

1  
00:00:06,519 --> 00:00:13,140  
welcome to the skeptic zone the podcast

2  
00:00:09,490 --> 00:00:16,800  
from Australia for science and reason

3  
00:00:13,140 --> 00:00:19,280  
urea hosts Richard Saunders and Stefan

4  
00:00:16,800 --> 00:00:19,280  
Soyka

5  
00:00:20,420 --> 00:00:26,220  
hello Richard Stefan I love coming here

6  
00:00:24,059 --> 00:00:28,618  
to do the the opening for the show I do

7  
00:00:26,219 --> 00:00:31,019  
it's good it's good most of the time

8  
00:00:28,618 --> 00:00:33,509  
mostly but there's some weird noise

9  
00:00:31,019 --> 00:00:35,369  
outside yes I know it's been there's

10  
00:00:33,509 --> 00:00:37,409  
been a jackhammer going since would you

11  
00:00:35,369 --> 00:00:40,799  
believe it about 5 30 this morning

12  
00:00:37,409 --> 00:00:42,808  
really I believe because I've got a sort

13  
00:00:40,799 --> 00:00:45,558  
of big block of vacant land next door

14  
00:00:42,808 --> 00:00:48,599  
yeah I believe they found a crystal mine

15  
00:00:45,558 --> 00:00:50,070  
that explains mine the of healing

16  
00:00:48,600 --> 00:00:51,239  
crystals you're in crystal I think it

17  
00:00:50,070 --> 00:00:52,500  
says I found that they've gone II and

18  
00:00:51,238 --> 00:00:54,449  
they haven't worried about any of the

19  
00:00:52,500 --> 00:00:56,909  
council bylaws they've just gone in and

20  
00:00:54,450 --> 00:00:58,200  
started digging because we really need

21  
00:00:56,909 --> 00:01:00,299  
those healing crystals in some of the

22  
00:00:58,200 --> 00:01:01,890  
disaster spots around the world we do no

23  
00:01:00,299 --> 00:01:04,769  
wonder you're so healthy all the time I

24  
00:01:01,890 --> 00:01:06,450  
know I didn't realize yeah since I moved

25  
00:01:04,769 --> 00:01:09,060  
into this place yeah yeah I've been

26  
00:01:06,450 --> 00:01:12,030  
feeling a million dollars it's awfully

27  
00:01:09,060 --> 00:01:13,769  
crystal but damn it they found only get

28  
00:01:12,030 --> 00:01:15,629  
him up on this I'm gonna get down hill

29

00:01:13,769 --> 00:01:18,149  
now so listeners hear a jackhammer

30  
00:01:15,629 --> 00:01:20,759  
that's right yes oh I do apologize sir

31  
00:01:18,149 --> 00:01:23,728  
normally this soundproof amazing studio

32  
00:01:20,759 --> 00:01:25,978  
here it is a little bit noisy ended in

33  
00:01:23,728 --> 00:01:28,200  
the background there it is again yeah

34  
00:01:25,978 --> 00:01:30,780  
never mind we'll plug on the Guster's

35  
00:01:28,200 --> 00:01:36,060  
carry on we better yeah welcome to

36  
00:01:30,780 --> 00:01:38,399  
episode 73 no way yes way 73 3 it seems

37  
00:01:36,060 --> 00:01:41,909  
like only last week it was episode 72 it

38  
00:01:38,399 --> 00:01:43,709  
was that's phenomenal it was ah how time

39  
00:01:41,909 --> 00:01:45,780  
flies we had a lot of listener feedback

40  
00:01:43,709 --> 00:01:47,399  
from last week's episode because talking

41  
00:01:45,780 --> 00:01:49,469  
about last week and last month and

42  
00:01:47,399 --> 00:01:51,090  
large-scale I told him back in time from

43  
00:01:49,469 --> 00:01:54,629

the very first time that I came along

44

00:01:51,090 --> 00:01:56,899

too near FM yes way back in 2001 and we

45

00:01:54,629 --> 00:01:59,399

did that interview spot and those

46

00:01:56,899 --> 00:02:02,219

interviews last of the year did you know

47

00:01:59,399 --> 00:02:05,399

really yeah the skeptics and I came in

48

00:02:02,219 --> 00:02:08,489

on Raw for a year after that ah it's

49

00:02:05,399 --> 00:02:09,780

felt like about 10 years did no no that

50

00:02:08,489 --> 00:02:12,300

was a great time here we had like it

51

00:02:09,780 --> 00:02:13,860

there was a real studio so yeah it was

52

00:02:12,300 --> 00:02:15,450

actually Australia's first internet

53

00:02:13,860 --> 00:02:17,700

radio station so it was a tiny little

54

00:02:15,449 --> 00:02:19,500

proper radio studio I remember was

55

00:02:17,699 --> 00:02:21,179

bright orange wasn't yeah it was all

56

00:02:19,500 --> 00:02:22,409

sort of trendy colors and stuff here was

57

00:02:21,180 --> 00:02:23,879

great we had a lot of fun this pre

58  
00:02:22,409 --> 00:02:26,310  
pioneering stuff yeah

59  
00:02:23,879 --> 00:02:28,560  
yeah there before the age of podcasting

60  
00:02:26,310 --> 00:02:30,930  
we were there we were there we will

61  
00:02:28,560 --> 00:02:33,090  
happen mine is so what's happening this

62  
00:02:30,930 --> 00:02:35,129  
week well this is the age of podcasting

63  
00:02:33,090 --> 00:02:38,310  
it certainly is it is as you said

64  
00:02:35,129 --> 00:02:40,469  
episode 73 for the 12th of March even

65  
00:02:38,310 --> 00:02:42,240  
this year starting to sort of take on I

66  
00:02:40,469 --> 00:02:44,129  
know you know the funny thing is it's

67  
00:02:42,240 --> 00:02:45,719  
actually my my father's birthday today

68  
00:02:44,129 --> 00:02:49,199  
he's been he's passed away for a while I

69  
00:02:45,719 --> 00:02:53,669  
did my calculations he would be 97 this

70  
00:02:49,199 --> 00:02:55,829  
year I couldn't believe it wow he's a

71  
00:02:53,669 --> 00:02:58,889  
late starter he was his very very late

72  
00:02:55,830 --> 00:03:00,990  
start March the 12th massive tree we are

73  
00:02:58,889 --> 00:03:02,549  
so what's on this week Richard well

74  
00:03:00,990 --> 00:03:04,560  
we've got an interview by our reporter

75  
00:03:02,550 --> 00:03:07,980  
Kylie Sturgis with Milton moma kinis

76  
00:03:04,560 --> 00:03:09,659  
who's a UK musician ah musician I love

77  
00:03:07,979 --> 00:03:12,359  
musicians but only in the platonic sense

78  
00:03:09,659 --> 00:03:14,849  
oh good Yonkers now he's a really

79  
00:03:12,360 --> 00:03:16,500  
interesting guy he had leukemia when you

80  
00:03:14,849 --> 00:03:18,419  
sort of locked away in hospital wards

81  
00:03:16,500 --> 00:03:20,849  
for ages and he's going to talk about

82  
00:03:18,419 --> 00:03:22,829  
mostly his music today right they say

83  
00:03:20,849 --> 00:03:24,719  
laga tube does that mean with those a

84  
00:03:22,830 --> 00:03:27,090  
miracle healing involved you know I

85  
00:03:24,719 --> 00:03:28,740  
don't think so right buddy but he's okay

86

00:03:27,090 --> 00:03:30,599  
now he seems to be okay it was the

87  
00:03:28,740 --> 00:03:32,520  
doctors and nurses that helped him write

88  
00:03:30,599 --> 00:03:34,229  
and drugs and things reason and

89  
00:03:32,520 --> 00:03:37,170  
treatment actual medical treatments

90  
00:03:34,229 --> 00:03:38,819  
America phenomenal memory call me rakat

91  
00:03:37,169 --> 00:03:41,539  
miraculous and actually speaking about

92  
00:03:38,819 --> 00:03:45,449  
our reporter Kylie she is one of the

93  
00:03:41,539 --> 00:03:48,060  
presenters hmm at the rise of atheism

94  
00:03:45,449 --> 00:03:50,189  
conference happening right now wool

95  
00:03:48,060 --> 00:03:52,770  
that's our Dominus in Melbourne the rise

96  
00:03:50,189 --> 00:03:54,959  
of atheists yeah with Richard Dawkins pz

97  
00:03:52,770 --> 00:03:57,000  
myers she's all the non atheists are

98  
00:03:54,959 --> 00:03:59,219  
gonna see that as like yeah that's Satan

99  
00:03:57,000 --> 00:04:00,659  
coming out of the ground and taking over

100  
00:03:59,219 --> 00:04:02,609

the whole field come down to the ground

101

00:04:00,659 --> 00:04:06,509

does he need a doesn't fall from the sky

102

00:04:02,610 --> 00:04:08,490

um actually that's it that's that's this

103

00:04:06,509 --> 00:04:10,349

good scientific questions must

104

00:04:08,490 --> 00:04:12,540

investigate a was a snake in a tree

105

00:04:10,349 --> 00:04:14,609

wasn't he ah was he he's I oh my god

106

00:04:12,539 --> 00:04:17,310

he's very easy he's deceptive he's a

107

00:04:14,610 --> 00:04:18,930

deceiver so whatever you think yes he's

108

00:04:17,310 --> 00:04:20,280

doing something different even if you

109

00:04:18,930 --> 00:04:21,569

know what he's doing even if you know

110

00:04:20,279 --> 00:04:24,179

you don't know you don't even if he

111

00:04:21,569 --> 00:04:26,699

tells you he's lying so you can assume

112

00:04:24,180 --> 00:04:28,379

he's lying about everything you know but

113

00:04:26,699 --> 00:04:31,529

that's a lie even the fact that he's

114

00:04:28,379 --> 00:04:32,759

lying he's lying that's amazing you

115  
00:04:31,529 --> 00:04:34,769  
wonder why people get so confused on why

116  
00:04:32,759 --> 00:04:37,288  
there's a rise in atheism reg why

117  
00:04:34,769 --> 00:04:39,389  
exactly why because they're so confused

118  
00:04:37,288 --> 00:04:40,649  
you know from the truth all right yeah

119  
00:04:39,389 --> 00:04:42,509  
well that's pretty cool that's pretty

120  
00:04:40,649 --> 00:04:44,610  
cool so well done Kylie so everybody

121  
00:04:42,509 --> 00:04:46,468  
who's just downloaded as shown if you're

122  
00:04:44,610 --> 00:04:48,538  
at the conference say hi to Kylie yes

123  
00:04:46,468 --> 00:04:51,180  
she's a bit of a legend he's a bit of a

124  
00:04:48,538 --> 00:04:53,759  
legend and that's followed by another

125  
00:04:51,180 --> 00:04:55,050  
extended think tank an extended thing

126  
00:04:53,759 --> 00:04:56,699  
taking what happened a couple extra

127  
00:04:55,050 --> 00:04:58,139  
beers or something well actually no you

128  
00:04:56,699 --> 00:05:00,389  
weren't drinking that time oh really

129  
00:04:58,139 --> 00:05:04,110  
you're just chatting away yeah yeah okay

130  
00:05:00,389 --> 00:05:06,119  
only any exciting topics of conversation

131  
00:05:04,110 --> 00:05:08,309  
or should we just wait always exciting

132  
00:05:06,119 --> 00:05:10,649  
notice a competency always in the old

133  
00:05:08,309 --> 00:05:12,629  
think tank and by the way talking about

134  
00:05:10,649 --> 00:05:14,639  
that pz myers a bit earlier he's going

135  
00:05:12,629 --> 00:05:16,559  
to be in Canberra for the Canberra

136  
00:05:14,639 --> 00:05:19,459  
skeptics in the pub on saturday the

137  
00:05:16,559 --> 00:05:22,439  
twentieth march King o'malley's irish

138  
00:05:19,459 --> 00:05:25,288  
pub hey and is he going to be doing any

139  
00:05:22,439 --> 00:05:27,749  
music at all well pz myers doesn't we

140  
00:05:25,288 --> 00:05:29,848  
might alrighty miles at sony milton his

141  
00:05:27,749 --> 00:05:33,899  
immediate milk missing musician pz myers

142  
00:05:29,848 --> 00:05:38,009  
is the blogger blog on race day plays a

143

00:05:33,899 --> 00:05:40,800  
keyboard well the community but i'm

144  
00:05:38,009 --> 00:05:42,629  
having one of those days list is I jakim

145  
00:05:40,800 --> 00:05:44,550  
it's the jackhammers the crystals are

146  
00:05:42,629 --> 00:05:47,249  
all out of alignment it's not happening

147  
00:05:44,550 --> 00:05:49,889  
no it's not at all oh and how's your

148  
00:05:47,249 --> 00:05:51,389  
actual career because I you've been kind

149  
00:05:49,889 --> 00:05:53,009  
of fleeting all over the world doing all

150  
00:05:51,389 --> 00:05:55,050  
kinds of things any any big news for you

151  
00:05:53,009 --> 00:05:58,199  
coming up well apart from the fact that

152  
00:05:55,050 --> 00:06:01,228  
we're lining up Tam Australia are which

153  
00:05:58,199 --> 00:06:03,419  
is gonna be massive in layton over the

154  
00:06:01,228 --> 00:06:06,058  
crystal mines at it again in late

155  
00:06:03,418 --> 00:06:10,558  
November are getting ready for Tam las

156  
00:06:06,059 --> 00:06:13,469  
vegas wednesday that's in jul jun now

157  
00:06:10,559 --> 00:06:15,930

july july right in las vegas and Dragon

158

00:06:13,468 --> 00:06:18,808

Con in September in Atlanta and I'm

159

00:06:15,930 --> 00:06:21,809

trying to wangle my way see how I go to

160

00:06:18,809 --> 00:06:23,969

going to Tam London are you angler you

161

00:06:21,809 --> 00:06:25,769

you are probably the most jet-setting

162

00:06:23,968 --> 00:06:27,899

skeptic on the planet of the moment I

163

00:06:25,769 --> 00:06:30,538

would suggest ah Richard Dawkins

164

00:06:27,899 --> 00:06:34,759

probably a jet-set Archer now he's not a

165

00:06:30,538 --> 00:06:37,378

skeptic he believes in evolution well

166

00:06:34,759 --> 00:06:39,269

adjusting the point I I don't think he

167

00:06:37,379 --> 00:06:40,889

even he would say that I'd I just

168

00:06:39,269 --> 00:06:43,019

kidding though I'm a big fan of Richard

169

00:06:40,889 --> 00:06:44,728

Dawkins good on rigid organs yeah I hope

170

00:06:43,019 --> 00:06:46,168

he's having a good time in Melbourne he

171

00:06:44,728 --> 00:06:48,359

was in Sydney of course a few days ago

172  
00:06:46,168 --> 00:06:49,408  
did you catch up with it I did not I do

173  
00:06:48,360 --> 00:06:50,788  
not because I

174  
00:06:49,408 --> 00:06:53,248  
we'll be catching up with him in Las

175  
00:06:50,788 --> 00:06:55,168  
Vegas ah right and he's you're a heavy

176  
00:06:53,249 --> 00:06:58,679  
schedule so even someone as legendary as

177  
00:06:55,168 --> 00:07:00,139  
you has to wait in line I would look at

178  
00:06:58,678 --> 00:07:02,488  
me and say who the hell you know I

179  
00:07:00,139 --> 00:07:03,838  
that's what what happened but now this

180  
00:07:02,488 --> 00:07:05,579  
is a saying where the hell's the show

181  
00:07:03,838 --> 00:07:07,709  
they certainly are like an i can

182  
00:07:05,579 --> 00:07:08,699  
understand that I do apologize like I

183  
00:07:07,709 --> 00:07:10,738  
say the crystals are all out of

184  
00:07:08,699 --> 00:07:13,399  
alignment today so let's just get all

185  
00:07:10,738 --> 00:07:13,399  
the words doing

186  
00:07:30,060 --> 00:07:32,120  
Oh

187  
00:07:38,209 --> 00:07:45,168  
I'm Carly Sturgis and I'm talking to

188  
00:07:40,939 --> 00:07:47,449  
Milton mckie DS milton lives in London

189  
00:07:45,168 --> 00:07:49,969  
and is currently working on his ph.d at

190  
00:07:47,449 --> 00:07:52,939  
the same time he's a bandleader composer

191  
00:07:49,970 --> 00:07:56,270  
and an artist of many different forms of

192  
00:07:52,939 --> 00:07:59,000  
music as a leukemia survivor and

193  
00:07:56,269 --> 00:08:01,370  
continuing activist his blog entries and

194  
00:07:59,000 --> 00:08:04,490  
YouTube videos are available at his milk

195  
00:08:01,370 --> 00:08:08,209  
central site in addition to that you can

196  
00:08:04,490 --> 00:08:10,728  
also listen to episode 153 of the

197  
00:08:08,209 --> 00:08:12,649  
geologic podcast we're both milton and

198  
00:08:10,728 --> 00:08:15,709  
his wife bridget talk about their

199  
00:08:12,649 --> 00:08:18,348  
experiences for this interview i decided

200

00:08:15,709 --> 00:08:24,079  
to focus on milton's music in particular

201  
00:08:18,348 --> 00:08:26,060  
how science has inspired him well you're

202  
00:08:24,079 --> 00:08:28,038  
always interested in a career in music

203  
00:08:26,060 --> 00:08:30,560  
because looking over your biography I

204  
00:08:28,038 --> 00:08:32,809  
can see that you graduated with the BSC

205  
00:08:30,560 --> 00:08:35,750  
from the London School of Economics no

206  
00:08:32,809 --> 00:08:38,389  
it wasn't actually my father was a

207  
00:08:35,750 --> 00:08:41,418  
physicist nuclear physicist at CERN and

208  
00:08:38,389 --> 00:08:44,269  
so I grew up near the particle

209  
00:08:41,418 --> 00:08:46,669  
accelerator there and so I was really

210  
00:08:44,269 --> 00:08:48,159  
into space and physics as a kid and he

211  
00:08:46,669 --> 00:08:50,958  
used to go around and see these

212  
00:08:48,159 --> 00:08:53,750  
incredible particle accelerators and I

213  
00:08:50,958 --> 00:08:55,489  
would stare for their inception of the

214  
00:08:53,750 --> 00:08:57,589

internet and I used to play on those

215

00:08:55,490 --> 00:08:59,810

computers and chat to my dead from a

216

00:08:57,589 --> 00:09:02,750

different office and he taught me a

217

00:08:59,809 --> 00:09:05,989

little bit of Fortran a computer

218

00:09:02,750 --> 00:09:08,809

language and so I was utterly into

219

00:09:05,990 --> 00:09:10,879

science as a kid but I didn't see it as

220

00:09:08,809 --> 00:09:12,229

science or anything like that I just saw

221

00:09:10,879 --> 00:09:14,450

it's beautiful because I've walk into

222

00:09:12,230 --> 00:09:17,389

this place and there was aesthetically

223

00:09:14,450 --> 00:09:20,930

beautiful imagery and I didn't really

224

00:09:17,389 --> 00:09:24,740

separate that aesthetic of science with

225

00:09:20,929 --> 00:09:26,659

art and I still don't actually so I

226

00:09:24,740 --> 00:09:29,028

wasn't specifically into music from the

227

00:09:26,659 --> 00:09:32,088

beginning but I've always had an

228

00:09:29,028 --> 00:09:34,909

aesthetic appreciation of of science

229  
00:09:32,089 --> 00:09:37,520  
which feeds into my music that's it and

230  
00:09:34,909 --> 00:09:40,969  
music came a little later Oh music

231  
00:09:37,519 --> 00:09:45,259  
actually was when I heard my uncle gave

232  
00:09:40,970 --> 00:09:47,570  
me a tape of the Beatles and a one side

233  
00:09:45,259 --> 00:09:49,850  
was sergeant peppers and the other side

234  
00:09:47,570 --> 00:09:51,410  
was magical mystery tour and I think I

235  
00:09:49,850 --> 00:09:54,379  
probably spent a year listening to

236  
00:09:51,409 --> 00:09:57,259  
it was at once familiar and a once

237  
00:09:54,379 --> 00:09:58,940  
surprisingly amazing and a completely

238  
00:09:57,259 --> 00:10:01,639  
fell in love with music at that point

239  
00:09:58,940 --> 00:10:03,829  
but never pursued it on much later

240  
00:10:01,639 --> 00:10:06,528  
actually so what led you to change

241  
00:10:03,828 --> 00:10:08,958  
career direction I was good at maths and

242  
00:10:06,528 --> 00:10:11,299  
economics of school and without really

243  
00:10:08,958 --> 00:10:14,328  
thinking or considering what I wanted it

244  
00:10:11,299 --> 00:10:16,419  
was just natural to go to lse which was

245  
00:10:14,328 --> 00:10:20,019  
the most was kind of most prestigious

246  
00:10:16,419 --> 00:10:23,419  
economics school and I had some

247  
00:10:20,019 --> 00:10:26,289  
philanthropic ambition to if I could

248  
00:10:23,419 --> 00:10:29,599  
make poor people more wealthy without

249  
00:10:26,289 --> 00:10:31,909  
affecting more wealthy people than you

250  
00:10:29,600 --> 00:10:35,000  
know that's something I really want to

251  
00:10:31,909 --> 00:10:37,610  
do of course I after three years of

252  
00:10:35,000 --> 00:10:40,879  
studying economics I realize didn't want

253  
00:10:37,610 --> 00:10:43,519  
it that badly so about you and Mick

254  
00:10:40,879 --> 00:10:46,159  
Jagger both went to the same yeah we did

255  
00:10:43,519 --> 00:10:49,490  
no he was slightly before me i'm sure i

256  
00:10:46,159 --> 00:10:53,208  
think but I I would say yes and it was

257

00:10:49,490 --> 00:10:55,669  
it was an interesting place but mainly I

258  
00:10:53,208 --> 00:10:58,309  
learnt that I didn't I wasn't really

259  
00:10:55,669 --> 00:11:02,059  
into it but I I pushed through and

260  
00:10:58,309 --> 00:11:04,609  
completed it as as I worked on that I

261  
00:11:02,059 --> 00:11:07,250  
realized it wasn't really win my heart

262  
00:11:04,610 --> 00:11:09,709  
lay and as soon as I finish that degree

263  
00:11:07,250 --> 00:11:11,799  
I went to Berklee College of Music in

264  
00:11:09,708 --> 00:11:16,000  
Boston to study there and I just went

265  
00:11:11,799 --> 00:11:16,000  
straight switch basically

266  
00:12:23,730 --> 00:12:27,149  
when did you think you first started

267  
00:12:25,528 --> 00:12:30,509  
becoming a skeptic that's a good

268  
00:12:27,149 --> 00:12:32,129  
question that's a very good question is

269  
00:12:30,509 --> 00:12:34,259  
interesting cause certain events happen

270  
00:12:32,129 --> 00:12:35,490  
when I was younger which sort of led me

271  
00:12:34,259 --> 00:12:38,069

to believe that there was some

272

00:12:35,490 --> 00:12:40,470  
connection to everything and in

273

00:12:38,070 --> 00:12:42,690  
retrospect I realized that there was

274

00:12:40,470 --> 00:12:45,709  
just you know confirmation bias and so

275

00:12:42,690 --> 00:12:48,750  
on but there was one event when I was I

276

00:12:45,708 --> 00:12:50,698  
used to have to travel a lot by plane as

277

00:12:48,750 --> 00:12:52,440  
a kid to visit my parents I went to

278

00:12:50,698 --> 00:12:55,198  
boarding school and then there was one

279

00:12:52,440 --> 00:12:56,570  
airline flight where the plane was

280

00:12:55,198 --> 00:12:59,490  
delayed because they were looking for

281

00:12:56,570 --> 00:13:01,260  
someone called Stephanie chick that's

282

00:12:59,490 --> 00:13:03,480  
what I remember it clearly and we can

283

00:13:01,259 --> 00:13:04,799  
set off until she was found they didn't

284

00:13:03,480 --> 00:13:06,778  
find that I had to remove her luggage

285

00:13:04,799 --> 00:13:09,509  
and I was thinking did she change her

286  
00:13:06,778 --> 00:13:11,639  
mind did something happen physically

287  
00:13:09,509 --> 00:13:13,860  
happen to her you know it's just a kid

288  
00:13:11,639 --> 00:13:15,810  
but just thinking about that and then we

289  
00:13:13,860 --> 00:13:18,449  
arrived at the other end I got got home

290  
00:13:15,809 --> 00:13:20,369  
and then as I took my shoes off I found

291  
00:13:18,448 --> 00:13:23,429  
this sticker which was the luggage

292  
00:13:20,370 --> 00:13:27,269  
sticker with Stephanie chick with her

293  
00:13:23,429 --> 00:13:30,479  
name on the bottom of my shoe I just

294  
00:13:27,269 --> 00:13:32,220  
thought how hard how odd is that one of

295  
00:13:30,480 --> 00:13:33,569  
the chances that sort of thing it didn't

296  
00:13:32,220 --> 00:13:35,790  
I give me know what it meant and it

297  
00:13:33,568 --> 00:13:37,559  
didn't mean anything but I you know I

298  
00:13:35,789 --> 00:13:39,629  
really had thought about her and there

299  
00:13:37,559 --> 00:13:41,129  
she was in my shoes so these were the

300  
00:13:39,629 --> 00:13:43,019  
sort of odd things that were thinking

301  
00:13:41,129 --> 00:13:46,139  
but I was always sort of questioning

302  
00:13:43,019 --> 00:13:48,959  
what everything was from a young age and

303  
00:13:46,139 --> 00:13:52,289  
I remember really being five pondering

304  
00:13:48,958 --> 00:13:54,929  
the nature of time what time was night I

305  
00:13:52,289 --> 00:13:57,028  
remember thinking I can't imagine a time

306  
00:13:54,929 --> 00:13:59,099  
beyond this moment i'm living at the

307  
00:13:57,028 --> 00:14:01,350  
moment i know there will be one but i

308  
00:13:59,100 --> 00:14:03,509  
just can't imagine it I would kind of

309  
00:14:01,350 --> 00:14:05,550  
stop for a moment and I think I'm not

310  
00:14:03,509 --> 00:14:07,620  
going to let time go on any further than

311  
00:14:05,549 --> 00:14:10,229  
this point I'm just going to rein it in

312  
00:14:07,620 --> 00:14:13,350  
right here this'll be it the universe

313  
00:14:10,230 --> 00:14:15,600  
this is it right here and knowing that

314

00:14:13,350 --> 00:14:17,220  
it would dare win stop you know this

315  
00:14:15,600 --> 00:14:18,930  
sort of play that I would have and I

316  
00:14:17,220 --> 00:14:21,389  
would continue that I still do that now

317  
00:14:18,929 --> 00:14:23,638  
so I would always have this play with

318  
00:14:21,389 --> 00:14:25,730  
the world and reflect upon it as a as a

319  
00:14:23,639 --> 00:14:28,649  
kid and get into these sort of

320  
00:14:25,730 --> 00:14:30,269  
philosophical quandary zile that they

321  
00:14:28,649 --> 00:14:32,490  
used to find me under tables just

322  
00:14:30,269 --> 00:14:34,450  
thinking don't know why I had to do on

323  
00:14:32,490 --> 00:14:37,419  
the table but

324  
00:14:34,450 --> 00:14:39,460  
and I had a cousin story as well he was

325  
00:14:37,419 --> 00:14:41,919  
running around the beach eating

326  
00:14:39,460 --> 00:14:45,460  
cigarette butts I would just stare into

327  
00:14:41,919 --> 00:14:47,889  
space and just think and then looking in

328  
00:14:45,460 --> 00:14:49,870

the night sky lips it completely blew me

329

00:14:47,889 --> 00:14:53,319

away but I remember as a kid I had this

330

00:14:49,870 --> 00:14:56,799

book that was about future what we would

331

00:14:53,320 --> 00:14:58,810

expect to see in the future and you know

332

00:14:56,799 --> 00:15:01,709

it was about robots all the cool stuff

333

00:14:58,809 --> 00:15:05,969

you want to read about space travel I

334

00:15:01,710 --> 00:15:10,290

remember had settlements on on the moon

335

00:15:05,970 --> 00:15:13,779

awesome and bars and little trickier and

336

00:15:10,289 --> 00:15:15,490

and then it was wave energy they had

337

00:15:13,779 --> 00:15:17,709

these things on the oceans to collect

338

00:15:15,490 --> 00:15:19,629

the energy from the waves it was amazing

339

00:15:17,710 --> 00:15:22,629

and then it was going up to the year

340

00:15:19,629 --> 00:15:25,330

2000 what you'd expect to see a 2000 and

341

00:15:22,629 --> 00:15:28,750

robots in the home that's ah this is

342

00:15:25,330 --> 00:15:32,620

just amazing I just you know I can't

343  
00:15:28,750 --> 00:15:35,440  
wait and there was this one last picture

344  
00:15:32,620 --> 00:15:38,649  
and it said the year 3000 onwards and

345  
00:15:35,440 --> 00:15:41,260  
all it was it was like an eclipse earth

346  
00:15:38,649 --> 00:15:43,059  
a picture of an eclipse turth and it

347  
00:15:41,259 --> 00:15:46,419  
just said we have no idea what would

348  
00:15:43,059 --> 00:15:48,429  
happen the year 3000 onwards you know

349  
00:15:46,419 --> 00:15:50,979  
our imaginations can't reach that far

350  
00:15:48,429 --> 00:15:53,199  
and I remember looking at that and I did

351  
00:15:50,980 --> 00:15:55,539  
a quick calculation i just realized that

352  
00:15:53,200 --> 00:15:58,060  
I just wouldn't see it and they and I

353  
00:15:55,539 --> 00:16:00,459  
just I just SAT there it was probably

354  
00:15:58,059 --> 00:16:03,429  
about seven and just cried my eyes out

355  
00:16:00,460 --> 00:16:06,009  
ah nah not really that I died but

356  
00:16:03,429 --> 00:16:09,519  
because I wouldn't see it and so I

357  
00:16:06,009 --> 00:16:11,769  
always had this inquiring mind but the

358  
00:16:09,519 --> 00:16:13,659  
whole skeptic thing it was something

359  
00:16:11,769 --> 00:16:15,610  
that never really it never really

360  
00:16:13,659 --> 00:16:18,549  
bothered me what other people thought

361  
00:16:15,610 --> 00:16:21,879  
and what um you know I didn't consider

362  
00:16:18,549 --> 00:16:25,990  
beliefs until I think it might have been

363  
00:16:21,879 --> 00:16:29,590  
the selfish gene actually which I read

364  
00:16:25,990 --> 00:16:31,210  
when I was about 18 yeah because I

365  
00:16:29,590 --> 00:16:33,610  
remember someone earlier making this

366  
00:16:31,210 --> 00:16:36,610  
argument that I don't care how many

367  
00:16:33,610 --> 00:16:38,409  
times a creature falls from a tree it's

368  
00:16:36,610 --> 00:16:41,139  
not going to start growing a feather and

369  
00:16:38,409 --> 00:16:43,000  
it's a stupid argument but I couldn't

370  
00:16:41,139 --> 00:16:45,279  
see what was wrong with it I couldn't

371

00:16:43,000 --> 00:16:46,629  
see there was you know climbing mountain

372  
00:16:45,279 --> 00:16:48,399  
probable that was it

373  
00:16:46,629 --> 00:16:51,039  
I couldn't see that a feather one

374  
00:16:48,399 --> 00:16:54,009  
feather would make a difference or a

375  
00:16:51,039 --> 00:16:56,679  
layer of downy fur to flight not

376  
00:16:54,009 --> 00:16:58,569  
thinking about soaring and breaking

377  
00:16:56,679 --> 00:17:00,189  
falls and all these adaptation that

378  
00:16:58,570 --> 00:17:03,340  
could be used for another and I never

379  
00:17:00,190 --> 00:17:05,740  
thought about that so when I was just

380  
00:17:03,340 --> 00:17:07,980  
linking that idea of not knowing

381  
00:17:05,740 --> 00:17:10,000  
something and then I became interested

382  
00:17:07,980 --> 00:17:12,940  
becoming a more radical thinker of

383  
00:17:10,000 --> 00:17:14,680  
what's going on around you exactly but

384  
00:17:12,940 --> 00:17:17,078  
there was a very important book that

385  
00:17:14,680 --> 00:17:20,019

kind of got me on the road of skepticism

386

00:17:17,078 --> 00:17:24,578

in that it it did away with the need of

387

00:17:20,019 --> 00:17:26,289

a god and that was which isn't the

388

00:17:24,578 --> 00:17:29,379

intention of the book at all but it was

389

00:17:26,289 --> 00:17:32,409

going to lecture and bark eternal golden

390

00:17:29,380 --> 00:17:35,650

braid and it was the idea of levels and

391

00:17:32,410 --> 00:17:37,930

you know you've read it right absolutely

392

00:17:35,650 --> 00:17:41,410

so I love that book read it twice and

393

00:17:37,930 --> 00:17:44,799

wrote to Douglas hoffstadt and I was

394

00:17:41,410 --> 00:17:47,590

completely completely moved by it and

395

00:17:44,799 --> 00:17:49,799

the idea of you know i love asia so much

396

00:17:47,589 --> 00:17:52,119

and there is a big inspiration that and

397

00:17:49,799 --> 00:17:54,190

that's not you know you wouldn't think

398

00:17:52,119 --> 00:17:56,559

that's an atheist or a skeptical

399

00:17:54,190 --> 00:17:59,610

position but actually somehow I found

400  
00:17:56,559 --> 00:18:02,349  
that for example the whole ant colony

401  
00:17:59,609 --> 00:18:05,799  
likening to the human mind where each

402  
00:18:02,349 --> 00:18:09,429  
constituent part is not smart but the

403  
00:18:05,799 --> 00:18:12,599  
interaction creates intelligence and in

404  
00:18:09,430 --> 00:18:15,190  
a way that's quite it in for me that

405  
00:18:12,599 --> 00:18:17,980  
negates any need of our sort of higher

406  
00:18:15,190 --> 00:18:21,039  
presence because the higher presence can

407  
00:18:17,980 --> 00:18:23,500  
be emergent and so I think there was a

408  
00:18:21,039 --> 00:18:27,399  
kind of soft introduction into that

409  
00:18:23,500 --> 00:18:31,809  
world rather than suddenly deciding that

410  
00:18:27,400 --> 00:18:34,240  
I was going to kill god I just found a

411  
00:18:31,809 --> 00:18:35,279  
sort of me a more logical path I took a

412  
00:18:34,240 --> 00:18:38,069  
leap of

413  
00:18:35,279 --> 00:18:40,819  
it's the way I like to put it rob a

414  
00:18:38,069 --> 00:18:40,819  
liquor sale

415  
00:19:01,130 --> 00:19:03,190  
you

416  
00:19:31,359 --> 00:19:36,709  
quite a bit of this reflection ended up

417  
00:19:33,859 --> 00:19:39,139  
getting you a place at tam London as a

418  
00:19:36,710 --> 00:19:41,990  
special guest a scholarship to attend on

419  
00:19:39,140 --> 00:19:43,400  
the basis of us a called a life examined

420  
00:19:41,990 --> 00:19:46,339  
can you tell us a little more about that

421  
00:19:43,400 --> 00:19:49,330  
um that was a great honor and I was

422  
00:19:46,339 --> 00:19:52,490  
really thrilled to have one that

423  
00:19:49,329 --> 00:19:54,710  
strangely it's an essay that I didn't

424  
00:19:52,490 --> 00:19:58,490  
start till the day of the deadline and

425  
00:19:54,710 --> 00:20:01,759  
and finished it in literally four to

426  
00:19:58,490 --> 00:20:04,399  
five minutes just one go I wrote it off

427  
00:20:01,759 --> 00:20:06,379  
I other day I had to go to a friend's

428

00:20:04,398 --> 00:20:08,119  
wedding and then play all playing or

429  
00:20:06,380 --> 00:20:10,970  
when a different wedding gig that

430  
00:20:08,119 --> 00:20:13,278  
evening so in the morning I just thought

431  
00:20:10,970 --> 00:20:15,169  
oh it's the deadline unlike to watch I

432  
00:20:13,278 --> 00:20:17,630  
might as well do something did it

433  
00:20:15,169 --> 00:20:19,970  
basically in one go send it off to a

434  
00:20:17,630 --> 00:20:22,429  
couple of people like you I think yes

435  
00:20:19,970 --> 00:20:26,750  
for proofreading and then by the end of

436  
00:20:22,429 --> 00:20:29,630  
the day I sent it on via iphone to to

437  
00:20:26,750 --> 00:20:32,058  
the organizers obviously I've got some

438  
00:20:29,630 --> 00:20:34,070  
quite interesting material to put in to

439  
00:20:32,058 --> 00:20:35,839  
put in the essay I didn't have to you

440  
00:20:34,069 --> 00:20:38,269  
know I wouldn't have been able to do a

441  
00:20:35,839 --> 00:20:41,750  
very interesting as I think about on

442  
00:20:38,269 --> 00:20:44,798

like yours on on in on particular any

443

00:20:41,750 --> 00:20:47,778

particular skepticism or scientific or

444

00:20:44,798 --> 00:20:53,990

or you know or any references heaven

445

00:20:47,778 --> 00:20:58,009

forbid so you know I good material good

446

00:20:53,990 --> 00:20:59,808

material to work with I think so but I

447

00:20:58,009 --> 00:21:03,250

really enjoyed I really enjoyed writing

448

00:20:59,808 --> 00:21:06,889

it and to get positive feedback from

449

00:21:03,250 --> 00:21:10,009

James Randi I mean it's just just

450

00:21:06,890 --> 00:21:13,429

wonderful really just lovely now

451

00:21:10,009 --> 00:21:15,048

reflections upon space-time the future

452

00:21:13,429 --> 00:21:18,048

this was something you did as a child

453

00:21:15,048 --> 00:21:20,148

and we can see this continue on through

454

00:21:18,048 --> 00:21:22,369

all of your music as well I'm looking at

455

00:21:20,148 --> 00:21:24,918

your for example your listen page on

456

00:21:22,369 --> 00:21:27,168

your Milton murmur kds com site event

457  
00:21:24,919 --> 00:21:29,210  
horizon which was a composition inspired

458  
00:21:27,169 --> 00:21:31,370  
by quantum theory and particle physics

459  
00:21:29,210 --> 00:21:33,048  
we have blood lines which was inspired

460  
00:21:31,369 --> 00:21:35,509  
whilst you're in treatment for leukemia

461  
00:21:33,048 --> 00:21:38,650  
is there anything that doesn't inspire

462  
00:21:35,509 --> 00:21:41,980  
you from sites that's my question

463  
00:21:38,650 --> 00:21:43,750  
I don't I haven't found anything yes I

464  
00:21:41,980 --> 00:21:46,299  
mean there's there's there's of those

465  
00:21:43,750 --> 00:21:51,130  
countless things that I haven't written

466  
00:21:46,299 --> 00:21:54,240  
a piece about but I doubt that you could

467  
00:21:51,130 --> 00:21:58,170  
find something that wouldn't be

468  
00:21:54,240 --> 00:22:02,109  
interesting and and wouldn't be

469  
00:21:58,170 --> 00:22:04,840  
applicable to some musical form or other

470  
00:22:02,109 --> 00:22:07,419  
I i can't i can't think of any sort too

471  
00:22:04,839 --> 00:22:09,549  
damn interesting what's your PhD going

472  
00:22:07,420 --> 00:22:12,850  
to be focusing upon i have had a look at

473  
00:22:09,549 --> 00:22:17,019  
a little bit of it I mean the PhD is

474  
00:22:12,849 --> 00:22:20,429  
it's a PhD in electronic composition but

475  
00:22:17,019 --> 00:22:23,680  
it's electronic composition that is

476  
00:22:20,430 --> 00:22:26,440  
derived from an understanding of jazz

477  
00:22:23,680 --> 00:22:31,000  
improvisation which is what my formal

478  
00:22:26,440 --> 00:22:33,279  
training is from Bert college let me see

479  
00:22:31,000 --> 00:22:35,700  
how we're going to should be able to do

480  
00:22:33,279 --> 00:22:38,740  
this succinctly obviously I can't but

481  
00:22:35,700 --> 00:22:41,340  
essentially okay I'm going to do in one

482  
00:22:38,740 --> 00:22:44,250  
sentence now the reapplication above

483  
00:22:41,339 --> 00:22:47,799  
improvisational mechanisms in a

484  
00:22:44,250 --> 00:22:50,829  
stylistically diverse or folio of new

485

00:22:47,799 --> 00:22:55,079  
electronic works very well done that's

486  
00:22:50,829 --> 00:22:55,079  
it there you go there you can

487  
00:23:06,700 --> 00:23:08,789  
you

488  
00:23:28,880 --> 00:23:34,890  
aren't you currently involved in some

489  
00:23:31,319 --> 00:23:39,359  
way with the the film of store actually

490  
00:23:34,890 --> 00:23:41,790  
yes I I they've redone the music with

491  
00:23:39,359 --> 00:23:44,639  
live players and I am Bridget and I

492  
00:23:41,789 --> 00:23:47,339  
transcribed the original which was in a

493  
00:23:44,640 --> 00:23:50,880  
sort of loop based sampled version of it

494  
00:23:47,339 --> 00:23:54,659  
of okay sorry let me talk in English not

495  
00:23:50,880 --> 00:23:58,919  
Muse otech speed 22 mentions original

496  
00:23:54,660 --> 00:24:01,230  
version has was constructed with loops

497  
00:23:58,919 --> 00:24:04,799  
which are sort of prepared musical

498  
00:24:01,230 --> 00:24:06,870  
moments and sections of they're not real

499  
00:24:04,798 --> 00:24:09,629

as well a recorded real instruments but

500

00:24:06,869 --> 00:24:12,389

they are sort of inflexible in that way

501

00:24:09,630 --> 00:24:14,460

and they because they have to stretch to

502

00:24:12,390 --> 00:24:16,559

fix the time so on the sound quality

503

00:24:14,460 --> 00:24:20,130

isn't great I mean it's an it sounds

504

00:24:16,558 --> 00:24:22,079

great for live and so on but whenever

505

00:24:20,130 --> 00:24:25,260

he's recorded it he's used live players

506

00:24:22,079 --> 00:24:27,389

so to do when the storm movie came about

507

00:24:25,259 --> 00:24:29,819

it was a good opportunity to do a nice

508

00:24:27,390 --> 00:24:32,880

recording of it with real players who

509

00:24:29,819 --> 00:24:35,220

can respond to what is playing and so

510

00:24:32,880 --> 00:24:36,600

Bridget and I transcribed the original

511

00:24:35,220 --> 00:24:38,730

one which was quite an undertaking

512

00:24:36,599 --> 00:24:41,459

because it's over nine minutes and

513

00:24:38,730 --> 00:24:43,200

complicated and then recorded at the

514  
00:24:41,460 --> 00:24:46,230  
Royal Academy and got and it sounds

515  
00:24:43,200 --> 00:24:47,940  
really nice so yes so I was very happy

516  
00:24:46,230 --> 00:24:49,860  
to be involved you know the funny thing

517  
00:24:47,940 --> 00:24:51,509  
is is that I've asked you about all the

518  
00:24:49,859 --> 00:24:53,969  
things you've done and I haven't even

519  
00:24:51,509 --> 00:24:56,069  
mentioned that on your site on milk

520  
00:24:53,970 --> 00:24:58,860  
central people can see the videos and

521  
00:24:56,069 --> 00:25:01,019  
the blogging of your battle with cancer

522  
00:24:58,859 --> 00:25:03,149  
and so people can even go there and read

523  
00:25:01,019 --> 00:25:06,119  
the history oh yeah we haven't mentioned

524  
00:25:03,150 --> 00:25:08,400  
their cancer be not was only friction

525  
00:25:06,119 --> 00:25:10,619  
you're just so multifaceted then it was

526  
00:25:08,400 --> 00:25:12,720  
like oh yes and is that as well but how

527  
00:25:10,619 --> 00:25:15,119  
that inspired your music certainly yeah

528  
00:25:12,720 --> 00:25:16,769  
I'm kind of pulling away from that I'm

529  
00:25:15,119 --> 00:25:19,949  
still involved with leukemia research

530  
00:25:16,769 --> 00:25:23,789  
and and people I'm contacted all the

531  
00:25:19,950 --> 00:25:26,250  
time by you the newly diagnosed but I'm

532  
00:25:23,789 --> 00:25:29,129  
trying you know I don't want to sort of

533  
00:25:26,250 --> 00:25:31,548  
play that over play that card and I've I

534  
00:25:29,130 --> 00:25:34,909  
don't want it to come just a couple bro

535  
00:25:31,548 --> 00:25:36,618  
can record and so you know I'm trying to

536  
00:25:34,909 --> 00:25:38,419  
push on with our stuff but it was a very

537  
00:25:36,618 --> 00:25:41,898  
sort of important experience in my life

538  
00:25:38,419 --> 00:25:43,309  
so I can't negate it negate it

539  
00:25:41,898 --> 00:25:46,878  
completely but I'm happy to talk about

540  
00:25:43,308 --> 00:25:48,980  
that as well it was it see this is where

541  
00:25:46,878 --> 00:25:51,079  
I get grumpy you a bloody George cuz he

542

00:25:48,980 --> 00:25:55,190  
stole the goddamn good questions as you

543  
00:25:51,079 --> 00:25:57,408  
can see but yeah that's why I thought

544  
00:25:55,190 --> 00:26:00,379  
okay in this interview i'm going to move

545  
00:25:57,409 --> 00:26:03,169  
more towards the science and the Georges

546  
00:26:00,378 --> 00:26:05,449  
awesome George's is great and that was

547  
00:26:03,169 --> 00:26:07,759  
yeah I contacted him because I had to

548  
00:26:05,450 --> 00:26:11,480  
tell him how good he was basically but I

549  
00:26:07,759 --> 00:26:13,429  
just like that skeptic who's doing stuff

550  
00:26:11,480 --> 00:26:15,649  
you know who's that's the sort of thing

551  
00:26:13,429 --> 00:26:18,320  
I well I could it was a musician as well

552  
00:26:15,648 --> 00:26:21,498  
so is very interesting and then that

553  
00:26:18,319 --> 00:26:23,480  
sort of delivery of skeptical view

554  
00:26:21,499 --> 00:26:32,419  
points in a humorous way it's very

555  
00:26:23,480 --> 00:26:37,308  
refreshing it's been quite a long while

556  
00:26:32,419 --> 00:26:40,570

since I change the theme wonder if

557

00:26:37,308 --> 00:26:40,569

Milton would let me

558

00:26:45,480 --> 00:26:52,298

tional reasons mm-hmm brothers same

559

00:26:50,109 --> 00:26:53,918

viewpoint is very nice for you to be

560

00:26:52,298 --> 00:26:55,450

asking about my music and stuff like

561

00:26:53,919 --> 00:26:57,820

that it makes it as a nice change

562

00:26:55,450 --> 00:27:01,600

because i've got i've been into a bead

563

00:26:57,819 --> 00:27:03,609

on you know on radio and on newspapers

564

00:27:01,599 --> 00:27:06,839

all talking about my you know my

565

00:27:03,609 --> 00:27:09,579

leukemia or so brave all that crap and

566

00:27:06,839 --> 00:27:11,619

so it's really nice to talk about other

567

00:27:09,579 --> 00:27:14,019

stuff to be honest you see the thing is

568

00:27:11,619 --> 00:27:17,019

we're all subject to these to these

569

00:27:14,019 --> 00:27:19,418

things and that's why I'm careful

570

00:27:17,019 --> 00:27:24,759

knotted and I don't manage it but it's

571  
00:27:19,419 --> 00:27:29,320  
UNK I dry not to be too snobby or or

572  
00:27:24,759 --> 00:27:32,589  
superior yeah because we're all subject

573  
00:27:29,319 --> 00:27:36,069  
to it I mean most of my day I I spend my

574  
00:27:32,589 --> 00:27:38,619  
time doing irrational things at you know

575  
00:27:36,069 --> 00:27:40,329  
and well some things you know aren't

576  
00:27:38,619 --> 00:27:42,789  
irrational if they make you feel better

577  
00:27:40,329 --> 00:27:45,789  
in a way you know if you know what I

578  
00:27:42,789 --> 00:27:47,798  
mean it's I do some things which I'm not

579  
00:27:45,789 --> 00:27:49,269  
doing a actually here's an economics

580  
00:27:47,798 --> 00:27:51,220  
thing you know there was these all these

581  
00:27:49,269 --> 00:27:52,798  
mathematical models where everybody did

582  
00:27:51,220 --> 00:27:55,240  
high level of calculus trying to

583  
00:27:52,798 --> 00:27:58,119  
maximize their personal utility or

584  
00:27:55,240 --> 00:28:01,089  
happiness you know and kind of put me

585  
00:27:58,119 --> 00:28:03,399  
off because I just know that even if we

586  
00:28:01,089 --> 00:28:05,199  
had that we'd be doing some little day

587  
00:28:03,400 --> 00:28:08,820  
and not living you know so there's

588  
00:28:05,200 --> 00:28:12,100  
certain there's certain things that and

589  
00:28:08,819 --> 00:28:15,039  
instinctual and also there is happiness

590  
00:28:12,099 --> 00:28:16,689  
in some sort of irrationality the you

591  
00:28:15,039 --> 00:28:18,789  
know the rationality of music and love

592  
00:28:16,690 --> 00:28:20,679  
and all those things are in a way

593  
00:28:18,789 --> 00:28:24,519  
irrational other than they give you

594  
00:28:20,679 --> 00:28:27,970  
great pleasure so I i think my beef is

595  
00:28:24,519 --> 00:28:32,220  
really when Anna rationality spills into

596  
00:28:27,970 --> 00:28:34,539  
the into the freedom of others and also

597  
00:28:32,220 --> 00:28:37,029  
scientific and medical progress that

598  
00:28:34,539 --> 00:28:38,980  
just pisses me off for you know I see it

599

00:28:37,029 --> 00:28:41,230  
quite violent on Twitter at times having

600  
00:28:38,980 --> 00:28:44,529  
fights with homeopath sonication well

601  
00:28:41,230 --> 00:28:46,450  
yeah I you know I this is one thing

602  
00:28:44,529 --> 00:28:48,639  
that's changed is that it does actually

603  
00:28:46,450 --> 00:28:51,220  
matter to me i was quite less affair

604  
00:28:48,640 --> 00:28:55,659  
with all this stuff but if someone's

605  
00:28:51,220 --> 00:28:57,308  
claiming to cure I mean I see I saw you

606  
00:28:55,659 --> 00:28:59,649  
know kids dying of leukemia

607  
00:28:57,308 --> 00:29:03,069  
and if I see it homeopath claiming to be

608  
00:28:59,648 --> 00:29:05,469  
able to cure it you know how can I not

609  
00:29:03,069 --> 00:29:08,558  
be offended or not at least ask the

610  
00:29:05,470 --> 00:29:11,019  
question are you sure about that you

611  
00:29:08,558 --> 00:29:14,109  
know this whole 1023 I took part in that

612  
00:29:11,019 --> 00:29:16,419  
because it thrives on ignorance really

613  
00:29:14,109 --> 00:29:18,278

and wishful thinking and I don't think

614

00:29:16,419 --> 00:29:21,999

that's the only way for a civilized

615

00:29:18,278 --> 00:29:24,220

society to behave in at least in the

616

00:29:21,999 --> 00:29:26,319

field of medicine you know if there's

617

00:29:24,220 --> 00:29:29,528

this conflating of herbal with

618

00:29:26,319 --> 00:29:33,038

homeopathy on TV with they took about 10

619

00:29:29,528 --> 00:29:34,929

23 and these phonons and why do I have

620

00:29:33,038 --> 00:29:38,288

to know it better than their you know I

621

00:29:34,929 --> 00:29:40,240

know what homeopathy is and and what it

622

00:29:38,288 --> 00:29:43,929

claims to be and how it claims to work

623

00:29:40,240 --> 00:29:46,240

and yet on TV you see this you know I

624

00:29:43,929 --> 00:29:48,940

used to trust that people knew things

625

00:29:46,240 --> 00:29:51,599

better than I edition I wasn't staying

626

00:29:48,940 --> 00:29:51,600

that was a mistake

627

00:30:09,769 --> 00:30:11,829

you

628

00:30:36,400 --> 00:30:38,460

you

629

00:30:39,349 --> 00:30:45,480

but anyway so what happened after 10 23

630

00:30:42,599 --> 00:30:47,599

a lot of homeopaths claimed that of

631

00:30:45,480 --> 00:30:50,160

course it we went over dose because

632

00:30:47,599 --> 00:30:53,939

hurry up with his heart a homing up in

633

00:30:50,160 --> 00:30:56,300

his heart harmless and or be any amount

634

00:30:53,940 --> 00:30:59,220

of homeopathy is the same as one dose

635

00:30:56,299 --> 00:31:01,950

why they have recommended doses on their

636

00:30:59,220 --> 00:31:03,390

packets then I don't know but so they're

637

00:31:01,950 --> 00:31:05,190

saying oh you're their homing about knew

638

00:31:03,390 --> 00:31:10,080

that it's just the same as taking one

639

00:31:05,190 --> 00:31:12,420

try taking or a metallic own 10m twice a

640

00:31:10,079 --> 00:31:14,279

day for two weeks then you'll be you

641

00:31:12,420 --> 00:31:17,310

know then you'll be sorry then you'll be

642  
00:31:14,279 --> 00:31:19,139  
a believer and so that's what I've done

643  
00:31:17,309 --> 00:31:24,419  
I've gone and bought this thing called

644  
00:31:19,140 --> 00:31:26,880  
or a metallic am Oh 10 m m is a thousand

645  
00:31:24,420 --> 00:31:30,390  
see oh it's the Roman numerals of course

646  
00:31:26,880 --> 00:31:32,730  
yeah well it's not quite right because C

647  
00:31:30,390 --> 00:31:35,730  
would be a hundred and M would be a

648  
00:31:32,730 --> 00:31:38,490  
thousand a thousand but M is actually a

649  
00:31:35,730 --> 00:31:43,289  
thousand see so it's pretty illiterate

650  
00:31:38,490 --> 00:31:47,880  
so I've got 10,000 see which is 20,000 x

651  
00:31:43,289 --> 00:31:51,779  
I believe which is so beyond avocados

652  
00:31:47,880 --> 00:31:54,570  
number i like to call it that it's so

653  
00:31:51,779 --> 00:31:57,359  
beyond that that I mean it's just it is

654  
00:31:54,569 --> 00:32:00,990  
an incredible and it incredibly diluted

655  
00:31:57,359 --> 00:32:03,449  
and so I've been a homeopath has

656

00:32:00,990 --> 00:32:05,190  
challenged me to take these real we are

657  
00:32:03,450 --> 00:32:07,529  
going to start recording it today and

658  
00:32:05,190 --> 00:32:09,090  
you can follow those eggs for those

659  
00:32:07,529 --> 00:32:12,690  
exploits it's meant to cause suicidal

660  
00:32:09,089 --> 00:32:16,589  
depression so we'll see how i feel about

661  
00:32:12,690 --> 00:32:18,059  
it in two weeks I don't know and it you

662  
00:32:16,589 --> 00:32:21,000  
know this is ain't gonna make any

663  
00:32:18,059 --> 00:32:22,200  
difference to anybody but you know at

664  
00:32:21,000 --> 00:32:23,970  
least have gone through the process

665  
00:32:22,200 --> 00:32:26,759  
that's wonderful and it's all really

666  
00:32:23,970 --> 00:32:29,430  
exciting to see I've got a positive a

667  
00:32:26,759 --> 00:32:31,049  
skeptical approach and it's see I love

668  
00:32:29,430 --> 00:32:35,370  
Christopher Hitchens but I don't really

669  
00:32:31,049 --> 00:32:38,970  
want to be a whiskey sudden red smoke

670  
00:32:35,369 --> 00:32:41,129

you know living in constant annoyance

671

00:32:38,970 --> 00:32:44,400

because that's the problem is I went

672

00:32:41,130 --> 00:32:49,080

quite hard damn be anti anti backs roots

673

00:32:44,400 --> 00:32:51,330

as you guys well no you know that part

674

00:32:49,079 --> 00:32:53,879

and it's it's really her you know

675

00:32:51,329 --> 00:32:56,189

it's hurtful and there's only so much of

676

00:32:53,880 --> 00:32:58,860

that I want to expose myself to a day

677

00:32:56,190 --> 00:33:00,900

and you and dr. rachy I mean it to be up

678

00:32:58,859 --> 00:33:04,769

close to a Meryl Dora thing I mean

679

00:33:00,900 --> 00:33:06,690

there's a huge level of sort of me don't

680

00:33:04,769 --> 00:33:09,629

you feel your blood pressure rising with

681

00:33:06,690 --> 00:33:11,430

this with every encounter meeting the

682

00:33:09,630 --> 00:33:13,350

parents of Dinah McCaffrey was

683

00:33:11,430 --> 00:33:16,110

absolutely staggering that happened at

684

00:33:13,349 --> 00:33:18,240

the last Australian skeptics what's so

685  
00:33:16,109 --> 00:33:21,750  
wonderful that they're supportive I mean

686  
00:33:18,240 --> 00:33:24,299  
that's my real admiration is for like

687  
00:33:21,750 --> 00:33:27,839  
the parents of autistic children who are

688  
00:33:24,299 --> 00:33:31,619  
not anti backs and the death the

689  
00:33:27,839 --> 00:33:34,049  
McCaffrey's yeah so all of this and

690  
00:33:31,619 --> 00:33:35,519  
you're still a gigging musician so what

691  
00:33:34,049 --> 00:33:37,259  
other projects have you got now have you

692  
00:33:35,519 --> 00:33:42,269  
even got an album in the works for

693  
00:33:37,259 --> 00:33:44,089  
example um let's see uh yeah hang on let

694  
00:33:42,269 --> 00:33:48,750  
me think what should I tell you about

695  
00:33:44,089 --> 00:33:51,720  
okay it's fine yeah what's quite cause

696  
00:33:48,750 --> 00:33:53,039  
I've recently because I'm interested in

697  
00:33:51,720 --> 00:33:56,490  
all sorts of music not just this

698  
00:33:53,039 --> 00:34:00,170  
electronic nerdery but I love literally

699  
00:33:56,490 --> 00:34:02,940  
love or meet all types of music and

700  
00:34:00,170 --> 00:34:05,880  
recently there's a band who has asked me

701  
00:34:02,940 --> 00:34:08,970  
to join them who are called the Voodoo

702  
00:34:05,880 --> 00:34:13,590  
trombone quartet they're kind of

703  
00:34:08,969 --> 00:34:18,349  
well-known they it's scar and it's a

704  
00:34:13,590 --> 00:34:22,050  
sort of a new eclectic form of scar and

705  
00:34:18,349 --> 00:34:27,589  
the music area is on Ugly Betty and on

706  
00:34:22,050 --> 00:34:29,880  
being human and on MTV and various

707  
00:34:27,590 --> 00:34:32,720  
various TV shows I don't know if you

708  
00:34:29,880 --> 00:34:36,000  
know those ones but you know it's it's

709  
00:34:32,719 --> 00:34:38,039  
well-received music and it was

710  
00:34:36,000 --> 00:34:41,639  
originally a sort of studio band but now

711  
00:34:38,039 --> 00:34:44,429  
it's going live and so we have gigs all

712  
00:34:41,639 --> 00:34:47,339  
year which is great including the V

713

00:34:44,429 --> 00:34:50,190  
Festival be heard a big chill and

714  
00:34:47,340 --> 00:34:53,190  
Glastonbury which will all be funny yeah

715  
00:34:50,190 --> 00:34:54,690  
so that's it and I get to go out and

716  
00:34:53,190 --> 00:34:57,659  
play that sort of music which I'm

717  
00:34:54,690 --> 00:35:00,240  
completely loving loving doing and

718  
00:34:57,659 --> 00:35:03,299  
actually that's a interesting thing is

719  
00:35:00,239 --> 00:35:04,838  
that what's so called simple music like

720  
00:35:03,300 --> 00:35:06,579  
scar and rock I

721  
00:35:04,838 --> 00:35:09,219  
don't think of simple as tall I just

722  
00:35:06,579 --> 00:35:12,489  
don't think people people try and fit it

723  
00:35:09,219 --> 00:35:14,829  
into a classical analysis and miss all

724  
00:35:12,489 --> 00:35:18,249  
the good stuff every all music has is

725  
00:35:14,829 --> 00:35:21,519  
equally valid and equally is an equal

726  
00:35:18,248 --> 00:35:25,709  
opportunity to be of deep musical

727  
00:35:21,518 --> 00:35:25,709

expression without smothering

728

00:35:32,329 --> 00:35:34,389

you

729

00:35:58,400 --> 00:36:04,670

and what else do I have I've got oh I

730

00:36:01,608 --> 00:36:08,328

work with her a great young cellist

731

00:36:04,670 --> 00:36:11,329

called Peter Gregson who's on George

732

00:36:08,329 --> 00:36:17,890

Reeves album he is on his small comfort

733

00:36:11,329 --> 00:36:20,990

track and we do very interesting

734

00:36:17,889 --> 00:36:22,940

electronics and shallow live performanc

735

00:36:20,989 --> 00:36:25,129

it's sort of crossover classical

736

00:36:22,940 --> 00:36:27,920

electronic stuff I think it's very very

737

00:36:25,130 --> 00:36:30,380

beautiful and we've got several

738

00:36:27,920 --> 00:36:33,490

performances lined up in concert halls

739

00:36:30,380 --> 00:36:37,190

this year last year i did this great

740

00:36:33,489 --> 00:36:39,969

documentary on caffeine which was a and

741

00:36:37,190 --> 00:36:42,559

it was a planetarium movie which

742  
00:36:39,969 --> 00:36:44,929  
followed the path of a caffeine molecule

743  
00:36:42,559 --> 00:36:48,109  
huber through the human body that's

744  
00:36:44,929 --> 00:36:51,558  
amazing computer-animated planetarium

745  
00:36:48,108 --> 00:36:53,298  
movie and it and you fart and you follow

746  
00:36:51,559 --> 00:36:55,539  
this caffeine molecule until it docks

747  
00:36:53,298 --> 00:36:58,940  
with the newer and receptor in the brain

748  
00:36:55,539 --> 00:37:01,130  
causing a mild euphoria and it was

749  
00:36:58,940 --> 00:37:02,869  
absolutely wonderful and perfect for me

750  
00:37:01,130 --> 00:37:06,950  
because I got to learn about it ended

751  
00:37:02,869 --> 00:37:08,778  
cool sounds for it and it was premiered

752  
00:37:06,949 --> 00:37:11,719  
at the British Science Festival last

753  
00:37:08,778 --> 00:37:13,750  
year but now it's apparently going out

754  
00:37:11,719 --> 00:37:16,368  
internationally and it's going to go to

755  
00:37:13,750 --> 00:37:19,579  
Australia I've just heard Oh wonderful

756  
00:37:16,369 --> 00:37:23,170  
and as there's a place close to to

757  
00:37:19,579 --> 00:37:26,839  
Sydney it sounds like a comedy named

758  
00:37:23,170 --> 00:37:29,420  
Willa Gong Gong would work wollongong

759  
00:37:26,838 --> 00:37:31,250  
yeah it's that is that place that is

760  
00:37:29,420 --> 00:37:33,470  
indeed a place well that might be that

761  
00:37:31,250 --> 00:37:35,679  
one I think it sounds pretty close I

762  
00:37:33,469 --> 00:37:38,328  
know and that's really exciting of it

763  
00:37:35,679 --> 00:37:41,659  
people get to see that because that was

764  
00:37:38,329 --> 00:37:44,450  
a that was a lot of fun enough recently

765  
00:37:41,659 --> 00:37:45,769  
I did an album with a friend of mine

766  
00:37:44,449 --> 00:37:47,838  
which was a blend of jazz and

767  
00:37:45,769 --> 00:37:50,329  
electronics and that's being signed to

768  
00:37:47,838 --> 00:37:52,719  
devil wolf records and they want another

769  
00:37:50,329 --> 00:37:55,970  
album so that's going to take up my time

770

00:37:52,719 --> 00:37:58,909  
what else I just finished the tam tam

771  
00:37:55,969 --> 00:38:01,818  
London DVD for DVD I just scored that

772  
00:37:58,909 --> 00:38:05,039  
and that's coming out soon very soon so

773  
00:38:01,818 --> 00:38:07,099  
you'll get to see or what happened there

774  
00:38:05,039 --> 00:38:07,099  
you

775  
00:38:14,048 --> 00:38:18,498  
to learn more about Milton's ongoing

776  
00:38:16,818 --> 00:38:22,759  
adventures you can head to his official

777  
00:38:18,498 --> 00:38:24,618  
site at milk central com that will lead

778  
00:38:22,759 --> 00:38:27,949  
you both to his blog and the site that

779  
00:38:24,619 --> 00:38:33,460  
beaches all of these projects you can

780  
00:38:27,949 --> 00:38:36,669  
follow his Twitter's on wwe.com board /

781  
00:38:33,460 --> 00:38:36,670  
Milton MA

782  
00:39:36,949 --> 00:39:43,259  
terrorism conspiracy theories and the

783  
00:39:39,559 --> 00:39:46,589  
1979 Sydney Hilton bombing Lockerbie

784  
00:39:43,260 --> 00:39:48,960

bombing the 911 and London 77 bombings

785

00:39:46,588 --> 00:39:51,420

will be covered in a talk by adjunct

786

00:39:48,960 --> 00:39:54,119

professor Clive Williams this is a free

787

00:39:51,420 --> 00:39:55,740

talk going to be held in the acct here

788

00:39:54,119 --> 00:39:58,349

in Australia the Australian Capital

789

00:39:55,739 --> 00:40:02,699

Territory Monday the fifteenth of March

790

00:39:58,349 --> 00:40:06,539

2010 6 p.m. til 730 p.m. at the Finkel

791

00:40:02,699 --> 00:40:09,358

theater John Curtin school of medical

792

00:40:06,539 --> 00:40:12,359

research this is being held by the

793

00:40:09,358 --> 00:40:14,848

Canberra skeptics and the ANU strategic

794

00:40:12,358 --> 00:40:18,000

and defence studies centre sounds like a

795

00:40:14,849 --> 00:40:21,528

fascinating talk and you can find out

796

00:40:18,000 --> 00:40:24,298

more by dropping an email to a CT one

797

00:40:21,528 --> 00:40:28,548

and so that's a CT numeral one at

798

00:40:24,298 --> 00:40:28,548

skeptics com a you

799

00:40:33,269 --> 00:40:39,070

this is desirae host of Canadian radio

800

00:40:36,099 --> 00:40:41,199

show skeptically speaking so those of

801

00:40:39,070 --> 00:40:43,630

you that don't know Kenneth is quite

802

00:40:41,199 --> 00:40:46,000

similar to Australia people know is

803

00:40:43,630 --> 00:40:49,019

primarily for our weather in our beer

804

00:40:46,000 --> 00:40:53,170

and we have a queen just like you do

805

00:40:49,019 --> 00:40:55,329

same one as you do actually we also have

806

00:40:53,170 --> 00:40:57,670

mythical monsters and people who think

807

00:40:55,329 --> 00:40:59,139

they have psychic abilities and people

808

00:40:57,670 --> 00:41:02,079

who think that vaccinations are bad for

809

00:40:59,139 --> 00:41:04,179

you so keep listening to the skeptic

810

00:41:02,079 --> 00:41:10,779

zone and know that we're all in this

811

00:41:04,179 --> 00:41:22,509

together join us now for drinking

812

00:41:10,780 --> 00:41:27,519

skeptically in the think tank to city

813  
00:41:22,510 --> 00:41:31,750  
you go read as a good Diane you start

814  
00:41:27,519 --> 00:41:34,360  
everything around here I think do look

815  
00:41:31,750 --> 00:41:36,400  
you've gone bright red and game but i'd

816  
00:41:34,360 --> 00:41:39,220  
like to welcome you diane to the think

817  
00:41:36,400 --> 00:41:41,950  
tank hello thank you Richard and hello

818  
00:41:39,219 --> 00:41:44,379  
Iran hello Richard I'm already you're

819  
00:41:41,949 --> 00:41:47,739  
not ready no you're sort of a pinky sort

820  
00:41:44,380 --> 00:41:51,490  
of fleshy sort of oh yeah okay Joanne

821  
00:41:47,739 --> 00:41:53,799  
venom ooh pirate soon I and hello dr. H

822  
00:41:51,489 --> 00:41:55,989  
E hello Richard and hello to myself

823  
00:41:53,800 --> 00:41:57,310  
hello ever guess hello Richard cheers

824  
00:41:55,989 --> 00:42:02,709  
everybody welcome to the thing think

825  
00:41:57,309 --> 00:42:04,449  
again lovely mmm Diet Coke today hmm

826  
00:42:02,710 --> 00:42:07,210  
doesn't that have high fructose in it

827

00:42:04,449 --> 00:42:09,750  
which it doesn't great tink it does is

828  
00:42:07,210 --> 00:42:13,329  
that a bad thing yes it's poisonous or

829  
00:42:09,750 --> 00:42:15,429  
it's a miracle we're all alive is nice

830  
00:42:13,329 --> 00:42:17,590  
think that every morning now listen

831  
00:42:15,429 --> 00:42:21,759  
before we get good going let me just say

832  
00:42:17,590 --> 00:42:25,240  
that what a pleasure it was to come

833  
00:42:21,760 --> 00:42:28,000  
along and support dr. hu yesterday we

834  
00:42:25,239 --> 00:42:31,119  
recorded this yesterday ABC radio here

835  
00:42:28,000 --> 00:42:33,159  
in Sydney interviewed dr. H E as part of

836  
00:42:31,119 --> 00:42:35,529  
a show called

837  
00:42:33,159 --> 00:42:38,318  
so Chanel in conversation conversations

838  
00:42:35,530 --> 00:42:39,940  
with richard 5 i'm richard fidler and

839  
00:42:38,318 --> 00:42:42,489  
i'll put a link on the show notes but if

840  
00:42:39,940 --> 00:42:46,530  
you if listeners go to the ABC website

841  
00:42:42,489 --> 00:42:49,808

in australia which is ABCD net day you

842

00:42:46,530 --> 00:42:52,030

and look for radio in conversations with

843

00:42:49,809 --> 00:42:53,769

richard pilot you can download the whole

844

00:42:52,030 --> 00:42:55,930

interview with dr. hu which i thought

845

00:42:53,769 --> 00:42:58,449

was really good rich and fat louis belt

846

00:42:55,929 --> 00:43:00,730

if i do you I think that's correct dear

847

00:42:58,449 --> 00:43:03,909

yeah and in fact I'll just play a little

848

00:43:00,730 --> 00:43:05,530

segment from it now Rachel week let's

849

00:43:03,909 --> 00:43:07,389

talk about your role as a kind of public

850

00:43:05,530 --> 00:43:08,798

skeptic in in refuting what you see to

851

00:43:07,389 --> 00:43:11,588

be as unscientific claims I got an email

852

00:43:08,798 --> 00:43:13,509

yesterday from Tony and David McCaffrey

853

00:43:11,588 --> 00:43:14,619

and I've just paraphrase it they send me

854

00:43:13,510 --> 00:43:16,000

this lovely email saying we understand

855

00:43:14,619 --> 00:43:19,088

you're interviewing dr. Rachel Dunlop

856  
00:43:16,000 --> 00:43:21,159  
tomorrow to us rachel is a superhero our

857  
00:43:19,088 --> 00:43:24,489  
baby daughter Donna died from pertussis

858  
00:43:21,159 --> 00:43:25,989  
or whooping cough on 9th of March 2009

859  
00:43:24,489 --> 00:43:27,308  
after being airlifted from lismore base

860  
00:43:25,989 --> 00:43:28,989  
hospital to the Brisbane Marta

861  
00:43:27,309 --> 00:43:31,390  
children's pediatric intensive care unit

862  
00:43:28,989 --> 00:43:32,828  
we understand she was one of four babies

863  
00:43:31,389 --> 00:43:34,868  
airlifted from this area jingle during

864  
00:43:32,829 --> 00:43:37,119  
one of the worst medusa's epidemics on

865  
00:43:34,869 --> 00:43:38,890  
record we spoke up to warn other parents

866  
00:43:37,119 --> 00:43:40,420  
they wrote because we were never warned

867  
00:43:38,889 --> 00:43:41,858  
but we were absolutely shocked at the

868  
00:43:40,420 --> 00:43:43,809  
vitriol and lunacy that we were

869  
00:43:41,858 --> 00:43:45,880  
subjected to as a result if it were not

870  
00:43:43,809 --> 00:43:47,769  
for dr. rachey as you know sometimes in

871  
00:43:45,880 --> 00:43:49,869  
the Australian skeptics we would still

872  
00:43:47,769 --> 00:43:51,099  
be curled up in a corner but their care

873  
00:43:49,869 --> 00:43:53,890  
and support has helped us to start

874  
00:43:51,099 --> 00:43:55,809  
living again they say we praise and

875  
00:43:53,889 --> 00:43:56,920  
thank Rachel for her unerring dedication

876  
00:43:55,809 --> 00:43:59,079  
to give parents the facts about

877  
00:43:56,920 --> 00:44:01,990  
vaccinations and other medical issues

878  
00:43:59,079 --> 00:44:05,829  
and she is also an exceptionally caring

879  
00:44:01,989 --> 00:44:07,118  
person to boot is that nice this is an

880  
00:44:05,829 --> 00:44:10,180  
important problem it wasn't that lovely

881  
00:44:07,119 --> 00:44:13,289  
of them it was lovely and yesterday was

882  
00:44:10,179 --> 00:44:16,210  
actually the first anniversary of data

883  
00:44:13,289 --> 00:44:18,640  
so it was appropriate and yes the knows

884

00:44:16,210 --> 00:44:20,858  
that I was interviewed about this issue

885  
00:44:18,639 --> 00:44:23,409  
yesterday yeah I thought I thought that

886  
00:44:20,858 --> 00:44:24,880  
was that was wonderful so yes listeners

887  
00:44:23,409 --> 00:44:26,739  
please if you want to hear the full

888  
00:44:24,880 --> 00:44:29,230  
interview of dr. a she you know where to

889  
00:44:26,739 --> 00:44:31,719  
get it from the ABC website and I'm sure

890  
00:44:29,230 --> 00:44:33,789  
you'll enjoy listening to that as much

891  
00:44:31,719 --> 00:44:34,699  
as I enjoyed hearing it live in the

892  
00:44:33,789 --> 00:44:36,619  
studio it was

893  
00:44:34,699 --> 00:44:39,078  
was live yet it wasn't which is

894  
00:44:36,619 --> 00:44:41,720  
sometimes it did scare you but uh no why

895  
00:44:39,079 --> 00:44:44,060  
I'm gonna roll here now quickly mention

896  
00:44:41,719 --> 00:44:45,769  
that Richard Dawkins is in town and he's

897  
00:44:44,059 --> 00:44:47,088  
heading for Melbourne and but he's

898  
00:44:45,769 --> 00:44:49,369

already enough he's here already in

899

00:44:47,088 --> 00:44:52,088

Melbourne is he ok but last last night

900

00:44:49,369 --> 00:44:54,230

no the night before last ok no no no no

901

00:44:52,088 --> 00:44:56,719

we're recording this on a Wednesday so

902

00:44:54,230 --> 00:45:01,460

it was Monday night he was on a national

903

00:44:56,719 --> 00:45:06,529

program called Q&A which is a live panel

904

00:45:01,460 --> 00:45:09,530

show and they had also sitting next to

905

00:45:06,530 --> 00:45:11,450

him the parliamentary member Britain as

906

00:45:09,530 --> 00:45:14,089

a senator I'm sorry senator stephen

907

00:45:11,449 --> 00:45:20,569

fielding from the family firm is trista

908

00:45:14,088 --> 00:45:22,460

pardey representing 57,000 50 6735 or

909

00:45:20,570 --> 00:45:25,910

something they're about primary votes

910

00:45:22,460 --> 00:45:28,159

which is not a lot not a lot but it but

911

00:45:25,909 --> 00:45:30,618

Richard Dawkins soon flushed him out as

912

00:45:28,159 --> 00:45:32,629

a young ocean earth creationist and the

913  
00:45:30,619 --> 00:45:35,300  
look on Richard Dawkins spaces he's a

914  
00:45:32,630 --> 00:45:37,960  
parliamentarian good look on several

915  
00:45:35,300 --> 00:45:40,519  
people's faces that night was priceless

916  
00:45:37,960 --> 00:45:43,730  
are you taking talking about Julie

917  
00:45:40,519 --> 00:45:46,639  
Bishop I her child this joy I am yeah

918  
00:45:43,730 --> 00:45:48,260  
well funnily enough what people tend to

919  
00:45:46,639 --> 00:45:51,170  
do when they watch the show is get on

920  
00:45:48,260 --> 00:45:54,140  
Twitter and tweet and then hashtagit and

921  
00:45:51,170 --> 00:45:56,980  
the director of the ABC tweeters and

922  
00:45:54,139 --> 00:46:00,858  
statistics about monday night show today

923  
00:45:56,980 --> 00:46:03,139  
and he said that in America lost his

924  
00:46:00,858 --> 00:46:04,519  
watched by 10 million people and the

925  
00:46:03,139 --> 00:46:10,118  
recent episode there was something like

926  
00:46:04,519 --> 00:46:10,119  
eleven thousand tweets on Monday on QA

927

00:46:10,239 --> 00:46:15,259

450,000 people watched and there was

928

00:46:12,108 --> 00:46:17,838

something like six to five thousand 6500

929

00:46:15,260 --> 00:46:20,900

tweets which works out to be about a

930

00:46:17,838 --> 00:46:24,429

tenfold mmm the greater amount so i was

931

00:46:20,900 --> 00:46:27,820

i was involved in it you were you were

932

00:46:24,429 --> 00:46:31,199

yeah you two doing yes I mean it became

933

00:46:27,820 --> 00:46:33,820

a meme pretty quickly when Julie Bishop

934

00:46:31,199 --> 00:46:36,549

did that death stare down the barrel I

935

00:46:33,820 --> 00:46:38,500

just say I never mind I if I ever need

936

00:46:36,550 --> 00:46:43,090

sharks with laser beams on drugs i'm

937

00:46:38,500 --> 00:46:46,570

calling now i don't know if that's going

938

00:46:43,090 --> 00:46:48,400

to be available online as a list of

939

00:46:46,570 --> 00:46:50,620

listeners in australia couldn't go into

940

00:46:48,400 --> 00:46:52,559

the ABC website again and go to the eye

941

00:46:50,619 --> 00:46:55,329  
view I think you can download it

942  
00:46:52,559 --> 00:46:56,949  
probably good cause can I guess I think

943  
00:46:55,329 --> 00:46:59,139  
you may be able to get a visual ISM as a

944  
00:46:56,949 --> 00:47:01,269  
pod sort of a podcast type download or

945  
00:46:59,139 --> 00:47:03,250  
even download it from you my Q&A I'm the

946  
00:47:01,269 --> 00:47:04,989  
ABC with Richard Dawkins and a whole

947  
00:47:03,250 --> 00:47:07,840  
host of other people very very

948  
00:47:04,989 --> 00:47:10,769  
entertaining very entertaining and

949  
00:47:07,840 --> 00:47:15,070  
actually Richard that episode of QA was

950  
00:47:10,769 --> 00:47:18,070  
preceded by a very interesting expose of

951  
00:47:15,070 --> 00:47:20,559  
Scientology on the ABC show four corners

952  
00:47:18,070 --> 00:47:22,330  
you guys all saw that he was all

953  
00:47:20,559 --> 00:47:25,360  
together very good you need to be a

954  
00:47:22,329 --> 00:47:28,750  
skeptical it was it was quite a damning

955  
00:47:25,360 --> 00:47:30,250

insight into Scientology i must say i

956

00:47:28,750 --> 00:47:31,809

love us say it wasn't i don't think

957

00:47:30,250 --> 00:47:33,369

there was anything from the perspective

958

00:47:31,809 --> 00:47:35,440

of people who know about the shenanigans

959

00:47:33,369 --> 00:47:38,799

of Scientology i don't think there was

960

00:47:35,440 --> 00:47:40,480

anything new there mmm i mean there were

961

00:47:38,800 --> 00:47:41,800

purchased some some personal stories

962

00:47:40,480 --> 00:47:44,980

will you but in terms of what they do

963

00:47:41,800 --> 00:47:48,670

the methods that the internals yams the

964

00:47:44,980 --> 00:47:51,789

the corruption the car trips all those

965

00:47:48,670 --> 00:47:53,500

things you know well now the masquerade

966

00:47:51,789 --> 00:47:55,900

teachers are religious i was pleased to

967

00:47:53,500 --> 00:47:58,360

you this morning that you know a lot of

968

00:47:55,900 --> 00:48:00,579

the focus that the

969

00:47:58,360 --> 00:48:01,960

that for example makes an apartment

970  
00:48:00,579 --> 00:48:03,809  
other people have been looking at the

971  
00:48:01,960 --> 00:48:06,940  
moment of being about some of the

972  
00:48:03,809 --> 00:48:08,949  
financial dealings and so on some other

973  
00:48:06,940 --> 00:48:11,860  
Church of Scientology but Phillip

974  
00:48:08,949 --> 00:48:13,719  
majority this morning wanting a lot of a

975  
00:48:11,860 --> 00:48:16,420  
lot more focus we put on some of the

976  
00:48:13,719 --> 00:48:19,299  
dangerous psychological practices and

977  
00:48:16,420 --> 00:48:22,599  
that attacks that Scientologist make on

978  
00:48:19,300 --> 00:48:24,190  
psychiatry which i think is a good area

979  
00:48:22,599 --> 00:48:25,839  
of thing to be looking at it well yeah

980  
00:48:24,190 --> 00:48:27,700  
they issued a press release about that

981  
00:48:25,840 --> 00:48:31,450  
today Joe which dave the heavy singer

982  
00:48:27,699 --> 00:48:34,839  
sent around to me earlier today he's not

983  
00:48:31,449 --> 00:48:36,730  
here today no will you stay here mama

984  
00:48:34,840 --> 00:48:38,230  
big bump the Big Pharma's doing

985  
00:48:36,730 --> 00:48:40,119  
something else and he made the

986  
00:48:38,230 --> 00:48:43,059  
observation from this press release that

987  
00:48:40,119 --> 00:48:45,039  
some of the language and the tone and

988  
00:48:43,059 --> 00:48:47,259  
the sort of structure is quite similar

989  
00:48:45,039 --> 00:48:50,710  
to something you might see from say the

990  
00:48:47,260 --> 00:48:52,210  
anti-vaccination lobby so his suggestion

991  
00:48:50,710 --> 00:48:54,369  
was that perhaps the anti-vaccination

992  
00:48:52,210 --> 00:48:57,670  
what we do tend to behave a little bit

993  
00:48:54,369 --> 00:48:59,199  
like a cult hmm I'm just going to give

994  
00:48:57,670 --> 00:49:02,139  
you one example of a sentence that was

995  
00:48:59,199 --> 00:49:06,849  
in this press release and I want you to

996  
00:49:02,139 --> 00:49:09,849  
substitute psychiatric drugs and the

997  
00:49:06,849 --> 00:49:11,860  
other problems with vaccinations so have

998

00:49:09,849 --> 00:49:14,889  
a listen to this I'll read you their

999  
00:49:11,860 --> 00:49:16,780  
version and then I'll substitute we

1000  
00:49:14,889 --> 00:49:18,940  
support parents rights to be fully

1001  
00:49:16,780 --> 00:49:20,860  
informed about adverse reactions to

1002  
00:49:18,940 --> 00:49:23,679  
psychiatric drugs including heart

1003  
00:49:20,860 --> 00:49:25,510  
problems and suicidal behavior so they

1004  
00:49:23,679 --> 00:49:27,279  
can decide for themselves about any

1005  
00:49:25,510 --> 00:49:31,660  
treatment proposed for their families

1006  
00:49:27,280 --> 00:49:35,740  
mr. Brooks said whether it be nice

1007  
00:49:31,659 --> 00:49:37,929  
can I do it anyway we've support parents

1008  
00:49:35,739 --> 00:49:40,118  
right to be fully informed about adverse

1009  
00:49:37,929 --> 00:49:42,460  
reactions to vaccination including

1010  
00:49:40,119 --> 00:49:44,170  
autism and seeds so they can decide for

1011  
00:49:42,460 --> 00:49:48,539  
themselves about any treatment proposed

1012  
00:49:44,170 --> 00:49:48,539

with their families there's no Dori sick

1013

00:49:48,750 --> 00:49:53,199

what do you think about that I mean

1014

00:49:51,880 --> 00:49:54,430

that's stuck all through this press

1015

00:49:53,199 --> 00:49:56,649

release that you could just easily

1016

00:49:54,429 --> 00:50:00,940

change the words and it's the same thing

1017

00:49:56,650 --> 00:50:04,269

it's so many money now yeah where's the

1018

00:50:00,940 --> 00:50:07,420

donate link now just to remind long-term

1019

00:50:04,269 --> 00:50:09,369

think tank fans out there head that for

1020

00:50:07,420 --> 00:50:11,200

many months we were in our own sort of

1021

00:50:09,369 --> 00:50:14,608

semi-private room but now we're sort of

1022

00:50:11,199 --> 00:50:18,368

in the back part of a Chinese restroom

1023

00:50:14,608 --> 00:50:20,019

the next part of a choice if that's the

1024

00:50:18,369 --> 00:50:22,210

front as we're looking over there this

1025

00:50:20,019 --> 00:50:24,460

must be the back makes it so that we're

1026

00:50:22,210 --> 00:50:31,150

in some seedy in a town without the back

1027  
00:50:24,460 --> 00:50:33,579  
of the crates well finally let me just

1028  
00:50:31,150 --> 00:50:36,430  
let everybody know and those Australian

1029  
00:50:33,579 --> 00:50:38,380  
listeners and maybe international who

1030  
00:50:36,429 --> 00:50:39,909  
subscribed to our magazine or the

1031  
00:50:38,380 --> 00:50:45,548  
magazine of Australian skeptics i should

1032  
00:50:39,909 --> 00:50:47,920  
say verte skeptic volume 30 Wow number

1033  
00:50:45,548 --> 00:50:50,679  
one so it's been going for 30 years of

1034  
00:50:47,920 --> 00:50:52,659  
the skeptic I've just received mine in

1035  
00:50:50,679 --> 00:50:54,848  
the post today so lots of good stuff in

1036  
00:50:52,659 --> 00:50:56,980  
there actually can I just make a point

1037  
00:50:54,849 --> 00:50:59,859  
there's one article in here which around

1038  
00:50:56,980 --> 00:51:01,809  
and I were discussing over dinner can

1039  
00:50:59,858 --> 00:51:03,519  
you flip to it cuz order yeah i'm just

1040  
00:51:01,809 --> 00:51:05,589  
gonna dance about the air it's about

1041  
00:51:03,519 --> 00:51:11,889  
it's a critique of the book sweet poison

1042  
00:51:05,588 --> 00:51:13,088  
yep miss ARLA have we discussed no

1043  
00:51:11,889 --> 00:51:14,949  
I think we have maybe we should just

1044  
00:51:13,088 --> 00:51:18,880  
quickly mention what happened there yeah

1045  
00:51:14,949 --> 00:51:21,368  
maybe yeah so David Gillespie road so

1046  
00:51:18,880 --> 00:51:25,588  
he's a lawyer or next lawyer and he

1047  
00:51:21,369 --> 00:51:29,338  
wrote a book about but fructose

1048  
00:51:25,588 --> 00:51:31,630  
basically suggesting that the source of

1049  
00:51:29,338 --> 00:51:34,808  
moment pretty much all health problems

1050  
00:51:31,630 --> 00:51:36,490  
is cruisers but he was I think it was to

1051  
00:51:34,809 --> 00:51:39,339  
be very fair he was definitely talking

1052  
00:51:36,489 --> 00:51:40,868  
about obesity where he was he made a

1053  
00:51:39,338 --> 00:51:42,818  
point about lots of other ones but let's

1054  
00:51:40,869 --> 00:51:47,970  
focus on obesity basically he said that

1055

00:51:42,818 --> 00:51:50,619  
the obesity epidemic is due to increased

1056  
00:51:47,969 --> 00:51:52,989  
consumption of fructose and he made all

1057  
00:51:50,619 --> 00:51:55,180  
kinds of statements like it's it's

1058  
00:51:52,989 --> 00:51:57,879  
systemic poisoning it's a miracle that

1059  
00:51:55,179 --> 00:52:00,009  
we were still alive in light of SS

1060  
00:51:57,880 --> 00:52:01,568  
poisoning and he was a speaker at our

1061  
00:52:00,010 --> 00:52:05,019  
national convention in November last

1062  
00:52:01,568 --> 00:52:08,079  
year yeah and I I didn't know anything

1063  
00:52:05,018 --> 00:52:09,129  
about nothing many of us know I just

1064  
00:52:08,079 --> 00:52:12,369  
worry about what he was going to talk

1065  
00:52:09,130 --> 00:52:14,170  
about and I actually heard heard

1066  
00:52:12,369 --> 00:52:15,400  
something about it previously i think i

1067  
00:52:14,170 --> 00:52:17,500  
might even heard his Occam's razor

1068  
00:52:15,400 --> 00:52:20,380  
please because he was on ABC Radio

1069  
00:52:17,500 --> 00:52:22,268

National general cuz razor now thought

1070

00:52:20,380 --> 00:52:23,500

he had an interesting interesting point

1071

00:52:22,268 --> 00:52:25,868

of view and it's something interesting

1072

00:52:23,500 --> 00:52:27,940

to say but then he talked for about 45

1073

00:52:25,869 --> 00:52:30,480

minutes and it became abundantly clear

1074

00:52:27,940 --> 00:52:32,619

that he knew absolutely nothing about

1075

00:52:30,480 --> 00:52:34,659

what he was talking about it was quite

1076

00:52:32,619 --> 00:52:36,548

clear just from the examples it was

1077

00:52:34,659 --> 00:52:38,379

giving giving from the graphs from the

1078

00:52:36,548 --> 00:52:40,179

way he was presenting from the language

1079

00:52:38,380 --> 00:52:41,829

he was using it was quite clear that he

1080

00:52:40,179 --> 00:52:43,750

was a conspiracy theorist with no

1081

00:52:41,829 --> 00:52:45,309

knowledge of not just of these signs but

1082

00:52:43,750 --> 00:52:47,949

no knowledge of what science is all

1083

00:52:45,309 --> 00:52:51,789

about us all and rach and I questioned

1084  
00:52:47,949 --> 00:52:53,739  
him about about review about whether his

1085  
00:52:51,789 --> 00:52:55,660  
work has been reviewed and he turned out

1086  
00:52:53,739 --> 00:52:59,558  
that he was reviewed by two people one

1087  
00:52:55,659 --> 00:53:01,118  
of them who is his father in law and in

1088  
00:52:59,559 --> 00:53:05,048  
a medical doctor and the other one is

1089  
00:53:01,119 --> 00:53:08,170  
the scientist who is known to be a

1090  
00:53:05,048 --> 00:53:10,480  
promoter of this point of view so David

1091  
00:53:08,170 --> 00:53:11,769  
Gillespie might be a great lawyer but he

1092  
00:53:10,480 --> 00:53:14,559  
doesn't understand that in science you

1093  
00:53:11,768 --> 00:53:16,750  
the people you show you work to them

1094  
00:53:14,559 --> 00:53:18,549  
dude Joe it reviewed are the people who

1095  
00:53:16,750 --> 00:53:20,289  
disagree with you not the people who

1096  
00:53:18,550 --> 00:53:22,660  
agree with you otherwise it's it's

1097  
00:53:20,289 --> 00:53:24,519  
meaningless knew he was meaningless can

1098  
00:53:22,659 --> 00:53:27,190  
I just interrupt first on top of that he

1099  
00:53:24,519 --> 00:53:30,369  
presented the case as like a legal case

1100  
00:53:27,190 --> 00:53:32,679  
didn't he he had his at the beginning he

1101  
00:53:30,369 --> 00:53:34,150  
said fructose is a poison it's the cause

1102  
00:53:32,679 --> 00:53:36,279  
of a lot of health problems is he cause

1103  
00:53:34,150 --> 00:53:39,039  
of obesity and here's the evidence to

1104  
00:53:36,280 --> 00:53:41,650  
support that instead of the way science

1105  
00:53:39,039 --> 00:53:44,380  
works where you make observations you

1106  
00:53:41,650 --> 00:53:46,389  
look at a large body of work and then

1107  
00:53:44,380 --> 00:53:48,190  
you work out what the consensus is from

1108  
00:53:46,389 --> 00:53:50,379  
that or even if you have a null

1109  
00:53:48,190 --> 00:53:51,970  
hypothesis he didn't conduct any of his

1110  
00:53:50,380 --> 00:53:53,860  
own research so he couldn't have a null

1111  
00:53:51,969 --> 00:53:56,649  
hypothesis but what you would sometimes

1112

00:53:53,860 --> 00:53:59,800  
doing science is work out hypothesis but

1113  
00:53:56,650 --> 00:54:01,510  
then you try to prove it but it's not

1114  
00:53:59,800 --> 00:54:03,370  
wrong they try and disprove is rather

1115  
00:54:01,510 --> 00:54:05,890  
than proving you know basically what

1116  
00:54:03,369 --> 00:54:12,730  
happened was that later on Chris Forbes

1117  
00:54:05,889 --> 00:54:16,199  
you and a nutritionist from Tasmania he

1118  
00:54:12,730 --> 00:54:18,909  
did a caucus-race a piece that refuted

1119  
00:54:16,199 --> 00:54:21,429  
no Occam's razor is also welcomes razor

1120  
00:54:18,909 --> 00:54:23,559  
it's basically a radio ABC radio he did

1121  
00:54:21,429 --> 00:54:26,469  
an equivalent piece on Occam's razor

1122  
00:54:23,559 --> 00:54:29,110  
that refuted a lot of words David

1123  
00:54:26,469 --> 00:54:31,359  
Gillespie said so while I thought that

1124  
00:54:29,110 --> 00:54:33,280  
the problem with David Gillespie was

1125  
00:54:31,360 --> 00:54:34,539  
that it was not even wrong because there

1126  
00:54:33,280 --> 00:54:36,120

was no way to judge whether it was right

1127

00:54:34,539 --> 00:54:39,070

or wrong unless you were a specialist

1128

00:54:36,119 --> 00:54:41,349

chris is a specialist and he reviewed

1129

00:54:39,070 --> 00:54:45,070

the work and basically shown that not

1130

00:54:41,349 --> 00:54:47,230

only is David wrong he also was and not

1131

00:54:45,070 --> 00:54:50,019

only was he not understanding the

1132

00:54:47,230 --> 00:54:52,210

science he also was cherry picking and

1133

00:54:50,019 --> 00:54:54,909

and doing all kinds of things that

1134

00:54:52,210 --> 00:54:59,230

inside science are considered a big

1135

00:54:54,909 --> 00:55:01,329

no-no so i contacted chris and i seem to

1136

00:54:59,230 --> 00:55:03,039

write an article in a great article for

1137

00:55:01,329 --> 00:55:06,730

the skeptic i think it's worth

1138

00:55:03,039 --> 00:55:08,529

mentioning to that you and i both we are

1139

00:55:06,730 --> 00:55:10,360

several of us asked questions of David

1140

00:55:08,530 --> 00:55:12,820

after presentation

1141  
00:55:10,360 --> 00:55:15,789  
but having not been familiar with his

1142  
00:55:12,820 --> 00:55:17,800  
work before and not having read the book

1143  
00:55:15,789 --> 00:55:20,170  
I was just best asking him based on his

1144  
00:55:17,800 --> 00:55:21,910  
presentation at the time and we were

1145  
00:55:20,170 --> 00:55:24,099  
talking about is a methodology rug yeah

1146  
00:55:21,909 --> 00:55:26,109  
this specific topic was again we were

1147  
00:55:24,099 --> 00:55:28,000  
unable to judge whether it was right yes

1148  
00:55:26,110 --> 00:55:30,730  
but he he didn't really appreciate that

1149  
00:55:28,000 --> 00:55:33,610  
and he took that as a as a personal

1150  
00:55:30,730 --> 00:55:35,409  
decision rather than in science where

1151  
00:55:33,610 --> 00:55:37,269  
you were critiqued and that's the point

1152  
00:55:35,409 --> 00:55:40,059  
and that's why how science is so

1153  
00:55:37,269 --> 00:55:43,480  
correcting and then got on Twitter and

1154  
00:55:40,059 --> 00:55:45,340  
send us you know a lot of tweaked

1155  
00:55:43,480 --> 00:55:48,340  
messages basically saying you're wrong

1156  
00:55:45,340 --> 00:55:50,170  
you're wrong you're wrong but I just

1157  
00:55:48,340 --> 00:55:54,460  
wanted to point out in this article that

1158  
00:55:50,170 --> 00:55:55,930  
Chris Forbes you and has written he went

1159  
00:55:54,460 --> 00:55:58,000  
through the book he read the book he

1160  
00:55:55,929 --> 00:56:01,049  
went through the claims he found one of

1161  
00:55:58,000 --> 00:56:04,900  
the major claims made by Gillespie was

1162  
00:56:01,050 --> 00:56:08,500  
based on a 1985 study and that was

1163  
00:56:04,900 --> 00:56:11,010  
showing that there was about fructose

1164  
00:56:08,500 --> 00:56:13,449  
feeding in humans and he claimed that

1165  
00:56:11,010 --> 00:56:15,010  
this was causing a lot of problems and

1166  
00:56:13,449 --> 00:56:17,730  
so after that there were no more studies

1167  
00:56:15,010 --> 00:56:21,070  
feeding fructose to humans only two rats

1168  
00:56:17,730 --> 00:56:22,929  
so Chris warts Evans did a simple pubmed

1169

00:56:21,070 --> 00:56:25,870  
search which were all able to do and he

1170  
00:56:22,929 --> 00:56:30,159  
found that since 1985 there have been 19

1171  
00:56:25,869 --> 00:56:33,400  
other studies showing that humans have

1172  
00:56:30,159 --> 00:56:34,779  
been fed high levels of fructose so from

1173  
00:56:33,400 --> 00:56:36,280  
the year nineteen eighty-five to the

1174  
00:56:34,780 --> 00:56:39,070  
year 2008 when this book was published

1175  
00:56:36,280 --> 00:56:40,900  
there were 19 other studies that David

1176  
00:56:39,070 --> 00:56:43,059  
Gillespie just didn't like the results

1177  
00:56:40,900 --> 00:56:44,639  
of so just didn't include them in his in

1178  
00:56:43,059 --> 00:56:49,019  
his argument just to reiterate

1179  
00:56:44,639 --> 00:56:49,019  
Gillespie's basic premise is

1180  
00:56:49,210 --> 00:56:54,550  
oh it's that front fructose is a

1181  
00:56:51,219 --> 00:56:57,339  
poisonous Boyd it's a leading cause of

1182  
00:56:54,550 --> 00:56:59,440  
obesity lots of other health that's what

1183  
00:56:57,340 --> 00:57:03,640

I got from his talk was we're all fat

1184

00:56:59,440 --> 00:57:06,670

now where's that I can I'm all fat I'm

1185

00:57:03,639 --> 00:57:10,299

fat because of the fruit it's not your

1186

00:57:06,670 --> 00:57:14,019

fault it's not my fault but anyway this

1187

00:57:10,300 --> 00:57:17,260

article is in the this skeptic yes your

1188

00:57:14,019 --> 00:57:20,559

issue 30 issue number one page it's a

1189

00:57:17,260 --> 00:57:21,910

really really thorough analysis critique

1190

00:57:20,559 --> 00:57:25,389

of the book and I recommend that you

1191

00:57:21,909 --> 00:57:27,879

subscribe oh you can read it and add

1192

00:57:25,389 --> 00:57:30,759

dear listeners there's also a little

1193

00:57:27,880 --> 00:57:33,840

story report by me which has been

1194

00:57:30,760 --> 00:57:37,060

reproduced on the skeptics website

1195

00:57:33,840 --> 00:57:40,840

wwwdcom day you with my adventures with

1196

00:57:37,059 --> 00:57:45,099

the body testing the kinesiology how

1197

00:57:40,840 --> 00:57:46,660

balanced and fusion XL and all that sort

1198  
00:57:45,099 --> 00:57:49,389  
of stuff so that might be interesting

1199  
00:57:46,659 --> 00:57:51,730  
for you to look at Joe highlight a Joe

1200  
00:57:49,389 --> 00:57:54,309  
we should call you I later I load a joke

1201  
00:57:51,730 --> 00:57:56,949  
I've left my trusty think of rainbow

1202  
00:57:54,309 --> 00:57:59,070  
highlighters at home this time so is

1203  
00:57:56,949 --> 00:58:02,819  
that why it's all the same is yellow

1204  
00:57:59,070 --> 00:58:05,080  
highlight our life source Jim a

1205  
00:58:02,820 --> 00:58:07,450  
gentleman by the name of sean david

1206  
00:58:05,079 --> 00:58:10,389  
morton who calls himself america's

1207  
00:58:07,449 --> 00:58:12,909  
profit and claims to be a psychic

1208  
00:58:10,389 --> 00:58:23,409  
trained by Nepalese monks in the art of

1209  
00:58:12,909 --> 00:58:25,210  
time travel mix story that's um mr.

1210  
00:58:23,409 --> 00:58:28,089  
Morton times even he can foretell the

1211  
00:58:25,210 --> 00:58:34,179  
future stock market yeah that's what I

1212  
00:58:28,090 --> 00:58:36,460  
will in the profit thank you on you can

1213  
00:58:34,179 --> 00:58:38,289  
go home now sir yes should we just end

1214  
00:58:36,460 --> 00:58:40,449  
there yes you I think that's good night

1215  
00:58:38,289 --> 00:58:42,340  
so he tends to be the modern day

1216  
00:58:40,449 --> 00:58:44,409  
Nostradamus and the depth of the Dalai

1217  
00:58:42,340 --> 00:58:47,000  
Lama said that's actually probably not

1218  
00:58:44,409 --> 00:58:49,710  
all of them the truth

1219  
00:58:47,000 --> 00:58:51,150  
we're a fusion of Eastern spirituality

1220  
00:58:49,710 --> 00:58:52,710  
and Western psychic techniques has

1221  
00:58:51,150 --> 00:58:55,950  
helped him develop the spiritual remote

1222  
00:58:52,710 --> 00:58:58,289  
viewing system he claims well he says

1223  
00:58:55,949 --> 00:59:00,358  
that he grew up in Texas and he's dinner

1224  
00:58:58,289 --> 00:59:02,369  
table companions as his parents work for

1225  
00:59:00,358 --> 00:59:04,309  
NASA were astronauts who told him of

1226

00:59:02,369 --> 00:59:06,840  
their sightings of extraterrestrial life

1227  
00:59:04,309 --> 00:59:08,880  
I'm now honey can I stop you for a

1228  
00:59:06,840 --> 00:59:10,050  
second you see when somebody says

1229  
00:59:08,880 --> 00:59:11,690  
something when somebody gets to the

1230  
00:59:10,050 --> 00:59:16,530  
point where they say something that is

1231  
00:59:11,690 --> 00:59:18,420  
so clearly demonstrably wrong I mean

1232  
00:59:16,530 --> 00:59:20,760  
this is I'm talking about the yeah as

1233  
00:59:18,420 --> 00:59:22,139  
from the parents that immediate leads me

1234  
00:59:20,760 --> 00:59:26,460  
to the conclusion that this person is

1235  
00:59:22,139 --> 00:59:27,659  
not healthy so I would say right you

1236  
00:59:26,460 --> 00:59:29,760  
know this is not somebody who's there

1237  
00:59:27,659 --> 00:59:33,379  
just a intentional fraud he's not

1238  
00:59:29,760 --> 00:59:39,330  
healthy well yeah you think so however

1239  
00:59:33,380 --> 00:59:41,820  
however he um he has a newsletter with

1240  
00:59:39,329 --> 00:59:44,608

20,000 subscribers run through his

1241  
00:59:41,820 --> 00:59:47,280  
Delphie investment group and he claimed

1242  
00:59:44,608 --> 00:59:49,529  
to be able to predict stock market as I

1243  
00:59:47,280 --> 00:59:52,619  
said claiming to get returns as high as

1244  
00:59:49,530 --> 00:59:56,070  
a hundred and seventeen percent what he

1245  
00:59:52,619 --> 00:59:58,289  
actually did well let me just say again

1246  
00:59:56,070 --> 01:00:00,390  
yeah he's been sued by the Securities

1247  
00:59:58,289 --> 01:00:02,429  
and Exchange Commission the securities

1248  
01:00:00,389 --> 01:00:04,500  
for fraud for swindling more than six

1249  
01:00:02,429 --> 01:00:06,539  
million dollars from investors read

1250  
01:00:04,500 --> 01:00:08,280  
after promising them piles of money

1251  
01:00:06,539 --> 01:00:10,440  
along with spiritual happiness what he

1252  
01:00:08,280 --> 01:00:12,240  
actually did was deposited only 3.2

1253  
01:00:10,440 --> 01:00:14,690  
million dollars into the inter trading

1254  
01:00:12,239 --> 01:00:14,689  
accounts

1255  
01:00:18,530 --> 01:00:23,040  
that was a bus announcement now it was a

1256  
01:00:21,510 --> 01:00:26,339  
very quiet one but their one

1257  
01:00:23,039 --> 01:00:29,400  
nevertheless sorry that wasn't from the

1258  
01:00:26,338 --> 01:00:34,170  
two marrickville now is the time not

1259  
01:00:29,400 --> 01:00:35,970  
particularly um so it's basically he

1260  
01:00:34,170 --> 01:00:39,659  
swindled all of the subscribers out of

1261  
01:00:35,969 --> 01:00:44,129  
it out of a lot of money and according

1262  
01:00:39,659 --> 01:00:49,199  
to the authorities he really is simply a

1263  
01:00:44,130 --> 01:00:50,700  
fraud and a very very bad psychic now

1264  
01:00:49,199 --> 01:00:52,348  
you've got a really say up to one

1265  
01:00:50,699 --> 01:00:54,568  
hundred seventeen percent after Herod

1266  
01:00:52,349 --> 01:00:57,359  
sandwiches I love that one hundred up to

1267  
01:00:54,568 --> 01:00:59,699  
you see I'm recently i sent an email to

1268  
01:00:57,358 --> 01:01:03,239  
several people about this up to thing

1269  
01:00:59,699 --> 01:01:07,889  
because but i can't remember that the

1270  
01:01:03,239 --> 01:01:09,419  
range was from 22 was something

1271  
01:01:07,889 --> 01:01:12,239  
like I can't really what he was

1272  
01:01:09,420 --> 01:01:15,750  
kilograms or whatever or percent so it

1273  
01:01:12,239 --> 01:01:17,879  
was something like from yeah two percent

1274  
01:01:15,750 --> 01:01:22,440  
all from two percent or less to six

1275  
01:01:17,880 --> 01:01:24,660  
percent or more something like that yeah

1276  
01:01:22,440 --> 01:01:26,880  
okay that pretty much covers it yep

1277  
01:01:24,659 --> 01:01:32,879  
that's like the honey obviously report

1278  
01:01:26,880 --> 01:01:34,710  
of you and now you've got a fishy story

1279  
01:01:32,880 --> 01:01:37,108  
I have a busy story which in fact some

1280  
01:01:34,710 --> 01:01:40,108  
of some of our listeners who also listen

1281  
01:01:37,108 --> 01:01:44,150  
to st you would have heard already does

1282  
01:01:40,108 --> 01:01:44,150  
mean it Richard needs to go thank you

1283

01:01:44,960 --> 01:01:52,650  
you shouldn't do that on here yes yes

1284  
01:01:49,920 --> 01:01:57,150  
yes ahaha theater of the mind reader

1285  
01:01:52,650 --> 01:01:57,869  
Android choose okay you want to eat and

1286  
01:01:57,150 --> 01:02:01,809  
drink

1287  
01:01:57,869 --> 01:02:07,750  
I'm not gonna put that in the show I'm

1288  
01:02:01,809 --> 01:02:10,029  
mine anyway joke so at the end of debris

1289  
01:02:07,750 --> 01:02:12,969  
it was reported that somewhere in the

1290  
01:02:10,030 --> 01:02:15,940  
middle of Australia to be specific at in

1291  
01:02:12,969 --> 01:02:16,959  
a place called larger manner which we've

1292  
01:02:15,940 --> 01:02:20,289  
all been struggling to pronounce

1293  
01:02:16,960 --> 01:02:22,090  
correctly supposedly hundreds and

1294  
01:02:20,289 --> 01:02:24,730  
hundreds of small white fish fell from

1295  
01:02:22,090 --> 01:02:28,240  
the sky and those who heard yesterday

1296  
01:02:24,730 --> 01:02:30,280  
podcast would have heard that they bed

1297  
01:02:28,239 --> 01:02:34,599

like Richard and Rachel to go out a new

1298

01:02:30,280 --> 01:02:36,400

video gate this yes happy if if any of

1299

01:02:34,599 --> 01:02:38,829

our listeners would like to video

1300

01:02:36,400 --> 01:02:42,340

abilities the very northern territories

1301

01:02:38,829 --> 01:02:43,719

me it's uh between darling Ellis bring

1302

01:02:42,340 --> 01:02:45,910

something you know that area well oh

1303

01:02:43,719 --> 01:02:47,829

wait a month dreams see it's only like

1304

01:02:45,909 --> 01:02:51,279

what would only take about 24 hours to

1305

01:02:47,829 --> 01:02:55,420

get there if we drive yeah no no no we

1306

01:02:51,280 --> 01:02:57,460

took a plane it's a long way away please

1307

01:02:55,420 --> 01:02:59,349

yeah it lowered big two days driving

1308

01:02:57,460 --> 01:03:00,820

with me lately I would be here

1309

01:02:59,349 --> 01:03:02,980

interestingly apparently it's not the

1310

01:03:00,820 --> 01:03:07,180

best times has happened in this small

1311

01:03:02,980 --> 01:03:09,130

community apparently in 1974 they had

1312  
01:03:07,179 --> 01:03:11,529  
fallen from the sky or something similar

1313  
01:03:09,130 --> 01:03:14,200  
and the same in 2004 so it seems to be

1314  
01:03:11,530 --> 01:03:17,440  
so if we go there right and wait till it

1315  
01:03:14,199 --> 01:03:21,969  
rains and walk around their mouth you

1316  
01:03:17,440 --> 01:03:23,260  
would never happen thinking 74 2010 all

1317  
01:03:21,969 --> 01:03:25,179  
you have to do is wait thirty six more

1318  
01:03:23,260 --> 01:03:26,560  
years yeah can you imagine if it

1319  
01:03:25,179 --> 01:03:29,440  
happened during a lightning storm that

1320  
01:03:26,559 --> 01:03:31,639  
we cook the mission you could tell me

1321  
01:03:29,440 --> 01:03:34,460  
what else will you

1322  
01:03:31,639 --> 01:03:35,929  
okay actually dried onion brian dunning

1323  
01:03:34,460 --> 01:03:38,179  
had a really good well the one day that

1324  
01:03:35,929 --> 01:03:40,849  
they've often cited is the idea that a

1325  
01:03:38,179 --> 01:03:44,750  
tornado would something like that would

1326  
01:03:40,849 --> 01:03:49,130  
pick up water and then wait a minute

1327  
01:03:44,750 --> 01:03:52,429  
later on a decision well no no according

1328  
01:03:49,130 --> 01:03:53,869  
to this article whether a senior

1329  
01:03:52,429 --> 01:03:55,279  
forecaster from the weather bureau said

1330  
01:03:53,869 --> 01:03:57,589  
the geological conditions were perfect

1331  
01:03:55,280 --> 01:03:59,180  
on that day for a tornado in that region

1332  
01:03:57,590 --> 01:04:04,720  
however they hadn't actually been in

1333  
01:03:59,179 --> 01:04:06,769  
Europe but yeah I suspect that the

1334  
01:04:04,719 --> 01:04:09,589  
meteorologist who was asked about this

1335  
01:04:06,769 --> 01:04:11,989  
was asked how would the conditions yes

1336  
01:04:09,590 --> 01:04:15,559  
yes no no that's not whether there was

1337  
01:04:11,989 --> 01:04:17,119  
one yeah yeah the explanation that's so

1338  
01:04:15,559 --> 01:04:20,539  
far the most plausible is that these

1339  
01:04:17,119 --> 01:04:22,400  
fish are able to sort of hide dehydrate

1340

01:04:20,539 --> 01:04:24,409  
themselves and basically under the cover

1341  
01:04:22,400 --> 01:04:25,700  
in the mud in the mud and then one that

1342  
01:04:24,409 --> 01:04:29,269  
rain after the rain you see all these

1343  
01:04:25,699 --> 01:04:31,849  
fishes whopping about interesting but

1344  
01:04:29,269 --> 01:04:33,650  
I'd love to go up there is that this too

1345  
01:04:31,849 --> 01:04:37,159  
is that do we have to go up the stuart

1346  
01:04:33,650 --> 01:04:39,079  
highway mmm cuz that's its Lou I've

1347  
01:04:37,159 --> 01:04:42,469  
traveled from a blade all the way up to

1348  
01:04:39,079 --> 01:04:44,449  
Darwin and it is a long but that's where

1349  
01:04:42,469 --> 01:04:46,250  
all the scary people are too right oh

1350  
01:04:44,449 --> 01:04:48,349  
yeah that's not all of them most of them

1351  
01:04:46,250 --> 01:04:50,599  
that's where you disappear and you're

1352  
01:04:48,349 --> 01:04:52,730  
never found the only feeling I'm so

1353  
01:04:50,599 --> 01:04:54,589  
sorry honey if your name is tourist I'm

1354  
01:04:52,730 --> 01:04:58,789

skeptical you don't think we'll craic

1355

01:04:54,590 --> 01:05:01,480

you like okay baby really aren't you

1356

01:04:58,789 --> 01:05:01,480

scared to it yeah

1357

01:05:01,509 --> 01:05:06,219

on to something a little bit a little

1358

01:05:04,389 --> 01:05:08,769

bit more serious but you actually

1359

01:05:06,219 --> 01:05:11,380

discussed a while ago against is a

1360

01:05:08,768 --> 01:05:14,018

follow on from harm you might remember

1361

01:05:11,380 --> 01:05:17,318

me mentioning a while back a study that

1362

01:05:14,018 --> 01:05:19,058

had been published by a forensic

1363

01:05:17,318 --> 01:05:22,358

pathologist by the name of Roger buyer

1364

01:05:19,059 --> 01:05:24,819

who'd been looking at herbal medicines

1365

01:05:22,358 --> 01:05:26,918

and so on and the contamination by lead

1366

01:05:24,818 --> 01:05:29,168

mercury various other but we know that's

1367

01:05:26,918 --> 01:05:30,759

because almost seemed obvious absolutely

1368

01:05:29,168 --> 01:05:34,088

just Big Pharma don't make alternative

1369  
01:05:30,759 --> 01:05:36,998  
medicine do they know no anyway this of

1370  
01:05:34,088 --> 01:05:40,179  
course is um been uh been sparked by

1371  
01:05:36,998 --> 01:05:43,538  
visit karen phelps no oh yes well

1372  
01:05:40,179 --> 01:05:45,459  
whenever I'm going to events food

1373  
01:05:43,539 --> 01:05:49,269  
weather events because we live in sku

1374  
01:05:45,458 --> 01:05:50,978  
yes um and and what's really bugging me

1375  
01:05:49,268 --> 01:05:53,138  
about everything that Karen Phelps is

1376  
01:05:50,978 --> 01:05:55,358  
saying these days is that it just starts

1377  
01:05:53,139 --> 01:05:57,789  
immediately from a completely stupid

1378  
01:05:55,358 --> 01:06:00,009  
premise which is that the people who are

1379  
01:05:57,789 --> 01:06:03,399  
giving these herbs out who are treating

1380  
01:06:00,009 --> 01:06:07,509  
these people actually have some sort of

1381  
01:06:03,398 --> 01:06:09,608  
valid qualifications so much it's good

1382  
01:06:07,509 --> 01:06:10,719  
qualification system no knowledge she

1383  
01:06:09,608 --> 01:06:13,838  
right knowledge is a more appropriate

1384  
01:06:10,719 --> 01:06:16,298  
word so I'm so professor professor

1385  
01:06:13,838 --> 01:06:18,728  
Phelps basically she's saying that the

1386  
01:06:16,298 --> 01:06:20,889  
lat the the lack of registration

1387  
01:06:18,728 --> 01:06:24,308  
standards for all of these practitioners

1388  
01:06:20,889 --> 01:06:26,679  
is putting consumers at risk and that it

1389  
01:06:24,309 --> 01:06:29,380  
really it's just about that some of

1390  
01:06:26,679 --> 01:06:30,759  
these people are actually valid

1391  
01:06:29,380 --> 01:06:32,528  
practitioners and in there and then

1392  
01:06:30,759 --> 01:06:35,159  
there are those few alternative medicine

1393  
01:06:32,528 --> 01:06:36,938  
practitioners out there who are

1394  
01:06:35,159 --> 01:06:38,648  
potentially putting people at risk

1395  
01:06:36,938 --> 01:06:40,748  
because they're not properly qualified

1396  
01:06:38,648 --> 01:06:42,338  
and so on and the whole premise behind

1397

01:06:40,748 --> 01:06:44,048  
this is completely ridiculous yes the

1398  
01:06:42,338 --> 01:06:48,099  
whole point is that the very point of

1399  
01:06:44,048 --> 01:06:49,599  
their starting from I even the whatever

1400  
01:06:48,099 --> 01:06:52,119  
treatments it is that they're giving a

1401  
01:06:49,599 --> 01:06:54,009  
prop Joe you're failing to mention

1402  
01:06:52,119 --> 01:06:58,509  
something very important professor Karen

1403  
01:06:54,009 --> 01:07:00,938  
Phil's sells these famous hey no that's

1404  
01:06:58,509 --> 01:07:02,648  
of course you would say that I mean what

1405  
01:07:00,938 --> 01:07:05,618  
would you expect I mean that we know how

1406  
01:07:02,648 --> 01:07:06,848  
psychics talk about other psychics being

1407  
01:07:05,619 --> 01:07:07,269  
you know like they're reputable with

1408  
01:07:06,849 --> 01:07:09,489  
others

1409  
01:07:07,268 --> 01:07:12,658  
not unless the professor Phelps is seen

1410  
01:07:09,489 --> 01:07:15,369  
in the media and in the public yes a

1411  
01:07:12,659 --> 01:07:18,939

relative practitioner the former head of

1412

01:07:15,369 --> 01:07:21,729

the AMA you know she's seen as being

1413

01:07:18,938 --> 01:07:24,458

part of the camp of people that we would

1414

01:07:21,728 --> 01:07:26,408

normally expect to bring something quite

1415

01:07:24,458 --> 01:07:28,568

different that's a shame so she's an

1416

01:07:26,409 --> 01:07:31,449

embarrassment well well that's why she

1417

01:07:28,568 --> 01:07:34,148

won the bent spoon not because she sells

1418

01:07:31,449 --> 01:07:36,909

clattering we wouldn't be possible to

1419

01:07:34,148 --> 01:07:38,978

give a bent spoon award to every

1420

01:07:36,909 --> 01:07:43,479

purveyor of quackery Illustrated because

1421

01:07:38,978 --> 01:07:46,629

we've run out of cutlery but uh but she

1422

01:07:43,478 --> 01:07:51,458

won she wanted because she abuses her

1423

01:07:46,630 --> 01:07:54,548

reputation to do that hmm that's not a

1424

01:07:51,458 --> 01:07:55,958

not a good story to tell no no no not a

1425

01:07:54,548 --> 01:08:02,079

good story she also recently commented

1426  
01:07:55,958 --> 01:08:04,688  
on the decision from the evidence check

1427  
01:08:02,079 --> 01:08:07,630  
about homeopathy and that interview was

1428  
01:08:04,688 --> 01:08:11,438  
done on ABC radio and she was put up as

1429  
01:08:07,630 --> 01:08:13,419  
a personal you know great knowledge and

1430  
01:08:11,438 --> 01:08:15,278  
great reputation and was saying well

1431  
01:08:13,418 --> 01:08:17,769  
homeopathy much need to be tested a bit

1432  
01:08:15,278 --> 01:08:19,929  
more it was that's what I said I can't

1433  
01:08:17,769 --> 01:08:22,480  
remember what did she say Joe oh I can't

1434  
01:08:19,929 --> 01:08:25,088  
remember but she was she was basically

1435  
01:08:22,479 --> 01:08:27,568  
saying that she disagreed with the

1436  
01:08:25,088 --> 01:08:30,759  
decision made from the evidence check

1437  
01:08:27,569 --> 01:08:33,519  
yeah that there is value and homeopathy

1438  
01:08:30,759 --> 01:08:37,479  
done what about that one in the northern

1439  
01:08:33,519 --> 01:08:41,889  
star that homie up no do you know what

1440  
01:08:37,479 --> 01:08:43,899  
happened with that ok this is no this is

1441  
01:08:41,889 --> 01:08:45,699  
so funny there was an article in the

1442  
01:08:43,899 --> 01:08:47,379  
northern star which is the local paper

1443  
01:08:45,698 --> 01:08:49,629  
of the Northern Rivers region I've been

1444  
01:08:47,380 --> 01:08:51,269  
doing so well yeah and it was about the

1445  
01:08:49,630 --> 01:08:53,828  
evidence taken the committee's

1446  
01:08:51,269 --> 01:08:56,019  
recommendations to the NHS to call

1447  
01:08:53,828 --> 01:08:58,710  
funding from homeopathy so happy

1448  
01:08:56,019 --> 01:09:01,779  
Etienne's local paper it is yeah it is

1449  
01:08:58,710 --> 01:09:04,448  
and they talk to her practicing

1450  
01:09:01,779 --> 01:09:08,349  
homeopath in the area and she said well

1451  
01:09:04,448 --> 01:09:11,198  
because homeopathy doesn't prove

1452  
01:09:08,349 --> 01:09:13,239  
positive when tested with science the

1453  
01:09:11,198 --> 01:09:14,618  
science has to be wrong basically that's

1454

01:09:13,238 --> 01:09:16,479  
what she said I'm paraphrasing it

1455  
01:09:14,618 --> 01:09:19,058  
basically that's what she said because

1456  
01:09:16,479 --> 01:09:20,079  
the science doesn't show work sciences

1457  
01:09:19,059 --> 01:09:23,329  
wrong times

1458  
01:09:20,079 --> 01:09:25,068  
so we tweeted that you and I tweeted it

1459  
01:09:23,329 --> 01:09:27,798  
a few days ago yeah and somebody

1460  
01:09:25,069 --> 01:09:30,620  
responded to you with saying that pretty

1461  
01:09:27,798 --> 01:09:33,500  
much because homeopathy doesn't work the

1462  
01:09:30,619 --> 01:09:35,479  
science is wrong just before I left home

1463  
01:09:33,500 --> 01:09:37,670  
there's a couple of homeopaths on

1464  
01:09:35,479 --> 01:09:40,309  
twitter that some of my followers tend

1465  
01:09:37,670 --> 01:09:43,670  
to have a bit of a goal and one of

1466  
01:09:40,310 --> 01:09:47,719  
them's called dr. Nancy Malik apparently

1467  
01:09:43,670 --> 01:09:50,779  
she tweeted that exact phrase about an

1468  
01:09:47,719 --> 01:09:54,139

hour ago what yes she actually tweeted

1469

01:09:50,779 --> 01:09:56,270

that phrase that you and I tweeted that

1470

01:09:54,139 --> 01:09:59,210

a week ago and one of your followers

1471

01:09:56,270 --> 01:10:01,520

picked up on and I tweeted it as a joke

1472

01:09:59,210 --> 01:10:07,969

and she actually tweeted that as a

1473

01:10:01,520 --> 01:10:09,469

serious it was that um homeopathy news

1474

01:10:07,969 --> 01:10:11,239

in and you know that's exactly what she

1475

01:10:09,469 --> 01:10:13,010

said she said we know I'm your college

1476

01:10:11,238 --> 01:10:14,539

but i'm waiting for science teachers way

1477

01:10:13,010 --> 01:10:16,909

to catch up yeah that's the wing of

1478

01:10:14,539 --> 01:10:18,889

yours well it'd be a funny thing about

1479

01:10:16,908 --> 01:10:21,500

whether cruelty bees the funny thing

1480

01:10:18,889 --> 01:10:22,850

about this woman in the northern rivers

1481

01:10:21,500 --> 01:10:25,310

article was she said we need to

1482

01:10:22,850 --> 01:10:28,940

formulate a way to thoroughly test

1483  
01:10:25,310 --> 01:10:33,980  
homeopathy and somebody said we have it

1484  
01:10:28,939 --> 01:10:36,829  
it's called science point which Karen

1485  
01:10:33,979 --> 01:10:38,569  
Phelps is appeared and is there's been a

1486  
01:10:36,829 --> 01:10:41,350  
bit of coverage recently in the herald

1487  
01:10:38,569 --> 01:10:46,130  
about the issue of nutrition and cancer

1488  
01:10:41,350 --> 01:10:48,500  
for cancer patients and once again she's

1489  
01:10:46,130 --> 01:10:51,319  
she's come out commenting on you know

1490  
01:10:48,500 --> 01:10:52,760  
that the lack of training for doctors

1491  
01:10:51,319 --> 01:10:54,920  
about nutritional therapy and good

1492  
01:10:52,760 --> 01:10:57,949  
nutrition enhancer now this is really

1493  
01:10:54,920 --> 01:10:59,750  
really earthly because one of the

1494  
01:10:57,948 --> 01:11:01,039  
problems that they're talking about is

1495  
01:10:59,750 --> 01:11:03,300  
how so many people are being diagnosed

1496  
01:11:01,039 --> 01:11:06,060  
with cancer more and more people

1497  
01:11:03,300 --> 01:11:08,699  
cancer are going on to these really

1498  
01:11:06,060 --> 01:11:11,880  
really extreme diets cutting out a lot

1499  
01:11:08,699 --> 01:11:13,800  
of foods you know cutting out pretty

1500  
01:11:11,880 --> 01:11:17,029  
much anything except raw foods these

1501  
01:11:13,800 --> 01:11:19,170  
these all this juicing and so on and

1502  
01:11:17,029 --> 01:11:22,460  
this is a really really major issue

1503  
01:11:19,170 --> 01:11:25,470  
because you look at the people I'm

1504  
01:11:22,460 --> 01:11:27,210  
people are looking after who have got

1505  
01:11:25,470 --> 01:11:29,280  
cancer and who are having chemotherapy

1506  
01:11:27,210 --> 01:11:30,630  
and radiotherapy the one thing these

1507  
01:11:29,279 --> 01:11:32,460  
people need more than anything is good

1508  
01:11:30,630 --> 01:11:34,680  
nutrition will you talk back with you

1509  
01:11:32,460 --> 01:11:36,989  
Trisha you're talking about any calories

1510  
01:11:34,680 --> 01:11:39,960  
that they can possibly get and keep down

1511

01:11:36,989 --> 01:11:41,189  
so you know we when we talk to people

1512  
01:11:39,960 --> 01:11:42,899  
about what they can eat when that

1513  
01:11:41,189 --> 01:11:44,879  
undergoing cancer treatments you don't

1514  
01:11:42,899 --> 01:11:46,409  
tell them stop eating this stop eating

1515  
01:11:44,880 --> 01:11:48,300  
that when these people are having

1516  
01:11:46,409 --> 01:11:49,769  
chemotherapy and radiotherapy they don't

1517  
01:11:48,300 --> 01:11:51,329  
keep much down at all if they want to

1518  
01:11:49,770 --> 01:11:52,770  
eat chocolate they want to eat anything

1519  
01:11:51,329 --> 01:11:54,149  
that is going to give them some energy

1520  
01:11:52,770 --> 01:11:56,370  
and some nutrition to get through their

1521  
01:11:54,149 --> 01:11:57,960  
treatment well the last thing these

1522  
01:11:56,369 --> 01:11:59,579  
people need to be doing is going on to

1523  
01:11:57,960 --> 01:12:01,170  
these and crazy diets where they're

1524  
01:11:59,579 --> 01:12:04,350  
actually cutting out the things that

1525  
01:12:01,170 --> 01:12:08,159

they need so to have people like Karen

1526

01:12:04,350 --> 01:12:11,070

Phelps advocating you know this sort of

1527

01:12:08,159 --> 01:12:13,590

nutrition people can season counter to

1528

01:12:11,069 --> 01:12:15,960

what the cancer council and and what

1529

01:12:13,590 --> 01:12:18,900

cancer specialist actually say so and

1530

01:12:15,960 --> 01:12:21,060

also Joe I got a press release from

1531

01:12:18,899 --> 01:12:23,279

Loretta Marin who's known as the jelly

1532

01:12:21,060 --> 01:12:26,100

bean lady and she does a lot of advocacy

1533

01:12:23,279 --> 01:12:29,189

work in debunking myths surrounding

1534

01:12:26,100 --> 01:12:31,820

cancer particularly and the a triple c

1535

01:12:29,189 --> 01:12:34,979

which is the Australian Consumer

1536

01:12:31,819 --> 01:12:38,909

Commission something reduce competition

1537

01:12:34,979 --> 01:12:41,719

because yeah they actually just um came

1538

01:12:38,909 --> 01:12:44,489

down heavily on an alternative cancer

1539

01:12:41,720 --> 01:12:47,369

retreat somewhere in Queensland who

1540  
01:12:44,489 --> 01:12:49,500  
would exposing the you know benefits of

1541  
01:12:47,369 --> 01:12:51,059  
these diets and I've told them that they

1542  
01:12:49,500 --> 01:12:52,739  
basically have to stop doing that until

1543  
01:12:51,060 --> 01:12:55,950  
their investigations are complete

1544  
01:12:52,739 --> 01:12:57,479  
because it's it's nonsense absolutely

1545  
01:12:55,949 --> 01:12:58,649  
well the cats counselor said that

1546  
01:12:57,479 --> 01:13:00,039  
they've been getting more and more phone

1547  
01:12:58,649 --> 01:13:02,670  
calls to their round

1548  
01:13:00,039 --> 01:13:04,930  
support lines from people who are

1549  
01:13:02,670 --> 01:13:06,579  
following these kinds of diets or who

1550  
01:13:04,930 --> 01:13:07,720  
are asking advice and they say that you

1551  
01:13:06,579 --> 01:13:10,390  
know they're often getting people who

1552  
01:13:07,720 --> 01:13:12,310  
are coming back to them you know a year

1553  
01:13:10,390 --> 01:13:14,860  
down the track having waste you know

1554  
01:13:12,310 --> 01:13:17,880  
spent all their money on some retreat

1555  
01:13:14,859 --> 01:13:20,799  
somewhere or some unproven you know

1556  
01:13:17,880 --> 01:13:25,260  
nutritional therapy and then coming back

1557  
01:13:20,800 --> 01:13:28,600  
to them with you know basically a

1558  
01:13:25,260 --> 01:13:29,949  
untreatable cancer and really as they've

1559  
01:13:28,600 --> 01:13:33,190  
said here asking for financial

1560  
01:13:29,949 --> 01:13:36,659  
assistance to plan a funeral you know

1561  
01:13:33,189 --> 01:13:40,089  
it's really it's really really bad

1562  
01:13:36,659 --> 01:13:44,949  
thanks Joe thanks Joe yeah sometimes you

1563  
01:13:40,090 --> 01:13:46,630  
know sometimes I think to myself what

1564  
01:13:44,949 --> 01:13:48,550  
are we doing I mean we spend an awful

1565  
01:13:46,630 --> 01:13:50,770  
lot of time being skeptics and running

1566  
01:13:48,550 --> 01:13:53,190  
around and doing jobs that I think the

1567  
01:13:50,770 --> 01:13:56,650  
government don't do enough of time but I

1568

01:13:53,189 --> 01:13:58,409  
guess I guess we've got good motives

1569  
01:13:56,649 --> 01:14:01,179  
when I hear a story like that people

1570  
01:13:58,409 --> 01:14:03,039  
delaying proper health care and we do

1571  
01:14:01,180 --> 01:14:05,320  
what we can don't we we do what we can

1572  
01:14:03,039 --> 01:14:09,100  
so thank you everybody for listening and

1573  
01:14:05,319 --> 01:14:10,779  
I'm always curious to know in the back

1574  
01:14:09,100 --> 01:14:12,850  
of my mind when we're doing the think

1575  
01:14:10,779 --> 01:14:17,289  
tank I've always got this Thornton what

1576  
01:14:12,850 --> 01:14:18,940  
are our listeners doing at the moment we

1577  
01:14:17,289 --> 01:14:21,699  
saw you want to know show you how many

1578  
01:14:18,939 --> 01:14:23,379  
of them are in Australia cuz the ones i

1579  
01:14:21,699 --> 01:14:25,329  
don't know they having dinner no yeah i

1580  
01:14:23,380 --> 01:14:28,180  
don't know the breakdown no not right at

1581  
01:14:25,329 --> 01:14:29,859  
the moment I mean listening listening

1582  
01:14:28,180 --> 01:14:36,310

yeah all those people who are driving

1583

01:14:29,859 --> 01:14:38,139

cars I'll let your hand up ok huggy on

1584

01:14:36,310 --> 01:14:40,900

all those people in the gym keep at it

1585

01:14:38,140 --> 01:14:44,860

well done anybody's in the toilet raise

1586

01:14:40,899 --> 01:14:46,779

a hand no not that happy those people

1587

01:14:44,859 --> 01:14:53,069

who are rollerblading look out for

1588

01:14:46,779 --> 01:14:53,069

rappers hands gone red again

1589

01:14:54,619 --> 01:15:02,569

I should never have told us that started

1590

01:14:59,119 --> 01:15:04,039

people who insomniacs thank you for

1591

01:15:02,569 --> 01:15:06,439

listening to us I'm sure we'll send you

1592

01:15:04,039 --> 01:15:08,119

to sleep people who are grocery shopping

1593

01:15:06,439 --> 01:15:11,329

I wish I'd like to listen to podcasts

1594

01:15:08,119 --> 01:15:13,010

when I grow really yeah I do too ok well

1595

01:15:11,329 --> 01:15:15,590

the late-night shopping and yes what

1596

01:15:13,010 --> 01:15:17,180

less then yeah okay oh I used to like

1597  
01:15:15,590 --> 01:15:18,380  
listening when I used to go for a walk

1598  
01:15:17,180 --> 01:15:21,170  
but now that I was that as swimming

1599  
01:15:18,380 --> 01:15:24,319  
instead of it those people swimming or

1600  
01:15:21,170 --> 01:15:26,630  
they would be but Ulysses podcasts when

1601  
01:15:24,319 --> 01:15:30,619  
you're cleaning odds if I'm saying I'm

1602  
01:15:26,630 --> 01:15:33,140  
cleaning endoscopes and Dinah her

1603  
01:15:30,619 --> 01:15:35,359  
cleaning how to you right now cleaning

1604  
01:15:33,140 --> 01:15:37,970  
out toilets and washing the floor and

1605  
01:15:35,359 --> 01:15:40,250  
thank you cleaning endoscope I really

1606  
01:15:37,970 --> 01:15:41,480  
hope that I really hope that we're

1607  
01:15:40,250 --> 01:15:44,000  
keeping you company if you're listening

1608  
01:15:41,479 --> 01:15:46,489  
by yourself and you like downloading the

1609  
01:15:44,000 --> 01:15:48,229  
show I hope that we are good company for

1610  
01:15:46,489 --> 01:15:49,699  
you and I'd like to thank this present

1611  
01:15:48,229 --> 01:15:54,039  
company doctor rachy thank you again

1612  
01:15:49,699 --> 01:15:56,960  
thank you Richard Diane rabbits and all

1613  
01:15:54,039 --> 01:16:00,470  
runs together grateful to anjo better

1614  
01:15:56,960 --> 01:16:03,159  
move thank you and until next think tank

1615  
01:16:00,470 --> 01:16:03,159  
cheers everybody

1616  
01:16:26,469 --> 01:16:31,239  
Richard yeah it's gone quiet what

1617  
01:16:29,859 --> 01:16:32,908  
happened to the jacket I think the

1618  
01:16:31,238 --> 01:16:34,509  
crystal miners have gone on strike on

1619  
01:16:32,908 --> 01:16:36,518  
strike yeah well they're probably

1620  
01:16:34,510 --> 01:16:38,139  
getting a few pains and aches and stuff

1621  
01:16:36,519 --> 01:16:39,400  
they need a bit of liver cleansing so

1622  
01:16:38,139 --> 01:16:41,559  
they've probably gone on strike to get

1623  
01:16:39,399 --> 01:16:45,429  
access to the very crystals that they're

1624  
01:16:41,559 --> 01:16:47,619  
mining right which is good for us

1625

01:16:45,429 --> 01:16:50,618  
because we can close the show in peace

1626  
01:16:47,618 --> 01:16:52,029  
and quiet we can thank you listeners yes

1627  
01:16:50,618 --> 01:16:54,069  
thank you isn't it it's been a wonderful

1628  
01:16:52,029 --> 01:16:55,478  
episode again oh thank you Stefan it's

1629  
01:16:54,069 --> 01:16:56,679  
great to see you again Richard thank you

1630  
01:16:55,479 --> 01:16:58,719  
Stefan we don't see each other that much

1631  
01:16:56,679 --> 01:17:00,429  
we only get together for these intros

1632  
01:16:58,719 --> 01:17:02,679  
and outros and the occasional think tank

1633  
01:17:00,429 --> 01:17:04,389  
not like the old days I always catch up

1634  
01:17:02,679 --> 01:17:06,460  
every week in the old days when I used

1635  
01:17:04,389 --> 01:17:08,559  
to come around to the Excelsior and

1636  
01:17:06,460 --> 01:17:10,300  
gloom AH you know you're doing the music

1637  
01:17:08,559 --> 01:17:11,559  
though those are the days those were the

1638  
01:17:10,300 --> 01:17:13,360  
days and you should fold your little

1639  
01:17:11,559 --> 01:17:14,979

origami things for all the all the

1640

01:17:13,359 --> 01:17:18,939  
backpackers they stay still love it

1641

01:17:14,979 --> 01:17:21,670  
nearly 20 years ago don't tell me that I

1642

01:17:18,939 --> 01:17:23,109  
was having a nice day until in but

1643

01:17:21,670 --> 01:17:25,929  
thanks very much and thank you this is

1644

01:17:23,109 --> 01:17:27,219  
once again for for tuning in the skeptic

1645

01:17:25,929 --> 01:17:30,429  
zone going from strength to strength

1646

01:17:27,219 --> 01:17:33,038  
yeah and episode 74 next week we have an

1647

01:17:30,429 --> 01:17:35,859  
interview with our one of the science

1648

01:17:33,038 --> 01:17:38,859  
teachers from Redeemer baptist school

1649

01:17:35,859 --> 01:17:42,518  
redeem Baptist here in Sydney because

1650

01:17:38,859 --> 01:17:44,649  
they the school does very well year

1651

01:17:42,519 --> 01:17:46,059  
after year in the National Student

1652

01:17:44,649 --> 01:17:48,969  
science awards or the new south wales

1653

01:17:46,059 --> 01:17:52,420  
student loans and their Baptist's yet

1654  
01:17:48,969 --> 01:17:54,279  
you will find out wow what how can we be

1655  
01:17:52,420 --> 01:17:56,319  
it's an interesting I'm curious I'm

1656  
01:17:54,279 --> 01:18:00,268  
curious too i will i'll see you next

1657  
01:17:56,319 --> 01:18:00,268  
week again ok bye thanks Richard

1658  
01:18:01,609 --> 01:18:07,699  
you've been listening to the skeptic

1659  
01:18:03,739 --> 01:18:11,510  
zone visit our website at [www scripting](http://www.scripting)

1660  
01:18:07,699 --> 01:18:14,439  
zoomtv for comments contacts and extra

1661  
01:18:11,510 --> 01:18:14,440  
video reports

1662  
01:18:14,748 --> 01:18:17,748  
skids

1663  
01:18:19,670 --> 01:18:22,670  
Josh

1664  
01:18:32,779 --> 01:18:34,840  
you