10,470  
there's this extraordinary claim some

771  
00:35:08,429 --> 00:35:13,528  
childhood illnesses have beneficial

772  
00:35:10,469 --> 00:35:15,689  
aspects and therefore prevention may not

773  
00:35:13,528 --> 00:35:19,018  
necessarily be in the interests of the

774  
00:35:15,690 --> 00:35:21,630  
child you really think so Merrill dory

775  
00:35:19,018 --> 00:35:24,239  
well why don't we use one example of a

776  
00:35:21,630 --> 00:35:26,548  
childhood illness whooping cough which

777  
00:35:24,239 --> 00:35:27,778  
can be vaccinated for and look at

778  
00:35:26,548 --> 00:35:30,869  
whether it's in the interest of the

779  
00:35:27,778 --> 00:35:32,518  
child to contract it I choose whipping

780  
00:35:30,869 --> 00:35:35,789  
cough since Australia is currently

781  
00:35:32,518 --> 00:35:39,179  
experiencing an epidemic now according

782  
00:35:35,789 --> 00:35:41,310  
to some reports more than 8,300 cases

783  
00:35:39,179 --> 00:35:45,059  
were reported in New South Wales last

784  
00:35:41,309 --> 00:35:47,489

year in October 2008 40 cases were

785

00:35:45,059 --> 00:35:49,049

reported from the same school and the

786

00:35:47,489 --> 00:35:51,209

Health Service said that most of these

787

00:35:49,050 --> 00:35:54,570

cases were in children who had not been

788

00:35:51,210 --> 00:35:57,349

immunized whooping cough is caused by

789

00:35:54,570 --> 00:35:59,760

the bacterium bordetella pertussis

790

00:35:57,349 --> 00:36:02,969

babies are vaccinated against whooping

791

00:35:59,760 --> 00:36:05,390

cough at two months then boosted at four

792

00:36:02,969 --> 00:36:07,949

months six months and four years a

793

00:36:05,389 --> 00:36:09,929

booster dose is also recommended for

794

00:36:07,949 --> 00:36:11,579

adolescents and certain adults such as

795

00:36:09,929 --> 00:36:14,269

healthcare workers and those who work

796

00:36:11,579 --> 00:36:16,619

with young babies and young children

797

00:36:14,269 --> 00:36:19,440

whooping cough is particularly serious

798

00:36:16,619 --> 00:36:22,619

where one in every 200 babies who can

799

00:36:19,440 --> 00:36:24,510

track the infection will die some can

800

00:36:22,619 --> 00:36:27,750

even crack their ribs through violent

801

00:36:24,510 --> 00:36:29,820

coughing attacks a recent report about

802

00:36:27,750 --> 00:36:32,610

the epidemic cited the story of a

803

00:36:29,820 --> 00:36:35,910

14-week old girl who has had whooping

804

00:36:32,610 --> 00:36:37,890

cough since he was two weeks old the

805

00:36:35,909 --> 00:36:40,079

terrified mother said she had turned

806

00:36:37,889 --> 00:36:43,980

blue several times during coughing fits

807

00:36:40,079 --> 00:36:45,690

as she gasped for air whooping cough is

808

00:36:43,980 --> 00:36:48,570

not a disease you want to mess with it

809

00:36:45,690 --> 00:36:50,670

causes considerable morbidity the

810

00:36:48,570 --> 00:36:52,320

disease is particularly serious in small

811

00:36:50,670 --> 00:36:54,900

children as it can cause them to stop

812

00:36:52,320 --> 00:36:57,360

breathing the whoop which is not always

813  
00:36:54,900 --> 00:36:58,849  
obvious is due to a deep breath at the

814  
00:36:57,360 --> 00:37:02,160  
end of a bout of coughing and vomiting

815  
00:36:58,849 --> 00:37:04,199  
after coughing is common severe

816  
00:37:02,159 --> 00:37:06,210  
complications which occur almost

817  
00:37:04,199 --> 00:37:09,839  
exclusively and unvaccinated people

818  
00:37:06,210 --> 00:37:11,789  
include seizures and pneumonia in babies

819  
00:37:09,840 --> 00:37:13,530  
under six months of age the symptoms can

820  
00:37:11,789 --> 00:37:17,369  
be severe or life-threatening and

821  
00:37:13,530 --> 00:37:19,019  
include hemorrhage apnea which is when

822  
00:37:17,369 --> 00:37:22,109  
you stop breathing for short or long

823  
00:37:19,019 --> 00:37:24,829  
periods of time pneumonia inflammation

824  
00:37:22,110 --> 00:37:28,250  
of the brain convulsions and coma

825  
00:37:24,829 --> 00:37:30,239  
permanent brain damage and death

826  
00:37:28,250 --> 00:37:32,489  
according to health officials in New

827

00:37:30,239 --> 00:37:34,319  
South Wales the recent epidemic of

828  
00:37:32,489 --> 00:37:37,409  
whooping cough is likely a result of a

829  
00:37:34,320 --> 00:37:39,120  
reduction in vaccination the north coast

830  
00:37:37,409 --> 00:37:42,359  
Area Health Service Director of Public

831  
00:37:39,119 --> 00:37:44,460  
Health Paul corbin said communities with

832  
00:37:42,360 --> 00:37:46,620  
low vaccination rates have had more than

833  
00:37:44,460 --> 00:37:48,809  
eight times the rate of disease seen in

834  
00:37:46,619 --> 00:37:51,569  
those areas with the highest vaccination

835  
00:37:48,809 --> 00:37:53,549  
rates well according to the Australian

836  
00:37:51,570 --> 00:37:55,140  
vaccination Network you don't need to

837  
00:37:53,550 --> 00:37:57,240  
vaccinate against whooping

838  
00:37:55,139 --> 00:38:01,019  
sometimes it's better for kids to just

839  
00:37:57,239 --> 00:38:03,209  
catch it and although this organization

840  
00:38:01,019 --> 00:38:05,400  
is relatively small they do have a lot

841  
00:38:03,210 --> 00:38:08,579

of influence and are also well organized

842

00:38:05,400 --> 00:38:10,530

and very active Australian listeners may

843

00:38:08,579 --> 00:38:12,989

remember the case of parents who fled

844

00:38:10,530 --> 00:38:16,140

hospital and the authorities with their

845

00:38:12,989 --> 00:38:17,609

newborn boy in August 2008 to avoid

846

00:38:16,139 --> 00:38:21,000

having to have him vaccinated for

847

00:38:17,610 --> 00:38:23,309

hepatitis B the sad thing was the mother

848

00:38:21,000 --> 00:38:25,739

was hepatitis B positive herself and

849

00:38:23,309 --> 00:38:28,049

although it is not compulsory to be

850

00:38:25,739 --> 00:38:30,449

vaccinated in Australia it is health

851

00:38:28,050 --> 00:38:33,150

department policy that children born of

852

00:38:30,449 --> 00:38:35,429

hepatitis B positive mothers are offered

853

00:38:33,150 --> 00:38:37,740

immunoglobulin for the child within 12

854

00:38:35,429 --> 00:38:41,489

hours of birth and four doses of the

855

00:38:37,739 --> 00:38:43,829

vaccine over six months in a tragic tale

856  
00:38:41,489 --> 00:38:45,689  
of ignorance the mother told reporters

857  
00:38:43,829 --> 00:38:48,150  
that the couple believed aluminium in

858  
00:38:45,690 --> 00:38:50,340  
the vaccine could cause him more damage

859  
00:38:48,150 --> 00:38:53,519  
than the child contracting hepatitis B

860  
00:38:50,340 --> 00:38:56,100  
and of course the father is a member of

861  
00:38:53,519 --> 00:38:57,719  
the Australian vaccination network by

862  
00:38:56,099 --> 00:39:02,130  
which the couple are now touted as

863  
00:38:57,719 --> 00:39:04,500  
heroes Australia also has the usual

864  
00:39:02,130 --> 00:39:06,840  
suspects such as the chiropractors who

865  
00:39:04,500 --> 00:39:08,639  
don't proclaim it from the rooftops but

866  
00:39:06,840 --> 00:39:11,910  
upon questioning will tell you not to

867  
00:39:08,639 --> 00:39:14,039  
vaccinate they will also follow the MMR

868  
00:39:11,909 --> 00:39:15,750  
autism line and I had one tell me this

869  
00:39:14,039 --> 00:39:19,199  
at a recent mother's babies and

870  
00:39:15,750 --> 00:39:21,389  
pregnancy Expo and of course we can't

871  
00:39:19,199 --> 00:39:23,129  
forget the despicable homeopaths who

872  
00:39:21,389 --> 00:39:24,659  
will also tell you on the sly that you

873  
00:39:23,130 --> 00:39:27,420  
can use homeopathy to vaccinate your

874  
00:39:24,659 --> 00:39:30,629  
kids I won't discuss this further today

875  
00:39:27,420 --> 00:39:34,280  
because a it makes me too angry and B it

876  
00:39:30,630 --> 00:39:36,530  
requires its own show entirely

877  
00:39:34,280 --> 00:39:39,140  
for more information about the myths and

878  
00:39:36,530 --> 00:39:41,480  
realities of vaccination the Australian

879  
00:39:39,139 --> 00:39:43,929  
government publishes a brochure called

880  
00:39:41,480 --> 00:39:45,980  
vaccination myths and realities

881  
00:39:43,929 --> 00:39:48,500  
responding to arguments against

882  
00:39:45,980 --> 00:39:50,570  
immunization this is a thoroughly

883  
00:39:48,500 --> 00:39:52,519  
researched and easy-to-read resource

884

00:39:50,570 --> 00:39:56,390  
which addresses fact and fiction about

885  
00:39:52,519 --> 00:39:57,679  
immunization it's also useful even if

886  
00:39:56,389 --> 00:39:59,690  
you are not in Australia and

887  
00:39:57,679 --> 00:40:01,159  
particularly good for passing the way of

888  
00:39:59,690 --> 00:40:02,869  
anyone you know who might have some

889  
00:40:01,159 --> 00:40:06,649  
dodgy ideas about the merits of

890  
00:40:02,869 --> 00:40:08,449  
vaccination for further reading and the

891  
00:40:06,650 --> 00:40:10,490  
references for this story head to my

892  
00:40:08,449 --> 00:40:13,279  
blog which is linked from skeptic zone

893  
00:40:10,489 --> 00:40:15,199  
TV and thank you to everyone who has

894  
00:40:13,280 --> 00:40:17,450  
been emailing me and leaving comments on

895  
00:40:15,199 --> 00:40:20,319  
the blog also don't forget I have

896  
00:40:17,449 --> 00:40:23,419  
another blog at skeptics book calm and

897  
00:40:20,320 --> 00:40:25,870  
until next time this has been dr. Rachel

898  
00:40:23,420 --> 00:40:25,869

reports

899

00:40:41,550 --> 00:40:46,750

hi I'm audit oh yeah crystal or evil

900

00:40:45,099 --> 00:40:48,460

tips advice on logic lifted off the

901

00:40:46,750 --> 00:40:50,139

skeptics ohm ohm skip the comedian or

902

00:40:48,460 --> 00:40:51,909

again but it's not a blog get upper

903

00:40:50,139 --> 00:40:53,440

bleph a podcast over and against capsis

904

00:40:51,909 --> 00:40:55,480

river- liquefied method after his match

905

00:40:53,440 --> 00:40:57,490

since ralph i skipped assist off and

906

00:40:55,480 --> 00:40:59,469

loop or higher versus the deep plane

907

00:40:57,489 --> 00:41:01,179

origin and calendar or escape disc after

908

00:40:59,469 --> 00:41:02,980

death or like you chill on will escape

909

00:41:01,179 --> 00:41:04,359

this go search it skips is Logan of

910

00:41:02,980 --> 00:41:05,949

authority Emily oh the disc ateres

911

00:41:04,360 --> 00:41:09,610

hextep escapes is for domestic hina

912

00:41:05,949 --> 00:41:12,309

edita yourself skips a stop mmm hello

913  
00:41:09,610 --> 00:41:13,780  
I'm what it and I'm Christine and we

914  
00:41:12,309 --> 00:41:15,579  
want to let you know that there are lots

915  
00:41:13,780 --> 00:41:17,530  
of Norwegian skeptics for you to get to

916  
00:41:15,579 --> 00:41:19,449  
know there are blogs and permits and a

917  
00:41:17,530 --> 00:41:20,890  
podcast and the Norwegian skeptics also

918  
00:41:19,449 --> 00:41:22,869  
do paranormal tests and consumer

919  
00:41:20,889 --> 00:41:25,059  
activism to find out more Google

920  
00:41:22,869 --> 00:41:27,960  
Norwegian skeptics or visit skept

921  
00:41:25,059 --> 00:41:27,960  
seasonal

922  
00:41:45,389 --> 00:41:50,139  
joining me now on the line from

923  
00:41:47,639 --> 00:41:51,730  
Sacramento and that says place I haven't

924  
00:41:50,139 --> 00:41:53,858  
been to yet I hope to get there one day

925  
00:41:51,730 --> 00:41:56,409  
it sounds like an interesting place it's

926  
00:41:53,858 --> 00:42:00,190  
the president of the Sacramento skeptics

927  
00:41:56,409 --> 00:42:02,528  
Frank moja hello Frank hello Richard

928  
00:42:00,190 --> 00:42:04,298  
it's a pleasure to be on that skeptics

929  
00:42:02,528 --> 00:42:07,420  
on I'll thank you very much it's great

930  
00:42:04,298 --> 00:42:08,920  
to catch up with you I I can't remember

931  
00:42:07,420 --> 00:42:11,920  
if we've met over the years and one of

932  
00:42:08,920 --> 00:42:15,730  
these many skeptical conventions and

933  
00:42:11,920 --> 00:42:17,858  
goings on I pretty sure we haven't I

934  
00:42:15,730 --> 00:42:20,318  
haven't had a chance to go to any of the

935  
00:42:17,858 --> 00:42:22,449  
larger events yet and actually I am

936  
00:42:20,318 --> 00:42:25,150  
relatively new to skepticism I

937  
00:42:22,449 --> 00:42:27,460  
discovered skepticism about four years

938  
00:42:25,150 --> 00:42:30,160  
ago and it's really changed my life I'm

939  
00:42:27,460 --> 00:42:34,059  
very passionate about it oh it's the old

940  
00:42:30,159 --> 00:42:36,818  
story yeah watch out what job you're in

941

00:42:34,059 --> 00:42:39,309  
for a wild ride I think at times it's

942  
00:42:36,818 --> 00:42:42,998  
it's certainly an interesting um what

943  
00:42:39,309 --> 00:42:45,640  
can we say aspect of life oh yes oh yes

944  
00:42:42,998 --> 00:42:49,659  
definitely and you meet some very

945  
00:42:45,639 --> 00:42:51,098  
interesting people and what can you tell

946  
00:42:49,659 --> 00:42:53,018  
our listeners a little bit about the

947  
00:42:51,099 --> 00:42:56,559  
Sacramento skeptics what's that seemed

948  
00:42:53,018 --> 00:42:59,018  
like one of the Sacramento area skeptics

949  
00:42:56,559 --> 00:43:01,900  
we were launched by a shame trimmer in

950  
00:42:59,018 --> 00:43:04,088  
2008 and we've largely been just a

951  
00:43:01,900 --> 00:43:07,989  
social gathering with our skeptics in

952  
00:43:04,088 --> 00:43:10,268  
the pub and so on and we started a

953  
00:43:07,989 --> 00:43:12,519  
coordinating with the Bay Area skeptics

954  
00:43:10,268 --> 00:43:15,189  
to put on skeptical a few years ago

955  
00:43:12,518 --> 00:43:17,498

which is very exciting and then I'm also

956

00:43:15,190 --> 00:43:19,960

I've started launching a few more things

957

00:43:17,498 --> 00:43:22,118

we have skeptics in the park now and

958

00:43:19,960 --> 00:43:24,159

we'll have skeptics in the pool hall and

959

00:43:22,119 --> 00:43:26,980

skeptics in the bowling alley and just

960

00:43:24,159 --> 00:43:28,449

all sorts of community things I am

961

00:43:26,980 --> 00:43:30,519

really trying to build that community

962

00:43:28,449 --> 00:43:34,179

that the place for people to come

963

00:43:30,518 --> 00:43:36,608

together and then talk and you know that

964

00:43:34,179 --> 00:43:39,730

that whole that feeling of being part of

965

00:43:36,608 --> 00:43:41,018

something skeptics in the park that

966

00:43:39,730 --> 00:43:42,880

sounds interesting I've certainly been

967

00:43:41,018 --> 00:43:45,868

to plenty of skeptics in the pub in my

968

00:43:42,880 --> 00:43:48,220

time what skeptics in the park all about

969

00:43:45,869 --> 00:43:51,009

skeptics in the park is just about going

970  
00:43:48,219 --> 00:43:52,538  
to local area parks we've had a meta we

971  
00:43:51,009 --> 00:43:54,909  
did we just had our second one

972  
00:43:52,539 --> 00:43:57,519  
few weeks ago and we're just going to

973  
00:43:54,909 --> 00:43:59,228  
different area parks and bring kids it

974  
00:43:57,518 --> 00:44:00,448  
doesn't have to be kids it's not only

975  
00:43:59,228 --> 00:44:02,498  
family but it's definitely

976  
00:44:00,449 --> 00:44:04,179  
family-friendly and it's just about

977  
00:44:02,498 --> 00:44:05,768  
getting outdoors during the day a

978  
00:44:04,179 --> 00:44:07,329  
slightly different scene from the

979  
00:44:05,768 --> 00:44:08,858  
skeptics in the pub there are a lot of

980  
00:44:07,329 --> 00:44:10,509  
people who really can't make it to the

981  
00:44:08,858 --> 00:44:12,219  
skeptics in the pub and that's maybe

982  
00:44:10,509 --> 00:44:14,259  
that's not their thing or they have kids

983  
00:44:12,219 --> 00:44:16,688  
or whatnot but the skeptics in the park

984  
00:44:14,259 --> 00:44:19,358  
allows for that different that different

985  
00:44:16,688 --> 00:44:21,578  
environment to get together what a great

986  
00:44:19,358 --> 00:44:25,949  
idea what a great idea bring a sandwich

987  
00:44:21,579 --> 00:44:29,169  
02 yeah exactly a big nice badge yeah

988  
00:44:25,949 --> 00:44:30,849  
yeah yeah so it's a it's a lot of fun

989  
00:44:29,168 --> 00:44:33,009  
it's been exciting so far and in

990  
00:44:30,849 --> 00:44:34,989  
California we have such great weather

991  
00:44:33,009 --> 00:44:37,059  
most of the time that I think for most

992  
00:44:34,989 --> 00:44:40,809  
of the year it should be a have quite a

993  
00:44:37,059 --> 00:44:44,140  
fun event yes why not why not indeed I

994  
00:44:40,809 --> 00:44:47,199  
think it's such a bad idea maybe I might

995  
00:44:44,139 --> 00:44:49,568  
see about skeptics in the park day here

996  
00:44:47,199 --> 00:44:50,949  
in Sydney and might be a great idea and

997  
00:44:49,568 --> 00:44:53,409  
if people are listening in the

998

00:44:50,949 --> 00:44:55,269  
Sacramento area what's the website they

999  
00:44:53,409 --> 00:44:57,818  
should go to to find out more

1000  
00:44:55,268 --> 00:44:59,018  
information well there's a few different

1001  
00:44:57,818 --> 00:45:02,199  
ways they can find out more information

1002  
00:44:59,018 --> 00:45:05,588  
either on facebook under Sacramento area

1003  
00:45:02,199 --> 00:45:07,599  
skeptics or on meetup under Sacramento

1004  
00:45:05,588 --> 00:45:12,188  
area skeptics and then I've just

1005  
00:45:07,599 --> 00:45:16,269  
recently launched ww sac area skeptics

1006  
00:45:12,188 --> 00:45:19,418  
calm so si si area skeptics calm all one

1007  
00:45:16,268 --> 00:45:21,608  
word and all of those those resources

1008  
00:45:19,418 --> 00:45:24,748  
have our events listed along with quite

1009  
00:45:21,608 --> 00:45:35,588  
a few other things yes that website is

1010  
00:45:24,748 --> 00:45:37,509  
wws a CA r e a skp2 i see is comsec area

1011  
00:45:35,588 --> 00:45:40,058  
skeptics and there's well it's beautiful

1012  
00:45:37,509 --> 00:45:41,918

lovely a picture of Sacramento you've

1013

00:45:40,059 --> 00:45:44,679  
got information something about

1014

00:45:41,918 --> 00:45:46,298  
skepticism and a contact button that's

1015

00:45:44,679 --> 00:45:47,829  
the place to go to folks if you're in

1016

00:45:46,298 --> 00:45:50,079  
the area and you want to find out more

1017

00:45:47,829 --> 00:45:52,809  
but Frank I'm really keen to find out

1018

00:45:50,079 --> 00:45:56,650  
more myself about skeptical and

1019

00:45:52,809 --> 00:45:59,528  
skeptical is a gathering it's one of the

1020

00:45:56,650 --> 00:46:01,179  
few gatherings I think I haven't yet

1021

00:45:59,528 --> 00:46:05,380  
attended can you tell me something about

1022

00:46:01,179 --> 00:46:06,400  
that sure skeptical is the Northern

1023

00:46:05,380 --> 00:46:08,829  
California

1024

00:46:06,400 --> 00:46:11,680  
some of science and skepticism and it's

1025

00:46:08,829 --> 00:46:14,410  
a day-long event we have speakers will

1026

00:46:11,679 --> 00:46:16,960  
panels discussions it varies a little

1027  
00:46:14,409 --> 00:46:18,940  
bit from year to year but it's a ton of

1028  
00:46:16,960 --> 00:46:21,309  
fun we have so many different people

1029  
00:46:18,940 --> 00:46:24,309  
coming from all over Northern California

1030  
00:46:21,309 --> 00:46:26,798  
we have a phenomenal speakers we've this

1031  
00:46:24,309 --> 00:46:28,630  
year I'm really excited about Paul

1032  
00:46:26,798 --> 00:46:32,079  
Doherty speaking about the boundaries of

1033  
00:46:28,630 --> 00:46:35,099  
science he comes from the Exploratorium

1034  
00:46:32,079 --> 00:46:37,960  
in San Francisco and then Dan Dugan

1035  
00:46:35,099 --> 00:46:41,260  
talking about a federal lawsuit to stop

1036  
00:46:37,960 --> 00:46:43,838  
public funding for waldorf schools and

1037  
00:46:41,260 --> 00:46:46,660  
we also have an defrag noise going to be

1038  
00:46:43,838 --> 00:46:48,699  
talking about astrologers and astronomy

1039  
00:46:46,659 --> 00:46:50,858  
and some history there with that and

1040  
00:46:48,699 --> 00:46:52,899  
quite a quite a few more that the

1041  
00:46:50,858 --> 00:46:55,119  
skeptical website lists all of our

1042  
00:46:52,900 --> 00:47:00,430  
speakers I'm having a hard time deciding

1043  
00:46:55,119 --> 00:47:02,278  
which one I'm more excited about now

1044  
00:47:00,429 --> 00:47:09,068  
what is the website by the way for them

1045  
00:47:02,278 --> 00:47:15,219  
the website is ww skeptical con-com sk

1046  
00:47:09,068 --> 00:47:18,099  
EPT IC al co n com right that's the

1047  
00:47:15,219 --> 00:47:21,068  
website to go to and where exactly is it

1048  
00:47:18,099 --> 00:47:23,200  
going to be held this year it's going to

1049  
00:47:21,068 --> 00:47:27,219  
be at the Oakland Asian Cultural Center

1050  
00:47:23,199 --> 00:47:29,679  
in in oakland california at 388 ninth

1051  
00:47:27,219 --> 00:47:31,358  
Street previous years we've had it at

1052  
00:47:29,679 --> 00:47:33,699  
the doubletree in berkeley but we moved

1053  
00:47:31,358 --> 00:47:35,019  
it to the Oakland Asian Cultural Center

1054  
00:47:33,699 --> 00:47:37,028  
this year we're very excited about it

1055

00:47:35,019 --> 00:47:39,068  
should have a lot of really great food

1056  
00:47:37,028 --> 00:47:41,139  
options nearby too which is one of my

1057  
00:47:39,068 --> 00:47:43,028  
favorite things about yeah by going to

1058  
00:47:41,139 --> 00:47:46,480  
the bay area there's so much wonderful

1059  
00:47:43,028 --> 00:47:48,400  
food there oh there is a walking batch

1060  
00:47:46,480 --> 00:47:51,429  
of that folks is certainly is is that

1061  
00:47:48,400 --> 00:47:54,579  
not too far from the National Center for

1062  
00:47:51,429 --> 00:47:56,949  
Science Education that's actually very

1063  
00:47:54,579 --> 00:48:00,910  
close to the National Center for Science

1064  
00:47:56,949 --> 00:48:04,298  
Education yes and my co-chair for The

1065  
00:48:00,909 --> 00:48:07,750  
Skeptical planning committee is dr.

1066  
00:48:04,298 --> 00:48:09,278  
Eugenie Scott I've now now retired as

1067  
00:48:07,750 --> 00:48:11,769  
the executive director there I'm sure

1068  
00:48:09,278 --> 00:48:14,559  
lots of listeners are very well are very

1069  
00:48:11,769 --> 00:48:17,079

familiar with her oh absolutely and with

1070

00:48:14,559 --> 00:48:19,599

the genie Scott on your organization you

1071

00:48:17,079 --> 00:48:20,500

can't go wrong I think she's a she's a

1072

00:48:19,599 --> 00:48:22,809

champion

1073

00:48:20,500 --> 00:48:25,750

wonderful promoter of science and has

1074

00:48:22,809 --> 00:48:28,360

been for for many many many many years

1075

00:48:25,750 --> 00:48:30,099

and whenever I'm in the area I always

1076

00:48:28,360 --> 00:48:32,320

try to catch up with Eugenie Scott of

1077

00:48:30,099 --> 00:48:35,319

course and what was that date again the

1078

00:48:32,320 --> 00:48:38,170

exact date and time the exact day is a

1079

00:48:35,320 --> 00:48:41,470

may thirty first and we should start

1080

00:48:38,170 --> 00:48:44,409

about 9am and we should be finishing up

1081

00:48:41,469 --> 00:48:46,029

the last the last speaker will be some

1082

00:48:44,409 --> 00:48:49,329

entertainment actually should finish up

1083

00:48:46,030 --> 00:48:50,980

around six pm and people like to move

1084  
00:48:49,329 --> 00:48:53,619  
around and talk a little bit after that

1085  
00:48:50,980 --> 00:48:57,429  
so about nine to six thirty is that is

1086  
00:48:53,619 --> 00:49:00,730  
the range of that right May 31st for the

1087  
00:48:57,429 --> 00:49:02,889  
people in the Bay Area in the the san

1088  
00:49:00,730 --> 00:49:05,349  
francisco bay area and surrounding areas

1089  
00:49:02,889 --> 00:49:08,529  
and even interstate this would be a

1090  
00:49:05,349 --> 00:49:12,849  
great one day skeptical gathering to get

1091  
00:49:08,530 --> 00:49:15,100  
to in oakland if i could if i could

1092  
00:49:12,849 --> 00:49:18,190  
invent a teleporter I'd be there myself

1093  
00:49:15,099 --> 00:49:19,750  
it is a little difficult it is a little

1094  
00:49:18,190 --> 00:49:22,059  
difficult to get all these things from

1095  
00:49:19,750 --> 00:49:24,579  
Sydney Australia I do my best I must say

1096  
00:49:22,059 --> 00:49:27,239  
Frank I really try I really do my best

1097  
00:49:24,579 --> 00:49:29,710  
and one year I am bound to make

1098  
00:49:27,239 --> 00:49:31,509  
skeptical and I know that's been going

1099  
00:49:29,710 --> 00:49:34,300  
for some years you must be really

1100  
00:49:31,510 --> 00:49:36,700  
looking forward to it this year oh I'm

1101  
00:49:34,300 --> 00:49:39,789  
extremely excited I look forward to it

1102  
00:49:36,699 --> 00:49:41,529  
all year long it's so much fun to me so

1103  
00:49:39,789 --> 00:49:44,199  
many skeptics from all over the state

1104  
00:49:41,530 --> 00:49:48,610  
and listen to such wonderful speakers

1105  
00:49:44,199 --> 00:49:50,789  
and it really is fantastic do you uh do

1106  
00:49:48,610 --> 00:49:53,559  
you know if there are any plans to

1107  
00:49:50,789 --> 00:49:57,099  
capture some of the talks will report on

1108  
00:49:53,559 --> 00:50:00,009  
some of the talks we do actually we do

1109  
00:49:57,099 --> 00:50:02,819  
have plans to capture those on video and

1110  
00:50:00,010 --> 00:50:06,450  
audio I'd like to make those available

1111  
00:50:02,820 --> 00:50:08,710  
in the past we haven't always gotten

1112

00:50:06,449 --> 00:50:10,149  
those but I'd really like to make those

1113  
00:50:08,710 --> 00:50:12,030  
available this year and we do have plans

1114  
00:50:10,150 --> 00:50:14,230  
to make that available this year oh

1115  
00:50:12,030 --> 00:50:16,690  
that's good news that's good news

1116  
00:50:14,230 --> 00:50:18,309  
because if people I can't make it they

1117  
00:50:16,690 --> 00:50:21,099  
can always sort of catch up later on

1118  
00:50:18,309 --> 00:50:23,320  
it's good to do that but folks let me

1119  
00:50:21,099 --> 00:50:25,029  
tell you there's nothing better than

1120  
00:50:23,320 --> 00:50:28,330  
being at one of these things in the

1121  
00:50:25,030 --> 00:50:29,890  
flesh in person in the audience and you

1122  
00:50:28,329 --> 00:50:32,289  
get to chat to all these wonderful

1123  
00:50:29,889 --> 00:50:34,659  
people Frank a pleasure to catch up with

1124  
00:50:32,289 --> 00:50:38,460  
you to meet you virtually meet you as

1125  
00:50:34,659 --> 00:50:40,960  
were i hope that we can meet up sometime

1126  
00:50:38,460 --> 00:50:43,409

before long in one of these interesting

1127

00:50:40,960 --> 00:50:47,010

skeptical conventions or one of our

1128

00:50:43,409 --> 00:50:50,559

adventures but for now Frank Moshe from

1129

00:50:47,010 --> 00:50:52,540

the wonderful Sacramento area which I

1130

00:50:50,559 --> 00:50:55,900

hope to visit one day thank you for

1131

00:50:52,539 --> 00:50:57,550

being on the skeptic zone thank you very

1132

00:50:55,900 --> 00:51:13,090

much with Richard the pleasure was

1133

00:50:57,550 --> 00:51:15,250

definitely mine eyne Gauss's hello an

1134

00:51:13,090 --> 00:51:17,860

ally Dawson to her that the skeptics on

1135

00:51:15,250 --> 00:51:19,840

podcasts boosted year this is our

1136

00:51:17,860 --> 00:51:22,750

endowment and in skeptic of a band gift

1137

00:51:19,840 --> 00:51:26,460

for vital information Oberon's on the

1138

00:51:22,750 --> 00:51:31,300

skeptic magazine preserved v.v.v point

1139

00:51:26,460 --> 00:51:35,230

gavey oop a punk talk eat vida holla vvv

1140

00:51:31,300 --> 00:51:37,480

Pont TV rupee Paul talk hold on to the

1141  
00:51:35,230 --> 00:51:39,809  
office and Facebook Twitter and Google+

1142  
00:51:37,480 --> 00:51:39,809  
sign

1143  
00:51:54,179 --> 00:51:59,230  
thank you for listening to the skeptic

1144  
00:51:56,469 --> 00:52:01,539  
zone so many things to remember on this

1145  
00:51:59,230 --> 00:52:05,019  
week's show so many conventions coming

1146  
00:52:01,539 --> 00:52:06,789  
up this QED in Manchester the amazing

1147  
00:52:05,019 --> 00:52:08,380  
meeting in Las Vegas and of course the

1148  
00:52:06,789 --> 00:52:10,719  
Australian skeptics national convention

1149  
00:52:08,380 --> 00:52:13,510  
right here in Sydney if you can get to

1150  
00:52:10,719 --> 00:52:16,719  
all three well done but for now it's

1151  
00:52:13,510 --> 00:52:18,400  
time for me to run back downstairs and

1152  
00:52:16,719 --> 00:52:20,289  
just sit on the couch and rest the old

1153  
00:52:18,400 --> 00:52:23,200  
vocal cords I think that's probably a

1154  
00:52:20,289 --> 00:52:26,199  
good idea might even watch the latest

1155  
00:52:23,199 --> 00:52:29,250  
episode of cosmos I am enjoying that

1156  
00:52:26,199 --> 00:52:33,009  
serious i really am no I enjoyed it

1157  
00:52:29,250 --> 00:52:36,030  
nearly 30 years ago too but for this

1158  
00:52:33,010 --> 00:52:43,150  
week for now this is Richard Saunders

1159  
00:52:36,030 --> 00:52:46,510  
signing off from Sydney Australia you've

1160  
00:52:43,150 --> 00:52:51,130  
been listening to the skeptic zone visit

1161  
00:52:46,510 --> 00:52:53,590  
our website at [www skeptics](http://www.skeptics.org) on TV for

1162  
00:52:51,130 --> 00:52:56,250  
comments contacts and extra video

1163  
00:52:53,590 --> 00:52:56,250  
reports

1164  
00:52:59,329 --> 00:53:01,360  
Oh