

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

2  
00:00:09,089 --> 00:00:13,699  
from Australia for science and reason

3  
00:00:22,070 --> 00:00:27,329  
yes it's the skeptic zone episode number

4  
00:00:25,140 --> 00:00:31,528  
1 million and well actually no it's

5  
00:00:27,329 --> 00:00:34,558  
episode number 153 but the skeptic zone

6  
00:00:31,528 --> 00:00:36,808  
in the past week has reached 1 million

7  
00:00:34,558 --> 00:00:39,988  
downloads and to all million of you

8  
00:00:36,808 --> 00:00:42,089  
thank you what's a shoot for another

9  
00:00:39,988 --> 00:00:44,699  
million Richard Saunders here with you

10  
00:00:42,090 --> 00:00:47,309  
from Sydney Australia now this week's

11  
00:00:44,700 --> 00:00:49,770  
episode of the skeptic zone is a Michael

12  
00:00:47,308 --> 00:00:52,769  
Shermer special oh yes Michael Sherman

13  
00:00:49,770 --> 00:00:55,739  
now I know he's influenced many of you

14  
00:00:52,770 --> 00:00:59,879  
he certainly influenced me and he's

15  
00:00:55,738 --> 00:01:02,488  
influenced Maynard oh yes so may not and

16  
00:00:59,878 --> 00:01:06,179  
I take it in turns this week to

17  
00:01:02,488 --> 00:01:08,759  
interview Michael Shermer an interesting

18  
00:01:06,180 --> 00:01:12,000  
approach you my interview at the top of

19  
00:01:08,760 --> 00:01:14,820  
the show then we have Michael Shermer at

20  
00:01:12,000 --> 00:01:17,159  
skeptics in the pub and some reactions

21  
00:01:14,819 --> 00:01:19,289  
from people going there and we get

22  
00:01:17,159 --> 00:01:23,310  
Maynard interviewing Michael Shermer

23  
00:01:19,290 --> 00:01:27,450  
from a slightly different point of view

24  
00:01:23,310 --> 00:01:30,570  
a Michael Shermer experienced today on

25  
00:01:27,450 --> 00:01:34,100  
the skeptic zone and this week's episode

26  
00:01:30,569 --> 00:01:38,399  
is brought to you by our good friends at

27  
00:01:34,099 --> 00:01:40,640  
skeptic bros oh yes skeptic bros the

28  
00:01:38,400 --> 00:01:43,890  
people who make the fabulous fabulous

29

00:01:40,640 --> 00:01:49,040  
placebo band I'm wearing three one two

30  
00:01:43,890 --> 00:01:52,079  
three of them on my wrist as I speak

31  
00:01:49,040 --> 00:01:54,659  
pacy bow bands from skeptic bros these

32  
00:01:52,078 --> 00:01:57,478  
are the PM the answer the sceptical

33  
00:01:54,659 --> 00:02:01,890  
answer to those ridiculous power balance

34  
00:01:57,478 --> 00:02:03,868  
bands and all their clones little wrist

35  
00:02:01,890 --> 00:02:09,689  
bands with a hologram in them now if you

36  
00:02:03,868 --> 00:02:11,969  
go to ww skeptic Bros BR 0 s calm you

37  
00:02:09,689 --> 00:02:12,419  
can find out more including how to order

38  
00:02:11,969 --> 00:02:14,159  
them

39  
00:02:12,419 --> 00:02:16,859  
if you do order one of these fabulous

40  
00:02:14,159 --> 00:02:18,479  
placebo bands which are coming sort of

41  
00:02:16,860 --> 00:02:20,099  
camouflage color now which is pretty

42  
00:02:18,479 --> 00:02:22,409  
groovy and glow-in-the-dark and boy they

43  
00:02:20,098 --> 00:02:25,259

really glow in the dark make sure you

44

00:02:22,409 --> 00:02:27,810

order three or four and where three or

45

00:02:25,259 --> 00:02:29,699

four or at least two because then you

46

00:02:27,810 --> 00:02:31,439

get people asking you questions if you

47

00:02:29,699 --> 00:02:34,439

just wear one nobody takes any notice

48

00:02:31,439 --> 00:02:37,050

but we're a couple and then people stop

49

00:02:34,439 --> 00:02:38,939

and say why are you wearing two or three

50

00:02:37,050 --> 00:02:42,750

of those things and then you can tell

51

00:02:38,939 --> 00:02:45,539

them exactly why exactly why well it's a

52

00:02:42,750 --> 00:02:48,930

very short introduction this week why

53

00:02:45,539 --> 00:02:52,229

because we all want to hear what Michael

54

00:02:48,930 --> 00:02:56,000

Shermer has to say Michael Shermer who

55

00:02:52,229 --> 00:03:01,789

was visiting Sydney in the past week so

56

00:02:56,000 --> 00:03:04,909

sit back grab your pipe and your hat

57

00:03:01,789 --> 00:03:10,280

slippers trusty dog by your side

58  
00:03:04,909 --> 00:03:14,599  
armchair newspaper and hot cocoa and

59  
00:03:10,280 --> 00:03:14,599  
enjoy the skeptics

60  
00:03:34,860 --> 00:03:39,459  
well I'm sitting back here comfortably

61  
00:03:37,000 --> 00:03:41,739  
in a nice hotel room with Michael

62  
00:03:39,459 --> 00:03:43,750  
Shermer hi Michael I glad to see you in

63  
00:03:41,739 --> 00:03:46,209  
Australia get to be back again my fourth

64  
00:03:43,750 --> 00:03:50,889  
trip to the land down unda this must be

65  
00:03:46,209 --> 00:03:52,379  
your shortest trip let's say no actually

66  
00:03:50,889 --> 00:03:54,879  
when I did that round-the-world trip

67  
00:03:52,379 --> 00:03:57,068  
lecturing on a jet we were only in

68  
00:03:54,879 --> 00:03:58,739  
Australia for like a day and a half two

69  
00:03:57,068 --> 00:04:02,169  
days something like that we just were in

70  
00:03:58,739 --> 00:04:07,390  
karen's oh yes and said this time in saw

71  
00:04:02,169 --> 00:04:09,789  
three days now four days right so you

72  
00:04:07,389 --> 00:04:11,829  
were came of here really to attend the

73  
00:04:09,789 --> 00:04:14,679  
the Melbourne conference it was some

74  
00:04:11,830 --> 00:04:17,799  
thing think ink right yeah sort of Ted

75  
00:04:14,680 --> 00:04:20,918  
wanna be and you know as well attended

76  
00:04:17,798 --> 00:04:23,529  
like 900 people and neil degrasse tyson

77  
00:04:20,918 --> 00:04:27,250  
and myself and I NRC alley by video link

78  
00:04:23,529 --> 00:04:29,439  
and few others it was good fun but one

79  
00:04:27,250 --> 00:04:31,300  
day yeah I was one day they should have

80  
00:04:29,439 --> 00:04:32,860  
you know done the whole weekend but you

81  
00:04:31,300 --> 00:04:36,160  
know it's expensive to rent that place I

82  
00:04:32,860 --> 00:04:37,750  
assume at huge auditorium but it's a

83  
00:04:36,160 --> 00:04:40,360  
pretty enthusiastic crowd I mean it was

84  
00:04:37,750 --> 00:04:41,800  
it was you know pro reason rationality

85  
00:04:40,360 --> 00:04:44,259  
skepticism and all that is what they're

86

00:04:41,800 --> 00:04:46,930  
promoting science but there were a lot

87  
00:04:44,259 --> 00:04:51,159  
of atheists there and he is impose a big

88  
00:04:46,930 --> 00:04:52,509  
theme Christina rad was there and yeah

89  
00:04:51,160 --> 00:04:54,580  
that's what people want to talk a lot

90  
00:04:52,509 --> 00:04:56,769  
about that that's interesting are you

91  
00:04:54,579 --> 00:04:59,589  
finding that more and more I mean in all

92  
00:04:56,769 --> 00:05:01,569  
your years of skeptical work I mean we

93  
00:04:59,589 --> 00:05:03,609  
all cover the big topics that will ring

94  
00:05:01,569 --> 00:05:05,800  
the old favorites are always there yeah

95  
00:05:03,610 --> 00:05:09,400  
psychics and and all this sort of stuff

96  
00:05:05,800 --> 00:05:13,300  
but more and more it seems to me that

97  
00:05:09,399 --> 00:05:15,849  
atheism and religion and yeah I know and

98  
00:05:13,300 --> 00:05:18,160  
it's it's interesting I mean I love the

99  
00:05:15,850 --> 00:05:20,110  
topic science and religion are all that

100  
00:05:18,160 --> 00:05:23,260

and why people don't believe in God or

101

00:05:20,110 --> 00:05:25,270

why they do believe in God but but you

102

00:05:23,259 --> 00:05:28,240

know the skeptical movement at least as

103

00:05:25,269 --> 00:05:29,859

I envisioned it and specifically what

104

00:05:28,240 --> 00:05:31,990

we're doing in skeptic magazine is pro

105

00:05:29,860 --> 00:05:33,220

science that is you have to be for

106

00:05:31,990 --> 00:05:33,430

something that's not enough to define

107

00:05:33,220 --> 00:05:35,080

your

108

00:05:33,430 --> 00:05:37,420

but what you don't believe that's not

109

00:05:35,079 --> 00:05:39,250

going to get us there we we have to tell

110

00:05:37,420 --> 00:05:40,689

people what we do believe yeah we

111

00:05:39,250 --> 00:05:42,819

believe in science and reason and

112

00:05:40,689 --> 00:05:45,310

rationality in a rational society and

113

00:05:42,819 --> 00:05:47,980

the enlightenment values that have come

114

00:05:45,310 --> 00:05:50,379

down to us over the centuries from the

115  
00:05:47,980 --> 00:05:53,110  
great philosophers and thinkers and

116  
00:05:50,379 --> 00:05:54,759  
scientists and naturalist's and you know

117  
00:05:53,110 --> 00:05:56,199  
we believe in civil liberties and we

118  
00:05:54,759 --> 00:05:58,120  
believe in rights and equal treatment

119  
00:05:56,199 --> 00:06:03,279  
under the law we believe in the progress

120  
00:05:58,120 --> 00:06:06,120  
of civilization is pushed forward by you

121  
00:06:03,279 --> 00:06:08,409  
know liberal enlightenment values

122  
00:06:06,120 --> 00:06:10,060  
classical liberal enlightenment values I

123  
00:06:08,410 --> 00:06:12,040  
mean and equality in all those women

124  
00:06:10,060 --> 00:06:14,889  
yeah especially for women would you

125  
00:06:12,040 --> 00:06:16,870  
doesn't realize still I realize but you

126  
00:06:14,889 --> 00:06:20,740  
know much progress has been made social

127  
00:06:16,870 --> 00:06:23,410  
and no thanks to religion for any of the

128  
00:06:20,740 --> 00:06:25,540  
rights revolutions and the humanitarian

129  
00:06:23,410 --> 00:06:27,730  
revolutions over the last two centuries

130  
00:06:25,540 --> 00:06:30,460  
say it's largely been driven by secular

131  
00:06:27,730 --> 00:06:33,910  
values that are derived from

132  
00:06:30,459 --> 00:06:37,089  
Enlightenment principles beginning with

133  
00:06:33,910 --> 00:06:38,920  
the concept that you know people are not

134  
00:06:37,089 --> 00:06:41,919  
a means to an end but an end and of

135  
00:06:38,920 --> 00:06:43,750  
themselves and whatever you think our

136  
00:06:41,920 --> 00:06:45,790  
Creator is God or evolution doesn't

137  
00:06:43,750 --> 00:06:47,860  
really matter the point is that you know

138  
00:06:45,790 --> 00:06:50,800  
we have value and therefore you can't

139  
00:06:47,860 --> 00:06:52,439  
treat people certain ways that's that

140  
00:06:50,800 --> 00:06:54,610  
that's a lot i was a long time coming

141  
00:06:52,439 --> 00:06:57,579  
you know in the history of ten thousand

142  
00:06:54,610 --> 00:06:59,220  
year history civilization and and it's

143

00:06:57,579 --> 00:07:01,870  
the kind of thing still to fight for but

144  
00:06:59,220 --> 00:07:04,750  
but religions always been slightly

145  
00:07:01,870 --> 00:07:06,399  
behind the wave not in front of it you

146  
00:07:04,750 --> 00:07:08,339  
know they'll take credit for the

147  
00:07:06,399 --> 00:07:10,649  
abolition of slavery for example

148  
00:07:08,339 --> 00:07:15,719  
pointing to people like Wilberforce

149  
00:07:10,649 --> 00:07:15,719  
Samuel Wilberforce a William Wilberforce

150  
00:07:15,899 --> 00:07:20,979  
but and it's true he wasn't an

151  
00:07:18,910 --> 00:07:23,490  
abolitionist but the heat he was

152  
00:07:20,980 --> 00:07:26,290  
fighting against his own fellow

153  
00:07:23,490 --> 00:07:29,290  
Christians who were opposed to

154  
00:07:26,290 --> 00:07:31,710  
abolishing slavery and which they

155  
00:07:29,290 --> 00:07:36,280  
defended on strict biblical theological

156  
00:07:31,709 --> 00:07:38,469  
arguments so really it's it's it's we

157  
00:07:36,279 --> 00:07:40,329

who are on the cutting edge of that by

158

00:07:38,470 --> 00:07:43,060

we I mean not just skeptics but anybody

159

00:07:40,329 --> 00:07:45,339

who thinks rationally which are we would

160

00:07:43,060 --> 00:07:47,110

call them skeptics my skepticism I mean

161

00:07:45,339 --> 00:07:48,969

thoughtful inquiry it

162

00:07:47,110 --> 00:07:51,340

just scientist I typically if I agree

163

00:07:48,970 --> 00:07:53,950

and the word is is always dogging us

164

00:07:51,339 --> 00:07:56,649

because yes general public they'll never

165

00:07:53,949 --> 00:07:59,649

get it now I know all the cynics no no

166

00:07:56,649 --> 00:08:01,959

yeah yeah what are you skeptical of what

167

00:07:59,649 --> 00:08:04,239

don't you believe in right what you

168

00:08:01,959 --> 00:08:05,859

absolutely right what they don't say

169

00:08:04,240 --> 00:08:07,960

what are you 40 you're the guys who

170

00:08:05,860 --> 00:08:10,720

proved got us to this standard of living

171

00:08:07,959 --> 00:08:13,689

through science right why our children

172  
00:08:10,720 --> 00:08:15,580  
live past three and yeah and why we have

173  
00:08:13,689 --> 00:08:19,689  
all our teeth at 50 or whatever it is

174  
00:08:15,579 --> 00:08:22,029  
right that's interesting so how do you

175  
00:08:19,689 --> 00:08:24,040  
do you ever take sort of the long view

176  
00:08:22,029 --> 00:08:27,699  
of society's progress and civilization

177  
00:08:24,040 --> 00:08:32,590  
and if you did what sort of stage do you

178  
00:08:27,699 --> 00:08:34,480  
think we're at at the moment well i just

179  
00:08:32,590 --> 00:08:37,149  
read Steve bangers new book comes out

180  
00:08:34,480 --> 00:08:41,050  
next month the better angels of our

181  
00:08:37,149 --> 00:08:42,069  
nature why violence has declined but

182  
00:08:41,049 --> 00:08:43,329  
it's not just violence I mean he's

183  
00:08:42,070 --> 00:08:44,890  
talking about everything you know

184  
00:08:43,330 --> 00:08:46,810  
murders and homicides and rates of

185  
00:08:44,889 --> 00:08:48,909  
killing and Wars and all that yes but

186  
00:08:46,809 --> 00:08:52,809  
also you know treatment of blacks and

187  
00:08:48,909 --> 00:08:54,669  
women spanking has declined yes the

188  
00:08:52,809 --> 00:08:56,589  
death penalty is almost non-existent now

189  
00:08:54,669 --> 00:08:59,139  
whereas virtually everybody had the

190  
00:08:56,590 --> 00:09:00,970  
death penalty for like in England he

191  
00:08:59,139 --> 00:09:02,500  
shows it you know there were hundreds of

192  
00:09:00,970 --> 00:09:05,470  
crimes you could get the death penalty

193  
00:09:02,500 --> 00:09:07,570  
for it was like 240 crimes like just

194  
00:09:05,470 --> 00:09:11,800  
like 200 years ago that you could be put

195  
00:09:07,570 --> 00:09:13,570  
to death for now zero right so what I

196  
00:09:11,799 --> 00:09:15,309  
think you know we've come a long ways

197  
00:09:13,570 --> 00:09:16,750  
how much further do we have to go well I

198  
00:09:15,309 --> 00:09:18,699  
you know I don't what the scale is

199  
00:09:16,750 --> 00:09:23,919  
exactly the question yes there's no

200

00:09:18,700 --> 00:09:26,080  
scale of course yes no end point but but

201  
00:09:23,919 --> 00:09:27,729  
I guess I would just describe it you

202  
00:09:26,080 --> 00:09:31,870  
know verbally is you know the huge

203  
00:09:27,730 --> 00:09:33,970  
progress we've come a long ways and do I

204  
00:09:31,870 --> 00:09:36,909  
agree with Peter singers expanding

205  
00:09:33,970 --> 00:09:39,060  
circle of sentiments and but I think we

206  
00:09:36,909 --> 00:09:41,589  
should expand it even a little bit more

207  
00:09:39,059 --> 00:09:44,769  
well first you know women and blacks now

208  
00:09:41,590 --> 00:09:46,810  
and you know gays next close you know

209  
00:09:44,769 --> 00:09:51,009  
there it's that it's happening right now

210  
00:09:46,809 --> 00:09:52,509  
and very very effectively I think yes

211  
00:09:51,009 --> 00:09:55,330  
although I would have thought a little

212  
00:09:52,509 --> 00:09:58,120  
faster banila will get there and so

213  
00:09:55,330 --> 00:10:00,800  
we're the last of the oppressed menorahs

214  
00:09:58,120 --> 00:10:02,659

so to speak atheists I mean it-it's hard

215

00:10:00,799 --> 00:10:04,789

it started claim i'm in a present he

216

00:10:02,659 --> 00:10:06,620

minority is a white guy living in Los

217

00:10:04,789 --> 00:10:08,719

Angeles I mean it's like that's not

218

00:10:06,620 --> 00:10:10,909

exactly like it's a big problem but but

219

00:10:08,720 --> 00:10:12,860

there are places in the world and in the

220

00:10:10,909 --> 00:10:14,419

united states where it's not so well the

221

00:10:12,860 --> 00:10:17,620

United States government Richard oak

222

00:10:14,419 --> 00:10:20,539

enough tokens often says that any

223

00:10:17,620 --> 00:10:24,440

out-and-out atheist couldn't get elected

224

00:10:20,539 --> 00:10:26,139

to office yes well true is he I don't

225

00:10:24,440 --> 00:10:30,070

know I don't think that's actually true

226

00:10:26,139 --> 00:10:32,929

I mean there are some atheists

227

00:10:30,070 --> 00:10:35,420

congressman who have you know said that

228

00:10:32,929 --> 00:10:39,889

they are president I don't know maybe

229  
00:10:35,419 --> 00:10:41,599  
not um you know yet anyway not yet but

230  
00:10:39,889 --> 00:10:43,879  
we're getting maybe we're getting there

231  
00:10:41,600 --> 00:10:45,860  
it'll just takes time how long ago was

232  
00:10:43,879 --> 00:10:47,689  
it with the thought of an

233  
00:10:45,860 --> 00:10:50,839  
african-american president I don't think

234  
00:10:47,690 --> 00:10:53,360  
of yes right unthinkable Anthony go yeah

235  
00:10:50,839 --> 00:10:56,510  
i mean when kennedy ran it was a big

236  
00:10:53,360 --> 00:10:58,639  
thing that he was catholic yes it's like

237  
00:10:56,509 --> 00:11:00,439  
a big boy he's account and i think

238  
00:10:58,639 --> 00:11:03,110  
there's a chance that mitt romney will

239  
00:11:00,440 --> 00:11:06,950  
get the nomination over perry hopefully

240  
00:11:03,110 --> 00:11:08,839  
and he actually could defeat obama if

241  
00:11:06,950 --> 00:11:11,750  
the economy just turned around so we

242  
00:11:08,839 --> 00:11:13,760  
could have a Mormon president and it'll

243  
00:11:11,750 --> 00:11:16,278  
be interesting to see if that comes to

244  
00:11:13,759 --> 00:11:18,708  
the forefront you know like do you wear

245  
00:11:16,278 --> 00:11:21,019  
the underwear and do you really believe

246  
00:11:18,708 --> 00:11:24,739  
that Joseph Smith you know read the

247  
00:11:21,019 --> 00:11:26,659  
secret codes through these little peep

248  
00:11:24,740 --> 00:11:29,028  
stones in and out of my husband's out of

249  
00:11:26,659 --> 00:11:30,319  
a hat yeah yeah i mean really believe

250  
00:11:29,028 --> 00:11:31,850  
that I wonder if it whether the

251  
00:11:30,320 --> 00:11:33,709  
expression comes from you're talking out

252  
00:11:31,850 --> 00:11:37,129  
of your hat I don't think so but yeah I

253  
00:11:33,708 --> 00:11:40,338  
don't either anyway and apart from that

254  
00:11:37,129 --> 00:11:44,328  
I've been reading some of the and I

255  
00:11:40,339 --> 00:11:46,490  
think I have an audio report you've run

256  
00:11:44,328 --> 00:11:50,059  
into trouble with the truth is over the

257

00:11:46,490 --> 00:11:52,850  
yeah yeah what why you specifically is

258  
00:11:50,059 --> 00:11:54,769  
that because you've been hammering them

259  
00:11:52,850 --> 00:11:57,528  
yeah well I'm the reason been hammering

260  
00:11:54,769 --> 00:11:59,689  
I'm pretty hard every chance I get just

261  
00:11:57,528 --> 00:12:01,370  
because I I don't know why it appeals to

262  
00:11:59,690 --> 00:12:02,930  
me is so much is that it's just one of

263  
00:12:01,370 --> 00:12:05,360  
the goofier things I've ever heard it's

264  
00:12:02,929 --> 00:12:08,629  
just so classically your rationale in

265  
00:12:05,360 --> 00:12:11,629  
the sense of making Mickey basic logical

266  
00:12:08,629 --> 00:12:15,139  
fallacies the conjunction fallacy

267  
00:12:11,629 --> 00:12:18,919  
example the probability of two events

268  
00:12:15,139 --> 00:12:20,230  
happening ro is always going to be less

269  
00:12:18,919 --> 00:12:24,319  
than either one of them by themselves

270  
00:12:20,230 --> 00:12:26,779  
happening and so we know planes crashed

271  
00:12:24,320 --> 00:12:29,030

into the World Trade Center buildings so

272

00:12:26,779 --> 00:12:31,059

the belief that controlled demolition

273

00:12:29,029 --> 00:12:36,199

also happened you have to believe that

274

00:12:31,059 --> 00:12:38,269

both sets of improbable events happen at

275

00:12:36,200 --> 00:12:40,129

the same time and furthermore that

276

00:12:38,269 --> 00:12:42,559

somehow they planted the bombs and the

277

00:12:40,129 --> 00:12:44,629

exact same floors that the wings of the

278

00:12:42,559 --> 00:12:46,309

plane hit at that angle because that's

279

00:12:44,629 --> 00:12:48,919

the angle at which the buildings began

280

00:12:46,309 --> 00:12:51,139

to collapse you can see it's videos so

281

00:12:48,919 --> 00:12:53,240

somehow or another that would have it

282

00:12:51,139 --> 00:12:55,909

the pilots would have had to know okay

283

00:12:53,240 --> 00:12:59,450

we gotta hit floors you know 73 through

284

00:12:55,909 --> 00:13:02,689

82 it makes furious body yeah it is very

285

00:12:59,450 --> 00:13:03,800

because right and I had an email just

286  
00:13:02,690 --> 00:13:06,380  
the other day from one of the troopers

287  
00:13:03,799 --> 00:13:08,389  
going you know about the asbestos thing

288  
00:13:06,379 --> 00:13:09,679  
right when they built the World Trade

289  
00:13:08,389 --> 00:13:11,809  
Center buildings when they got up to

290  
00:13:09,679 --> 00:13:13,879  
like the 76th floor there was this big

291  
00:13:11,809 --> 00:13:16,459  
controversy about asbestos and they had

292  
00:13:13,879 --> 00:13:19,279  
no asbestos from the floors on up for

293  
00:13:16,460 --> 00:13:20,870  
fire protection and and so the pilots

294  
00:13:19,279 --> 00:13:23,360  
were told ahead of time there's no

295  
00:13:20,870 --> 00:13:25,700  
asbestos in the foot you know from floor

296  
00:13:23,360 --> 00:13:28,340  
73 on up so make sure you hit that floor

297  
00:13:25,700 --> 00:13:30,379  
and or higher in and they review ahead

298  
00:13:28,340 --> 00:13:35,120  
program the plane to hit it that it was

299  
00:13:30,379 --> 00:13:36,679  
like really really delete is but this is

300  
00:13:35,120 --> 00:13:38,929  
just one of them right this is just one

301  
00:13:36,679 --> 00:13:40,639  
of the theories yes all sorts of one's

302  
00:13:38,929 --> 00:13:43,459  
flying out that fly quoc shouldn't use

303  
00:13:40,639 --> 00:13:46,639  
that yeah but out there about they

304  
00:13:43,460 --> 00:13:49,940  
weren't planes at all oh right and crazy

305  
00:13:46,639 --> 00:13:52,009  
this remote-control plane flown planes

306  
00:13:49,940 --> 00:13:54,020  
well they had bombs strapped to them

307  
00:13:52,009 --> 00:13:55,220  
right there's I've heard yes they were

308  
00:13:54,019 --> 00:13:56,929  
strapped to them I've heard that one

309  
00:13:55,220 --> 00:13:59,660  
that the remote control there was nobody

310  
00:13:56,929 --> 00:14:01,609  
in them here right so then you ask him

311  
00:13:59,659 --> 00:14:04,339  
what were worth worth of passengers go

312  
00:14:01,610 --> 00:14:06,590  
because you know there were people well

313  
00:14:04,340 --> 00:14:08,030  
they swept him off and took him to a

314

00:14:06,590 --> 00:14:10,340  
warehouse and we're all they have to say

315  
00:14:08,029 --> 00:14:11,990  
is well the US government well they can

316  
00:14:10,340 --> 00:14:13,490  
do anything they might I US government

317  
00:14:11,990 --> 00:14:15,860  
seem to have their omniscient and

318  
00:14:13,490 --> 00:14:17,029  
omnipotent yeah yeah they can't get the

319  
00:14:15,860 --> 00:14:18,440  
tax system right or the health system

320  
00:14:17,029 --> 00:14:20,029  
right but they can make all these people

321  
00:14:18,440 --> 00:14:22,520  
just right

322  
00:14:20,029 --> 00:14:23,779  
it is and what about the people that

323  
00:14:22,519 --> 00:14:25,669  
were talking to their loved ones on

324  
00:14:23,779 --> 00:14:27,620  
their cell phones yeah well you know the

325  
00:14:25,669 --> 00:14:28,819  
FBI and the CIA they have the special

326  
00:14:27,620 --> 00:14:31,850  
equipment where they can replicate

327  
00:14:28,820 --> 00:14:33,680  
people's conversations and actually

328  
00:14:31,850 --> 00:14:35,899

running a conversation with you know

329

00:14:33,679 --> 00:14:40,099

just goes on and on it's just so absurd

330

00:14:35,899 --> 00:14:41,629

so yeah I hammer that pretty good I must

331

00:14:40,100 --> 00:14:44,000

do you hidden isn't that there's no end

332

00:14:41,629 --> 00:14:45,860

I mean you can't you can't give them the

333

00:14:44,000 --> 00:14:47,690

fate of complete rest that's not

334

00:14:45,860 --> 00:14:51,289

possible for sometimes people do you

335

00:14:47,690 --> 00:14:52,610

find that there's the similar similarity

336

00:14:51,289 --> 00:14:55,399

between the truth is and the climate

337

00:14:52,610 --> 00:14:58,700

change deniers well I guess in a sense

338

00:14:55,399 --> 00:15:03,199

of there's no facts that will convince

339

00:14:58,700 --> 00:15:05,379

them I mean the ice cap on Greenland

340

00:15:03,200 --> 00:15:08,750

could fall off into the ocean and then

341

00:15:05,379 --> 00:15:10,820

it's a left-wing conspiracy or something

342

00:15:08,750 --> 00:15:13,820

you know because you know there'll be

343  
00:15:10,820 --> 00:15:15,470  
people listening to this interview great

344  
00:15:13,820 --> 00:15:17,360  
listeners of the skeptic zone who will

345  
00:15:15,470 --> 00:15:20,149  
now there is we'll be burning because

346  
00:15:17,360 --> 00:15:22,310  
they consider that we're crazy that we

347  
00:15:20,149 --> 00:15:25,399  
three exhale you know I consensus on

348  
00:15:22,309 --> 00:15:26,959  
climate change right it's a fascinating

349  
00:15:25,399 --> 00:15:28,909  
I understand what are coming from and I

350  
00:15:26,960 --> 00:15:30,470  
was skeptical of the climate stuff for

351  
00:15:28,909 --> 00:15:32,230  
quite a while I mean when I was in

352  
00:15:30,470 --> 00:15:35,360  
college the environmentalist movement

353  
00:15:32,230 --> 00:15:37,279  
used a lot of scare tactics and you know

354  
00:15:35,360 --> 00:15:39,639  
things created this sort of dystopia

355  
00:15:37,279 --> 00:15:42,799  
world that we were all heading into and

356  
00:15:39,639 --> 00:15:44,960  
you know overpopulation and I remember

357  
00:15:42,799 --> 00:15:47,000  
that rainforests would be gone peak oil

358  
00:15:44,960 --> 00:15:49,220  
would you see the world now before you

359  
00:15:47,000 --> 00:15:50,960  
highlights of it yeah and well what

360  
00:15:49,220 --> 00:15:53,540  
happened well what happened was science

361  
00:15:50,960 --> 00:15:55,490  
really saved us were able to feed those

362  
00:15:53,539 --> 00:15:56,779  
people now unlike before and and the

363  
00:15:55,490 --> 00:16:00,590  
earth can sustain more because of

364  
00:15:56,779 --> 00:16:02,149  
science and technology and and also they

365  
00:16:00,590 --> 00:16:03,470  
exaggerated so you know the projections

366  
00:16:02,149 --> 00:16:05,720  
are hard to make and the science wasn't

367  
00:16:03,470 --> 00:16:08,090  
very good in 1970s but it's really good

368  
00:16:05,720 --> 00:16:10,399  
now right so I kind of lost track of it

369  
00:16:08,090 --> 00:16:13,420  
for a while and it seemed like there was

370  
00:16:10,399 --> 00:16:17,360  
a lot of exaggeration going on and and

371

00:16:13,419 --> 00:16:19,099  
but but really by 2000 2000 s I think

372  
00:16:17,360 --> 00:16:20,419  
the evidence was pretty overwhelming you

373  
00:16:19,100 --> 00:16:23,210  
know there was just a lot of really good

374  
00:16:20,419 --> 00:16:24,469  
data and I think the way a skeptic

375  
00:16:23,210 --> 00:16:27,379  
should think about it is the same way

376  
00:16:24,470 --> 00:16:29,180  
that we know evolution happened that

377  
00:16:27,379 --> 00:16:31,490  
there's a convergence of evidence for

378  
00:16:29,179 --> 00:16:32,509  
multiple lines of inquiry so the idea

379  
00:16:31,490 --> 00:16:34,970  
that

380  
00:16:32,509 --> 00:16:36,710  
climate change climate science is sort

381  
00:16:34,970 --> 00:16:39,710  
of a conspiracy of sorts and these guys

382  
00:16:36,710 --> 00:16:41,509  
are all in cahoots to get funding and

383  
00:16:39,710 --> 00:16:42,769  
that sort of thing this is the same

384  
00:16:41,509 --> 00:16:44,120  
accusation creationist bank about

385  
00:16:42,769 --> 00:16:45,379

evolution it's like they're all meeting

386

00:16:44,120 --> 00:16:47,269  
on the weekends get their stories

387

00:16:45,379 --> 00:16:49,789  
straight you know and that's not how it

388

00:16:47,269 --> 00:16:51,710  
happens I mean evolution is understood

389

00:16:49,789 --> 00:16:54,559  
through so many different fields of

390

00:16:51,710 --> 00:16:56,150  
science of scientists that don't even

391

00:16:54,559 --> 00:16:57,949  
know each other they don't go to the

392

00:16:56,149 --> 00:17:00,679  
same conferences they work in different

393

00:16:57,950 --> 00:17:01,940  
fields completely different fields and

394

00:17:00,679 --> 00:17:03,500  
the same thing with climates I mean you

395

00:17:01,940 --> 00:17:04,820  
got the glacier guys they you know

396

00:17:03,500 --> 00:17:07,519  
they're one group and they go to their

397

00:17:04,819 --> 00:17:10,009  
own conferences and the people study

398

00:17:07,519 --> 00:17:13,009  
clouds and and then you got the the

399

00:17:10,009 --> 00:17:16,269  
colleges that study some obscure frog

400  
00:17:13,009 --> 00:17:18,920  
that has to breed with this kind of hmm

401  
00:17:16,269 --> 00:17:20,869  
when these plants open or some bird or

402  
00:17:18,920 --> 00:17:23,000  
whatever that and these plants are now

403  
00:17:20,869 --> 00:17:27,229  
opening earlier and earlier every year

404  
00:17:23,000 --> 00:17:28,279  
because it's you know it's you know the

405  
00:17:27,230 --> 00:17:29,720  
clients getting warmer and warmer

406  
00:17:28,279 --> 00:17:32,720  
earlier and earlier because of global

407  
00:17:29,720 --> 00:17:35,210  
warming now that guy you know he doesn't

408  
00:17:32,720 --> 00:17:37,009  
know anything about clouds or climate

409  
00:17:35,210 --> 00:17:39,680  
modeling he's an ecologist that studies

410  
00:17:37,009 --> 00:17:43,690  
butyl flowering plants and he's

411  
00:17:39,680 --> 00:17:45,650  
documenting this change shift right so

412  
00:17:43,690 --> 00:17:47,360  
that's how we know about the climate

413  
00:17:45,650 --> 00:17:50,030  
change is multiple lines of inquiry is

414  
00:17:47,359 --> 00:17:53,899  
Concilium inductions that it makes

415  
00:17:50,029 --> 00:17:55,609  
science so robust and therefore when a

416  
00:17:53,900 --> 00:17:57,530  
climate deniers is oh yeah but what

417  
00:17:55,609 --> 00:18:00,949  
about this mistake that they made or you

418  
00:17:57,529 --> 00:18:03,079  
know what about this this station a

419  
00:18:00,950 --> 00:18:04,700  
temperature recording station that's in

420  
00:18:03,079 --> 00:18:08,089  
a parking lot of black parking lot the

421  
00:18:04,700 --> 00:18:10,100  
heat island effect well I mean do you

422  
00:18:08,089 --> 00:18:11,629  
think these people are idiots that do

423  
00:18:10,099 --> 00:18:13,099  
climate science they don't know about

424  
00:18:11,630 --> 00:18:14,570  
the heat island effect that you know

425  
00:18:13,099 --> 00:18:16,219  
they don't take that into account with

426  
00:18:14,569 --> 00:18:18,230  
this you know there's thousands of these

427  
00:18:16,220 --> 00:18:21,009  
temperature stations there are nowhere

428

00:18:18,230 --> 00:18:23,750  
near cities and they're showing these

429  
00:18:21,009 --> 00:18:27,619  
constantly changing trends of the earth

430  
00:18:23,750 --> 00:18:30,259  
getting warmer so that's just one of

431  
00:18:27,619 --> 00:18:31,789  
these like distracting things like the

432  
00:18:30,259 --> 00:18:33,680  
creationists used like if you can't

433  
00:18:31,789 --> 00:18:37,460  
explain this you know one little tiny

434  
00:18:33,680 --> 00:18:40,370  
thing here then evolution is wrong yeah

435  
00:18:37,460 --> 00:18:42,769  
that's a really I think this skeptics

436  
00:18:40,369 --> 00:18:44,489  
are becoming I mean they take their on

437  
00:18:42,769 --> 00:18:47,220  
the wrong side on this one now

438  
00:18:44,490 --> 00:18:49,558  
that's where the word is really terrible

439  
00:18:47,220 --> 00:18:51,660  
yeah right so I mean climate-change

440  
00:18:49,558 --> 00:18:54,720  
skeptic is firmly implanted in the

441  
00:18:51,660 --> 00:18:56,308  
public yes right right that's why I was

442  
00:18:54,720 --> 00:18:59,850

discussing with you a little bit earlier

443

00:18:56,308 --> 00:19:01,859

where I'm used to be people say you're a

444

00:18:59,849 --> 00:19:04,379

climate-change skeptic right yeah

445

00:19:01,859 --> 00:19:07,019

frequently as they used to not so much

446

00:19:04,380 --> 00:19:08,520

anymore you used to say you guys are

447

00:19:07,019 --> 00:19:15,690

crazy you don't even think we went to

448

00:19:08,519 --> 00:19:18,089

the moon yeah right yeah so yeah you

449

00:19:15,690 --> 00:19:20,250

know the climate are skeptics who are

450

00:19:18,089 --> 00:19:22,859

climate skeptics are a different breed

451

00:19:20,250 --> 00:19:25,319

because they tend to also be liberal

452

00:19:22,859 --> 00:19:26,519

they're not politically motivated like

453

00:19:25,319 --> 00:19:29,009

the right-wingers right wingers

454

00:19:26,519 --> 00:19:30,720

conservatives they're against climate

455

00:19:29,009 --> 00:19:33,480

change because they think it's a liberal

456

00:19:30,720 --> 00:19:36,720

plot against business and capitalism and

457  
00:19:33,480 --> 00:19:38,819  
free markets and and those elite snobby

458  
00:19:36,720 --> 00:19:40,079  
liberals in Harvard and these Coast

459  
00:19:38,819 --> 00:19:41,428  
liberals and all they want to run the

460  
00:19:40,079 --> 00:19:42,960  
world because they think they know best

461  
00:19:41,429 --> 00:19:46,800  
and they're using climate change as a

462  
00:19:42,960 --> 00:19:49,079  
way of manipulating you know policy

463  
00:19:46,799 --> 00:19:52,230  
political public policy and things like

464  
00:19:49,079 --> 00:19:54,269  
that obviously skeptics don't think that

465  
00:19:52,230 --> 00:19:56,450  
because they tend not to be conservative

466  
00:19:54,269 --> 00:20:00,269  
all right ours are skeptics indignant

467  
00:19:56,450 --> 00:20:01,860  
and but again most the people that mouth

468  
00:20:00,269 --> 00:20:04,740  
off about it really don't know much

469  
00:20:01,859 --> 00:20:07,558  
climate science I I agree i mean when i

470  
00:20:04,740 --> 00:20:08,940  
read primers book when i first came out

471  
00:20:07,558 --> 00:20:10,759  
he and lemurs book i thought hey you

472  
00:20:08,940 --> 00:20:13,529  
know this guy's in our camp yeah he

473  
00:20:10,759 --> 00:20:14,940  
debunked those crazy creations he was

474  
00:20:13,529 --> 00:20:16,529  
one of the first guys that came out here

475  
00:20:14,940 --> 00:20:19,830  
line for god he did it he did a

476  
00:20:16,529 --> 00:20:22,259  
wonderful job so he had street cred with

477  
00:20:19,829 --> 00:20:24,960  
jeff walz back yeah yeah so when i read

478  
00:20:22,259 --> 00:20:27,480  
his book i thought okay this guy's you

479  
00:20:24,960 --> 00:20:28,920  
know i can trust this guy and wow the

480  
00:20:27,480 --> 00:20:30,299  
stuff he's right in here you know maybe

481  
00:20:28,920 --> 00:20:33,029  
I'm wrong maybe I had a shift back and

482  
00:20:30,299 --> 00:20:37,139  
be skeptical of the climate stuff again

483  
00:20:33,029 --> 00:20:38,700  
and I read it on a plane and then when I

484  
00:20:37,140 --> 00:20:41,340  
got back I called Don Prothero my

485

00:20:38,700 --> 00:20:44,730  
resident expert in these matters at

486  
00:20:41,339 --> 00:20:46,439  
Caltech and he said oh no no no here go

487  
00:20:44,730 --> 00:20:49,829  
to this web page there's like a you know

488  
00:20:46,440 --> 00:20:52,620  
a list of 200 errors in the lemurs book

489  
00:20:49,829 --> 00:20:56,308  
and not just errors but stuff like he it

490  
00:20:52,619 --> 00:20:58,229  
really looks like he intentionally lied

491  
00:20:56,308 --> 00:21:00,269  
about data sets and

492  
00:20:58,230 --> 00:21:01,740  
and change graphs to make it look

493  
00:21:00,269 --> 00:21:04,109  
different i mean it was really quite

494  
00:21:01,740 --> 00:21:05,400  
disturbing what i was reading and I mean

495  
00:21:04,109 --> 00:21:07,259  
I could check you can check it you have

496  
00:21:05,400 --> 00:21:09,809  
his book there's the web page you could

497  
00:21:07,259 --> 00:21:12,569  
look and see what he did it's like this

498  
00:21:09,808 --> 00:21:14,759  
is really infuriating it's not just that

499  
00:21:12,569 --> 00:21:16,950

you made a few errors it really looks at

500

00:21:14,759 --> 00:21:19,710

almost intentional you know so I must

501

00:21:16,950 --> 00:21:23,160

admit I haven't written a book and I do

502

00:21:19,710 --> 00:21:26,880

tend to steer away from the issue in

503

00:21:23,160 --> 00:21:28,110

general yeah simply because or the two

504

00:21:26,880 --> 00:21:30,110

reasons what I don't know enough about

505

00:21:28,109 --> 00:21:32,819

it I really don't know I mean I'd like

506

00:21:30,109 --> 00:21:35,428

what most of my concentration time is

507

00:21:32,819 --> 00:21:38,819

spent on the classical stuff yeah I'll

508

00:21:35,429 --> 00:21:41,100

made all pasiba bands that you have it

509

00:21:38,819 --> 00:21:43,529

on you in your hand right now or ghost

510

00:21:41,099 --> 00:21:45,689

of money all this sort of right that's

511

00:21:43,529 --> 00:21:47,700

where my strengths are and the other one

512

00:21:45,690 --> 00:21:50,130

is because of the passion stirs up and

513

00:21:47,700 --> 00:21:52,080

people write to me extraordinary email

514  
00:21:50,130 --> 00:21:54,540  
so you must get these all the time oh

515  
00:21:52,079 --> 00:21:56,490  
yeah yeah yeah you're a skeptic I'm a

516  
00:21:54,539 --> 00:21:59,369  
skeptic so why aren't you skeptical of

517  
00:21:56,490 --> 00:22:01,169  
the climate stuff isn't it obvious we

518  
00:21:59,369 --> 00:22:04,199  
published a beautiful article in skeptic

519  
00:22:01,169 --> 00:22:06,270  
by tapio schneider at Caltech who's a

520  
00:22:04,200 --> 00:22:08,009  
professional climate scientists and i

521  
00:22:06,269 --> 00:22:10,500  
commissioned him just give us give us

522  
00:22:08,009 --> 00:22:13,379  
like how do we know climate change is

523  
00:22:10,500 --> 00:22:15,450  
real what give us like a 10 bullet point

524  
00:22:13,380 --> 00:22:16,799  
the best grass the best datasets what

525  
00:22:15,450 --> 00:22:19,259  
are they you know we published it and

526  
00:22:16,798 --> 00:22:21,000  
the letters we got just hundreds of

527  
00:22:19,259 --> 00:22:23,400  
emails you know but you know how crazy

528  
00:22:21,000 --> 00:22:25,500  
or to believe this stuff yeah yeah and

529  
00:22:23,400 --> 00:22:28,470  
again it's like the heat island effect

530  
00:22:25,500 --> 00:22:30,359  
is thrown off all the measuring even

531  
00:22:28,470 --> 00:22:32,100  
though he says right in there you know

532  
00:22:30,359 --> 00:22:35,459  
most of these measuring stations are

533  
00:22:32,099 --> 00:22:39,029  
nowhere near cities it's like did they

534  
00:22:35,460 --> 00:22:41,308  
even read this article just doesn't sort

535  
00:22:39,029 --> 00:22:42,599  
of a knee-jerk thing I don't know now

536  
00:22:41,308 --> 00:22:44,279  
you know penduline makes a big thing

537  
00:22:42,599 --> 00:22:45,808  
like a tam you know it should be okay to

538  
00:22:44,279 --> 00:22:47,399  
say i don't know he says I don't know if

539  
00:22:45,808 --> 00:22:49,200  
climate change is really not I don't

540  
00:22:47,400 --> 00:22:52,530  
know it should be okay to say I don't

541  
00:22:49,200 --> 00:22:54,929  
know yes as a confession of I don't know

542

00:22:52,529 --> 00:22:56,369  
anything about it to know whether it's

543  
00:22:54,929 --> 00:22:59,429  
real well I don't know anything about

544  
00:22:56,369 --> 00:23:01,229  
string theory either or really I don't

545  
00:22:59,429 --> 00:23:04,679  
know much about much of most of

546  
00:23:01,230 --> 00:23:08,940  
cosmology or biochemistry or genetics

547  
00:23:04,679 --> 00:23:11,410  
you know I mean and yet we we accept

548  
00:23:08,940 --> 00:23:12,820  
that we don't say you know I

549  
00:23:11,410 --> 00:23:14,320  
really don't know about that DNA

550  
00:23:12,819 --> 00:23:18,269  
genetics this is the difference between

551  
00:23:14,319 --> 00:23:20,589  
saying I generally accept something and

552  
00:23:18,269 --> 00:23:22,059  
and on the other side of the coin it

553  
00:23:20,589 --> 00:23:24,069  
doesn't mean I can go out and stand in

554  
00:23:22,059 --> 00:23:25,779  
front of the public and defend it yes

555  
00:23:24,069 --> 00:23:28,450  
very and I would that's right and a foal

556  
00:23:25,779 --> 00:23:31,210

dad because they have a question pitch

557

00:23:28,450 --> 00:23:35,080

that may not be what would I say yeah

558

00:23:31,210 --> 00:23:36,700

right oh yeah like cosmology so the

559

00:23:35,079 --> 00:23:39,939

climate thing is definitely politicized

560

00:23:36,700 --> 00:23:43,720

for sure and it's certainly a hot-button

561

00:23:39,940 --> 00:23:45,610

issue and so to speak so I wonder and do

562

00:23:43,720 --> 00:23:47,289

you see anything on the horizon what's

563

00:23:45,609 --> 00:23:50,169

the next big thing that's going to come

564

00:23:47,289 --> 00:23:53,170

along yeah I can't see the future but

565

00:23:50,170 --> 00:23:55,509

yeah I don't know well you know the

566

00:23:53,170 --> 00:23:58,930

anti-vaccine vaxors thing is still

567

00:23:55,509 --> 00:24:03,579

pretty hot yeah you know that we're

568

00:23:58,930 --> 00:24:06,009

still going strong with that the wealth

569

00:24:03,579 --> 00:24:09,819

you know I just assumed that creation

570

00:24:06,009 --> 00:24:11,740

and stuff will never fully die it I mean

571  
00:24:09,819 --> 00:24:13,589  
we've got a lot of good things in this

572  
00:24:11,740 --> 00:24:16,720  
country I must boast about it and

573  
00:24:13,589 --> 00:24:18,609  
working the creationists pretty hot over

574  
00:24:16,720 --> 00:24:20,140  
the years yeah i mean that's been pretty

575  
00:24:18,609 --> 00:24:22,029  
successful i mean they're still there of

576  
00:24:20,140 --> 00:24:24,580  
course but i don't have nearly the

577  
00:24:22,029 --> 00:24:27,190  
influence that you right i don't know i

578  
00:24:24,579 --> 00:24:29,619  
mean i'm now dear friend Eugenie Scott

579  
00:24:27,190 --> 00:24:31,570  
certainly has our hands full constantly

580  
00:24:29,619 --> 00:24:33,369  
cäcilie yeah you'd think they'd be

581  
00:24:31,569 --> 00:24:36,339  
progress by now it just keeps evolving

582  
00:24:33,369 --> 00:24:38,109  
the movement so to speak so well we'll

583  
00:24:36,339 --> 00:24:40,240  
go next well you know the intelligent

584  
00:24:38,109 --> 00:24:42,039  
design movement is much more

585  
00:24:40,240 --> 00:24:46,150  
sophisticated in the previous soon

586  
00:24:42,039 --> 00:24:48,099  
gracious so they continue to have legs

587  
00:24:46,150 --> 00:24:49,720  
but not quite as much as before the

588  
00:24:48,099 --> 00:24:51,219  
Dover trial is certainly a blow against

589  
00:24:49,720 --> 00:24:55,360  
that yes yes but they haven't gone away

590  
00:24:51,220 --> 00:24:56,769  
for sure they're still around like I

591  
00:24:55,359 --> 00:25:00,369  
guess it's one of the things that makes

592  
00:24:56,769 --> 00:25:01,599  
our job interesting yeah right going to

593  
00:25:00,369 --> 00:25:03,519  
happen next emit a couple of years ago

594  
00:25:01,599 --> 00:25:06,009  
I'd never heard of the the power balance

595  
00:25:03,519 --> 00:25:07,779  
bracelet oh right I came a while that's

596  
00:25:06,009 --> 00:25:10,480  
relatively new isn't it may be five year

597  
00:25:07,779 --> 00:25:12,069  
this this sort of the holograph in the

598  
00:25:10,480 --> 00:25:15,220  
rubberband sort of thing I mean I only

599

00:25:12,069 --> 00:25:16,569  
had first heard about it in 2009 that

600  
00:25:15,220 --> 00:25:20,589  
it's been an interesting thing I've ever

601  
00:25:16,569 --> 00:25:23,779  
on American athletes use it so they have

602  
00:25:20,589 --> 00:25:26,250  
proper balance in their sport

603  
00:25:23,779 --> 00:25:28,500  
well whatever it is michael shermer I'm

604  
00:25:26,250 --> 00:25:31,109  
sure you'll be receiving emails

605  
00:25:28,500 --> 00:25:32,819  
constantly yeah well that's but I have

606  
00:25:31,109 --> 00:25:34,259  
job security in that sense there is

607  
00:25:32,819 --> 00:25:37,740  
always going to be something for us to

608  
00:25:34,259 --> 00:25:41,009  
do there is eternal vigilance that's the

609  
00:25:37,740 --> 00:25:43,559  
price of freedom yet and at my sanity if

610  
00:25:41,009 --> 00:25:46,950  
cost our sanity sometimes here go I'm

611  
00:25:43,559 --> 00:25:48,869  
afraid so if our listeners I don't

612  
00:25:46,950 --> 00:25:50,490  
subscribe to your magazine and they

613  
00:25:48,869 --> 00:25:51,750

should of course what's the best website

614

00:25:50,490 --> 00:25:54,450

they can go to to find out more about

615

00:25:51,750 --> 00:25:56,849

you your work in the magazine skeptic

616

00:25:54,450 --> 00:26:00,420

calm that's easy it's easy it's very

617

00:25:56,849 --> 00:26:02,399

great website yeah it is yet very simple

618

00:26:00,420 --> 00:26:04,740

straightforward if you ever want to sell

619

00:26:02,400 --> 00:26:07,740

it you'd make a fortune in maybe I don't

620

00:26:04,740 --> 00:26:09,750

know about that skeptical Michael

621

00:26:07,740 --> 00:26:11,970

Shermer we you and I are about to walk

622

00:26:09,750 --> 00:26:13,589

around the corner down to skeptics in

623

00:26:11,970 --> 00:26:15,809

the pub here and so that's good see

624

00:26:13,589 --> 00:26:18,569

that's all another movement that I never

625

00:26:15,809 --> 00:26:20,429

anticipated all the social media and the

626

00:26:18,569 --> 00:26:22,679

growth of skepticism from the bottom up

627

00:26:20,430 --> 00:26:24,570

it's you know every city I go to there's

628  
00:26:22,680 --> 00:26:25,950  
you know a skeptics at the pub a these

629  
00:26:24,569 --> 00:26:27,119  
beat-up group the facebook group

630  
00:26:25,950 --> 00:26:29,460  
whatever you know it's like they're

631  
00:26:27,119 --> 00:26:31,589  
everywhere it's good stuff agree with

632  
00:26:29,460 --> 00:26:34,549  
you I've been heavily into this with

633  
00:26:31,589 --> 00:26:37,679  
just over ten years and this grassroots

634  
00:26:34,549 --> 00:26:39,539  
socializing meeting yeah just didn't

635  
00:26:37,680 --> 00:26:41,850  
happen yep that's right so it's all

636  
00:26:39,539 --> 00:26:43,399  
involved that's right and no one

637  
00:26:41,849 --> 00:26:46,799  
directed it there's no one in charge

638  
00:26:43,400 --> 00:26:49,980  
which I like we're having our own Arab

639  
00:26:46,799 --> 00:26:51,539  
Spring Michaels you ever enjoy the rest

640  
00:26:49,980 --> 00:26:55,819  
of your short stay in Australia and

641  
00:26:51,539 --> 00:26:55,819  
thank you for talking to the oxen

642  
00:27:04,470 --> 00:27:10,720  
hi this is scary papi i am ross Blocher

643  
00:27:08,230 --> 00:27:14,170  
okay Ross hey we're from a podcast

644  
00:27:10,720 --> 00:27:15,880  
called oh no Ross and Carrie we find out

645  
00:27:14,170 --> 00:27:17,289  
what happens when you show up and ask

646  
00:27:15,880 --> 00:27:19,540  
questions we've hung out with the

647  
00:27:17,289 --> 00:27:22,089  
Cabalists the Mormons we've gone and

648  
00:27:19,539 --> 00:27:24,549  
gotten ear candle gone to the Sikhs we

649  
00:27:22,089 --> 00:27:26,169  
show up so you don't have to so find out

650  
00:27:24,549 --> 00:27:28,269  
where we're going next we'll even have

651  
00:27:26,170 --> 00:27:30,670  
special episodes where we have famous

652  
00:27:28,269 --> 00:27:32,680  
guests like Brian Dalton from mr. deity

653  
00:27:30,670 --> 00:27:34,660  
you heard that awesome theme music he

654  
00:27:32,680 --> 00:27:39,070  
wrote that you should come visit us at

655  
00:27:34,660 --> 00:27:41,650  
Oh No podcast.com or facebook.com slash

656

00:27:39,069 --> 00:27:45,759  
on rack what the hell's honor a cross Oh

657  
00:27:41,650 --> 00:27:49,710  
in RAC oh oh no Ross and Carrie that's

658  
00:27:45,759 --> 00:27:49,710  
our show that's a smart come join us

659  
00:27:52,179 --> 00:27:59,159  
here's my not spooky action at a

660  
00:27:56,558 --> 00:27:59,158  
distance

661  
00:27:59,490 --> 00:28:03,839  
well we're here about to see Michael

662  
00:28:01,529 --> 00:28:05,279  
Sherman L why do you wanna see Michael

663  
00:28:03,839 --> 00:28:06,599  
Sherman up why'd you come along you seen

664  
00:28:05,279 --> 00:28:10,379  
him before I have seen in me for years

665  
00:28:06,599 --> 00:28:11,819  
I've is it the skeptics skeptic and more

666  
00:28:10,380 --> 00:28:14,190  
or less i think yes i mean there if

667  
00:28:11,819 --> 00:28:15,808  
something's like or although i disagree

668  
00:28:14,190 --> 00:28:17,370  
with something he says agree with if we

669  
00:28:15,808 --> 00:28:18,629  
all agree with each other someone once

670  
00:28:17,369 --> 00:28:21,750

said if two people agree on everything's

671

00:28:18,630 --> 00:28:23,340

totally one of them's redundant but i

672

00:28:21,750 --> 00:28:26,839

think in many standoff had a good work

673

00:28:23,339 --> 00:28:29,490

for skepticism he's also i like his

674

00:28:26,839 --> 00:28:32,579

breadth of what he does he isn't just

675

00:28:29,490 --> 00:28:33,630

concert on one particular area of it my

676

00:28:32,579 --> 00:28:35,339

son was asked me the other day i was

677

00:28:33,630 --> 00:28:37,440

really booing my symbol is he's written

678

00:28:35,339 --> 00:28:39,299

12 books all of which I accept which

679

00:28:37,440 --> 00:28:40,558

cover about eight different topics he's

680

00:28:39,299 --> 00:28:42,058

done the Holocaust and oil thing which

681

00:28:40,558 --> 00:28:44,549

is excellent proceeded to attend

682

00:28:42,058 --> 00:28:46,259

historical research he's done research

683

00:28:44,549 --> 00:28:49,470

in psychology which is his academic

684

00:28:46,259 --> 00:28:53,750

background so I think he's interesting

685  
00:28:49,470 --> 00:28:56,160  
as a skeptic person he's he's not too

686  
00:28:53,750 --> 00:28:57,420  
one-dimensional then not saying all

687  
00:28:56,160 --> 00:28:59,940  
people are but most people concert on

688  
00:28:57,420 --> 00:29:04,350  
one area they'll do alternative medicine

689  
00:28:59,940 --> 00:29:06,299  
or they'll do okay paranormal stuff on

690  
00:29:04,349 --> 00:29:07,319  
him that he does the lot and does

691  
00:29:06,299 --> 00:29:08,819  
everything I think that's what's

692  
00:29:07,319 --> 00:29:12,869  
interesting about Sherman but he's not

693  
00:29:08,819 --> 00:29:14,250  
into you don't like everybody else yeah

694  
00:29:12,869 --> 00:29:15,359  
and your along receive Michael Schur me

695  
00:29:14,250 --> 00:29:17,400  
here tonight how come here along the

696  
00:29:15,359 --> 00:29:19,250  
scene I've seen him before a few years

697  
00:29:17,400 --> 00:29:22,320  
ago in Sydney and he did a debate with

698  
00:29:19,250 --> 00:29:24,269  
Professor John Lennox and that was very

699  
00:29:22,319 --> 00:29:26,849  
good that filled out there was a filled

700  
00:29:24,269 --> 00:29:30,240  
up the Wesley center got 800 people

701  
00:29:26,849 --> 00:29:32,609  
there I think he really mop the floor

702  
00:29:30,240 --> 00:29:35,640  
with a proposal and what was it about

703  
00:29:32,609 --> 00:29:38,159  
that time over does site has science

704  
00:29:35,640 --> 00:29:41,790  
buried God was the question

705  
00:29:38,160 --> 00:29:44,310  
Lennox was trying to set that science

706  
00:29:41,789 --> 00:29:46,519  
proves the existence of God and Sherman

707  
00:29:44,309 --> 00:29:48,779  
was arguing the opposite point of view

708  
00:29:46,519 --> 00:29:49,829  
and what are you hoping to hear from him

709  
00:29:48,779 --> 00:29:54,750  
tonight what do you think is the hot

710  
00:29:49,829 --> 00:29:56,460  
button issue for schirmer fans today I'm

711  
00:29:54,750 --> 00:29:59,369  
really not in I'd really don't know what

712  
00:29:56,460 --> 00:30:00,809  
to expect tonight so I'm interested to

713

00:29:59,369 --> 00:30:06,809  
hear what it says on all sorts of issues

714  
00:30:00,809 --> 00:30:08,429  
about religion other things like climate

715  
00:30:06,809 --> 00:30:10,710  
change I want to see what he has a view

716  
00:30:08,430 --> 00:30:13,920  
on that and the interesting because I

717  
00:30:10,710 --> 00:30:15,990  
know a lot of skeptics in Australia have

718  
00:30:13,920 --> 00:30:17,250  
differing views on climate change yeah

719  
00:30:15,990 --> 00:30:19,170  
and there's a lot of confusion about

720  
00:30:17,250 --> 00:30:21,690  
what the word means yeah it's very much

721  
00:30:19,170 --> 00:30:23,519  
a schism issue with with skeptics along

722  
00:30:21,690 --> 00:30:25,140  
with religion and belief in God the the

723  
00:30:23,519 --> 00:30:28,019  
global warming is another one isn't it

724  
00:30:25,140 --> 00:30:31,890  
yeah and I think Sherman has published

725  
00:30:28,019 --> 00:30:33,889  
on that on his blog so you comes down

726  
00:30:31,890 --> 00:30:36,270  
quite strongly in favor of the

727  
00:30:33,890 --> 00:30:38,340

anthropogenic global warming and

728

00:30:36,269 --> 00:30:41,700  
criticizing the

729

00:30:38,339 --> 00:30:44,259  
the global warming skeptic so-called

730

00:30:41,700 --> 00:30:46,179  
witnesses all he says tonight yes I'm

731

00:30:44,259 --> 00:30:47,679  
looking forward to her right and why you

732

00:30:46,179 --> 00:30:51,820  
long to see Michael show me here tonight

733

00:30:47,679 --> 00:30:54,309  
with the chicken and beef and salad um

734

00:30:51,819 --> 00:30:56,169  
because i haven't seen michael shermer

735

00:30:54,308 --> 00:30:58,178  
speak before in the flesh and i'd like

736

00:30:56,170 --> 00:31:01,808  
to here's why I'm here you think it's a

737

00:30:58,179 --> 00:31:03,220  
skeptic skeptic yeah i was thinking

738

00:31:01,808 --> 00:31:05,859  
about a moment today I thought he's a

739

00:31:03,220 --> 00:31:09,130  
bit like a younger version of james

740

00:31:05,859 --> 00:31:11,079  
randi in terms of you know skeptical

741

00:31:09,130 --> 00:31:13,600  
stature and other what sort of issues

742  
00:31:11,079 --> 00:31:16,269  
mighty won't you be really able to use

743  
00:31:13,599 --> 00:31:17,529  
opinion on I don't really mind I think

744  
00:31:16,269 --> 00:31:19,359  
whatever he wants to talk about probably

745  
00:31:17,529 --> 00:31:20,710  
gonna be interesting enough okay and can

746  
00:31:19,359 --> 00:31:23,439  
ask you why you're here to see Michael

747  
00:31:20,710 --> 00:31:25,390  
Sherman tonight I'm here because Michael

748  
00:31:23,440 --> 00:31:28,990  
was one of the first people that I was

749  
00:31:25,390 --> 00:31:33,429  
introduced to when I left the church so

750  
00:31:28,990 --> 00:31:34,929  
for me I hesitate to use word hero at

751  
00:31:33,429 --> 00:31:36,250  
all because it's probably doesn't fit

752  
00:31:34,929 --> 00:31:39,280  
the bill and I don't think it'd like

753  
00:31:36,250 --> 00:31:41,259  
that but for me it was him and richard

754  
00:31:39,279 --> 00:31:43,660  
dawkins were the first people that I i

755  
00:31:41,259 --> 00:31:45,579  
was able to get ahold of to learn about

756  
00:31:43,660 --> 00:31:47,529  
critical thinking and you know in

757  
00:31:45,579 --> 00:31:49,750  
questioning where my own beliefs and

758  
00:31:47,529 --> 00:31:51,519  
what the church was teaching and was it

759  
00:31:49,750 --> 00:31:53,679  
any particular book of his that did it

760  
00:31:51,519 --> 00:31:56,230  
or just his general writings you know

761  
00:31:53,679 --> 00:31:58,179  
what it was actually TED Talks for the

762  
00:31:56,230 --> 00:32:02,038  
first place I started and and he did a

763  
00:31:58,179 --> 00:32:06,669  
revision of a carl sagan's

764  
00:32:02,038 --> 00:32:08,919  
the baloney detection kit so for me

765  
00:32:06,669 --> 00:32:11,740  
those are the first first two things and

766  
00:32:08,919 --> 00:32:13,419  
now I've moved into a dawkins book from

767  
00:32:11,740 --> 00:32:15,788  
there which was obviously quite

768  
00:32:13,419 --> 00:32:17,528  
enlightening to me at the time over one

769  
00:32:15,788 --> 00:32:19,028  
of the people but people's always

770

00:32:17,528 --> 00:32:21,099  
references demon haunted world as a

771  
00:32:19,028 --> 00:32:22,720  
great start for critical thinking I read

772  
00:32:21,099 --> 00:32:24,609  
demon haunted world and it didn't it was

773  
00:32:22,720 --> 00:32:26,200  
a little bit dry for me but why people

774  
00:32:24,609 --> 00:32:28,418  
believe weird things was something that

775  
00:32:26,200 --> 00:32:30,370  
came a bit more alive to me um do you

776  
00:32:28,419 --> 00:32:32,950  
think he has a really interesting way of

777  
00:32:30,369 --> 00:32:35,138  
twisting things around I think partly

778  
00:32:32,950 --> 00:32:36,759  
because of his his own background which

779  
00:32:35,138 --> 00:32:38,408  
I've read a little bit about I know that

780  
00:32:36,759 --> 00:32:41,378  
he's come out of a similar church set up

781  
00:32:38,409 --> 00:32:43,840  
to what I was in he his communication

782  
00:32:41,378 --> 00:32:46,058  
style was something that was quite

783  
00:32:43,839 --> 00:32:47,678  
familiar to me and was very easy to

784  
00:32:46,058 --> 00:32:50,349

break through and I quite appreciated

785

00:32:47,679 --> 00:32:53,980

that then why you here to see Michael

786

00:32:50,349 --> 00:32:56,469

Sherman and I why Michael because he's

787

00:32:53,980 --> 00:32:59,440

the founder of you just written the

788

00:32:56,470 --> 00:33:01,360

American skeptics so I've been coming to

789

00:32:59,440 --> 00:33:03,610

the skeptics meeting fairly regularly so

790

00:33:01,359 --> 00:33:05,469

I wanted to see ya you know what he has

791

00:33:03,609 --> 00:33:07,418

to say and also I bought his book so i'm

792

00:33:05,470 --> 00:33:10,690

going to which book was that the

793

00:33:07,419 --> 00:33:14,379

believing brain is it one topic you'd

794

00:33:10,690 --> 00:33:16,870

like to see him talk about tonight i'm

795

00:33:14,378 --> 00:33:18,219

sure i just want to get surprised i

796

00:33:16,869 --> 00:33:20,258

didn't have anything specific in mind

797

00:33:18,220 --> 00:33:23,139

and it's halfway through the book and i

798

00:33:20,259 --> 00:33:25,690

think it's a great book so you just want

799

00:33:23,138 --> 00:33:27,750  
to see Freddie can't tell you how it

800

00:33:25,690 --> 00:33:31,570  
ends that'll spoil alone

801

00:33:27,750 --> 00:33:33,069  
hi dinner maybe and how come you're here

802

00:33:31,569 --> 00:33:34,689  
to see Michael Sherman tonight well

803

00:33:33,069 --> 00:33:36,819  
actually to be honest I don't know much

804

00:33:34,690 --> 00:33:38,440  
about Michael specifically but you know

805

00:33:36,819 --> 00:33:40,869  
I think they're coming out to hear talks

806

00:33:38,440 --> 00:33:42,940  
is a great way to one first hand about

807

00:33:40,869 --> 00:33:44,079  
what someone's about yeah well just

808

00:33:42,940 --> 00:33:46,240  
looking around your table here got

809

00:33:44,079 --> 00:33:47,710  
people at interest in atheist issues in

810

00:33:46,240 --> 00:33:49,569  
scientists issues in philosophical

811

00:33:47,710 --> 00:33:51,009  
issues so I mean that there's a great

812

00:33:49,569 --> 00:33:52,168  
broad range of experiences you can have

813  
00:33:51,009 --> 00:33:54,819  
in the one room it and that isn't

814  
00:33:52,169 --> 00:33:56,528  
absolutely yeah I think I heard Michael

815  
00:33:54,819 --> 00:33:58,089  
being interviewed by the the skeptics

816  
00:33:56,528 --> 00:34:01,119  
guide to the universe at one point and

817  
00:33:58,089 --> 00:34:03,879  
from memory he seems really interesting

818  
00:34:01,119 --> 00:34:06,699  
I personally feel that it's good idea to

819  
00:34:03,880 --> 00:34:09,970  
take the opportunity to hear anyone you

820  
00:34:06,700 --> 00:34:12,490  
know giving a skeptical talk because you

821  
00:34:09,969 --> 00:34:14,408  
know it's we we've just had time

822  
00:34:12,489 --> 00:34:16,689  
Australia fairly recently which is great

823  
00:34:14,409 --> 00:34:18,579  
and just the more people we can show

824  
00:34:16,690 --> 00:34:20,079  
that show support that we're coming we

825  
00:34:18,579 --> 00:34:23,440  
can come out to see them I think the

826  
00:34:20,079 --> 00:34:25,628  
better it is the excitement's building

827

00:34:23,440 --> 00:34:28,389  
here at the mezz bar the mezz bar in

828  
00:34:25,628 --> 00:34:29,829  
Sydney I'm with may not I may not oh hi

829  
00:34:28,389 --> 00:34:30,970  
look I'm really excited because I really

830  
00:34:29,829 --> 00:34:33,098  
want to have a chat to Michael Shermer

831  
00:34:30,969 --> 00:34:35,469  
about alien abductions because I believe

832  
00:34:33,099 --> 00:34:37,359  
that he deigns yes a baby because I

833  
00:34:35,469 --> 00:34:39,459  
think he probably became a skeptic

834  
00:34:37,358 --> 00:34:41,108  
because he's in denial about his own

835  
00:34:39,460 --> 00:34:43,269  
alien abduction which you can read about

836  
00:34:41,108 --> 00:34:45,789  
in his book you know I didn't even think

837  
00:34:43,269 --> 00:34:47,878  
the talk to him about you didn't know we

838  
00:34:45,789 --> 00:34:50,440  
chatted about the 911 and creepers and

839  
00:34:47,878 --> 00:34:53,378  
climate change but we didn't talk about

840  
00:34:50,440 --> 00:34:54,940  
aliens and as someone who's a major

841  
00:34:53,378 --> 00:34:57,519

skeptic I would like to know what he

842

00:34:54,940 --> 00:34:59,588

would concede to be a piece of evidence

843

00:34:57,519 --> 00:35:01,509

in favor of alien abduction or indeed

844

00:34:59,588 --> 00:35:03,219

UFOs especial I mean most people say

845

00:35:01,510 --> 00:35:04,810

they want a piece of the spaceship what

846

00:35:03,219 --> 00:35:07,239

would be enough for him as a major

847

00:35:04,809 --> 00:35:08,289

skeptic in the entire world or what be

848

00:35:07,239 --> 00:35:10,659

the evidence for him I mean what would

849

00:35:08,289 --> 00:35:14,269

it be for you Richard

850

00:35:10,659 --> 00:35:15,679

no I don't know I'm arrived in the

851

00:35:14,269 --> 00:35:17,929

spaceship I well that's a good question

852

00:35:15,679 --> 00:35:21,019

for me personally of the science is sort

853

00:35:17,929 --> 00:35:22,639

of two different questions because my

854

00:35:21,019 --> 00:35:24,860

level of evidence would be lower than

855

00:35:22,639 --> 00:35:27,469

the general scientific I mean I could be

856  
00:35:24,860 --> 00:35:29,599  
taken tomorrow on a UFO right and I'd be

857  
00:35:27,469 --> 00:35:32,239  
convinced yes that's it well got the

858  
00:35:29,599 --> 00:35:33,710  
answer it wouldn't mean jugglery society

859  
00:35:32,239 --> 00:35:35,389  
I couldn't prove it yeah I mean there's

860  
00:35:33,710 --> 00:35:37,039  
plenty of credible people that have seen

861  
00:35:35,389 --> 00:35:38,269  
something which I believe most skeptics

862  
00:35:37,039 --> 00:35:40,400  
would believe would be an argument from

863  
00:35:38,269 --> 00:35:42,769  
Authority let's ask the man right now

864  
00:35:40,400 --> 00:35:45,410  
Michael Shermer we have an interesting

865  
00:35:42,769 --> 00:35:46,789  
question for you is hosed by Maynard now

866  
00:35:45,409 --> 00:35:48,289  
I'm just want to get you as one of the

867  
00:35:46,789 --> 00:35:50,119  
major skeptics of the world what would

868  
00:35:48,289 --> 00:35:52,429  
you consider an acceptable piece of

869  
00:35:50,119 --> 00:35:54,349  
evidence in favor of alien abduction or

870  
00:35:52,429 --> 00:35:57,169  
indeed the UFO phenomenon itself a piece

871  
00:35:54,349 --> 00:36:00,500  
of the spacecraft at one particularly

872  
00:35:57,170 --> 00:36:03,159  
good eye witness that you believe no no

873  
00:36:00,500 --> 00:36:05,659  
eyewitness account it's going to do it

874  
00:36:03,159 --> 00:36:08,659  
you know in biology to name a new

875  
00:36:05,659 --> 00:36:13,250  
species you have to have a type specimen

876  
00:36:08,659 --> 00:36:14,509  
holotype they're called and and you have

877  
00:36:13,250 --> 00:36:19,309  
to have you know it's a physical

878  
00:36:14,510 --> 00:36:22,100  
specimen not a footprint not a grainy

879  
00:36:19,309 --> 00:36:24,110  
video or a blurry photograph you know

880  
00:36:22,099 --> 00:36:28,569  
not some hair that could be a dog hair

881  
00:36:24,110 --> 00:36:32,090  
bear here an actual body that can be

882  
00:36:28,570 --> 00:36:34,280  
dissected and like when the Platypus was

883  
00:36:32,090 --> 00:36:35,600  
first you know introduced to Europeans

884

00:36:34,280 --> 00:36:39,290  
they thought it was a fake Yeah right

885  
00:36:35,599 --> 00:36:41,239  
but once you have it you can dissect it

886  
00:36:39,289 --> 00:36:42,009  
and so on and you can tell whether it's

887  
00:36:41,239 --> 00:36:44,739  
real or not

888  
00:36:42,010 --> 00:36:47,950  
that's what we need for an alien or a

889  
00:36:44,739 --> 00:36:49,599  
Bigfoot up nearly enjoyed in your book

890  
00:36:47,949 --> 00:36:51,250  
where you had your own alien abduction

891  
00:36:49,599 --> 00:36:52,929  
experience how can you be sure that

892  
00:36:51,250 --> 00:36:56,050  
wasn't it actually an alien abduction

893  
00:36:52,929 --> 00:36:57,699  
experience because I had the the book

894  
00:36:56,050 --> 00:36:58,810  
this will do spoken word broken you

895  
00:36:57,699 --> 00:37:02,049  
sound a pretty convinced you'd been

896  
00:36:58,809 --> 00:37:05,529  
abducted there right well I woke up

897  
00:37:02,050 --> 00:37:09,610  
after my sleep breaking the aliens went

898  
00:37:05,530 --> 00:37:11,290

away that's how we now why are you

899

00:37:09,610 --> 00:37:12,789

pushing yourself that hard bike riding

900

00:37:11,289 --> 00:37:15,279

anyway I have to write it was a bike

901

00:37:12,789 --> 00:37:17,710

race and I hope you won a large cash

902

00:37:15,280 --> 00:37:21,700

prosody and then there's no money yeah

903

00:37:17,710 --> 00:37:23,409

sorry for the love of the sport only why

904

00:37:21,699 --> 00:37:25,029

not you've had your question answered

905

00:37:23,409 --> 00:37:27,099

after all these years that's why I'll

906

00:37:25,030 --> 00:37:30,210

get back to my chicken now think thanks

907

00:37:27,099 --> 00:37:30,210

Michael here like

908

00:37:30,760 --> 00:37:36,070

now I'm with our skeptic secretary

909

00:37:33,610 --> 00:37:38,140

Jessica singer hi Jessica hey Richard

910

00:37:36,070 --> 00:37:39,610

how are you I'm well look at this and

911

00:37:38,139 --> 00:37:42,190

big turnout tonight for Michael Shermer

912

00:37:39,610 --> 00:37:44,970

at the Mesmer here in Sydney and and

913  
00:37:42,190 --> 00:37:47,710  
still law coming up the stairs right now

914  
00:37:44,969 --> 00:37:50,169  
here's somebody else just signing in now

915  
00:37:47,710 --> 00:37:52,150  
and I'm also with Tim mendham the editor

916  
00:37:50,170 --> 00:37:54,579  
and executive officer of Australian

917  
00:37:52,150 --> 00:37:56,260  
skeptics I to him I Richard I see some

918  
00:37:54,579 --> 00:37:58,119  
really good to have these social events

919  
00:37:56,260 --> 00:38:00,070  
ninja that's fantastic actually the most

920  
00:37:58,119 --> 00:38:01,869  
weight a meeting people they're catching

921  
00:38:00,070 --> 00:38:03,519  
up with names with putting faces to

922  
00:38:01,869 --> 00:38:06,579  
names yeah it's excellent can take the

923  
00:38:03,519 --> 00:38:08,019  
number of faces and names here that I

924  
00:38:06,579 --> 00:38:09,400  
don't recognize there are new to me

925  
00:38:08,019 --> 00:38:10,420  
which is a good thing excellent thing

926  
00:38:09,400 --> 00:38:11,619  
actually they're quite a few people have

927  
00:38:10,420 --> 00:38:13,420  
come along for the first time to one of

928  
00:38:11,619 --> 00:38:16,089  
these so it's excellent yeah free

929  
00:38:13,420 --> 00:38:17,970  
pleased so I think the message would be

930  
00:38:16,090 --> 00:38:21,100  
four people out there considering

931  
00:38:17,969 --> 00:38:22,629  
organizing a social activity a pubs a

932  
00:38:21,099 --> 00:38:24,099  
great place to do it for skeptics it

933  
00:38:22,630 --> 00:38:25,420  
would seem I mean perhaps a perfect

934  
00:38:24,099 --> 00:38:26,799  
place especially yeah right now we've

935  
00:38:25,420 --> 00:38:28,300  
got this broom to ourselves actually

936  
00:38:26,800 --> 00:38:29,620  
yeah this makes a very intimate because

937  
00:38:28,300 --> 00:38:32,170  
we will have a decent crowd will fill

938  
00:38:29,619 --> 00:38:34,480  
this room and and our guest at the

939  
00:38:32,170 --> 00:38:36,510  
moment is circulating and chatting to

940  
00:38:34,480 --> 00:38:38,530  
people so it's quite intimate and

941

00:38:36,510 --> 00:38:40,600  
everybody's you know getting to have a

942  
00:38:38,530 --> 00:38:42,250  
have a chat with him and we just gaze

943  
00:38:40,599 --> 00:38:44,049  
over there there he is Michael Shona

944  
00:38:42,250 --> 00:38:45,340  
just at a table now chatting to some

945  
00:38:44,050 --> 00:38:47,410  
punters who have come along which is

946  
00:38:45,340 --> 00:38:49,990  
really great yeah it's fantastic it's

947  
00:38:47,409 --> 00:38:52,420  
it's much more intimate and I think

948  
00:38:49,989 --> 00:38:54,309  
friendlier and and nicer than you have

949  
00:38:52,420 --> 00:38:55,840  
another type of venue like a lecture

950  
00:38:54,309 --> 00:38:58,269  
theatre or something and you can have a

951  
00:38:55,840 --> 00:39:00,130  
beer and you can have it be a very

952  
00:38:58,269 --> 00:39:03,309  
important for me somewhere you can drink

953  
00:39:00,130 --> 00:39:05,260  
yes or as main artist doing I may not

954  
00:39:03,309 --> 00:39:07,840  
look at him holding into that chicken

955  
00:39:05,260 --> 00:39:10,630

over there oh and a she's very important

956

00:39:07,840 --> 00:39:13,059

you stop commenting on your hoeing into

957

00:39:10,630 --> 00:39:14,680

the chicken that is fantastic chicken in

958

00:39:13,059 --> 00:39:16,119

fact i'll recommend after good

959

00:39:14,679 --> 00:39:18,009

discussion with Marple schirmer about

960

00:39:16,119 --> 00:39:20,549

alien abduction that is a chicken in the

961

00:39:18,010 --> 00:39:20,550

cell of to it

962

00:39:20,670 --> 00:39:25,380

we let him go back to his chicken and

963

00:39:22,619 --> 00:39:28,500

this salad and shortly we'll we'll all

964

00:39:25,380 --> 00:39:29,220

enjoy Michaels talk very much it's

965

00:39:28,500 --> 00:39:30,630

actually the first time I've seen

966

00:39:29,219 --> 00:39:33,048

Michael Shermer so I'm really looking

967

00:39:30,630 --> 00:39:36,000

forward to it really oh there you go I

968

00:39:33,048 --> 00:39:39,059

remember seeing saw Michael when he was

969

00:39:36,000 --> 00:39:41,159

in Australia in 2008 yes and he spoke at

970  
00:39:39,059 --> 00:39:43,230  
the American car yes I remember that day

971  
00:39:41,159 --> 00:39:46,500  
though yeah a good day and of course he

972  
00:39:43,230 --> 00:39:49,199  
also spoke at tam this year tam 9 from

973  
00:39:46,500 --> 00:39:50,309  
outer space in Las Vegas he did I'll

974  
00:39:49,199 --> 00:39:53,219  
take your word for that because my

975  
00:39:50,309 --> 00:39:56,269  
memory is shot of terminal yeah I expect

976  
00:39:53,219 --> 00:39:56,269  
you're absolutely right yes

977  
00:39:58,150 --> 00:40:02,599  
look ladies and gentlemen I'm ki hobe

978  
00:40:00,829 --> 00:40:04,250  
this man in the lobby of his hotel he

979  
00:40:02,599 --> 00:40:06,289  
may not even pay his hotel bill after

980  
00:40:04,250 --> 00:40:07,880  
idea give him a hard time here but the

981  
00:40:06,289 --> 00:40:10,179  
word skeptic comes up and people think

982  
00:40:07,880 --> 00:40:12,588  
skeptic oh no crackpots with evidence

983  
00:40:10,179 --> 00:40:15,819  
Craig parts of evidence i like that me

984  
00:40:12,588 --> 00:40:19,009  
start using that well you know we're

985  
00:40:15,820 --> 00:40:21,320  
we're scientists were critical thinkers

986  
00:40:19,010 --> 00:40:23,660  
were people interested in the way the

987  
00:40:21,320 --> 00:40:25,730  
world really works we want to know the

988  
00:40:23,659 --> 00:40:27,759  
solved mysteries and the unsolved

989  
00:40:25,730 --> 00:40:30,349  
mysteries and solve them where we can

990  
00:40:27,760 --> 00:40:32,960  
anybody that's curious about any of this

991  
00:40:30,349 --> 00:40:34,970  
stuff would be a candidate for skeptic

992  
00:40:32,960 --> 00:40:37,280  
magazine or to join one of these kept

993  
00:40:34,969 --> 00:40:39,559  
achsa sia tease i think it's really

994  
00:40:37,280 --> 00:40:40,970  
just being well really technically what

995  
00:40:39,559 --> 00:40:42,739  
it means skepticism is thoughtful

996  
00:40:40,969 --> 00:40:45,439  
inquiry and that's what we do we just

997  
00:40:42,739 --> 00:40:48,108  
thoughtfully inquire into how the world

998

00:40:45,440 --> 00:40:49,338  
works and how did you get onto this

999  
00:40:48,108 --> 00:40:51,289  
track did you have some sort of

1000  
00:40:49,338 --> 00:40:53,358  
revelation or some experience or some

1001  
00:40:51,289 --> 00:40:55,309  
almost paranormal event which made you

1002  
00:40:53,358 --> 00:40:57,369  
thought hang on i need to rationalize

1003  
00:40:55,309 --> 00:40:59,299  
this as a Haycock message that's a much

1004  
00:40:57,369 --> 00:41:01,608  
personal experience so that we've all

1005  
00:40:59,300 --> 00:41:03,829  
had unusual i mean i've had deja vu

1006  
00:41:01,608 --> 00:41:07,449  
experiences and add about experiences

1007  
00:41:03,829 --> 00:41:09,440  
stuff like that but no i'm by training a

1008  
00:41:07,449 --> 00:41:11,539  
experimental psychologist cognitive

1009  
00:41:09,440 --> 00:41:16,039  
psychologists whatever and i'm

1010  
00:41:11,539 --> 00:41:18,858  
interested in how the mind works and how

1011  
00:41:16,039 --> 00:41:21,679  
it comes to believe weird things to me

1012  
00:41:18,858 --> 00:41:25,098

is another subset of these cognitive

1013

00:41:21,679 --> 00:41:27,049

studies like why do people believe

1014

00:41:25,099 --> 00:41:29,269

anything at all and so that sort of

1015

00:41:27,050 --> 00:41:31,730

takes you into the world of trying to

1016

00:41:29,269 --> 00:41:33,409

understand through science not just the

1017

00:41:31,730 --> 00:41:35,300

explanations for the weird things but

1018

00:41:33,409 --> 00:41:36,858

why people believe them even when

1019

00:41:35,300 --> 00:41:38,810

there's no evidence is there a

1020

00:41:36,858 --> 00:41:41,059

psychological experiment you always want

1021

00:41:38,809 --> 00:41:45,440

to run but can't because of an ex ithaca

1022

00:41:41,059 --> 00:41:47,449

committee I guess the 21 grams theory of

1023

00:41:45,440 --> 00:41:50,300

measuring people when they die would

1024

00:41:47,449 --> 00:41:52,519

probably not get approval by any ethics

1025

00:41:50,300 --> 00:41:55,250

committee going into the hospital and

1026

00:41:52,519 --> 00:41:57,500

carefully weighing them seconds before

1027  
00:41:55,250 --> 00:42:00,679  
and seconds after but that would be

1028  
00:41:57,500 --> 00:42:02,300  
interesting short of that you know what

1029  
00:42:00,679 --> 00:42:03,858  
we do is just try to trace that where

1030  
00:42:02,300 --> 00:42:06,140  
that story came from the first place and

1031  
00:42:03,858 --> 00:42:07,650  
that's usually what it you don't even

1032  
00:42:06,139 --> 00:42:09,239  
have to run the experiment usually

1033  
00:42:07,650 --> 00:42:11,250  
doubt that you know these things get

1034  
00:42:09,239 --> 00:42:14,009  
exaggerated look you've written that the

1035  
00:42:11,250 --> 00:42:15,480  
paranormal is a gateway drug to science

1036  
00:42:14,010 --> 00:42:17,340  
yeah and does that mean it works both

1037  
00:42:15,480 --> 00:42:19,110  
ways it can make people go off on

1038  
00:42:17,340 --> 00:42:20,850  
tangents or it can get people interested

1039  
00:42:19,110 --> 00:42:23,340  
in finding out the scientific method

1040  
00:42:20,849 --> 00:42:25,860  
behind anything well that's how i'm

1041  
00:42:23,340 --> 00:42:28,140  
using it is that people may not be

1042  
00:42:25,860 --> 00:42:32,309  
interested in the philosophy of science

1043  
00:42:28,139 --> 00:42:34,619  
or logic or critical thinking it sounds

1044  
00:42:32,309 --> 00:42:36,630  
boring and academic and kind of stuffy

1045  
00:42:34,619 --> 00:42:38,909  
but you might be interested in Bigfoot

1046  
00:42:36,630 --> 00:42:40,650  
Loch Ness monster aliens conspiracy

1047  
00:42:38,909 --> 00:42:42,359  
theories who really killed Kennedy did

1048  
00:42:40,650 --> 00:42:43,980  
we really go to the moon you know people

1049  
00:42:42,360 --> 00:42:46,019  
go yeah yeah I've heard about these

1050  
00:42:43,980 --> 00:42:47,880  
things what's the fire walking yeah do

1051  
00:42:46,019 --> 00:42:49,289  
they do that is it really mine over me

1052  
00:42:47,880 --> 00:42:52,380  
and before you know you're talking

1053  
00:42:49,289 --> 00:42:54,960  
physics chemistry biology of illusionary

1054  
00:42:52,380 --> 00:42:58,110  
theory cosmology and your methods of

1055

00:42:54,960 --> 00:42:59,519  
science and and and all that because

1056  
00:42:58,110 --> 00:43:01,680  
people are interested in these subjects

1057  
00:42:59,519 --> 00:43:04,320  
and have you found the Australian

1058  
00:43:01,679 --> 00:43:06,750  
conspiracy theory situation and a

1059  
00:43:04,320 --> 00:43:09,210  
situation he obviously we have climate

1060  
00:43:06,750 --> 00:43:10,199  
change and climate date going on here we

1061  
00:43:09,210 --> 00:43:13,170  
have you found the difference win here

1062  
00:43:10,199 --> 00:43:15,119  
in America I've been surprised that the

1063  
00:43:13,170 --> 00:43:17,579  
climate deniers are as big as they are

1064  
00:43:15,119 --> 00:43:19,380  
here we don't have any death threats to

1065  
00:43:17,579 --> 00:43:21,269  
sign climate scientists in America so I

1066  
00:43:19,380 --> 00:43:24,360  
thought we were the worst maybe you guys

1067  
00:43:21,269 --> 00:43:26,190  
have given to some competition to use

1068  
00:43:24,360 --> 00:43:27,960  
the word deny there is that because it's

1069  
00:43:26,190 --> 00:43:30,240

just such an obvious scientific fact you

1070

00:43:27,960 --> 00:43:32,099

use the word yeah well so you know are

1071

00:43:30,239 --> 00:43:33,959

the climate revisionists or you know

1072

00:43:32,099 --> 00:43:36,769

climate skeptics climate deniers is a

1073

00:43:33,960 --> 00:43:39,119

reasonable adjective i think because

1074

00:43:36,769 --> 00:43:41,219

there's so much evidence now that you

1075

00:43:39,119 --> 00:43:44,489

really just have to deny it i think and

1076

00:43:41,219 --> 00:43:46,589

so that seems an appropriate modifier

1077

00:43:44,489 --> 00:43:49,829

and and you don't seem to have that

1078

00:43:46,590 --> 00:43:53,820

level of intensity going on the US well

1079

00:43:49,829 --> 00:43:55,469

it's it's there it's intense maybe not

1080

00:43:53,820 --> 00:43:57,240

as intense as here we get no death

1081

00:43:55,469 --> 00:43:58,859

threats but you know with our political

1082

00:43:57,239 --> 00:44:00,899

a presidential actually coming up in

1083

00:43:58,860 --> 00:44:03,120

2012 the candidates are feeling the need

1084  
00:44:00,900 --> 00:44:05,610  
to speak out according to what they

1085  
00:44:03,119 --> 00:44:06,929  
think they're supposed to say again this

1086  
00:44:05,610 --> 00:44:07,920  
is part of the problem you know I don't

1087  
00:44:06,929 --> 00:44:09,210  
know if these guys they don't know

1088  
00:44:07,920 --> 00:44:10,740  
anything about climate science what do

1089  
00:44:09,210 --> 00:44:12,210  
they know the right but they're saying

1090  
00:44:10,739 --> 00:44:13,739  
what they think their constituents want

1091  
00:44:12,210 --> 00:44:15,240  
to hear well yeah um do you think

1092  
00:44:13,739 --> 00:44:16,529  
America is just too ripped apart by the

1093  
00:44:15,239 --> 00:44:17,939  
whole blue sky ridge site they

1094  
00:44:16,530 --> 00:44:19,519  
absolutely it's very black and my very

1095  
00:44:17,940 --> 00:44:21,840  
tribal

1096  
00:44:19,519 --> 00:44:25,920  
have you got a favorite candidate even

1097  
00:44:21,840 --> 00:44:28,140  
well i think obama will probably win if

1098  
00:44:25,920 --> 00:44:29,880  
the economy turns around even a little

1099  
00:44:28,139 --> 00:44:31,650  
bit just make some progress in the next

1100  
00:44:29,880 --> 00:44:33,809  
12 months if not i think you'll probably

1101  
00:44:31,650 --> 00:44:35,940  
lose doesn't matter who is on the other

1102  
00:44:33,809 --> 00:44:37,969  
side I feel about the real the the

1103  
00:44:35,940 --> 00:44:40,650  
outside of candidates like Trump oh I

1104  
00:44:37,969 --> 00:44:43,139  
actually like someone Ron Paul stuff of

1105  
00:44:40,650 --> 00:44:44,670  
course I'm a libertarian so I would he's

1106  
00:44:43,139 --> 00:44:46,139  
a little nutty in some other areas some

1107  
00:44:44,670 --> 00:44:48,000  
libertarians get a little conspiratorial

1108  
00:44:46,139 --> 00:44:51,779  
he made that comment one of the debates

1109  
00:44:48,000 --> 00:44:54,480  
a couple weeks ago about the immigration

1110  
00:44:51,780 --> 00:44:58,109  
wall built down there by Mexico is built

1111  
00:44:54,480 --> 00:45:00,840  
to keep Americans in as well as Mexicans

1112

00:44:58,108 --> 00:45:02,789  
I was like wait wait what and then oh

1113  
00:45:00,840 --> 00:45:04,380  
yeah that's that conspiracy about how

1114  
00:45:02,789 --> 00:45:06,420  
you know the government's building

1115  
00:45:04,380 --> 00:45:07,380  
highways with the black helicopters and

1116  
00:45:06,420 --> 00:45:09,750  
they're going to put us all in

1117  
00:45:07,380 --> 00:45:11,490  
concentration camps and you know suspend

1118  
00:45:09,750 --> 00:45:12,780  
all civil liberties you know this is

1119  
00:45:11,489 --> 00:45:15,149  
going to happen I've been hearing this

1120  
00:45:12,780 --> 00:45:16,859  
since I was a teenager and it hasn't

1121  
00:45:15,150 --> 00:45:20,130  
happened yet so do you spend a little

1122  
00:45:16,858 --> 00:45:22,259  
time yelling at the television I propo

1123  
00:45:20,130 --> 00:45:25,170  
bugs at it Oh phone books that no one

1124  
00:45:22,260 --> 00:45:26,849  
uses any more look and just that one

1125  
00:45:25,170 --> 00:45:28,710  
last question though with you in your

1126  
00:45:26,849 --> 00:45:30,960

book you talk about the the dualism of

1127

00:45:28,710 --> 00:45:33,210

the mind and how we think of the brain

1128

00:45:30,960 --> 00:45:34,500

and the mind could you just explain that

1129

00:45:33,210 --> 00:45:36,599

briefly it was that to something we have

1130

00:45:34,500 --> 00:45:38,219

to read in 500 pages no no actually it's

1131

00:45:36,599 --> 00:45:40,080

a very simple concept called dualism

1132

00:45:38,219 --> 00:45:41,489

that were natural-born duelists we tend

1133

00:45:40,079 --> 00:45:43,829

to almost everybody tends to think

1134

00:45:41,489 --> 00:45:45,919

there's two substances corporeal and in

1135

00:45:43,829 --> 00:45:48,420

corporeal body and soul brain in mind

1136

00:45:45,920 --> 00:45:51,990

there's something else out there behind

1137

00:45:48,420 --> 00:45:53,280

besides this the physical world and the

1138

00:45:51,989 --> 00:45:54,868

fact is there's no evidence for this

1139

00:45:53,280 --> 00:45:56,609

there really isn't but we think that

1140

00:45:54,869 --> 00:45:58,170

there is it is not a healthy thing and

1141  
00:45:56,608 --> 00:46:00,679  
then that's what's made us motor Michael

1142  
00:45:58,170 --> 00:46:04,170  
is great scientific discoveries well

1143  
00:46:00,679 --> 00:46:05,399  
like what I mean I don't know maybe we

1144  
00:46:04,170 --> 00:46:06,960  
SAT around the world to find out what

1145  
00:46:05,400 --> 00:46:08,490  
was there because wondering yeah I see

1146  
00:46:06,960 --> 00:46:09,929  
the search for some mystery yeah sure of

1147  
00:46:08,489 --> 00:46:11,729  
course it's I mean one of the great

1148  
00:46:09,929 --> 00:46:14,098  
unsolved mysteries is consciousness you

1149  
00:46:11,730 --> 00:46:16,530  
know how does this even happen or mine

1150  
00:46:14,099 --> 00:46:18,240  
well I do we can construct mind out of

1151  
00:46:16,530 --> 00:46:20,190  
just brain cells you know brain cells

1152  
00:46:18,239 --> 00:46:22,979  
are just it's just chemistry it's

1153  
00:46:20,190 --> 00:46:24,450  
electric meet with you know chemicals

1154  
00:46:22,980 --> 00:46:27,119  
and hormones swapping around in there

1155  
00:46:24,449 --> 00:46:27,289  
how does that gets translated into what

1156  
00:46:27,119 --> 00:46:29,090  
you

1157  
00:46:27,289 --> 00:46:31,009  
and I are doing right now thinking and

1158  
00:46:29,090 --> 00:46:33,170  
talking and being cognitive you know

1159  
00:46:31,010 --> 00:46:34,670  
cognitively aware i'm aware i'm aware

1160  
00:46:33,170 --> 00:46:36,769  
that you're aware i know that you know

1161  
00:46:34,670 --> 00:46:39,289  
that i know that you know and how is

1162  
00:46:36,769 --> 00:46:40,639  
that even possible we don't know this is

1163  
00:46:39,289 --> 00:46:42,529  
one of the great unsolved mysteries but

1164  
00:46:40,639 --> 00:46:44,839  
that doesn't mean it's paranormal it

1165  
00:46:42,530 --> 00:46:46,670  
just means we don't know and we what

1166  
00:46:44,840 --> 00:46:49,670  
you're saying it's okay to say we don't

1167  
00:46:46,670 --> 00:46:51,619  
know in science yes our brains are not

1168  
00:46:49,670 --> 00:46:53,300  
comfortable doing that but with training

1169

00:46:51,619 --> 00:46:56,299  
you can learn to do it I actually like

1170  
00:46:53,300 --> 00:46:58,100  
it I think it's kind of energizing to

1171  
00:46:56,300 --> 00:47:00,080  
thank god there's a lot of really cool

1172  
00:46:58,099 --> 00:47:03,319  
mysteries out there that I don't know

1173  
00:47:00,079 --> 00:47:05,449  
and let's go in search what's the quick

1174  
00:47:03,320 --> 00:47:08,420  
way to train your brain whoa like not

1175  
00:47:05,449 --> 00:47:10,099  
knowing I mean I'm is a quick shortcut

1176  
00:47:08,420 --> 00:47:12,320  
to that just say it just say you know

1177  
00:47:10,099 --> 00:47:15,739  
just say it's okay to say I don't know

1178  
00:47:12,320 --> 00:47:17,720  
go ahead sit I don't know I don't know

1179  
00:47:15,739 --> 00:47:19,879  
Michael but I do know I'm very tired

1180  
00:47:17,719 --> 00:47:22,539  
you're very tired it's time for bed

1181  
00:47:19,880 --> 00:47:22,539  
goodnight

1182  
00:47:32,719 --> 00:47:37,858  
hey bro oh hey / what's up check it out

1183  
00:47:35,849 --> 00:47:39,930

finally a Back to the Future invention

1184

00:47:37,858 --> 00:47:44,338

that is coming to existence i present to

1185

00:47:39,929 --> 00:47:46,469

you mahavir ball dude that's a BS band

1186

00:47:44,338 --> 00:47:49,440

skateboard deck from the ashy skateboard

1187

00:47:46,469 --> 00:47:51,509

yes a skateboard without wheel yeah

1188

00:47:49,440 --> 00:47:53,490

you're supposed to buy your own wheels

1189

00:47:51,510 --> 00:47:55,528

and bolt the law and look it has a

1190

00:47:53,489 --> 00:47:57,959

placebo been right here in the packaging

1191

00:47:55,528 --> 00:47:59,730

that must be what powers it what do you

1192

00:47:57,960 --> 00:48:02,309

own a pair that's right your very own

1193

00:47:59,730 --> 00:48:04,230

hoverboard and skeptic browser com has

1194

00:48:02,309 --> 00:48:06,210

one to give away do it a skeptic bros

1195

00:48:04,230 --> 00:48:08,219

calm and click on the comp tab for more

1196

00:48:06,210 --> 00:48:11,699

details that's a skateboard deck right

1197

00:48:08,219 --> 00:48:13,768

not a hoverboard it doesn't actually fly

1198  
00:48:11,699 --> 00:48:15,509  
you go get the car I'll get my Michael J

1199  
00:48:13,768 --> 00:48:17,879  
on hold on to the bumper and float down

1200  
00:48:15,510 --> 00:48:20,000  
the freeway sure why not that could be

1201  
00:48:17,880 --> 00:48:20,000  
fun

1202  
00:48:30,550 --> 00:48:35,000  
thank you for listening to the skeptic

1203  
00:48:33,079 --> 00:48:38,389  
zone now I've got very exciting news

1204  
00:48:35,000 --> 00:48:40,460  
always i'm heading for Manchester I'm

1205  
00:48:38,389 --> 00:48:45,739  
heading for Manchester in the UK to

1206  
00:48:40,460 --> 00:48:48,380  
attend QED in march next year cannot

1207  
00:48:45,739 --> 00:48:50,539  
wait for that more information as the

1208  
00:48:48,380 --> 00:48:52,730  
months go by are you can find out more

1209  
00:48:50,539 --> 00:48:55,820  
right now those people like he enough to

1210  
00:48:52,730 --> 00:48:59,030  
live in the UK Google QED Manchester or

1211  
00:48:55,820 --> 00:49:02,180  
QED Khan and away you go so I am

1212  
00:48:59,030 --> 00:49:05,780  
absolutely thrilled that i'll be

1213  
00:49:02,179 --> 00:49:07,489  
speaking at QED hopefully hopefully some

1214  
00:49:05,780 --> 00:49:10,460  
people will be listening I'm also

1215  
00:49:07,489 --> 00:49:12,739  
thrilled that i'll be speaking at the

1216  
00:49:10,460 --> 00:49:15,320  
convention in New Orleans for the

1217  
00:49:12,739 --> 00:49:18,619  
committee for skeptical inquiry so icon

1218  
00:49:15,320 --> 00:49:20,900  
in New Orleans and that's sir towards

1219  
00:49:18,619 --> 00:49:22,759  
the end of October that's going to be

1220  
00:49:20,900 --> 00:49:25,130  
fun in fact i'll spend a few days with

1221  
00:49:22,760 --> 00:49:29,120  
brian dunning after that and chase a few

1222  
00:49:25,130 --> 00:49:30,800  
ghosts or or something hmm anyway thank

1223  
00:49:29,119 --> 00:49:33,679  
you for listening to this michael

1224  
00:49:30,800 --> 00:49:41,030  
shermer special this is Richard Saunders

1225  
00:49:33,679 --> 00:49:44,419  
signing off from Sydney Australia you've

1226

00:49:41,030 --> 00:49:49,010  
been listening to the skeptic zone visit

1227  
00:49:44,420 --> 00:49:51,500  
our website at [www.skeptics on TV](http://www.skepticsontv.com) the

1228  
00:49:49,010 --> 00:49:54,130  
comments contacts and extra video

1229  
00:49:51,500 --> 00:49:54,130  
reports

1230  
00:49:57,179 --> 00:49:59,210  
Oh