

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  
00:00:23,089 --> 00:00:30,480  
hello and welcome to the skeptic zone

4  
00:00:25,829 --> 00:00:32,849  
episode number 160 160 there should be

5  
00:00:30,480 --> 00:00:35,960  
fireworks for that number I think or

6  
00:00:32,850 --> 00:00:41,460  
something or maybe you can have a quiet

7  
00:00:35,960 --> 00:00:44,308  
celebration yourselves 164 the 12th of

8  
00:00:41,460 --> 00:00:46,679  
November 2011 Richard Saunders here with

9  
00:00:44,308 --> 00:00:48,209  
you back in Sydney Australia back from

10  
00:00:46,679 --> 00:00:51,149  
my gallivanting in the United States

11  
00:00:48,210 --> 00:00:55,259  
back from Louisiana New Orleans back

12  
00:00:51,149 --> 00:00:57,058  
from death valley oh boy but I want to

13  
00:00:55,259 --> 00:01:00,589  
go back to Death Valley that was

14  
00:00:57,058 --> 00:01:04,768  
exciting and some people have asked me

15  
00:01:00,590 --> 00:01:07,320  
why I didn't do a recording a segment

16  
00:01:04,769 --> 00:01:10,710  
with Brian Dunning from the racetrack

17  
00:01:07,319 --> 00:01:12,569  
player where the famous moving rocks are

18  
00:01:10,709 --> 00:01:14,789  
even though we did shoot a quick video

19  
00:01:12,569 --> 00:01:17,908  
there which is available at skeptics own

20  
00:01:14,790 --> 00:01:21,090  
podcast on YouTube well the honest

21  
00:01:17,909 --> 00:01:23,880  
answer is we were both freezing cold so

22  
00:01:21,090 --> 00:01:25,710  
cold in fact we could hardly use our

23  
00:01:23,879 --> 00:01:28,739  
fingers to operate cameras and things

24  
00:01:25,709 --> 00:01:31,709  
and partly because the wind the cold

25  
00:01:28,739 --> 00:01:33,780  
wind was blowing so strongly that I

26  
00:01:31,709 --> 00:01:36,328  
think any recording would have been just

27  
00:01:33,780 --> 00:01:38,040  
blown out with the wind we stayed as

28  
00:01:36,328 --> 00:01:40,259  
long as we couldn't we looked at as many

29

00:01:38,040 --> 00:01:42,450  
of these famous moving rocks as we could

30  
00:01:40,259 --> 00:01:44,329  
but honestly by the time we got back to

31  
00:01:42,450 --> 00:01:48,118  
the Jeep we were starting to get very

32  
00:01:44,328 --> 00:01:50,399  
numb with the cold but a great adventure

33  
00:01:48,118 --> 00:01:52,828  
anyway but on this episode of the

34  
00:01:50,399 --> 00:01:56,489  
skeptical zone we hear from Carolina

35  
00:01:52,828 --> 00:01:59,008  
humanists from Spain from Spanish

36  
00:01:56,489 --> 00:02:01,199  
skeptical sort of organizations she was

37  
00:01:59,009 --> 00:02:04,468  
in Sydney recently while I was overseas

38  
00:02:01,200 --> 00:02:06,509  
oh well and she gave a speak to Sydney

39  
00:02:04,468 --> 00:02:09,598  
skeptics in the pub likely that was

40  
00:02:06,509 --> 00:02:12,330  
recorded and our friend and reporter

41  
00:02:09,598 --> 00:02:13,109  
Maynard was on the spot to interview

42  
00:02:12,330 --> 00:02:15,690  
Carol

43  
00:02:13,110 --> 00:02:18,240

after her talk that's coming up at the

44

00:02:15,689 --> 00:02:20,729

top of the show after then maynards back

45

00:02:18,240 --> 00:02:23,400

with his spooky action he's going to

46

00:02:20,729 --> 00:02:26,849

interview he has given the british

47

00:02:23,400 --> 00:02:29,430

reporter who's just made an interesting

48

00:02:26,849 --> 00:02:32,009

series called the witch doctor will see

49

00:02:29,430 --> 00:02:33,300

you now which is currently showing here

50

00:02:32,009 --> 00:02:36,689

in australia on the national geographic

51

00:02:33,300 --> 00:02:38,850

channel check your local listings for

52

00:02:36,689 --> 00:02:43,740

that show the witch doctor will see you

53

00:02:38,849 --> 00:02:46,139

now now yeah I I can see where Pierce is

54

00:02:43,740 --> 00:02:48,180

coming from with this witch doctor type

55

00:02:46,139 --> 00:02:50,359

program he's goes out and looks at the

56

00:02:48,180 --> 00:02:53,610

traditional medicine around the world

57

00:02:50,360 --> 00:02:56,370

some of these conclusions and don't

58  
00:02:53,610 --> 00:02:59,610  
quite agree with there you go have a

59  
00:02:56,370 --> 00:03:01,289  
listen see what you think and if you're

60  
00:02:59,610 --> 00:03:04,170  
in Australia check out his show on the

61  
00:03:01,289 --> 00:03:06,629  
national geographic channel and to wrap

62  
00:03:04,169 --> 00:03:09,359  
up the show we go back to New Orleans

63  
00:03:06,629 --> 00:03:11,489  
back to the psych on convention the

64  
00:03:09,360 --> 00:03:13,200  
committee for skeptical inquiry

65  
00:03:11,489 --> 00:03:15,629  
convention i was at a few weeks ago

66  
00:03:13,199 --> 00:03:18,959  
where I speak to an old friend of mine

67  
00:03:15,629 --> 00:03:21,449  
dr. Harriet hall dr. Harriet hall

68  
00:03:18,959 --> 00:03:25,189  
otherwise known as the skip doc she's a

69  
00:03:21,449 --> 00:03:27,959  
retired Air Force colonel in fact and

70  
00:03:25,189 --> 00:03:31,079  
very active in the skeptical community

71  
00:03:27,959 --> 00:03:33,780  
putting her scientific and medical

72  
00:03:31,080 --> 00:03:35,880  
knowledge to good use Harriet hall

73  
00:03:33,780 --> 00:03:37,949  
coming up at the end of the show but

74  
00:03:35,879 --> 00:03:40,889  
before we before we get into the show

75  
00:03:37,949 --> 00:03:42,839  
couple of quick reminders the Australian

76  
00:03:40,889 --> 00:03:45,649  
skeptics annual convention is on the

77  
00:03:42,840 --> 00:03:49,110  
19th of Van this month november in

78  
00:03:45,650 --> 00:03:50,879  
sydney well it's sold out good stuff

79  
00:03:49,110 --> 00:03:54,200  
it's all sold out but there are still

80  
00:03:50,879 --> 00:03:58,620  
tickets still tickets for the skeptics

81  
00:03:54,199 --> 00:04:01,229  
convention dinner that night the 19th

82  
00:03:58,620 --> 00:04:04,549  
november at darling harbour here in

83  
00:04:01,229 --> 00:04:11,069  
sydney with special guest Lawrence lung

84  
00:04:04,549 --> 00:04:12,269  
book now at ww skeptics kome you come

85  
00:04:11,069 --> 00:04:14,699  
along you don't have to come to the

86

00:04:12,269 --> 00:04:16,769  
convention in fact you can't anymore but

87  
00:04:14,699 --> 00:04:21,750  
come along and join us for the dinner

88  
00:04:16,769 --> 00:04:23,639  
should be good fun now this Monday the

89  
00:04:21,750 --> 00:04:25,860  
14th of November I'm going to be

90  
00:04:23,639 --> 00:04:26,669  
speaking in Canberra in the nation's

91  
00:04:25,860 --> 00:04:28,590  
capital

92  
00:04:26,670 --> 00:04:30,900  
I'll be a guest of the Canberra skeptics

93  
00:04:28,589 --> 00:04:32,909  
and i'll be talking about power balance

94  
00:04:30,899 --> 00:04:35,189  
and demonstrating tricks and all that

95  
00:04:32,910 --> 00:04:38,340  
sort of stuff it's a free talk it's

96  
00:04:35,189 --> 00:04:42,480  
Monday evening in Canberra and you can

97  
00:04:38,339 --> 00:04:47,759  
find out more details at wwc embrace

98  
00:04:42,480 --> 00:04:50,580  
skeptics org dot a you and I think

99  
00:04:47,759 --> 00:04:52,529  
that's kicking off around 6pm so if

100  
00:04:50,579 --> 00:04:56,879

you're in Canberra come along and say

101

00:04:52,529 --> 00:04:58,979

hello on the fifteenth of this month dr.

102

00:04:56,879 --> 00:05:02,430

Richie dr. Richie who's currently in

103

00:04:58,980 --> 00:05:04,050

Florida oh boy having fun I hope she's

104

00:05:02,430 --> 00:05:07,230

going to be speaking at the Australian

105

00:05:04,050 --> 00:05:09,480

Museum I her talk her very interesting

106

00:05:07,230 --> 00:05:12,660

talk about people diagnosing their own

107

00:05:09,480 --> 00:05:14,930

illnesses with dr. Google and if you

108

00:05:12,660 --> 00:05:17,610

head to the Australian Museum on Google

109

00:05:14,930 --> 00:05:20,660

are you'll find out more about that talk

110

00:05:17,610 --> 00:05:22,800

so that's the 15th here in Sydney a

111

00:05:20,660 --> 00:05:25,290

little bit later in the show there's

112

00:05:22,800 --> 00:05:27,780

some information about events happening

113

00:05:25,290 --> 00:05:29,100

in Melbourne but you know what I'm

114

00:05:27,779 --> 00:05:32,309

pretty keen to listen to this show too

115  
00:05:29,100 --> 00:05:36,439  
so I'm going to hit the button the play

116  
00:05:32,310 --> 00:05:41,459  
button run downstairs run downstairs

117  
00:05:36,439 --> 00:05:44,459  
open the fridge look around and maybe

118  
00:05:41,459 --> 00:05:46,919  
get some apple juice mmm that's a new

119  
00:05:44,459 --> 00:05:49,799  
one apple juice this week run back

120  
00:05:46,920 --> 00:05:52,790  
upstairs and we can all listen to the

121  
00:05:49,800 --> 00:05:52,790  
skeptic zone

122  
00:06:11,798 --> 00:06:17,649  
hi everyone thank you for this

123  
00:06:14,988 --> 00:06:20,748  
opportunity and first of all I've never

124  
00:06:17,649 --> 00:06:23,718  
done a speech in English oh thank you in

125  
00:06:20,749 --> 00:06:29,329  
advance for your patient this kind of

126  
00:06:23,718 --> 00:06:31,488  
scary how to say well we wanted me to

127  
00:06:29,329 --> 00:06:35,629  
talk about this skepticism that is going

128  
00:06:31,488 --> 00:06:38,628  
on in Spain and because it probably is a

129  
00:06:35,629 --> 00:06:41,509  
bit different from what it's in here in

130  
00:06:38,629 --> 00:06:43,189  
some cases are we all have the same kind

131  
00:06:41,509 --> 00:06:46,788  
of issues and we're all fighting the

132  
00:06:43,189 --> 00:06:48,879  
same kind of things so I had some notes

133  
00:06:46,788 --> 00:06:52,368  
but I forgot them at home so I'm gonna

134  
00:06:48,879 --> 00:06:56,599  
try my best I wanted to start with the

135  
00:06:52,369 --> 00:06:59,829  
but part of the skeptics thanks miss

136  
00:06:56,598 --> 00:07:03,498  
pain because there they sound very bad

137  
00:06:59,829 --> 00:07:05,509  
so true and then probably and with a

138  
00:07:03,499 --> 00:07:09,829  
good part so you don't think that we're

139  
00:07:05,509 --> 00:07:14,598  
all crazy people there well tho tho i

140  
00:07:09,829 --> 00:07:16,879  
guess the most maybe the yeah the bad

141  
00:07:14,598 --> 00:07:20,048  
parts there are basically the problems

142  
00:07:16,879 --> 00:07:24,619  
we have the Catholic Church involved in

143

00:07:20,048 --> 00:07:28,519  
politics and and all the things that we

144  
00:07:24,619 --> 00:07:34,489  
are still have from after suffering a

145  
00:07:28,519 --> 00:07:38,329  
very big Catholic oppression during the

146  
00:07:34,488 --> 00:07:42,518  
dictatorship and the other thing is of

147  
00:07:38,329 --> 00:07:48,079  
course problems with pseudoscience and

148  
00:07:42,519 --> 00:07:53,499  
hospitals and laws that don't protect us

149  
00:07:48,079 --> 00:07:56,929  
very well from things like magicians and

150  
00:07:53,499 --> 00:08:00,799  
every kind of scams that i'm sure you

151  
00:07:56,928 --> 00:08:02,418  
guys also have here like powerful raised

152  
00:08:00,798 --> 00:08:05,778  
bands and things like that I thing you

153  
00:08:02,418 --> 00:08:09,098  
do some you did something about that and

154  
00:08:05,778 --> 00:08:12,649  
and we're very proud of you from there

155  
00:08:09,098 --> 00:08:16,548  
so yeah part of the things that we're

156  
00:08:12,649 --> 00:08:19,069  
trying to fight most or me in my case is

157  
00:08:16,548 --> 00:08:20,829

the religious thing we I think we have a

158

00:08:19,069 --> 00:08:24,009  
problem with religion there in

159

00:08:20,829 --> 00:08:26,859  
being involved in it every political

160

00:08:24,009 --> 00:08:31,959  
thing they have they take all public

161

00:08:26,860 --> 00:08:34,570  
money and and they have a lot of public

162

00:08:31,959 --> 00:08:38,409  
schools and religion involved with

163

00:08:34,570 --> 00:08:42,040  
children and that kind of stuff they

164

00:08:38,409 --> 00:08:45,159  
don't pay taxes then all this stuff and

165

00:08:42,039 --> 00:08:48,939  
we if this this year in fact we had the

166

00:08:45,159 --> 00:08:52,559  
Pell visiting us which was so yeah it

167

00:08:48,940 --> 00:08:55,060  
was a great event with the though I

168

00:08:52,559 --> 00:08:57,689  
don't know who you call them here I

169

00:08:55,059 --> 00:09:07,419  
think you you have here also those the

170

00:08:57,690 --> 00:09:09,430  
Jews yes yeah exactly yeah so yeah that

171

00:09:07,419 --> 00:09:12,339  
was there was one of the biggest things

172  
00:09:09,429 --> 00:09:15,159  
this year because a lot of money a lot

173  
00:09:12,340 --> 00:09:17,980  
of public money went for that and then

174  
00:09:15,159 --> 00:09:21,429  
we're now in a very very big crisis

175  
00:09:17,980 --> 00:09:24,930  
right now so and almost in the same

176  
00:09:21,429 --> 00:09:28,449  
month that the Pope took like 5 million

177  
00:09:24,929 --> 00:09:31,120  
euros for the visit the same amount of

178  
00:09:28,450 --> 00:09:34,090  
money was taken away from education just

179  
00:09:31,120 --> 00:09:37,870  
in Madrid just the same on same amount

180  
00:09:34,090 --> 00:09:41,440  
of money so welcome back to the old ages

181  
00:09:37,870 --> 00:09:45,690  
where education has no money goes to the

182  
00:09:41,440 --> 00:09:50,980  
church so we had a big protest there

183  
00:09:45,690 --> 00:09:55,350  
about that and and some of the stuff

184  
00:09:50,980 --> 00:09:58,990  
like in Madrid the president of the

185  
00:09:55,350 --> 00:10:02,050  
community of madrid oh lady that we

186  
00:09:58,990 --> 00:10:04,029  
really don't like very much open and

187  
00:10:02,049 --> 00:10:07,120  
homeopathy I'm help me a bath big

188  
00:10:04,029 --> 00:10:10,919  
Hospital and it is

189  
00:10:07,120 --> 00:10:15,399  
yeah it was sounds crazy we had our

190  
00:10:10,919 --> 00:10:17,979  
homeopathic suicide there at the door

191  
00:10:15,399 --> 00:10:21,970  
and I in the hospital yeah that's that

192  
00:10:17,980 --> 00:10:24,100  
was a very good thing we we did the wall

193  
00:10:21,970 --> 00:10:28,600  
will go with the good things after this

194  
00:10:24,100 --> 00:10:31,600  
and we also have a minister of the ill

195  
00:10:28,600 --> 00:10:36,070  
health minister it's a lady of a young

196  
00:10:31,600 --> 00:10:40,149  
lady that we're so Rhea's band powerful

197  
00:10:36,070 --> 00:10:43,740  
r is bound and she was out and public

198  
00:10:40,149 --> 00:10:46,659  
things talking about our laws and our

199  
00:10:43,740 --> 00:10:49,750  
social security were in the power

200

00:10:46,659 --> 00:10:54,459  
balance wristband it was embarrassing

201  
00:10:49,750 --> 00:10:57,399  
and and she's had it publicly that oh it

202  
00:10:54,460 --> 00:10:59,710  
was a gift for someone and she wanted to

203  
00:10:57,399 --> 00:11:03,429  
wear it but we don't think it's

204  
00:10:59,710 --> 00:11:08,170  
acceptable that minister in social

205  
00:11:03,429 --> 00:11:11,370  
health care where's magic race bands or

206  
00:11:08,169 --> 00:11:14,708  
anything like that so yeah it's pretty

207  
00:11:11,370 --> 00:11:18,370  
there's a lot of work to do but the good

208  
00:11:14,708 --> 00:11:21,609  
part is the skeptic things is are

209  
00:11:18,370 --> 00:11:25,450  
growing very fast there there we have

210  
00:11:21,610 --> 00:11:29,070  
two big skeptics associations and a

211  
00:11:25,450 --> 00:11:32,230  
member of both and we're really

212  
00:11:29,070 --> 00:11:35,020  
organizing a lot of things and we have a

213  
00:11:32,230 --> 00:11:38,830  
very good communication with the

214  
00:11:35,019 --> 00:11:42,009

scientific part of the society we're

215

00:11:38,830 --> 00:11:44,740

really a big group all together doing a

216

00:11:42,009 --> 00:11:47,379

lot of things together there's this

217

00:11:44,740 --> 00:11:51,370

particular blog there started like two

218

00:11:47,379 --> 00:11:53,169

years ago called amazings is and it

219

00:11:51,370 --> 00:11:56,200

started just like a small blog in less

220

00:11:53,169 --> 00:11:58,809

than a year we have thousands of members

221

00:11:56,200 --> 00:12:03,670

and now we have a magazine out and we're

222

00:11:58,809 --> 00:12:05,739

starting to make conferences and we saw

223

00:12:03,669 --> 00:12:09,819

all the tickets were sold out like in a

224

00:12:05,740 --> 00:12:11,860

week and so yeah it's it's getting

225

00:12:09,820 --> 00:12:15,010

better we have faith and it's getting

226

00:12:11,860 --> 00:12:18,159

better and about the religious thing we

227

00:12:15,009 --> 00:12:20,019

we did a very important thing well it

228

00:12:18,159 --> 00:12:23,549

was more the funny thing we have

229  
00:12:20,019 --> 00:12:29,049  
a couple problems with it but we build

230  
00:12:23,549 --> 00:12:33,028  
within them the atheist group that we

231  
00:12:29,049 --> 00:12:36,488  
have then in Spain we build a big teapot

232  
00:12:33,028 --> 00:12:38,708  
Russell's people like a big thing and we

233  
00:12:36,489 --> 00:12:41,980  
just went our industry like they do with

234  
00:12:38,708 --> 00:12:43,298  
their sayings and virgins and this we

235  
00:12:41,980 --> 00:12:45,519  
thought if we were going to be like 30

236  
00:12:43,298 --> 00:12:51,369  
people just carrying that big crazy

237  
00:12:45,519 --> 00:12:53,860  
thing just trying to show that we think

238  
00:12:51,369 --> 00:12:58,209  
that that's absurd and we end up being

239  
00:12:53,860 --> 00:13:01,149  
more than 5,000 so that was big there

240  
00:12:58,208 --> 00:13:07,359  
were in the news crazy people carrying a

241  
00:13:01,149 --> 00:13:10,298  
big magical tea pot in the street so

242  
00:13:07,360 --> 00:13:13,419  
yeah I think oh the still have a lot of

243  
00:13:10,298 --> 00:13:17,139  
a lot of things to do but we're getting

244  
00:13:13,419 --> 00:13:20,769  
there I think we get in there and it's

245  
00:13:17,139 --> 00:13:24,428  
growing basically it's growing I don't

246  
00:13:20,769 --> 00:13:26,889  
know if it's similar here in any way or

247  
00:13:24,428 --> 00:13:29,078  
you have difference I'm sure you have

248  
00:13:26,889 --> 00:13:31,389  
difference you don't have magic race

249  
00:13:29,078 --> 00:13:35,979  
balance anymore that's that's good for

250  
00:13:31,389 --> 00:13:44,619  
you oh but they they admitted that they

251  
00:13:35,980 --> 00:13:48,999  
were like yeah hold that yeah how the

252  
00:13:44,619 --> 00:13:50,889  
homo ground the magical hologram so yeah

253  
00:13:48,999 --> 00:13:54,278  
I and I just wanted to share with all of

254  
00:13:50,889 --> 00:13:56,139  
you how things go around Europe in

255  
00:13:54,278 --> 00:13:58,419  
general because we a lot of countries in

256  
00:13:56,139 --> 00:14:01,419  
Europe have this same problems with the

257

00:13:58,419 --> 00:14:05,318  
Catholic Church and all this stuff there

258  
00:14:01,419 --> 00:14:08,349  
are any questions or the question was of

259  
00:14:05,318 --> 00:14:10,149  
the opinion of the public opinion of the

260  
00:14:08,350 --> 00:14:13,360  
catholic church is changing and I think

261  
00:14:10,149 --> 00:14:16,539  
yes it's changing definitely there's a

262  
00:14:13,360 --> 00:14:18,970  
lot of people just although the scandals

263  
00:14:16,539 --> 00:14:21,879  
that they have and the crisis the

264  
00:14:18,970 --> 00:14:23,918  
economic crisis is making some people

265  
00:14:21,879 --> 00:14:25,860  
open their eyes a little bit more when

266  
00:14:23,918 --> 00:14:28,919  
you see the Pope going with

267  
00:14:25,860 --> 00:14:30,810  
of big cars and dressed in gold and

268  
00:14:28,919 --> 00:14:35,069  
through we're all losing our jobs

269  
00:14:30,809 --> 00:14:38,039  
there's it doesn't make sense and they

270  
00:14:35,070 --> 00:14:40,800  
keep saying that seventy percent of

271  
00:14:38,039 --> 00:14:42,480

Spain are Catholics which is not true at

272

00:14:40,799 --> 00:14:46,259  
all seventy percent of Spain are

273

00:14:42,480 --> 00:14:48,509  
baptized which doesn't like I am it

274

00:14:46,259 --> 00:14:52,409  
doesn't mean that we're a cath later in

275

00:14:48,509 --> 00:14:55,019  
fact oh we think there's around forty

276

00:14:52,409 --> 00:14:59,338  
percent of the population or atheist

277

00:14:55,019 --> 00:15:00,959  
because it's like only fifteen twenty

278

00:14:59,339 --> 00:15:02,640  
percent of the population that really go

279

00:15:00,958 --> 00:15:05,309  
to church every Sunday the rest of the

280

00:15:02,639 --> 00:15:08,699  
Catholics just go for weddings and

281

00:15:05,309 --> 00:15:10,799  
things like that and yeah if you go to a

282

00:15:08,700 --> 00:15:14,940  
church in a Sunday morning you only see

283

00:15:10,799 --> 00:15:19,189  
a couple old ladies release if I think

284

00:15:14,940 --> 00:15:22,019  
he's going down so yeah hopefully yeah

285

00:15:19,190 --> 00:15:24,180  
we're going we get in there the bad

286  
00:15:22,019 --> 00:15:26,639  
thing also is the Royal in the pulp

287  
00:15:24,179 --> 00:15:30,049  
thing the pope visit there was a lot of

288  
00:15:26,639 --> 00:15:32,458  
kids a lot of students a lot of children

289  
00:15:30,049 --> 00:15:38,879  
that was sad there was a lot of children

290  
00:15:32,458 --> 00:15:42,469  
used last well helping and wearing

291  
00:15:38,879 --> 00:15:44,970  
t-shirts and singing help songs and then

292  
00:15:42,470 --> 00:15:47,790  
getting drunk at night that was a big

293  
00:15:44,970 --> 00:15:53,149  
thing to in Madrid so it was so make

294  
00:15:47,789 --> 00:15:53,149  
sure of weird things so well

295  
00:15:54,769 --> 00:15:59,818  
yeah we have we're having elections and

296  
00:15:57,240 --> 00:16:05,610  
gentlemen which has to me if we expect a

297  
00:15:59,818 --> 00:16:08,068  
change well no really in fact we expect

298  
00:16:05,610 --> 00:16:10,528  
a change in a bad way because his though

299  
00:16:08,068 --> 00:16:15,240  
yeah that's no Spanish friend of mine

300  
00:16:10,528 --> 00:16:17,188  
they're saying yes because the political

301  
00:16:15,240 --> 00:16:19,680  
party that is going to win the elections

302  
00:16:17,188 --> 00:16:29,129  
and we know that because of the crisis

303  
00:16:19,679 --> 00:16:31,979  
is could you say the right party the so

304  
00:16:29,129 --> 00:16:34,500  
they love their church and they give

305  
00:16:31,980 --> 00:16:37,980  
monitor church and they want us all to

306  
00:16:34,500 --> 00:16:39,568  
be Catholic and there's not it's not

307  
00:16:37,980 --> 00:16:43,350  
going to be the change that we really

308  
00:16:39,568 --> 00:16:45,838  
need and it's for the crisis I guess

309  
00:16:43,350 --> 00:16:48,839  
because the government that we now have

310  
00:16:45,839 --> 00:16:53,399  
which is left-handed it's not doing

311  
00:16:48,839 --> 00:16:56,009  
things very well so probably the other

312  
00:16:53,399 --> 00:16:58,589  
would because we have only like two big

313  
00:16:56,009 --> 00:17:00,209  
party so the the conservative party is

314

00:16:58,589 --> 00:17:04,980  
going to win the elections which is not

315  
00:17:00,208 --> 00:17:07,470  
helping very much so we have to wait

316  
00:17:04,980 --> 00:17:10,110  
probably a little bit more to keep

317  
00:17:07,470 --> 00:17:12,808  
fighting no not really you mean like

318  
00:17:10,109 --> 00:17:14,578  
United States for example that is not a

319  
00:17:12,808 --> 00:17:16,798  
good idea to go out and say that you're

320  
00:17:14,578 --> 00:17:19,500  
an atheist now there's not really a

321  
00:17:16,798 --> 00:17:24,509  
problem I haven't had any problems Oh

322  
00:17:19,500 --> 00:17:28,140  
some old people maybe look at you like

323  
00:17:24,509 --> 00:17:32,519  
well my mom my mother is nae theists and

324  
00:17:28,140 --> 00:17:34,140  
she had this mmm one day she said oh

325  
00:17:32,519 --> 00:17:37,259  
you're going to church with us with a

326  
00:17:34,140 --> 00:17:39,390  
her workmates and she was nominally an

327  
00:17:37,259 --> 00:17:43,769  
atheist and then lady said how can your

328  
00:17:39,390 --> 00:17:45,330

being a thizz you're a good person but

329

00:17:43,769 --> 00:17:47,690

other than that no we'd really don't

330

00:17:45,329 --> 00:17:50,549

have problems at all people really don't

331

00:17:47,690 --> 00:17:51,870

don't believe that match we don't have

332

00:17:50,549 --> 00:17:53,639

problems like the united states that

333

00:17:51,869 --> 00:17:56,059

people believe in the bible and things

334

00:17:53,640 --> 00:17:59,120

that we don't have problems like with

335

00:17:56,059 --> 00:18:04,409

creation is and things like that so i

336

00:17:59,119 --> 00:18:06,899

haven't had any problems hopefully other

337

00:18:04,410 --> 00:18:10,620

other religious denominations how strong

338

00:18:06,900 --> 00:18:15,570

we are they represented Catholic Church

339

00:18:10,619 --> 00:18:17,759

real we see a scale we have religious

340

00:18:15,569 --> 00:18:21,240

denominations like other than careful is

341

00:18:17,759 --> 00:18:22,920

it not really really are cathal is well

342

00:18:21,240 --> 00:18:25,740

we're stun will we have a lot of

343  
00:18:22,920 --> 00:18:27,840  
immigration now we're but all the

344  
00:18:25,740 --> 00:18:31,950  
immigrants that come from South America

345  
00:18:27,839 --> 00:18:34,409  
most of them we have Muslims coming from

346  
00:18:31,950 --> 00:18:39,930  
Africa too but there's still a minority

347  
00:18:34,410 --> 00:18:44,130  
and yeah probably just ten percent of

348  
00:18:39,930 --> 00:18:46,110  
the believers in Spain are Muslims and

349  
00:18:44,130 --> 00:18:48,720  
the rest is Catholicism we don't really

350  
00:18:46,109 --> 00:18:52,159  
have anything else there they have it

351  
00:18:48,720 --> 00:18:55,009  
all sure European a trip

352  
00:18:52,160 --> 00:18:58,790  
sangiema promoter has finally agreed to

353  
00:18:55,009 --> 00:19:00,980  
a very decent easily that's a nation

354  
00:18:58,789 --> 00:19:02,119  
which is backwards catholic country and

355  
00:19:00,980 --> 00:19:05,450  
the whole of the mediterranean was

356  
00:19:02,119 --> 00:19:08,619  
finally actually legalized divorce which

357  
00:19:05,450 --> 00:19:14,960  
country you say Walter oh really yeah

358  
00:19:08,619 --> 00:19:18,829  
now Wow was about time the last six

359  
00:19:14,960 --> 00:19:23,059  
months oh wow this divorce is divorced

360  
00:19:18,829 --> 00:19:25,639  
allowed in Spain yeah it is in fact we

361  
00:19:23,059 --> 00:19:28,579  
have gay marriage and we have abortion

362  
00:19:25,640 --> 00:19:30,320  
law so we were doing fine until these

363  
00:19:28,579 --> 00:19:31,460  
elections will see what happens after

364  
00:19:30,319 --> 00:19:35,480  
this because some of the politicians

365  
00:19:31,460 --> 00:19:37,730  
that were on the campaign now they're

366  
00:19:35,480 --> 00:19:42,700  
saying then they may change borscht in

367  
00:19:37,730 --> 00:19:44,930  
laws and gay marriage we hope they don't

368  
00:19:42,700 --> 00:19:46,779  
probably they won't because they say

369  
00:19:44,930 --> 00:19:50,180  
things to win the elections and they

370  
00:19:46,779 --> 00:19:52,430  
they don't do things that they say they

371

00:19:50,180 --> 00:19:55,070  
gonna do but you're they're threatened

372  
00:19:52,430 --> 00:19:58,240  
to change some of the things that we

373  
00:19:55,069 --> 00:19:58,240  
don't want to be changed

374  
00:19:59,480 --> 00:20:06,980  
do you think your politicians and asking

375  
00:20:02,539 --> 00:20:10,720  
lowest price computer science well our

376  
00:20:06,980 --> 00:20:13,640  
politicians where r is bands and open

377  
00:20:10,720 --> 00:20:16,089  
homeopathy hospitals and and there are

378  
00:20:13,640 --> 00:20:19,040  
public hospitals forget about that yeah

379  
00:20:16,089 --> 00:20:23,779  
offering pseudoscience and like in

380  
00:20:19,039 --> 00:20:25,549  
cancer like we have Reiki you know in a

381  
00:20:23,779 --> 00:20:28,450  
hospital in a public hospital it wasn't

382  
00:20:25,549 --> 00:20:31,609  
with a big thing offering to the ballot

383  
00:20:28,450 --> 00:20:36,019  
is it it's really not a big things just

384  
00:20:31,609 --> 00:20:37,639  
small crucial things but so from time to

385  
00:20:36,019 --> 00:20:42,079

time you hear things like that and

386

00:20:37,640 --> 00:20:44,930

that's where all we yeah reiki in a

387

00:20:42,079 --> 00:20:47,089

hospital come on so is that publicly

388

00:20:44,930 --> 00:20:50,090

funded the am having hospital and the

389

00:20:47,089 --> 00:20:53,929

right in yes oh my god that's the thing

390

00:20:50,089 --> 00:20:59,929

it's there are public hospitals oh my

391

00:20:53,930 --> 00:21:03,259

god yeah yeah I used to go sign okay not

392

00:20:59,930 --> 00:21:09,700

the truth they are you think as well 20

393

00:21:03,259 --> 00:21:09,700

see it again I know we say what are they

394

00:21:11,950 --> 00:21:16,490

yeah well that's one of the suicides

395

00:21:14,750 --> 00:21:19,420

Reiki is the other one that's in

396

00:21:16,490 --> 00:21:19,420

hospitals too

397

00:21:20,528 --> 00:21:25,190

well i have a friend i went to the

398

00:21:23,179 --> 00:21:27,559

doctor a few months ago and the doctor

399

00:21:25,190 --> 00:21:31,190

gave him a little stamp of the virgin

400  
00:21:27,558 --> 00:21:38,859  
and recommend her to pray and and it was

401  
00:21:31,190 --> 00:21:38,860  
a public doctor what was wrong with them

402  
00:21:42,190 --> 00:21:46,639  
probably something that had in that

403  
00:21:44,388 --> 00:21:52,219  
solution or something like that I don't

404  
00:21:46,638 --> 00:21:58,819  
know no matter what you know if I may if

405  
00:21:52,220 --> 00:22:03,048  
I may ask you quick support provides

406  
00:21:58,819 --> 00:22:12,829  
replaced is there a treatment spanish

407  
00:22:03,048 --> 00:22:15,829  
translation step afisma is that why you

408  
00:22:12,829 --> 00:22:17,628  
asking me though for the term some

409  
00:22:15,829 --> 00:22:19,788  
languages some phones have a word that's

410  
00:22:17,628 --> 00:22:22,939  
not directly translated in english there

411  
00:22:19,788 --> 00:22:25,250  
no in this case where a step Takacs and

412  
00:22:22,940 --> 00:22:27,889  
we're all and no we're a lot of estefy

413  
00:22:25,250 --> 00:22:32,589  
fish more so pretty similar very similar

414  
00:22:27,888 --> 00:22:34,788  
um once you to ask you about the you I

415  
00:22:32,589 --> 00:22:37,038  
you're in organizations that are

416  
00:22:34,788 --> 00:22:39,980  
dedicated to atheism and also to

417  
00:22:37,038 --> 00:22:41,240  
skepticism and there is no at least in

418  
00:22:39,980 --> 00:22:44,269  
Australia there is a bit of a debate

419  
00:22:41,240 --> 00:22:45,558  
about whether all atheists should be

420  
00:22:44,269 --> 00:22:47,359  
skeptics and all skeptics to the

421  
00:22:45,558 --> 00:22:48,678  
atheists and all those things and what

422  
00:22:47,359 --> 00:22:50,750  
you know they overlap between the

423  
00:22:48,679 --> 00:22:53,059  
organization's how does that play out in

424  
00:22:50,750 --> 00:22:57,398  
Spain what we don't like to make things

425  
00:22:53,058 --> 00:23:02,869  
like where I'm part of a villa's

426  
00:22:57,398 --> 00:23:05,058  
organizations and skeptics too but more

427  
00:23:02,869 --> 00:23:08,808  
than half of the people are member of

428

00:23:05,058 --> 00:23:10,519  
both it's our requirement you don't need

429  
00:23:08,808 --> 00:23:13,878  
to you can be an atheist and also

430  
00:23:10,519 --> 00:23:16,480  
believe in I know atheist to believe in

431  
00:23:13,878 --> 00:23:18,769  
food science of some sort or go to

432  
00:23:16,480 --> 00:23:21,798  
fortune tellers and things like that and

433  
00:23:18,769 --> 00:23:23,870  
they're not many of them but yeah we

434  
00:23:21,798 --> 00:23:26,210  
tried to separate things in the end

435  
00:23:23,869 --> 00:23:28,609  
we're a big family where we can you can

436  
00:23:26,210 --> 00:23:31,220  
see the same faces everywhere but

437  
00:23:28,609 --> 00:23:34,119  
but yeah but it's not a requirement we

438  
00:23:31,220 --> 00:23:36,679  
tried to separate things because yeah

439  
00:23:34,119 --> 00:23:39,369  
it's not the same thing exactly you're

440  
00:23:36,679 --> 00:23:42,170  
not well I don't know if I know a really

441  
00:23:39,369 --> 00:23:45,829  
skeptical person that is a believer I

442  
00:23:42,170 --> 00:23:50,390

don't know no I don't think so there may

443

00:23:45,829 --> 00:23:51,949

be somebody I don't really know well

444

00:23:50,390 --> 00:23:56,420

there are believers that are they're not

445

00:23:51,950 --> 00:23:59,179

all active skeptics but they're skeptic

446

00:23:56,420 --> 00:24:01,039

and every issue in there every part of

447

00:23:59,179 --> 00:24:04,009

their everyday live except their

448

00:24:01,039 --> 00:24:06,048

religion there's we all know this kind

449

00:24:04,009 --> 00:24:10,190

of people they're not very active

450

00:24:06,048 --> 00:24:12,200

skeptics but yeah they act as skeptics

451

00:24:10,190 --> 00:24:14,720

in many ways except for their religion

452

00:24:12,200 --> 00:24:17,179

that's the only way to sometimes survive

453

00:24:14,720 --> 00:24:23,120

in this world and keep being a theist

454

00:24:17,179 --> 00:24:24,919

yeah I guess any more questions I guess

455

00:24:23,119 --> 00:24:29,959

please join me Thank You Carlene Oberto

456

00:24:24,919 --> 00:24:32,150

thank you well we were very lucky

457  
00:24:29,960 --> 00:24:33,890  
tonight to have a member of the spanish

458  
00:24:32,150 --> 00:24:35,809  
skeptical community with this now tell

459  
00:24:33,890 --> 00:24:38,509  
us who you are and exactly what group

460  
00:24:35,808 --> 00:24:41,589  
you're from well I'm Catalina a minute

461  
00:24:38,509 --> 00:24:45,298  
and I'm the president of the Spanish

462  
00:24:41,589 --> 00:24:49,589  
atheist Association and I'm also

463  
00:24:45,298 --> 00:24:52,950  
member of skeptical founder of misfit

464  
00:24:49,589 --> 00:24:55,168  
pika and well there there's so many

465  
00:24:52,950 --> 00:24:57,840  
things i guess that those two are

466  
00:24:55,169 --> 00:25:01,080  
probably the most important ones what

467  
00:24:57,839 --> 00:25:03,269  
made you get into taking on such a large

468  
00:25:01,079 --> 00:25:05,308  
group as the Roman Catholic Church in

469  
00:25:03,269 --> 00:25:06,628  
Spain as being an atheist what was the

470  
00:25:05,308 --> 00:25:09,599  
moment where you said that's it I've got

471  
00:25:06,628 --> 00:25:11,849  
to get up and be an activist well I've

472  
00:25:09,599 --> 00:25:15,418  
never been our real believer I guess

473  
00:25:11,849 --> 00:25:18,748  
because have grown up in a family of

474  
00:25:15,419 --> 00:25:21,629  
scientist and I really was not a very

475  
00:25:18,749 --> 00:25:25,079  
into religion but when you see some

476  
00:25:21,628 --> 00:25:27,298  
things that the church does a lot of

477  
00:25:25,079 --> 00:25:31,168  
things that are not fair taking public

478  
00:25:27,298 --> 00:25:34,739  
money and I went to to akka pollock

479  
00:25:31,169 --> 00:25:36,899  
school and i heard things that I didn't

480  
00:25:34,739 --> 00:25:40,019  
like from my teachers and things that

481  
00:25:36,898 --> 00:25:43,288  
made no sense to me that science that I

482  
00:25:40,019 --> 00:25:46,679  
lost sight and so yeah when you see

483  
00:25:43,288 --> 00:25:49,200  
things that really don't make sense and

484  
00:25:46,679 --> 00:25:51,389  
you see things that are not very fair

485

00:25:49,200 --> 00:25:53,639  
for all the people you I just decided

486  
00:25:51,388 --> 00:25:55,618  
that I needed to do something about it

487  
00:25:53,638 --> 00:25:58,059  
and what is your field of science that

488  
00:25:55,618 --> 00:26:01,299  
excites you the most

489  
00:25:58,059 --> 00:26:05,109  
astronomy I guess and biology probably

490  
00:26:01,299 --> 00:26:07,359  
there are two fields i really love wow

491  
00:26:05,109 --> 00:26:09,579  
I'm what's your favorite heavenly body

492  
00:26:07,359 --> 00:26:10,779  
I'm a real fan of Pluto because it's so

493  
00:26:09,579 --> 00:26:12,549  
hard to see there's no really good

494  
00:26:10,779 --> 00:26:13,750  
photos of it and I still think it should

495  
00:26:12,549 --> 00:26:16,299  
be a planet what's your favorite thing

496  
00:26:13,750 --> 00:26:18,369  
to look at in the sky Jupiter and you

497  
00:26:16,299 --> 00:26:20,829  
can see Judy hard to miss exactly and

498  
00:26:18,369 --> 00:26:26,409  
then these days here and see me you can

499  
00:26:20,829 --> 00:26:27,789

see like Jupiter every day in this how

500

00:26:26,410 --> 00:26:28,900

do you feel about the Pluto debate do

501

00:26:27,789 --> 00:26:31,750

you think it should be let back in the

502

00:26:28,900 --> 00:26:33,610

planet club I miss him somehow cuz yeah

503

00:26:31,750 --> 00:26:37,539

there were nine and he was a little God

504

00:26:33,609 --> 00:26:39,549

it was far away so no we mean is you're

505

00:26:37,539 --> 00:26:42,009

right yeah yeah I was a poor little guy

506

00:26:39,549 --> 00:26:43,389

and in Spain like one of the latest

507

00:26:42,009 --> 00:26:46,059

stories i remember from madrid they

508

00:26:43,390 --> 00:26:47,710

opened a tickle spa in madrid a spire

509

00:26:46,059 --> 00:26:48,909

where you get tickled but they don't

510

00:26:47,710 --> 00:26:50,650

promise to heal or anything it's just a

511

00:26:48,910 --> 00:26:52,269

spy we get tickled instead of massaged

512

00:26:50,650 --> 00:26:55,390

if you heard of that one in madrid I

513

00:26:52,269 --> 00:26:58,420

really don't really know what yeah well

514  
00:26:55,390 --> 00:27:01,570  
I know that laughing can cure some

515  
00:26:58,420 --> 00:27:02,800  
things in some way so it's a lot more

516  
00:27:01,569 --> 00:27:04,299  
harmless than some of the other things

517  
00:27:02,799 --> 00:27:06,490  
you spoke about in your talk tonight

518  
00:27:04,299 --> 00:27:09,129  
particularly how deeply homeopathy is

519  
00:27:06,490 --> 00:27:11,170  
within the Spanish culture yes it is the

520  
00:27:09,130 --> 00:27:13,690  
the problem is when people don't go to

521  
00:27:11,170 --> 00:27:16,660  
real doctors to get real medicines and

522  
00:27:13,690 --> 00:27:20,769  
they decide to go tickling or on the

523  
00:27:16,660 --> 00:27:22,290  
opposite else those things they say to

524  
00:27:20,769 --> 00:27:24,789  
defend them that they're harmless

525  
00:27:22,289 --> 00:27:26,740  
because they don't have side effects but

526  
00:27:24,789 --> 00:27:29,379  
that's not true they're not harmless

527  
00:27:26,740 --> 00:27:31,720  
because people don't go to get real

528  
00:27:29,380 --> 00:27:34,090  
medicines when people decide to have

529  
00:27:31,720 --> 00:27:35,799  
pseudo science instead of real science

530  
00:27:34,089 --> 00:27:38,788  
they're risking their lives we have

531  
00:27:35,799 --> 00:27:41,319  
cases of people there

532  
00:27:38,788 --> 00:27:43,408  
died because they didn't get the right

533  
00:27:41,319 --> 00:27:45,730  
treatment because they decided to go to

534  
00:27:43,409 --> 00:27:47,350  
pseudoscience and pseudo medicine

535  
00:27:45,730 --> 00:27:50,919  
instead of real medicine so they're not

536  
00:27:47,349 --> 00:27:52,628  
harmless they can kill people across the

537  
00:27:50,919 --> 00:27:54,038  
world there's all sorts of traditional

538  
00:27:52,628 --> 00:27:56,498  
medicines is there a particularly

539  
00:27:54,038 --> 00:27:58,868  
Spanish indigenous traditional medicine

540  
00:27:56,499 --> 00:28:00,999  
or culture no not really like Chinese

541  
00:27:58,868 --> 00:28:04,720  
you me or something like that no I'm not

542

00:28:00,999 --> 00:28:06,429  
really no there's nothing very hopefully

543  
00:28:04,720 --> 00:28:08,528  
we don't have something like that to

544  
00:28:06,429 --> 00:28:09,999  
fight against yeah well you seem you

545  
00:28:08,528 --> 00:28:12,429  
have Reiki over there which is one of

546  
00:28:09,999 --> 00:28:14,200  
the stranger ones yes very strange in

547  
00:28:12,429 --> 00:28:17,080  
fact I've you know what he was until I

548  
00:28:14,200 --> 00:28:18,940  
heard that news at all apparently you

549  
00:28:17,079 --> 00:28:21,368  
can do Reiki from a distance to like

550  
00:28:18,940 --> 00:28:24,159  
remote viewing I'm not an expert i'll

551  
00:28:21,368 --> 00:28:26,528  
try to find out for you you probably you

552  
00:28:24,159 --> 00:28:29,200  
can do in a distance or in time early

553  
00:28:26,528 --> 00:28:31,179  
with reliably now the Spanish have a

554  
00:28:29,200 --> 00:28:33,038  
reputation for being a feisty fiery

555  
00:28:31,179 --> 00:28:34,600  
people have you ever got yourself into

556  
00:28:33,038 --> 00:28:37,269

trouble with true believers and never

557

00:28:34,599 --> 00:28:38,819

felt threatened by the book the Roman

558

00:28:37,269 --> 00:28:42,099

Catholic Church followers for example

559

00:28:38,819 --> 00:28:44,079

not really because believers in Spain

560

00:28:42,099 --> 00:28:47,699

are not really deep believers there are

561

00:28:44,079 --> 00:28:50,378

more believers of family values and

562

00:28:47,700 --> 00:28:52,710

things that they like doing every year

563

00:28:50,378 --> 00:28:55,058

or they go only go to church for

564

00:28:52,710 --> 00:28:56,769

weddings and stuff like that so they

565

00:28:55,058 --> 00:28:59,980

don't really believe the Bible things

566

00:28:56,769 --> 00:29:01,899

like that they teach science in public

567

00:28:59,980 --> 00:29:05,440

schools and they only say that the Bible

568

00:29:01,898 --> 00:29:07,058

is stories good stories I guess but no

569

00:29:05,440 --> 00:29:08,950

we don't really have that kind of

570

00:29:07,058 --> 00:29:12,368

problem like United States for example I

571  
00:29:08,950 --> 00:29:13,749  
also the level of fundamentalism is not

572  
00:29:12,368 --> 00:29:16,658  
as high as it would be in the States yes

573  
00:29:13,749 --> 00:29:18,579  
yes no no it's not we have problems with

574  
00:29:16,659 --> 00:29:20,290  
people that don't really think about

575  
00:29:18,579 --> 00:29:22,029  
what they believe

576  
00:29:20,289 --> 00:29:24,309  
the problem with those things that they

577  
00:29:22,029 --> 00:29:26,139  
think too much about what people are you

578  
00:29:24,309 --> 00:29:28,960  
there and no in Spain is more likely

579  
00:29:26,140 --> 00:29:31,750  
tradition more more than our strong

580  
00:29:28,960 --> 00:29:33,130  
belief in something very fanatically so

581  
00:29:31,750 --> 00:29:34,779  
being at the forefront of critical

582  
00:29:33,130 --> 00:29:36,880  
thinking in Spain what do you think is

583  
00:29:34,779 --> 00:29:41,980  
the major challenge to your organization

584  
00:29:36,880 --> 00:29:44,080  
they're probably trying to suit suit

585  
00:29:41,980 --> 00:29:47,529  
science and religion not to get involved

586  
00:29:44,079 --> 00:29:49,299  
in laws and politics as always say I

587  
00:29:47,529 --> 00:29:50,740  
don't have any problem of people

588  
00:29:49,299 --> 00:29:53,440  
believing whatever they want to believe

589  
00:29:50,740 --> 00:29:55,000  
or doing whatever they wanted to do or I

590  
00:29:53,440 --> 00:29:56,380  
don't have any problem about that if

591  
00:29:55,000 --> 00:29:58,000  
they have the right to believe whatever

592  
00:29:56,380 --> 00:30:00,400  
they want to believe but they don't have

593  
00:29:58,000 --> 00:30:04,329  
the right to make laws about it then

594  
00:30:00,400 --> 00:30:07,570  
have the right to change or affect lives

595  
00:30:04,329 --> 00:30:10,210  
of others so we what we really need to

596  
00:30:07,569 --> 00:30:13,809  
do is to have politics and laws the

597  
00:30:10,210 --> 00:30:15,340  
based in reason and to ensure make sure

598  
00:30:13,809 --> 00:30:17,769  
that everyone has the right to believe

599

00:30:15,339 --> 00:30:19,509  
whatever they want to believe and how do

600  
00:30:17,769 --> 00:30:21,369  
you compare the skipper scizzum a theist

601  
00:30:19,509 --> 00:30:22,210  
movement in Spain to here in Australia

602  
00:30:21,369 --> 00:30:25,449  
do you think there's some similarities

603  
00:30:22,210 --> 00:30:27,789  
or some very big differences I haven't

604  
00:30:25,450 --> 00:30:29,230  
been here long enough to really tell but

605  
00:30:27,789 --> 00:30:32,529  
for one have you had any good arguments

606  
00:30:29,230 --> 00:30:35,370  
yet but what I've seen is pretty similar

607  
00:30:32,529 --> 00:30:38,139  
the difference is really common the

608  
00:30:35,369 --> 00:30:40,779  
believers and things like that but um I

609  
00:30:38,140 --> 00:30:42,580  
found now that skeptics are more or less

610  
00:30:40,779 --> 00:30:47,190  
the same all around the world which is a

611  
00:30:42,579 --> 00:30:47,189  
very good thing yeah very good thing

612  
00:30:50,960 --> 00:30:55,889  
have you heard about QED the exciting

613  
00:30:54,269 --> 00:30:59,220

skeptical conference 10th and 11th of

614

00:30:55,888 --> 00:31:00,748

March 2012 quite exciting days you're

615

00:30:59,220 --> 00:31:03,450

probably wondering why should i go to

616

00:31:00,749 --> 00:31:05,339

QED while the existential dilemma will

617

00:31:03,450 --> 00:31:07,350

have the investigator and legend Joe

618

00:31:05,339 --> 00:31:09,749

Nickell quite extraordinary detective

619

00:31:07,349 --> 00:31:12,089

alternative medicine expert adsorb Ernst

620

00:31:09,749 --> 00:31:14,159

quacks in Deward difficulties monsters

621

00:31:12,089 --> 00:31:17,099

werewolves and lucid dreaming from debra

622

00:31:14,159 --> 00:31:19,590

hi working theory demons Massimo

623

00:31:17,099 --> 00:31:22,168

polidoro head of the Italian skeptic

624

00:31:19,589 --> 00:31:23,970

questo agrees your data tape it a ran a

625

00:31:22,169 --> 00:31:26,850

bitch and conspiracy theories whitey

626

00:31:23,970 --> 00:31:29,129

beatable secular campaign Miriam namazi

627

00:31:26,849 --> 00:31:30,988

well equality detractors sara angeles

628  
00:31:29,128 --> 00:31:33,988  
will shows how to play the Federman with

629  
00:31:30,989 --> 00:31:35,519  
robots withering electronic devices you

630  
00:31:33,989 --> 00:31:37,679  
followed 60 and ridpath with

631  
00:31:35,519 --> 00:31:39,929  
extraterrestrial details professor steve

632  
00:31:37,679 --> 00:31:41,730  
jones and why creationism is not quiet

633  
00:31:39,929 --> 00:31:43,739  
and evolution deniers podcaster and

634  
00:31:41,730 --> 00:31:46,048  
spoon bender Richard Saunders questions

635  
00:31:43,739 --> 00:31:48,239  
ESP demonstrations for a filia Benson

636  
00:31:46,048 --> 00:31:50,128  
Queen existentialist debater and we'll

637  
00:31:48,239 --> 00:31:52,409  
have comedy from Robin Ince and guests

638  
00:31:50,128 --> 00:31:54,209  
quality into tim and definitely tickets

639  
00:31:52,409 --> 00:31:56,879  
her 89 pounds in there going fast so

640  
00:31:54,210 --> 00:31:59,970  
hurry queue everybody directly would you

641  
00:31:56,878 --> 00:32:03,988  
cut that out you can get your ticket

642  
00:31:59,970 --> 00:32:06,089  
from QED calm dot org court event dome

643  
00:32:03,989 --> 00:32:07,440  
in marsh seriously if you don't stop

644  
00:32:06,089 --> 00:32:10,079  
bang enough to hurt quickly end

645  
00:32:07,440 --> 00:32:13,009  
discussion comes QED not just question

646  
00:32:10,079 --> 00:32:13,009  
explore discover

647  
00:32:20,240 --> 00:32:26,130  
is a message from Victorian skeptics the

648  
00:32:24,029 --> 00:32:28,289  
Victorian skeptics are holding a panel

649  
00:32:26,130 --> 00:32:31,230  
discussion this wednesday the 16th of

650  
00:32:28,289 --> 00:32:34,529  
november at lanata restaurant Carlton in

651  
00:32:31,230 --> 00:32:37,500  
Melbourne the panelists are Loretta

652  
00:32:34,529 --> 00:32:40,369  
Marin of course the jelly bean lady dr.

653  
00:32:37,500 --> 00:32:43,799  
ken harvey dr. Steven basa and

654  
00:32:40,369 --> 00:32:48,359  
doctormick the panel discussion is

655  
00:32:43,799 --> 00:32:50,569  
titled giving the tiger some teeth the

656

00:32:48,359 --> 00:32:53,849  
shameful state of alternative medicine

657  
00:32:50,569 --> 00:32:55,649  
regulation in Australia the panel has

658  
00:32:53,849 --> 00:32:57,839  
been prompted by recent events in

659  
00:32:55,650 --> 00:32:59,430  
alternative medicine such as Blackmore's

660  
00:32:57,839 --> 00:33:02,909  
deal with the pharmacy guild and the

661  
00:32:59,430 --> 00:33:05,640  
shonky award for census limb the TGA

662  
00:33:02,910 --> 00:33:07,920  
continue to take no action against scams

663  
00:33:05,640 --> 00:33:10,530  
and placebo medicine although they keep

664  
00:33:07,920 --> 00:33:12,960  
hinting that change is in the wind the

665  
00:33:10,529 --> 00:33:14,670  
panel is a once-only event mainly

666  
00:33:12,960 --> 00:33:16,350  
because Loretta Marin will be in

667  
00:33:14,670 --> 00:33:18,180  
Melbourne for a short time only for

668  
00:33:16,349 --> 00:33:20,339  
those coming along there will be an

669  
00:33:18,180 --> 00:33:22,620  
opportunity to ask questions and engage

670  
00:33:20,339 --> 00:33:25,049

in discussion with the distinguished

671

00:33:22,619 --> 00:33:26,369

panelists whilst nomming oh that's a

672

00:33:25,049 --> 00:33:29,309

good restaurant I've been there many

673

00:33:26,369 --> 00:33:33,119

times of the Victorian our skeptics moon

674

00:33:29,309 --> 00:33:35,369

good stuff at home yes nomming on an

675

00:33:33,119 --> 00:33:37,889

excellent learn altar meal the date

676

00:33:35,369 --> 00:33:40,319

again is wednesday the 16th of november

677

00:33:37,890 --> 00:33:43,020

please see the Vic skeptics website for

678

00:33:40,319 --> 00:33:47,189

details that's HTTP colon slash slash

679

00:33:43,019 --> 00:33:50,180

Vic skeptics wordpress com there are

680

00:33:47,190 --> 00:33:50,180

still some places available

681

00:33:54,680 --> 00:34:02,289

here's my not spooky action at the

682

00:33:59,880 --> 00:34:04,610

distance

683

00:34:02,289 --> 00:34:05,990

there's a gentleman sent is sitting in

684

00:34:04,609 --> 00:34:09,589

England whereabouts are you in England

685  
00:34:05,990 --> 00:34:12,199  
peers given I'm in London in Hackney now

686  
00:34:09,590 --> 00:34:15,200  
what hang on that's where Simon Lebon

687  
00:34:12,199 --> 00:34:18,139  
lives does he either live around here

688  
00:34:15,199 --> 00:34:20,210  
well I so what well so why would you

689  
00:34:18,139 --> 00:34:21,949  
leave an area where savin lebon may live

690  
00:34:20,210 --> 00:34:24,320  
to go and risk your life trying

691  
00:34:21,949 --> 00:34:26,960  
different sorts of folk medicines from

692  
00:34:24,320 --> 00:34:28,730  
around the world well because I've first

693  
00:34:26,960 --> 00:34:30,320  
studied these things for a while now I

694  
00:34:28,730 --> 00:34:33,800  
did a human sciences degree at Oxford

695  
00:34:30,320 --> 00:34:36,080  
University and I'm fascinated by how the

696  
00:34:33,800 --> 00:34:38,390  
different peoples around the world deal

697  
00:34:36,079 --> 00:34:40,039  
with health care now I've grown up in

698  
00:34:38,389 --> 00:34:42,349  
England with the National Health Service

699

00:34:40,039 --> 00:34:44,659  
like your Medicare and I love it it's

700

00:34:42,349 --> 00:34:46,849  
great and I like white coat medicine as

701

00:34:44,659 --> 00:34:48,649  
I call it it's fantastic science is

702

00:34:46,849 --> 00:34:50,989  
great I wouldn't wouldn't lose it for

703

00:34:48,650 --> 00:34:53,119  
the world but I just wonder whether

704

00:34:50,989 --> 00:34:55,429  
there's other answers in other places

705

00:34:53,119 --> 00:34:57,289  
that we could listen to and get some

706

00:34:55,429 --> 00:34:59,329  
benefit from you have done a lot of

707

00:34:57,289 --> 00:35:00,880  
study into this area and give a bit of a

708

00:34:59,329 --> 00:35:02,869  
specialist and that's what tweaked your

709

00:35:00,880 --> 00:35:04,280  
reason to run around the world and put

710

00:35:02,869 --> 00:35:06,739  
your own life potentially at risk with

711

00:35:04,280 --> 00:35:09,680  
some of these things yeah um there was a

712

00:35:06,739 --> 00:35:11,209  
little bit of life risking um the whole

713

00:35:09,679 --> 00:35:13,369  
thing is that the series is called the

714  
00:35:11,210 --> 00:35:15,380  
witch doctor will see you now and that's

715  
00:35:13,369 --> 00:35:17,480  
kind of a cheeky title but it really is

716  
00:35:15,380 --> 00:35:19,070  
about the witch doctors and the strange

717  
00:35:17,480 --> 00:35:22,250  
remedies around the world but it's also

718  
00:35:19,070 --> 00:35:23,930  
about some very well researched things

719  
00:35:22,250 --> 00:35:26,150  
like traditional Chinese medicine and

720  
00:35:23,929 --> 00:35:28,819  
acupuncture we go all the way around the

721  
00:35:26,150 --> 00:35:30,470  
world we try everything now that will

722  
00:35:28,820 --> 00:35:32,960  
see the skeptics would immediately say

723  
00:35:30,469 --> 00:35:34,669  
that acupuncture itself is under fire

724  
00:35:32,960 --> 00:35:36,650  
but there's no real scientific evidence

725  
00:35:34,670 --> 00:35:38,869  
that it actually works well actually

726  
00:35:36,650 --> 00:35:42,200  
that is one of the things that has been

727  
00:35:38,869 --> 00:35:44,299

proven by scientists in white coats they

728

00:35:42,199 --> 00:35:47,239

have a very limited thing that they will

729

00:35:44,300 --> 00:35:49,070

accept acupuncture is useful for but I

730

00:35:47,239 --> 00:35:52,369

believe things like come something like

731

00:35:49,070 --> 00:35:54,320

dental pain and arthritic knees have

732

00:35:52,369 --> 00:35:56,869

actually been tested with double brine

733

00:35:54,320 --> 00:35:59,480

double-blind trials in the lab as it

734

00:35:56,869 --> 00:36:01,670

were and proven to have some relief

735

00:35:59,480 --> 00:36:04,369

whereas most of the other remedies we

736

00:36:01,670 --> 00:36:07,099

were trying like freshly squeezed snakes

737

00:36:04,369 --> 00:36:09,289

blood and being buried it buried in a

738

00:36:07,099 --> 00:36:11,150

shallow grave in Cameroon well nobody's

739

00:36:09,289 --> 00:36:12,739

tested those for a very good reason and

740

00:36:11,150 --> 00:36:14,750

and that they're the ones i would assume

741

00:36:12,739 --> 00:36:15,769

would be the life risking one's being

742  
00:36:14,750 --> 00:36:17,929  
buried for a little bit

743  
00:36:15,769 --> 00:36:20,420  
and also potential diseases you may pick

744  
00:36:17,929 --> 00:36:21,710  
up from the medicine itself yes there

745  
00:36:20,420 --> 00:36:24,019  
was always the worry there was also

746  
00:36:21,710 --> 00:36:27,619  
quite a lot of bloodletting involved I

747  
00:36:24,019 --> 00:36:29,329  
had myself cut and poked and prodded and

748  
00:36:27,619 --> 00:36:31,670  
there's always that concern when you're

749  
00:36:29,329 --> 00:36:34,069  
being cut and poked and prodded in the

750  
00:36:31,670 --> 00:36:36,530  
middle of a jungle that you could end up

751  
00:36:34,070 --> 00:36:39,500  
with them infection so yes that was a

752  
00:36:36,530 --> 00:36:41,090  
bit of a risk why did you get interested

753  
00:36:39,500 --> 00:36:42,619  
in these remedies originally to want to

754  
00:36:41,090 --> 00:36:44,180  
study them was that something in your

755  
00:36:42,619 --> 00:36:45,799  
family did you read a book do to see a

756  
00:36:44,179 --> 00:36:48,829  
really great witch doctor movie when you

757  
00:36:45,800 --> 00:36:50,570  
were young um well the thing actually is

758  
00:36:48,829 --> 00:36:53,779  
a very very strange story but basically

759  
00:36:50,570 --> 00:36:56,630  
i ended up specializing at university in

760  
00:36:53,780 --> 00:36:59,030  
the hallucinogens used by shamans and

761  
00:36:56,630 --> 00:37:00,710  
witch doctors in south america not as

762  
00:36:59,030 --> 00:37:03,590  
though this wasn't because of any sort

763  
00:37:00,710 --> 00:37:06,260  
of rave scene in the 90s wallet in at

764  
00:37:03,590 --> 00:37:08,329  
all this was pure academic interest

765  
00:37:06,260 --> 00:37:09,740  
officer I'm just just checking on that

766  
00:37:08,329 --> 00:37:11,299  
one there cuz so cuz I know a lot of

767  
00:37:09,739 --> 00:37:12,859  
people interested in shamanism there was

768  
00:37:11,300 --> 00:37:14,630  
even that great band with the same name

769  
00:37:12,860 --> 00:37:17,000  
there in the you can slightly just I

770

00:37:14,630 --> 00:37:19,940  
mean it's it's all part of you know

771  
00:37:17,000 --> 00:37:22,519  
cultural shift in the west where we are

772  
00:37:19,940 --> 00:37:24,170  
perhaps a little less arrogant than we

773  
00:37:22,519 --> 00:37:26,059  
were before and we are perhaps a little

774  
00:37:24,170 --> 00:37:28,340  
bit more willing to think that other

775  
00:37:26,059 --> 00:37:30,529  
cultures may have some answers and I

776  
00:37:28,340 --> 00:37:32,780  
think they really do and did you

777  
00:37:30,530 --> 00:37:34,550  
experience any hallucinogenic experience

778  
00:37:32,780 --> 00:37:36,080  
that made you break through a wall or a

779  
00:37:34,550 --> 00:37:38,480  
membrane or go into an area that

780  
00:37:36,079 --> 00:37:40,610  
actually made you some sort of healthier

781  
00:37:38,480 --> 00:37:44,240  
person well this is the interesting

782  
00:37:40,610 --> 00:37:45,910  
thing in Peru in the third episode of

783  
00:37:44,239 --> 00:37:48,559  
the witch doctor will see you now I

784  
00:37:45,909 --> 00:37:50,799

experienced drinking a drink called

785

00:37:48,559 --> 00:37:53,719

ayahuasca which is a hallucinogen and

786

00:37:50,800 --> 00:37:55,970

the the shamans then medicine men who

787

00:37:53,719 --> 00:37:57,859

gave it to me explained that what they

788

00:37:55,969 --> 00:38:00,109

use it for is instead of giving the

789

00:37:57,860 --> 00:38:01,940

medicine just to the patient they give

790

00:38:00,110 --> 00:38:04,880

it to the patient and they take it

791

00:38:01,940 --> 00:38:08,030

themselves and under the influence of it

792

00:38:04,880 --> 00:38:10,519

they say that they can see healthiness

793

00:38:08,030 --> 00:38:13,820

and unhealthiness in the patient's body

794

00:38:10,519 --> 00:38:15,889

now I can't be sure that that works but

795

00:38:13,820 --> 00:38:18,230

this is a story told to me with great

796

00:38:15,889 --> 00:38:20,629

seriousness again and again and in Peru

797

00:38:18,230 --> 00:38:23,690

this is a national treasure this drink

798

00:38:20,630 --> 00:38:26,660

so just imagine if this could have some

799  
00:38:23,690 --> 00:38:28,329  
validity this is liquid MRI scans and a

800  
00:38:26,659 --> 00:38:30,369  
heck of a lot cheaper

801  
00:38:28,329 --> 00:38:32,529  
and also something that we don't always

802  
00:38:30,369 --> 00:38:36,069  
do in the West is if we do take some LSD

803  
00:38:32,530 --> 00:38:37,540  
type compound we may do it alone or I

804  
00:38:36,070 --> 00:38:39,070  
knew if we certainly have a shared

805  
00:38:37,539 --> 00:38:41,009  
experience they are having a shared

806  
00:38:39,070 --> 00:38:44,050  
experience here so if anything does go

807  
00:38:41,010 --> 00:38:45,730  
unusual you're feeling not so well there

808  
00:38:44,050 --> 00:38:47,620  
is someone sharing it with you would

809  
00:38:45,730 --> 00:38:50,530  
that be part of the experience a very

810  
00:38:47,619 --> 00:38:54,339  
good point the medicine men in Peru the

811  
00:38:50,530 --> 00:38:56,890  
iOS Karos they have a system of sacred

812  
00:38:54,340 --> 00:38:59,710  
songs they call them EK rose and these

813  
00:38:56,889 --> 00:39:03,039  
sacred songs have been honed over let's

814  
00:38:59,710 --> 00:39:05,260  
say about a thousand years to show you

815  
00:39:03,039 --> 00:39:07,840  
what you need to see so it's like a sec

816  
00:39:05,260 --> 00:39:10,570  
a roadmap ahead now none of this is

817  
00:39:07,840 --> 00:39:12,370  
proven by Western scientific standards

818  
00:39:10,570 --> 00:39:14,289  
but I still think it's really

819  
00:39:12,369 --> 00:39:15,789  
interesting and really worth examining

820  
00:39:14,289 --> 00:39:18,279  
and and that's the whole point of the

821  
00:39:15,789 --> 00:39:20,139  
witch doctor will see you now and for

822  
00:39:18,280 --> 00:39:21,640  
this like it was this that people go

823  
00:39:20,139 --> 00:39:24,250  
look peers I'm not quite sure you should

824  
00:39:21,639 --> 00:39:26,889  
go and do this series well National

825  
00:39:24,250 --> 00:39:28,900  
Geographic are a very serious company

826  
00:39:26,889 --> 00:39:31,809  
and they wanted to know that this was

827

00:39:28,900 --> 00:39:35,050  
going to be worthwhile and also safe

828  
00:39:31,809 --> 00:39:36,969  
enough they were prepared to take some

829  
00:39:35,050 --> 00:39:39,700  
risks in the interests of science and

830  
00:39:36,969 --> 00:39:43,059  
research but they wanted us to come home

831  
00:39:39,699 --> 00:39:45,579  
alive and and we did and what does the

832  
00:39:43,059 --> 00:39:49,210  
how do you look how does getting buried

833  
00:39:45,579 --> 00:39:51,549  
in a shallow grave cure anything well to

834  
00:39:49,210 --> 00:39:54,280  
be honest I don't think it does cure

835  
00:39:51,550 --> 00:39:55,840  
anything except okay we did it twice

836  
00:39:54,280 --> 00:39:58,000  
actually what one set of people got

837  
00:39:55,840 --> 00:40:00,340  
buried in a shallow grave to help cure

838  
00:39:58,000 --> 00:40:03,130  
eczema in India that didn't work for

839  
00:40:00,340 --> 00:40:05,829  
them and then again in Cameroon and

840  
00:40:03,130 --> 00:40:09,519  
another episode a woman who's suffering

841  
00:40:05,829 --> 00:40:12,250

from anxiety and sort of generalized the

842

00:40:09,519 --> 00:40:13,809

fear of life that the prescription then

843

00:40:12,250 --> 00:40:15,929

from the witch doctor was that she

844

00:40:13,809 --> 00:40:19,380

should be put into a shallow grave and

845

00:40:15,929 --> 00:40:23,199

surrounded with candles and a circle of

846

00:40:19,380 --> 00:40:26,200

freshly slaughtered chickens blood now

847

00:40:23,199 --> 00:40:28,239

that was all going ok her anxiety levels

848

00:40:26,199 --> 00:40:31,719

did seem to be decreasing but then they

849

00:40:28,239 --> 00:40:34,029

rapidly increased because a gang of what

850

00:40:31,719 --> 00:40:36,339

we thought would just thugs with machine

851

00:40:34,030 --> 00:40:38,320

guns turned up and started pointing AK

852

00:40:36,340 --> 00:40:40,030

forty-sevens at us it turned out these

853

00:40:38,320 --> 00:40:41,640

were actually the police and they took

854

00:40:40,030 --> 00:40:43,528

us into custody and

855

00:40:41,639 --> 00:40:46,348

questioned us for five hours and by the

856  
00:40:43,528 --> 00:40:48,750  
end of that my patients anxiety levels

857  
00:40:46,349 --> 00:40:51,390  
had risen substantially imagine that

858  
00:40:48,750 --> 00:40:53,400  
would be the case what do you find when

859  
00:40:51,389 --> 00:40:55,288  
you're looking back at these episodes as

860  
00:40:53,400 --> 00:40:56,940  
being the most fascinating one the one

861  
00:40:55,289 --> 00:40:59,099  
where you go would boy I can't believe I

862  
00:40:56,940 --> 00:41:01,950  
got away with that I mean that sounds

863  
00:40:59,099 --> 00:41:03,210  
like a good of him pretty close yes that

864  
00:41:01,949 --> 00:41:05,338  
would that was that was close and that

865  
00:41:03,210 --> 00:41:08,099  
was scary and and I'm very grateful to

866  
00:41:05,338 --> 00:41:10,588  
the British High Commissioner in

867  
00:41:08,099 --> 00:41:12,420  
Cameroon for sorting us out there the

868  
00:41:10,588 --> 00:41:14,308  
other thing I think is pretty startling

869  
00:41:12,420 --> 00:41:16,559  
was something i just cannot explain

870  
00:41:14,309 --> 00:41:19,380  
which was in the the first episode which

871  
00:41:16,559 --> 00:41:22,289  
is that someone got cured through

872  
00:41:19,380 --> 00:41:25,500  
acupuncture in their tongue and they had

873  
00:41:22,289 --> 00:41:27,359  
a a real moment of miraculous healing

874  
00:41:25,500 --> 00:41:30,179  
where someone jab their tongue and

875  
00:41:27,358 --> 00:41:32,429  
immediatly their back was freed of the

876  
00:41:30,179 --> 00:41:34,108  
pain now this was pretty astonishing to

877  
00:41:32,429 --> 00:41:36,088  
me and astonishing to everyone in the

878  
00:41:34,108 --> 00:41:38,130  
room the camera man put his camera down

879  
00:41:36,088 --> 00:41:40,048  
and said wow I've got a bad back to cure

880  
00:41:38,130 --> 00:41:42,510  
me and it was it was just extraordinary

881  
00:41:40,048 --> 00:41:44,429  
it was basically people lining up for a

882  
00:41:42,510 --> 00:41:45,900  
miracle The Chronicle delaying it I

883  
00:41:44,429 --> 00:41:48,328  
don't know if it works a temporary a

884

00:41:45,900 --> 00:41:50,039  
burst of adrenaline or maybe look this

885  
00:41:48,329 --> 00:41:51,690  
is purely psychosomatic to start with or

886  
00:41:50,039 --> 00:41:54,960  
maybe it's some sort of wacky placebo

887  
00:41:51,690 --> 00:41:57,119  
effect all of those are possible and you

888  
00:41:54,960 --> 00:41:59,490  
know throughout the series we always try

889  
00:41:57,119 --> 00:42:02,730  
to keep in mind that placebo is powerful

890  
00:41:59,489 --> 00:42:04,409  
and anecdote does not equal evidence you

891  
00:42:02,730 --> 00:42:06,480  
know one person being healed in front of

892  
00:42:04,409 --> 00:42:09,899  
you does not mean that that therapy will

893  
00:42:06,480 --> 00:42:13,588  
always work but equally but they got

894  
00:42:09,900 --> 00:42:15,690  
cured and well that was one I think for

895  
00:42:13,588 --> 00:42:17,578  
me because I've seen the evidence and

896  
00:42:15,690 --> 00:42:19,289  
looked at the research into acupuncture

897  
00:42:17,579 --> 00:42:22,528  
that was one for me that really made me

898  
00:42:19,289 --> 00:42:25,109

raise one eyebrow right up to the top of

899

00:42:22,528 --> 00:42:27,900

my forehead and think good lord maybe

900

00:42:25,108 --> 00:42:30,268

this is and there a cure lots more

901

00:42:27,900 --> 00:42:32,818

research needed but fascinating to watch

902

00:42:30,268 --> 00:42:34,288

yes so how did you have did how much you

903

00:42:32,818 --> 00:42:36,088

mentioned they're pretty much you've had

904

00:42:34,289 --> 00:42:38,730

to balance your scientific training

905

00:42:36,088 --> 00:42:40,768

experience with actual your own

906

00:42:38,730 --> 00:42:42,809

experience and first-hand experience as

907

00:42:40,768 --> 00:42:44,818

we all know is very powerful and like

908

00:42:42,809 --> 00:42:46,769

you said it's not evidence but we're

909

00:42:44,818 --> 00:42:50,639

always having that dichotomy going on

910

00:42:46,768 --> 00:42:52,709

your head definitely and it's it's the

911

00:42:50,639 --> 00:42:54,069

other thing is a lot of these therapies

912

00:42:52,710 --> 00:42:58,599

around the world

913  
00:42:54,070 --> 00:43:00,220  
they do require you to to believe in

914  
00:42:58,599 --> 00:43:02,589  
them a bit so it's very difficult for a

915  
00:43:00,219 --> 00:43:04,689  
westerner to walk in and go go and prove

916  
00:43:02,590 --> 00:43:08,530  
it then rub me down with that snake oil

917  
00:43:04,690 --> 00:43:10,510  
and let's see the effect so is there

918  
00:43:08,530 --> 00:43:12,640  
something we could learn from that is

919  
00:43:10,510 --> 00:43:15,730  
there some way that we could harness the

920  
00:43:12,639 --> 00:43:17,769  
placebo effect and also use it in

921  
00:43:15,730 --> 00:43:19,780  
Western medicine I still think there are

922  
00:43:17,769 --> 00:43:21,820  
unanswered questions out there now peas

923  
00:43:19,780 --> 00:43:23,470  
given the show is the witch doctor will

924  
00:43:21,820 --> 00:43:26,019  
see you now now you've done this is

925  
00:43:23,469 --> 00:43:27,669  
there is a really wild more extreme

926  
00:43:26,019 --> 00:43:30,219  
treatment that you would like to go for

927  
00:43:27,670 --> 00:43:32,349  
if you had another season another season

928  
00:43:30,219 --> 00:43:33,909  
now where would I go I definitely said

929  
00:43:32,349 --> 00:43:36,130  
there's some stuff in the Arctic I'd

930  
00:43:33,909 --> 00:43:38,710  
like to look at and there's all sorts of

931  
00:43:36,130 --> 00:43:41,440  
strange plants to be eaten and drunk

932  
00:43:38,710 --> 00:43:43,000  
around the world and you sound like a

933  
00:43:41,440 --> 00:43:44,769  
pretty game guy to be doing this too

934  
00:43:43,000 --> 00:43:47,980  
because I mean a lot of strange plants

935  
00:43:44,769 --> 00:43:49,929  
are not drunk for a reason but this is

936  
00:43:47,980 --> 00:43:52,719  
the thing exactly they're not drunk for

937  
00:43:49,929 --> 00:43:54,639  
a reason but my view is if a tribal

938  
00:43:52,719 --> 00:43:56,679  
society has been taking a particular

939  
00:43:54,639 --> 00:43:58,750  
plant or a particular medicine or a

940  
00:43:56,679 --> 00:44:01,359  
particular remedy for let's say a

941

00:43:58,750 --> 00:44:03,400  
thousand years then for me that is good

942  
00:44:01,360 --> 00:44:05,230  
enough evidence that it's worth a closer

943  
00:44:03,400 --> 00:44:06,970  
look it doesn't mean it works but it's

944  
00:44:05,230 --> 00:44:08,679  
worth a closer look because it probably

945  
00:44:06,969 --> 00:44:10,559  
won't kill you and is there a

946  
00:44:08,679 --> 00:44:13,690  
commonality of where all these ancient

947  
00:44:10,559 --> 00:44:15,670  
civilizations say they got these drugs

948  
00:44:13,690 --> 00:44:17,230  
and cures for is it something that their

949  
00:44:15,670 --> 00:44:18,970  
ancestors did it was something that was

950  
00:44:17,230 --> 00:44:20,980  
commonly handed down from the gods did

951  
00:44:18,969 --> 00:44:24,039  
they have a common story well there was

952  
00:44:20,980 --> 00:44:26,139  
one particular guy i spoke to in peru in

953  
00:44:24,039 --> 00:44:27,670  
the jungles of Peru nahin he answered

954  
00:44:26,139 --> 00:44:29,469  
the question very simply you know where

955  
00:44:27,670 --> 00:44:32,409

do you get this medicine from how do you

956

00:44:29,469 --> 00:44:35,949

know which plant will cure which disease

957

00:44:32,409 --> 00:44:38,710

the answer is the plants tell me the the

958

00:44:35,949 --> 00:44:40,539

plant speak to me in the visions that he

959

00:44:38,710 --> 00:44:42,610

that he sees under the influence of

960

00:44:40,539 --> 00:44:45,849

ayahuasca and the plants quite simply

961

00:44:42,610 --> 00:44:48,039

tell him which of us to use next is this

962

00:44:45,849 --> 00:44:49,900

extraordinary concept and I asked him in

963

00:44:48,039 --> 00:44:52,150

several different ways to find out are

964

00:44:49,900 --> 00:44:55,960

you serious and he's deadly serious that

965

00:44:52,150 --> 00:44:58,119

is exactly how he is trained as a doctor

966

00:44:55,960 --> 00:45:00,250

in his community is by drinking

967

00:44:58,119 --> 00:45:02,619

different plant juices and they will

968

00:45:00,250 --> 00:45:05,340

tell him what to do now in our Western

969

00:45:02,619 --> 00:45:07,599

society we assume that someone who takes

970  
00:45:05,340 --> 00:45:08,110  
hallucinogenic drugs on a regular basis

971  
00:45:07,599 --> 00:45:10,480  
is

972  
00:45:08,110 --> 00:45:12,160  
going to be severely damaged did this

973  
00:45:10,480 --> 00:45:14,400  
person seem to have a grip on reality

974  
00:45:12,159 --> 00:45:17,619  
when not under the effect of these drugs

975  
00:45:14,400 --> 00:45:20,410  
absolutely it was a charming man and him

976  
00:45:17,619 --> 00:45:23,079  
and his wife work as a doctor you know

977  
00:45:20,409 --> 00:45:25,480  
mr. and mrs. team basically and they are

978  
00:45:23,079 --> 00:45:27,849  
a lovely couple and they're in their 50s

979  
00:45:25,480 --> 00:45:30,219  
now I think and yeah totally

980  
00:45:27,849 --> 00:45:32,500  
down-to-earth sorted people who were

981  
00:45:30,219 --> 00:45:33,879  
just fun to be with and very serious

982  
00:45:32,500 --> 00:45:36,070  
when they were discussing things that

983  
00:45:33,880 --> 00:45:38,590  
were serious and able to have a laugh

984  
00:45:36,070 --> 00:45:40,210  
when need be look peers your peers given

985  
00:45:38,590 --> 00:45:42,010  
that the witch doctor will see you a man

986  
00:45:40,210 --> 00:45:44,289  
who's gone out and sought the evidence

987  
00:45:42,010 --> 00:45:46,270  
and you we can all see the results on

988  
00:45:44,289 --> 00:45:48,340  
the TV show and is there any way that we

989  
00:45:46,269 --> 00:45:50,409  
could relate what you've been doing to

990  
00:45:48,340 --> 00:45:53,530  
hello to our everyday 20th century life

991  
00:45:50,409 --> 00:45:56,529  
in the urban city jungle I think yes

992  
00:45:53,530 --> 00:45:59,190  
because we have an episode in India in

993  
00:45:56,530 --> 00:46:01,780  
particular were a lot of talk about

994  
00:45:59,190 --> 00:46:03,670  
looking at your own life holistically

995  
00:46:01,780 --> 00:46:05,650  
and looking at what you're eating and

996  
00:46:03,670 --> 00:46:07,329  
how you're behaving as a way of

997  
00:46:05,650 --> 00:46:09,519  
achieving health and that just makes

998

00:46:07,329 --> 00:46:10,840  
sense I think well yeah I'm everyone

999  
00:46:09,519 --> 00:46:12,579  
knows that it's a healthy diet you know

1000  
00:46:10,840 --> 00:46:14,079  
you eat less and exercise more but no

1001  
00:46:12,579 --> 00:46:16,840  
one seems to want to do that do they

1002  
00:46:14,079 --> 00:46:19,630  
know ah but that's interesting that you

1003  
00:46:16,840 --> 00:46:21,880  
know one effect on me after having done

1004  
00:46:19,630 --> 00:46:24,369  
the whole series is that I'm taking my

1005  
00:46:21,880 --> 00:46:26,860  
health more seriously I've started going

1006  
00:46:24,369 --> 00:46:29,889  
for some acupuncture I'm doing a bit of

1007  
00:46:26,860 --> 00:46:32,530  
Pilates and I'm looking after myself and

1008  
00:46:29,889 --> 00:46:34,210  
I think that is a result of having gone

1009  
00:46:32,530 --> 00:46:36,010  
through all of the different therapies

1010  
00:46:34,210 --> 00:46:37,539  
that were offered in the witch doctor

1011  
00:46:36,010 --> 00:46:39,760  
will see you now and i'm now thinking

1012  
00:46:37,539 --> 00:46:41,559

you know what i would like to stay

1013

00:46:39,760 --> 00:46:43,930

healthy so I don't have to see which

1014

00:46:41,559 --> 00:46:45,519

doctors in the future Thank You peers

1015

00:46:43,929 --> 00:46:46,690

given have a look at the show the witch

1016

00:46:45,519 --> 00:46:48,070

doctor will see you now now i'm

1017

00:46:46,690 --> 00:46:50,860

interested in where you might go if you

1018

00:46:48,070 --> 00:46:54,519

get another series I would go to the

1019

00:46:50,860 --> 00:46:57,910

Arctic I would go to Tibet I would go

1020

00:46:54,519 --> 00:47:00,909

deeper into China and I bet there's some

1021

00:46:57,909 --> 00:47:03,579

stuff in Eastern Europe which is old

1022

00:47:00,909 --> 00:47:05,889

ancient remedies that may be in danger

1023

00:47:03,579 --> 00:47:07,119

of dying out one last local question

1024

00:47:05,889 --> 00:47:09,190

before we go is there any Aboriginal

1025

00:47:07,119 --> 00:47:11,920

remedies here from Australia that have

1026

00:47:09,190 --> 00:47:13,990

tweaked your interest there are and the

1027  
00:47:11,920 --> 00:47:16,840  
that I would love to come back to

1028  
00:47:13,989 --> 00:47:19,359  
Australia my girlfriend's family comes

1029  
00:47:16,840 --> 00:47:21,550  
from Australia and a big shout out to

1030  
00:47:19,360 --> 00:47:24,309  
the serenity at bonny doon

1031  
00:47:21,550 --> 00:47:27,100  
but I would like to come back and visit

1032  
00:47:24,309 --> 00:47:28,960  
Aboriginal communities and would love to

1033  
00:47:27,099 --> 00:47:30,730  
share the remedies they have I

1034  
00:47:28,960 --> 00:47:33,670  
understand those particular difficulties

1035  
00:47:30,730 --> 00:47:36,909  
with the filming Aboriginal people they

1036  
00:47:33,670 --> 00:47:38,950  
may not want to be filmed and to show

1037  
00:47:36,909 --> 00:47:40,449  
their remedies to the camera and I think

1038  
00:47:38,949 --> 00:47:42,849  
that was something else we really wanted

1039  
00:47:40,449 --> 00:47:45,699  
to keep in mind is to be respectful of

1040  
00:47:42,849 --> 00:47:48,989  
the communities we visited and only show

1041  
00:47:45,699 --> 00:47:48,989  
what they wanted to show

1042  
00:48:06,969 --> 00:48:11,899  
hi I'm on it oh yeah Kristen Aviva tips

1043  
00:48:10,219 --> 00:48:14,268  
addai so much glitter of a skeptic zone

1044  
00:48:11,900 --> 00:48:16,608  
I'm skeptical in la liga the VINs not a

1045  
00:48:14,268 --> 00:48:18,558  
blog gear up a BF a podcast of reading

1046  
00:48:16,608 --> 00:48:21,108  
and skip sistemas leaks in this drama

1047  
00:48:18,559 --> 00:48:22,548  
central data skips a stall demo or hyper

1048  
00:48:21,108 --> 00:48:24,858  
besides the deeps corner Chiclets and

1049  
00:48:22,548 --> 00:48:26,179  
calendar / activated or link eternity

1050  
00:48:24,858 --> 00:48:28,009  
research it escapes this blog in

1051  
00:48:26,179 --> 00:48:29,808  
aquatarium lay autodesk ateres Hecate

1052  
00:48:28,009 --> 00:48:46,998  
performance so stick kingdom of delta do

1053  
00:48:29,809 --> 00:48:49,489  
alsa escapes his thoughts hello hello

1054  
00:48:46,998 --> 00:48:51,618  
from a New Orleans tram I'm in New

1055

00:48:49,489 --> 00:48:53,509  
Orleans for the Saigon 2011 the

1056  
00:48:51,619 --> 00:48:56,749  
committee for skeptical inquiry

1057  
00:48:53,509 --> 00:48:59,119  
convention having a little adventure out

1058  
00:48:56,748 --> 00:49:01,368  
here the local flavor there's lots of

1059  
00:48:59,119 --> 00:49:03,650  
people dressed up in crazy stuff but

1060  
00:49:01,369 --> 00:49:06,548  
right now I'm going to take you back to

1061  
00:49:03,650 --> 00:49:11,170  
the convention where I interview skip go

1062  
00:49:06,548 --> 00:49:11,170  
skipped up Harriet ball

1063  
00:49:14,719 --> 00:49:22,618  
well sadly the cyclone is wrapping up

1064  
00:49:19,650 --> 00:49:24,900  
here the committee for skeptical inquiry

1065  
00:49:22,619 --> 00:49:28,858  
convention here in New Orleans but I'm

1066  
00:49:24,900 --> 00:49:30,838  
very lucky to have found Harriet hall

1067  
00:49:28,858 --> 00:49:33,719  
skip doc and grabbed her for a quick

1068  
00:49:30,838 --> 00:49:37,078  
interview hello Harry hello Richard now

1069  
00:49:33,719 --> 00:49:39,209

I met you on a slow boat to Alaska many

1070

00:49:37,079 --> 00:49:43,470

years ago that's right i still have the

1071

00:49:39,210 --> 00:49:46,849

little origami rabbit in a hat that you

1072

00:49:43,469 --> 00:49:49,259

made for me on that cruise rabid elated

1073

00:49:46,849 --> 00:49:51,809

that's fantastic is that was that was a

1074

00:49:49,260 --> 00:49:54,750

really entertaining time for sponsor it

1075

00:49:51,809 --> 00:49:56,910

was really enjoyed that now you were and

1076

00:49:54,750 --> 00:49:58,858

I think I probably missed it from jet

1077

00:49:56,909 --> 00:50:01,170

lag or I don't know what you were

1078

00:49:58,858 --> 00:50:03,690

involved in a panel as I understand it

1079

00:50:01,170 --> 00:50:05,039

all you're giving it a presentation we

1080

00:50:03,690 --> 00:50:07,889

had three of us talking about

1081

00:50:05,039 --> 00:50:10,380

alternative medicine run and my talk was

1082

00:50:07,889 --> 00:50:12,598

puncturing the acupuncture myth I'm

1083

00:50:10,380 --> 00:50:15,539

during the acupuncture me the oh

1084  
00:50:12,599 --> 00:50:17,490  
I'm sorry I missed that absolutely well

1085  
00:50:15,539 --> 00:50:20,009  
there were so many topics is hot for us

1086  
00:50:17,489 --> 00:50:22,258  
all to keep up and did you did you

1087  
00:50:20,009 --> 00:50:24,509  
manage to functioning occupation well I

1088  
00:50:22,259 --> 00:50:26,219  
think I did I think almost everything

1089  
00:50:24,509 --> 00:50:28,108  
you've ever heard about acupuncture is

1090  
00:50:26,219 --> 00:50:30,358  
wrong even starting with a simple

1091  
00:50:28,108 --> 00:50:32,880  
description of it as an ancient Chinese

1092  
00:50:30,358 --> 00:50:35,429  
method it's nowhere near as ancient as

1093  
00:50:32,880 --> 00:50:37,349  
they say is probably not even Chinese it

1094  
00:50:35,429 --> 00:50:40,318  
probably originated in Greece and then

1095  
00:50:37,349 --> 00:50:42,088  
traveled east and it's not a method it's

1096  
00:50:40,318 --> 00:50:43,798  
a whole bunch of different methods so

1097  
00:50:42,088 --> 00:50:46,739  
when you talk about acupuncture you got

1098  
00:50:43,798 --> 00:50:50,730  
to specify which acupuncture really

1099  
00:50:46,739 --> 00:50:53,038  
mm-hmm so I I'm surprised I didn't know

1100  
00:50:50,730 --> 00:50:55,769  
it didn't I didn't think it originated

1101  
00:50:53,039 --> 00:50:58,140  
in ancient China and now you say it's

1102  
00:50:55,768 --> 00:50:59,939  
not even Chinese it may not be the

1103  
00:50:58,139 --> 00:51:02,098  
historians are looking into it and

1104  
00:50:59,940 --> 00:51:04,139  
they're the earliest texts in China that

1105  
00:51:02,099 --> 00:51:05,509  
they said we're about acupuncture turn

1106  
00:51:04,139 --> 00:51:10,199  
out to have been about bloodletting

1107  
00:51:05,509 --> 00:51:12,809  
really yes which is absolutely not what

1108  
00:51:10,199 --> 00:51:14,699  
acupuncture is now yeah but it's

1109  
00:51:12,809 --> 00:51:16,890  
surprisingly popular around the world

1110  
00:51:14,699 --> 00:51:18,358  
isn't it yes and it's the one thing an

1111  
00:51:16,889 --> 00:51:20,548  
alternative medicine that a lot of

1112

00:51:18,358 --> 00:51:21,090  
people believe there is evidence for but

1113  
00:51:20,548 --> 00:51:23,369  
the evidence

1114  
00:51:21,090 --> 00:51:24,900  
early doesn't hold up the best studies

1115  
00:51:23,369 --> 00:51:26,279  
have shown that it doesn't matter where

1116  
00:51:24,900 --> 00:51:28,079  
you put the needles it doesn't even

1117  
00:51:26,280 --> 00:51:29,490  
matter whether you use needles urban

1118  
00:51:28,079 --> 00:51:30,960  
studies with toothpicks where the

1119  
00:51:29,489 --> 00:51:34,349  
toothpicks touching the scanner work

1120  
00:51:30,960 --> 00:51:36,630  
just as well yes yeah Oh shall we say

1121  
00:51:34,349 --> 00:51:38,759  
what not better than placebo right

1122  
00:51:36,630 --> 00:51:40,740  
because when when it appears that

1123  
00:51:38,760 --> 00:51:46,700  
acupuncture works it can be attributed

1124  
00:51:40,739 --> 00:51:49,529  
to all the surrounding drama and the

1125  
00:51:46,699 --> 00:51:52,710  
suggestion and all of the nonspecific

1126  
00:51:49,530 --> 00:51:54,180

effects of a medical interaction but it

1127

00:51:52,710 --> 00:51:58,170  
is interesting as you say a lot of

1128

00:51:54,179 --> 00:52:00,960  
people as human worked and they're quite

1129

00:51:58,170 --> 00:52:03,720  
strident about it yes so when I bring it

1130

00:52:00,960 --> 00:52:05,519  
up or even on a TV show I've been doing

1131

00:52:03,719 --> 00:52:08,279  
recently one of the things point put

1132

00:52:05,519 --> 00:52:11,730  
towards me I you skeptics you were even

1133

00:52:08,280 --> 00:52:13,260  
wrong about acupuncture as to submit for

1134

00:52:11,730 --> 00:52:16,949  
many people this is an absolutely

1135

00:52:13,260 --> 00:52:18,630  
ingrained factor of medicine is that

1136

00:52:16,949 --> 00:52:21,329  
acupuncture works its usual over the

1137

00:52:18,630 --> 00:52:23,220  
world and people get better I wish I

1138

00:52:21,329 --> 00:52:25,819  
could invent something so successful yes

1139

00:52:23,219 --> 00:52:30,689  
the medical letter which is a very

1140

00:52:25,820 --> 00:52:32,070  
reliable a group of scientists that put

1141  
00:52:30,690 --> 00:52:33,960  
their heads together they don't have any

1142  
00:52:32,070 --> 00:52:36,120  
influences over them they're just an

1143  
00:52:33,960 --> 00:52:37,320  
independent investigation group they've

1144  
00:52:36,119 --> 00:52:39,059  
looked at all the evidence for

1145  
00:52:37,320 --> 00:52:41,370  
acupuncture and they say there is no

1146  
00:52:39,059 --> 00:52:43,079  
credible repeated evidence that

1147  
00:52:41,369 --> 00:52:45,989  
acupuncture works for any medical

1148  
00:52:43,079 --> 00:52:49,500  
condition that's pretty definite yes

1149  
00:52:45,989 --> 00:52:52,769  
absolutely oh maybe I can invent

1150  
00:52:49,500 --> 00:52:56,250  
something there for men so that that

1151  
00:52:52,769 --> 00:52:58,650  
would be as I am now I do regret that I

1152  
00:52:56,250 --> 00:52:59,880  
didn't catch up with that that talk but

1153  
00:52:58,650 --> 00:53:02,099  
I'm sure you'll be giving it again

1154  
00:52:59,880 --> 00:53:07,950  
somewhere as a matter of fact I'm giving

1155  
00:53:02,099 --> 00:53:12,989  
it next week in Montreal I think about

1156  
00:53:07,949 --> 00:53:15,689  
then i'll be in Death Valley now how is

1157  
00:53:12,989 --> 00:53:20,069  
the skip doc Korea been treating you

1158  
00:53:15,690 --> 00:53:22,510  
since that voyage in 2007 I think we do

1159  
00:53:20,070 --> 00:53:24,160  
I've been having a wonderful time I've

1160  
00:53:22,510 --> 00:53:25,840  
been writing an article every week for

1161  
00:53:24,159 --> 00:53:27,819  
science-based medicine and I'm a

1162  
00:53:25,840 --> 00:53:30,340  
contributing editor to both skeptic

1163  
00:53:27,820 --> 00:53:32,490  
magazine and skeptical Inquirer I've

1164  
00:53:30,340 --> 00:53:34,990  
been named a fellow of the committee for

1165  
00:53:32,489 --> 00:53:37,500  
skeptical inquiry which is one of my

1166  
00:53:34,989 --> 00:53:40,529  
proudest achievements oh then way we are

1167  
00:53:37,500 --> 00:53:43,829  
what's the word we're fellow fellow

1168  
00:53:40,530 --> 00:53:46,900  
colleagues indeed yeah it's very flat

1169

00:53:43,829 --> 00:53:49,920  
reasonable and I published a book my

1170  
00:53:46,900 --> 00:53:52,990  
memoirs women aren't supposed to fly the

1171  
00:53:49,920 --> 00:53:56,860  
memoirs of a female flight surgeon and

1172  
00:53:52,989 --> 00:53:59,019  
I'm helping to revise a consumer health

1173  
00:53:56,860 --> 00:54:01,000  
textbook with Stephen Barons it'll in

1174  
00:53:59,019 --> 00:54:03,250  
the 9th edition will be coming up to

1175  
00:54:01,000 --> 00:54:04,960  
early next year and i'll be listed as a

1176  
00:54:03,250 --> 00:54:08,679  
co-author on that it's not as i know

1177  
00:54:04,960 --> 00:54:10,599  
that's right so you're certainly not as

1178  
00:54:08,679 --> 00:54:13,029  
we say resting on your laurels you have

1179  
00:54:10,599 --> 00:54:15,789  
your busy very busy probably busier now

1180  
00:54:13,030 --> 00:54:19,710  
than you were with your doctor are you

1181  
00:54:15,789 --> 00:54:22,300  
still out sorry I didn't know what it is

1182  
00:54:19,710 --> 00:54:23,980  
when I was practicing yeah that's what I

1183  
00:54:22,300 --> 00:54:29,800

went I finally got it right and I could

1184

00:54:23,980 --> 00:54:31,539

stop practicing yeah but that must have

1185

00:54:29,800 --> 00:54:33,550

been enjoy your you in the military of

1186

00:54:31,539 --> 00:54:35,889

page yes I was in the Air Force for 20

1187

00:54:33,550 --> 00:54:37,930

years and retired as a fulcrum yeah it

1188

00:54:35,889 --> 00:54:39,730

must have been an enjoyable time I would

1189

00:54:37,929 --> 00:54:41,379

have paint lines I'm a little ashamed

1190

00:54:39,730 --> 00:54:43,240

now to say that I was in the Air Force

1191

00:54:41,380 --> 00:54:45,700

because the Air Force is teaching

1192

00:54:43,239 --> 00:54:49,239

battlefield acupuncture to its doctors

1193

00:54:45,699 --> 00:54:52,179

now what yes your acupuncture no less

1194

00:54:49,239 --> 00:54:57,969

which was invented out of thin air by a

1195

00:54:52,179 --> 00:55:00,879

Frenchman in 1957 seriously yes but

1196

00:54:57,969 --> 00:55:02,409

battle field here acupuncture yes you

1197

00:55:00,880 --> 00:55:05,200

can't make up stuff like that that

1198  
00:55:02,409 --> 00:55:06,699  
sounds so now as you can these are these

1199  
00:55:05,199 --> 00:55:10,119  
arms got shut off quick where's the

1200  
00:55:06,699 --> 00:55:11,619  
needles you know oh yeah that is sad it

1201  
00:55:10,119 --> 00:55:14,889  
is really sandy

1202  
00:55:11,619 --> 00:55:18,250  
and have you managed to make us the fuss

1203  
00:55:14,889 --> 00:55:19,900  
about this I know because knowing what I

1204  
00:55:18,250 --> 00:55:21,429  
do about the military I don't think

1205  
00:55:19,900 --> 00:55:25,900  
anything that I could say would make a

1206  
00:55:21,429 --> 00:55:27,669  
bit of difference dear do you did well i

1207  
00:55:25,900 --> 00:55:33,789  
hope i hope some generals listening to

1208  
00:55:27,670 --> 00:55:36,250  
this right now I wish I idea if it's

1209  
00:55:33,789 --> 00:55:38,259  
still that is pretty funny battlefield

1210  
00:55:36,250 --> 00:55:42,429  
the ear acupuncture that's pretty

1211  
00:55:38,260 --> 00:55:43,990  
amazing yes but again I guess somebody

1212  
00:55:42,429 --> 00:55:45,639  
thought it was a good idea they've

1213  
00:55:43,989 --> 00:55:48,369  
invested a lot of money to do it i guess

1214  
00:55:45,639 --> 00:55:50,349  
there is a kernel that's are very

1215  
00:55:48,369 --> 00:55:52,409  
important in the military system that

1216  
00:55:50,349 --> 00:55:57,130  
believes in acupuncture and he is is

1217  
00:55:52,409 --> 00:56:01,779  
spearheading all this really dope about

1218  
00:55:57,130 --> 00:56:05,289  
appeal to authority yes so and you you

1219  
00:56:01,780 --> 00:56:07,360  
were w television too i think no I've

1220  
00:56:05,289 --> 00:56:09,759  
never been on television I had a column

1221  
00:56:07,360 --> 00:56:10,990  
in o the oprah magazine okay but I'm

1222  
00:56:09,760 --> 00:56:13,360  
getting confused was the oprah magazine

1223  
00:56:10,989 --> 00:56:16,299  
that's right of course enough for few

1224  
00:56:13,360 --> 00:56:18,579  
months yes and that sort of came to an

1225  
00:56:16,300 --> 00:56:20,800  
end they sort of fired me without

1226

00:56:18,579 --> 00:56:25,989  
bothering to tell me that I was fired he

1227  
00:56:20,800 --> 00:56:27,760  
was rather frustrating but it kind of

1228  
00:56:25,989 --> 00:56:29,259  
didn't quite see eye to eye with your

1229  
00:56:27,760 --> 00:56:31,420  
point of view well the whole experience

1230  
00:56:29,260 --> 00:56:33,640  
is frustrating because they wanted to

1231  
00:56:31,420 --> 00:56:35,829  
tell me what I could write about they

1232  
00:56:33,639 --> 00:56:37,509  
essentially fed me topics that they

1233  
00:56:35,829 --> 00:56:40,179  
wanted me to write about Miss common

1234  
00:56:37,510 --> 00:56:43,060  
myths about medicine and then they would

1235  
00:56:40,179 --> 00:56:44,710  
take apart what I'd written and revise

1236  
00:56:43,059 --> 00:56:48,789  
it to where I couldn't even recognize it

1237  
00:56:44,710 --> 00:56:51,119  
is what I started out with and I just I

1238  
00:56:48,789 --> 00:56:53,559  
didn't enjoy working with them at all

1239  
00:56:51,119 --> 00:56:54,809  
well I mean if someone's going to take a

1240  
00:56:53,559 --> 00:56:57,090

pot what you've written

1241

00:56:54,809 --> 00:57:00,570

okay I understand on the components and

1242

00:56:57,090 --> 00:57:02,730

at what a pity yes what a big pity but I

1243

00:57:00,570 --> 00:57:04,350

guess they know their audience that's

1244

00:57:02,730 --> 00:57:06,119

the joy of writing for the science-based

1245

00:57:04,349 --> 00:57:08,309

medicine blog is that there is no

1246

00:57:06,119 --> 00:57:11,039

editing I can say anything I want to say

1247

00:57:08,309 --> 00:57:13,139

the way I want to say it it's been great

1248

00:57:11,039 --> 00:57:15,509

psychotherapy for me because I read

1249

00:57:13,139 --> 00:57:17,819

about some stupid thing it makes me

1250

00:57:15,510 --> 00:57:21,390

angry and I get to pour it out on the

1251

00:57:17,820 --> 00:57:23,280

blog oh well that's really nice and

1252

00:57:21,389 --> 00:57:26,159

that's got a large readership so that's

1253

00:57:23,280 --> 00:57:29,400

you must get some correspondence meant i

1254

00:57:26,159 --> 00:57:32,039

go to all the time i've gotten some very

1255  
00:57:29,400 --> 00:57:35,970  
gratifying correspondence for for

1256  
00:57:32,039 --> 00:57:37,710  
instance people would read about spinal

1257  
00:57:35,969 --> 00:57:39,899  
decompression machines that i wrote

1258  
00:57:37,710 --> 00:57:41,670  
about and they'd say i was thinking

1259  
00:57:39,900 --> 00:57:43,200  
about spending five to six thousand

1260  
00:57:41,670 --> 00:57:45,920  
dollars on this treatment but i found

1261  
00:57:43,199 --> 00:57:49,919  
your article and i say with somebody

1262  
00:57:45,920 --> 00:57:52,559  
excellent excellent it does do some good

1263  
00:57:49,920 --> 00:57:55,409  
yeah i know sometimes we work we work

1264  
00:57:52,559 --> 00:57:57,779  
away and do our blogs and our podcasts

1265  
00:57:55,409 --> 00:57:59,849  
or whatever it is and yeah sometimes you

1266  
00:57:57,780 --> 00:58:01,500  
do actually learn that what you're doing

1267  
00:57:59,849 --> 00:58:03,500  
is making difference which i think is

1268  
00:58:01,500 --> 00:58:06,179  
fantastic so what are your future

1269  
00:58:03,500 --> 00:58:08,369  
prospects what you plan is coming up

1270  
00:58:06,179 --> 00:58:10,139  
well as i said i've been invited to

1271  
00:58:08,369 --> 00:58:12,000  
Montreal to speak in the truck day

1272  
00:58:10,139 --> 00:58:16,079  
symposium and I've been invited to speak

1273  
00:58:12,000 --> 00:58:17,809  
in Berlin next spring at the world

1274  
00:58:16,079 --> 00:58:20,099  
skeptics conference or something like

1275  
00:58:17,809 --> 00:58:21,480  
unbelievable and when is that what time

1276  
00:58:20,099 --> 00:58:26,880  
V they do in May

1277  
00:58:21,480 --> 00:58:28,260  
April much way from okay I'm gum my mind

1278  
00:58:26,880 --> 00:58:32,490  
brain is ticking over because i'll be in

1279  
00:58:28,260 --> 00:58:35,670  
Manchester in March I for the QED maybe

1280  
00:58:32,489 --> 00:58:37,349  
I can extend my trip had to Berlin I

1281  
00:58:35,670 --> 00:58:40,170  
don't know that's very exciting this

1282  
00:58:37,349 --> 00:58:43,349  
that's very exciting and at any books in

1283

00:58:40,170 --> 00:58:45,570  
the well I have a book proposal in for a

1284  
00:58:43,349 --> 00:58:47,880  
compilation of some of my articles right

1285  
00:58:45,570 --> 00:58:51,150  
I don't know if that's going to fly or

1286  
00:58:47,880 --> 00:58:52,890  
not it's hard to get into publishing i

1287  
00:58:51,150 --> 00:58:54,690  
self-published my memoirs because i

1288  
00:58:52,889 --> 00:58:56,699  
couldn't find an agent or publisher that

1289  
00:58:54,690 --> 00:59:00,119  
was interested well a lot of people

1290  
00:58:56,699 --> 00:59:02,460  
doing that in fact i was speaking to not

1291  
00:59:00,119 --> 00:59:03,840  
to give anything a high-profile skeptic

1292  
00:59:02,460 --> 00:59:05,309  
here over the weekend who said that

1293  
00:59:03,840 --> 00:59:07,650  
they're just going to publish their own

1294  
00:59:05,309 --> 00:59:09,719  
book with it because they can't get a

1295  
00:59:07,650 --> 00:59:11,940  
publisher injustice a great all power

1296  
00:59:09,719 --> 00:59:15,389  
than until you know if you're going to

1297  
00:59:11,940 --> 00:59:18,450

go go down that way and feel the your

1298

00:59:15,389 --> 00:59:21,449

acupuncture I can't get that out of my

1299

00:59:18,449 --> 00:59:24,689

head I can't get the needles out of my

1300

00:59:21,449 --> 00:59:26,969

ears but how are you light to see you

1301

00:59:24,690 --> 00:59:29,159

once again and I hope we can see each

1302

00:59:26,969 --> 00:59:30,929

other again at another convention in

1303

00:59:29,159 --> 00:59:34,608

some other part of the world I'm sure we

1304

00:59:30,929 --> 00:59:34,608

will assure you well thank you very much

1305

00:59:50,150 --> 00:59:54,690

thank you for listening to the skeptic

1306

00:59:52,650 --> 00:59:57,300

zone now very interesting very exciting

1307

00:59:54,690 --> 00:59:59,909

we have a little competition and you can

1308

00:59:57,300 --> 01:00:03,568

win the series the witch doctor will see

1309

00:59:59,909 --> 01:00:07,379

you now as we discussed earlier in the

1310

01:00:03,568 --> 01:00:08,969

show the interview with Pierce given the

1311

01:00:07,380 --> 01:00:13,289

witch doctor will see you now it's a

1312  
01:00:08,969 --> 01:00:17,219  
four DVD set and it can be yours if you

1313  
01:00:13,289 --> 01:00:21,568  
want all you have to do is use the

1314  
01:00:17,219 --> 01:00:25,679  
hashtag which dr. DVD so that's hashtag

1315  
01:00:21,568 --> 01:00:29,630  
which dr. DVD on Twitter and come up

1316  
01:00:25,679 --> 01:00:32,969  
with your very own alternative medicine

1317  
01:00:29,630 --> 01:00:34,650  
the best one will win the DVD set and

1318  
01:00:32,969 --> 01:00:35,699  
I'll be contacting them so there's the

1319  
01:00:34,650 --> 01:00:38,099  
challenge come up with your own

1320  
01:00:35,699 --> 01:00:41,250  
alternative medicine in the space

1321  
01:00:38,099 --> 01:00:43,829  
available to you on twitter name for it

1322  
01:00:41,250 --> 01:00:46,710  
and a brief explanation how does it work

1323  
01:00:43,829 --> 01:00:48,119  
what does it do that's a challenge boy

1324  
01:00:46,710 --> 01:00:52,440  
all in Twitter I might even have a go

1325  
01:00:48,119 --> 01:00:54,750  
myself hashtag which dr. DVD the winner

1326  
01:00:52,440 --> 01:00:57,510  
will be announced next week and I will

1327  
01:00:54,750 --> 01:01:00,539  
send the series off to that winner no

1328  
01:00:57,510 --> 01:01:02,430  
matter where you are in the world okay

1329  
01:01:00,539 --> 01:01:04,679  
that's enough for me I'm still

1330  
01:01:02,429 --> 01:01:06,960  
jet-lagged but what the hell it doesn't

1331  
01:01:04,679 --> 01:01:08,509  
matter coming back this way around the

1332  
01:01:06,960 --> 01:01:12,150  
world I woke up very early and go to bed

1333  
01:01:08,510 --> 01:01:14,609  
very early which is better than staying

1334  
01:01:12,150 --> 01:01:18,780  
up all night wishing that you could fall

1335  
01:01:14,608 --> 01:01:22,739  
asleep when you can't whoever can invent

1336  
01:01:18,780 --> 01:01:27,240  
a cure for jet lag will make a million

1337  
01:01:22,739 --> 01:01:29,729  
dollars from me alone so I'll get my

1338  
01:01:27,239 --> 01:01:31,889  
head together for next week's show but

1339  
01:01:29,730 --> 01:01:36,048  
for this week this is Richard Saunders

1340

01:01:31,889 --> 01:01:36,048  
signing off from Sydney Australia

1341  
01:01:38,650 --> 01:01:45,730  
you've been listening to the skeptic

1342  
01:01:40,719 --> 01:01:49,509  
zone visit our website at [www skeptics](http://www.skeptics)

1343  
01:01:45,730 --> 01:01:52,440  
on TV for comments contacts and extra

1344  
01:01:49,510 --> 01:01:52,440  
video reports

1345  
01:01:55,170 --> 01:01:57,230  
you