

1
00:00:00,000 --> 00:00:10,859
this is James Randi and you're listening

2
00:00:01,979 --> 00:00:13,649
to the skeptic zone welcome to the

3
00:00:10,859 --> 00:00:15,519
skeptic zone the podcast from Australia

4
00:00:13,650 --> 00:00:17,589
for science and reason

5
00:00:15,519 --> 00:00:20,509
[Music]

6
00:00:17,589 --> 00:00:26,140
[Applause]

7
00:00:20,510 --> 00:00:28,960
[Music]

8
00:00:26,140 --> 00:00:33,679
yes it's the skeptic zone episode number

9
00:00:28,960 --> 00:00:35,329
512 for the 12th of August 2018

10
00:00:33,679 --> 00:00:38,509
richardsaunders here with you from

11
00:00:35,329 --> 00:00:41,329
Sydney Australia and what a wonderful

12
00:00:38,509 --> 00:00:45,259
week it's been science week kicking off

13
00:00:41,329 --> 00:00:46,988
made on and I were at several functions

14
00:00:45,259 --> 00:00:49,729
and events and shows and performances

15
00:00:46,988 --> 00:00:52,039
more news on that coming up a bit later

16
00:00:49,729 --> 00:00:54,198
but to kick off this week's episode of

17
00:00:52,039 --> 00:00:57,320
the skeptic zone I speak to magician and

18
00:00:54,198 --> 00:01:00,768
general practitioner veeam Sharma now

19
00:00:57,320 --> 00:01:03,768
Fiamma is coming up to Sydney to perform

20
00:01:00,768 --> 00:01:05,269
some mentalism we hope and to give a

21
00:01:03,768 --> 00:01:08,179
talk at the Australian skeptics

22
00:01:05,269 --> 00:01:11,120
convention skeptic on 2018 in October

23
00:01:08,180 --> 00:01:14,810
more news about that as we chat to dr.

24
00:01:11,120 --> 00:01:17,060
Viren Sharma after that an update an

25
00:01:14,810 --> 00:01:20,659
update to the story of Maryland Bodnar

26
00:01:17,060 --> 00:01:23,540
the naturopath currently serving prison

27
00:01:20,659 --> 00:01:25,790
time for endangering the life of a baby

28
00:01:23,540 --> 00:01:28,700
what's the latest news with this story

29

00:01:25,790 --> 00:01:30,680
coming up a bit later on then it's part

30
00:01:28,700 --> 00:01:34,159
one of our science week reports

31
00:01:30,680 --> 00:01:36,110
Maynard spooky action yeah I may not

32
00:01:34,159 --> 00:01:38,060
know word the launch of Science Week at

33
00:01:36,109 --> 00:01:41,180
the Australian Museum a couple of nights

34
00:01:38,060 --> 00:01:42,620
ago wow what a great time we had running

35
00:01:41,180 --> 00:01:45,530
around chatting to all sorts of

36
00:01:42,620 --> 00:01:48,310
scientists and this week Maynard talks

37
00:01:45,530 --> 00:01:50,930
with doctor called cruise whiskey part 1

38
00:01:48,310 --> 00:01:52,519
part 1 may not spend so much time with

39
00:01:50,930 --> 00:01:54,230
dr. Karl I'm going to split up the

40
00:01:52,519 --> 00:01:58,340
interview into two parts so part one

41
00:01:54,230 --> 00:02:02,750
this week part two next week and also to

42
00:01:58,340 --> 00:02:07,300
a very funny lady olanta Colley who is a

43
00:02:02,750 --> 00:02:08,568

comedy scientist talking about parasites

44

00:02:07,299 --> 00:02:10,878

yes

45

00:02:08,568 --> 00:02:13,399

there's even humor there and next week

46

00:02:10,878 --> 00:02:16,128

lots more interviews from the launch of

47

00:02:13,400 --> 00:02:18,650

Science Week with Maynard after that

48

00:02:16,128 --> 00:02:21,139

it's news of the bent spoon award and

49

00:02:18,650 --> 00:02:25,610

some of the early nominations for this

50

00:02:21,139 --> 00:02:28,039

year's award which is awarded to the

51

00:02:25,610 --> 00:02:30,739

most preposterous piece of paranormal or

52

00:02:28,039 --> 00:02:32,870

pseudo scientific Biffle who will be

53

00:02:30,739 --> 00:02:35,209

this year's unworthy winner we'll find

54

00:02:32,870 --> 00:02:37,218

out at the convention then to round off

55

00:02:35,209 --> 00:02:37,670

the show a little clip a little snippet

56

00:02:37,218 --> 00:02:39,709

or two

57

00:02:37,669 --> 00:02:41,780

from the recent mystery investigators

58
00:02:39,709 --> 00:02:44,870
show the Australian Museum where Maynard

59
00:02:41,780 --> 00:02:47,930
and I performed our science routine with

60
00:02:44,870 --> 00:02:51,170
a roomful of enthusiastic schoolkids

61
00:02:47,930 --> 00:02:53,270
always a joy always a pleasure and one

62
00:02:51,169 --> 00:02:55,519
of the highlights of the year and of

63
00:02:53,270 --> 00:02:57,850
course this past week has seen the

64
00:02:55,520 --> 00:03:02,680
birthday of James the amazing Randi

65
00:02:57,849 --> 00:03:07,310
turning 90 but we really only became

66
00:03:02,680 --> 00:03:10,489
friends I guess after he turned 70 when

67
00:03:07,310 --> 00:03:12,530
he was about 72 73 or something like

68
00:03:10,489 --> 00:03:18,230
that so I guess we have been friends for

69
00:03:12,530 --> 00:03:19,939
quite a while and well I speak for lots

70
00:03:18,229 --> 00:03:21,709
of people around the world our lives are

71
00:03:19,939 --> 00:03:24,068
different because of the work of James

72
00:03:21,709 --> 00:03:26,930
the amazing Randi that's for sure

73
00:03:24,068 --> 00:03:29,958
so I hope you had a happy birthday mr.

74
00:03:26,930 --> 00:03:32,269
Andy and well I certainly look forward

75
00:03:29,959 --> 00:03:35,449
to our next meeting wherever and

76
00:03:32,269 --> 00:03:37,430
whenever that will be but now it's time

77
00:03:35,449 --> 00:03:39,619
for me to run downstairs and I've got it

78
00:03:37,430 --> 00:03:41,209
I'm a bit peckish at the moment my

79
00:03:39,620 --> 00:03:44,480
tastes are all over the place I think

80
00:03:41,209 --> 00:03:46,759
I'll have some white chocolate which I

81
00:03:44,479 --> 00:03:49,340
really like with a glass of champagne

82
00:03:46,759 --> 00:03:51,409
and maybe some ice cream after that

83
00:03:49,340 --> 00:03:53,810
there's an interesting selection while I

84
00:03:51,409 --> 00:03:54,340
do that I hope you enjoy the skeptic

85
00:03:53,810 --> 00:04:15,319
zone

86

00:03:54,340 --> 00:04:17,850
[Music]

87
00:04:15,319 --> 00:04:19,769
joining me now on the line from

88
00:04:17,850 --> 00:04:23,090
Melbourne it's an interesting fellow

89
00:04:19,769 --> 00:04:28,470
folks it's a a combination between a

90
00:04:23,089 --> 00:04:32,519
Mentalist and a GP veeram sharma hello

91
00:04:28,470 --> 00:04:34,320
thank you for having me it's wonderful

92
00:04:32,519 --> 00:04:36,120
to catch up with you and I'm sorry we

93
00:04:34,319 --> 00:04:38,129
didn't get a chance to chat last year

94
00:04:36,120 --> 00:04:39,660
and skeptic on here in Sydney and this

95
00:04:38,129 --> 00:04:41,459
year we'll make amends for that you're

96
00:04:39,660 --> 00:04:43,289
coming up let's start off with that

97
00:04:41,459 --> 00:04:46,439
although you're a GP and we'll get to

98
00:04:43,288 --> 00:04:48,418
that soon you're I guess you're widely

99
00:04:46,439 --> 00:04:52,228
known in Australia as being a magician

100
00:04:48,418 --> 00:04:53,959

and especially a Mentalist why on earth

101

00:04:52,228 --> 00:04:57,000

did you get into that game

102

00:04:53,959 --> 00:04:59,609

well the way I got into magic was

103

00:04:57,000 --> 00:05:00,870

actually much later than most people I

104

00:04:59,610 --> 00:05:03,780

got into it in first year of medical

105

00:05:00,870 --> 00:05:07,319

school and I think we were away on some

106

00:05:03,779 --> 00:05:09,750

kind of rural visit and a fellow student

107

00:05:07,319 --> 00:05:11,399

just decided to pass the time show some

108

00:05:09,750 --> 00:05:13,978

card tricks and little did I know that

109

00:05:11,399 --> 00:05:17,579

time that this guy was incredibly

110

00:05:13,978 --> 00:05:20,550

skilled at sleight of hand and it was

111

00:05:17,579 --> 00:05:22,800

just one of those those moments in life

112

00:05:20,550 --> 00:05:26,069

that just changed the course of what you

113

00:05:22,800 --> 00:05:28,490

do yeah yeah I was just confronted with

114

00:05:26,069 --> 00:05:31,649

just the adverse elude impossibility of

115
00:05:28,490 --> 00:05:34,439
him doing these the absolute miracles

116
00:05:31,649 --> 00:05:35,879
were with the deck of cards and it just

117
00:05:34,439 --> 00:05:37,709
led me down this path of wanting to

118
00:05:35,879 --> 00:05:41,209
firstly just find out how the hell it

119
00:05:37,709 --> 00:05:43,948
was done that's really all it was um

120
00:05:41,209 --> 00:05:46,228
another way that I was annoyed by not

121
00:05:43,949 --> 00:05:49,110
knowing how it was done but I was just

122
00:05:46,228 --> 00:05:52,168
so incredibly astonished and so just led

123
00:05:49,110 --> 00:05:54,479
me down this path of discovering magic

124
00:05:52,168 --> 00:05:56,339
as a hobby and then ultimately kind of

125
00:05:54,478 --> 00:05:58,079
performing it and then I started to

126
00:05:56,339 --> 00:06:00,659
gravitate a bit towards mentalism

127
00:05:58,079 --> 00:06:02,370
because I think a lot of magicians go

128
00:06:00,660 --> 00:06:04,439
through this phase where when you're

129
00:06:02,370 --> 00:06:06,899
starting out you see a lot of magic and

130
00:06:04,439 --> 00:06:09,819
sure things can levitate and appear and

131
00:06:06,899 --> 00:06:12,519
disappear but there's this pretty

132
00:06:09,819 --> 00:06:14,980
a sub-genre of mentalism where people

133
00:06:12,519 --> 00:06:19,060
seem to have kind of powers of the mind

134
00:06:14,980 --> 00:06:20,950
which seems particularly impossible

135
00:06:19,060 --> 00:06:22,660
which doesn't make sense when you think

136
00:06:20,949 --> 00:06:25,149
about it because this shouldn't really

137
00:06:22,660 --> 00:06:26,590
be grades to impossibility there's some

138
00:06:25,149 --> 00:06:29,019
yeah but there's something about

139
00:06:26,589 --> 00:06:31,539
mentalism which is so incredibly

140
00:06:29,019 --> 00:06:33,000
persuasive that really drew me in and I

141
00:06:31,540 --> 00:06:35,920
started to learn a lot of the techniques

142
00:06:33,000 --> 00:06:39,970
and then I I really found that I enjoyed

143

00:06:35,920 --> 00:06:41,319
kind of performing it and for some

144
00:06:39,970 --> 00:06:44,680
reason the impact meant performing

145
00:06:41,319 --> 00:06:46,149
mentalism is doubled almost no matter

146
00:06:44,680 --> 00:06:48,100
who you're kind of performing for and so

147
00:06:46,149 --> 00:06:51,429
it's something I've done a lot of III

148
00:06:48,100 --> 00:06:53,379
agree I mean over the years I've come to

149
00:06:51,430 --> 00:06:55,900
understand and appreciate and learn a

150
00:06:53,379 --> 00:06:57,909
lot of magic and mentalism but there is

151
00:06:55,899 --> 00:06:59,789
something about mentalism it's a cut

152
00:06:57,910 --> 00:07:03,430
above I think it's it's a wonderful

153
00:06:59,790 --> 00:07:05,620
branch of the country arts and our good

154
00:07:03,430 --> 00:07:07,780
friend Lawrence lung is also a wonderful

155
00:07:05,620 --> 00:07:10,389
Mentalist he does he does a funny show

156
00:07:07,779 --> 00:07:12,459
too but when we think of magicians and

157
00:07:10,389 --> 00:07:15,099

mentalists we have to mention the

158

00:07:12,459 --> 00:07:18,189

amazing Randi James Randi who just

159

00:07:15,100 --> 00:07:21,930

turned 90 by the way I mean happy

160

00:07:18,189 --> 00:07:25,060

birthday James Randi indeed and I've

161

00:07:21,930 --> 00:07:29,230

been in his presence or many times but

162

00:07:25,060 --> 00:07:31,030

when he's does mentalism I mean he does

163

00:07:29,230 --> 00:07:33,400

sleight of hands he doesn't wonderful

164

00:07:31,029 --> 00:07:35,259

card tricks which floors everybody but

165

00:07:33,399 --> 00:07:36,819

then he he'll do a mentalism turn you

166

00:07:35,259 --> 00:07:38,560

know a book trick or a book reading or

167

00:07:36,819 --> 00:07:40,659

something like that and that's where

168

00:07:38,560 --> 00:07:43,629

people really gasped and I think that

169

00:07:40,660 --> 00:07:46,390

that's just a wonderful art form it

170

00:07:43,629 --> 00:07:49,839

really is and you know even before I

171

00:07:46,389 --> 00:07:52,019

started magic I realized I was I seen

172
00:07:49,839 --> 00:07:56,019
some feats of mental as minute past so

173
00:07:52,019 --> 00:07:57,699
as a kid at senior gala bend spoons and

174
00:07:56,019 --> 00:08:00,240
do he's maybe special and everything

175
00:07:57,699 --> 00:08:03,099
that's right and you're right to scoff

176
00:08:00,240 --> 00:08:06,000
yeah and as a I don't know how old I was

177
00:08:03,100 --> 00:08:08,830
maybe 9 or 10 or whatever like it was I

178
00:08:06,000 --> 00:08:10,000
mean it was just absolutely amazing and

179
00:08:08,829 --> 00:08:13,209
stunning and I couldn't understand why

180
00:08:10,000 --> 00:08:14,949
everyone wasn't exist with this wanting

181
00:08:13,209 --> 00:08:17,500
to find out exactly how this man has

182
00:08:14,949 --> 00:08:19,418
these amazing powers and then I think at

183
00:08:17,500 --> 00:08:22,240
at I did see James Randi maybe not a

184
00:08:19,418 --> 00:08:23,549
morning TV show just kind of demonstrate

185
00:08:22,240 --> 00:08:26,040
I think it was

186
00:08:23,550 --> 00:08:27,509
spoon bending but instead of with all

187
00:08:26,040 --> 00:08:30,420
the kind of theater he said look yeah

188
00:08:27,509 --> 00:08:31,469
here we go we'll just do it and I can

189
00:08:30,420 --> 00:08:34,529
tell you right now it's not done by

190
00:08:31,470 --> 00:08:36,300
magical powers and yeah 15 minutes of me

191
00:08:34,529 --> 00:08:38,610
just sitting there with this massive

192
00:08:36,299 --> 00:08:40,649
cognitive dissonance is going what what

193
00:08:38,610 --> 00:08:42,870
just happened how so clearly this isn't

194
00:08:40,649 --> 00:08:45,329
you know magic or mind powers so to

195
00:08:42,870 --> 00:08:47,129
speak and so I really owe a lot to James

196
00:08:45,330 --> 00:08:49,860
Randi in that way - yeah sowing the

197
00:08:47,129 --> 00:08:53,909
seeds of skepticism I think that

198
00:08:49,860 --> 00:08:55,769
probably they're probably affected my

199
00:08:53,909 --> 00:08:57,629
journey through magic all right well I

200

00:08:55,769 --> 00:09:00,539
mean this is a story we hear often of

201
00:08:57,629 --> 00:09:02,429
course and if you're listening mr. Andy

202
00:09:00,539 --> 00:09:04,409
is all around the world people have been

203
00:09:02,429 --> 00:09:06,449
inspired by you and will continue to be

204
00:09:04,409 --> 00:09:07,949
inspired by you Kosovo works and the

205
00:09:06,450 --> 00:09:10,080
writings and the videos and so on and

206
00:09:07,950 --> 00:09:12,360
speaking of videos I've had the chance

207
00:09:10,080 --> 00:09:14,790
to peruse YouTube and folks I'll put a

208
00:09:12,360 --> 00:09:17,279
link up on this week's show notes you

209
00:09:14,789 --> 00:09:19,409
are on you have been on many TV shows

210
00:09:17,279 --> 00:09:22,169
doing mentalism and magic but you were

211
00:09:19,409 --> 00:09:24,679
on Australia's Got Talent

212
00:09:22,169 --> 00:09:29,549
that must have been a crazy experience

213
00:09:24,679 --> 00:09:32,279
it really was oh man um it feels like a

214
00:09:29,549 --> 00:09:35,750

completely different lifetime just

215

00:09:32,279 --> 00:09:39,689

because the TV environment is so

216

00:09:35,750 --> 00:09:42,389

different to reality it's yeah yeah it

217

00:09:39,690 --> 00:09:45,840

was um the way kind of went down was so

218

00:09:42,389 --> 00:09:48,059

I perform either solo or as part of a

219

00:09:45,840 --> 00:09:51,180

trio with this group called gentlemen of

220

00:09:48,059 --> 00:09:53,750

deceit yeah we'd be doing our Melbourne

221

00:09:51,179 --> 00:09:56,579

Comedy Festival for several years and

222

00:09:53,750 --> 00:09:58,289

then Australia's Got Talent you know and

223

00:09:56,580 --> 00:10:00,030

in a matter has been kind of fell into

224

00:09:58,289 --> 00:10:01,860

our lap and we didn't really think it

225

00:10:00,029 --> 00:10:04,230

was going to go anywhere we we just were

226

00:10:01,860 --> 00:10:07,110

going to do our initial audition act and

227

00:10:04,230 --> 00:10:09,870

see how we go turns out that went really

228

00:10:07,110 --> 00:10:12,180

well the clip went viral and so we

229
00:10:09,870 --> 00:10:16,169
advanced to the the semi files and then

230
00:10:12,179 --> 00:10:18,389
the grand finals which was an absolutely

231
00:10:16,169 --> 00:10:21,569
amazing experience in terms of laying

232
00:10:18,389 --> 00:10:22,980
out via the the rail tracks as that as a

233
00:10:21,570 --> 00:10:25,379
trains kind of moving in front of you

234
00:10:22,980 --> 00:10:27,690
coming up with these new and new amazing

235
00:10:25,379 --> 00:10:30,740
and more and more impressive acts so it

236
00:10:27,690 --> 00:10:32,910
was it was a period of my life where I'd

237
00:10:30,740 --> 00:10:35,730
medicine really did take the backseat

238
00:10:32,909 --> 00:10:36,750
and for that whatever it was year 18

239
00:10:35,730 --> 00:10:40,139
months or still

240
00:10:36,750 --> 00:10:42,299
working in drips and drabs but yeah that

241
00:10:40,139 --> 00:10:43,889
was basically the life of a foreman

242
00:10:42,299 --> 00:10:46,189
trying to I guess build that part of my

243
00:10:43,889 --> 00:10:49,529
career wild wild time

244
00:10:46,190 --> 00:10:51,810
what a strange mix of professions really

245
00:10:49,529 --> 00:10:53,879
and and I enjoyed watching your other

246
00:10:51,809 --> 00:10:56,429
appearances on things like studio 10

247
00:10:53,879 --> 00:10:58,139
live the morning chat show were you

248
00:10:56,429 --> 00:11:00,359
doing wonderful little bits of mentalism

249
00:10:58,139 --> 00:11:02,490
and other magic tricks and yes you'll be

250
00:11:00,360 --> 00:11:07,019
appearing at skeptic on 2018 here in

251
00:11:02,490 --> 00:11:11,039
Sydney in October and I see your talk is

252
00:11:07,019 --> 00:11:13,559
entitled what doctors don't know what

253
00:11:11,039 --> 00:11:21,360
what what is it the doctors don't know

254
00:11:13,559 --> 00:11:22,769
um I hate to say but a lot it's it's

255
00:11:21,360 --> 00:11:24,029
obviously is you can sense the topic

256
00:11:22,769 --> 00:11:25,620
that's close to my heart but

257

00:11:24,029 --> 00:11:29,639
particularly the general practitioner

258
00:11:25,620 --> 00:11:32,250
the specialty of general practices you

259
00:11:29,639 --> 00:11:34,740
know the art of having no specialty so

260
00:11:32,250 --> 00:11:37,799
by definition of being a generalist you

261
00:11:34,740 --> 00:11:41,539
don't know and it's something I'm very

262
00:11:37,799 --> 00:11:43,859
now becoming increasingly familiar where

263
00:11:41,539 --> 00:11:46,529
comfortable being in a state of kind of

264
00:11:43,860 --> 00:11:48,350
not knowing but finding out but it's

265
00:11:46,529 --> 00:11:51,929
something that that's really struck me

266
00:11:48,350 --> 00:11:54,930
as it's very prescient when worth

267
00:11:51,929 --> 00:11:56,489
discussing I think we've hit that kind

268
00:11:54,929 --> 00:11:58,079
of inflection point in the curve in

269
00:11:56,490 --> 00:12:00,060
terms of people's expectations from

270
00:11:58,080 --> 00:12:02,129
doctors we've gone through that

271
00:12:00,059 --> 00:12:03,750

incredibly paternalistic period of the

272

00:12:02,129 --> 00:12:06,000

doctor knows best and doctors know

273

00:12:03,750 --> 00:12:08,700

because they've had the training etc -

274

00:12:06,000 --> 00:12:12,539

now everyone having in their pockets a

275

00:12:08,700 --> 00:12:15,720

device that in access just so much more

276

00:12:12,539 --> 00:12:16,829

information than a doctor could know and

277

00:12:15,720 --> 00:12:19,200

particularly when it comes to say

278

00:12:16,830 --> 00:12:23,730

something like general practice in terms

279

00:12:19,200 --> 00:12:26,100

of rare diseases our level of knowledge

280

00:12:23,730 --> 00:12:28,379

is quite limited our judgement actual

281

00:12:26,100 --> 00:12:29,490

ease might be very very good which is

282

00:12:28,379 --> 00:12:33,179

probably the more important relevant

283

00:12:29,490 --> 00:12:36,360

thing a lot of the time but it's it

284

00:12:33,179 --> 00:12:39,750

really made me think more deeply about

285

00:12:36,360 --> 00:12:41,399

what what not knowing as a doctor really

286

00:12:39,750 --> 00:12:43,740

is about so well I don't want to give

287

00:12:41,399 --> 00:12:45,509

too much away I'm gonna be touching on a

288

00:12:43,740 --> 00:12:49,230

few themes I'm going to be touching on

289

00:12:45,509 --> 00:12:50,700

the fact that that a lot of what doctors

290

00:12:49,230 --> 00:12:52,200

know

291

00:12:50,700 --> 00:12:54,360

how can become kind of out of date or

292

00:12:52,200 --> 00:12:55,890

wrong as time kind of goes on there's

293

00:12:54,360 --> 00:12:58,350

that famous quote we're all told when we

294

00:12:55,889 --> 00:13:00,330

go to first date date medical school

295

00:12:58,350 --> 00:13:02,060

which is that you know in five to ten

296

00:13:00,330 --> 00:13:04,800

years time after you finish your

297

00:13:02,059 --> 00:13:07,079

specialist training in half of what you

298

00:13:04,799 --> 00:13:09,000

know will be out of date the problem is

299

00:13:07,080 --> 00:13:10,800

we don't know which half and you know

300
00:13:09,000 --> 00:13:13,440
and things some things just chair to be

301
00:13:10,799 --> 00:13:16,109
going to flat out wrong so to speak so

302
00:13:13,440 --> 00:13:19,320
which is always very interesting there's

303
00:13:16,110 --> 00:13:22,620
also things I think about Health

304
00:13:19,320 --> 00:13:25,080
Sciences where perhaps there is an

305
00:13:22,620 --> 00:13:26,759
expectation quite a reasonable one for

306
00:13:25,080 --> 00:13:28,830
doctors to know what the right answer is

307
00:13:26,759 --> 00:13:31,080
well I think some of the times we might

308
00:13:28,830 --> 00:13:33,450
never actually know precisely what the

309
00:13:31,080 --> 00:13:36,780
right answer is the doctors may not know

310
00:13:33,450 --> 00:13:39,780
is good or bad for you and you know

311
00:13:36,779 --> 00:13:42,509
which diet is you know better for for

312
00:13:39,779 --> 00:13:47,429
longer living etc there's there's a lot

313
00:13:42,509 --> 00:13:49,950
of diet sciences is a really good area

314

00:13:47,429 --> 00:13:53,189
for demonstrating kind of limits of our

315
00:13:49,950 --> 00:13:55,140
knowledge sometimes and and how fats can

316
00:13:53,190 --> 00:13:57,090
can change you're so incredibly kind of

317
00:13:55,139 --> 00:13:57,840
rapidly so yeah those are the kind of

318
00:13:57,090 --> 00:13:59,850
things that I'm going to be touching

319
00:13:57,840 --> 00:14:01,800
upon in this talk wow that sounds

320
00:13:59,850 --> 00:14:03,269
fascinating folks if you're in Sydney I

321
00:14:01,799 --> 00:14:05,370
encourage you to come along to the

322
00:14:03,269 --> 00:14:07,710
conference anyway but if you can't make

323
00:14:05,370 --> 00:14:10,019
it or you're coming anyway why don't you

324
00:14:07,710 --> 00:14:11,940
have a chat to your local GP let them

325
00:14:10,019 --> 00:14:13,649
know this conference is on and we're

326
00:14:11,940 --> 00:14:15,390
going to have such fabulous speakers

327
00:14:13,649 --> 00:14:17,610
talking about these topics that might

328
00:14:15,389 --> 00:14:20,610

interest them very much I mean dr. Brad

329

00:14:17,610 --> 00:14:22,889

McCoy will also be there and we have

330

00:14:20,610 --> 00:14:24,570

other medical professionals come along

331

00:14:22,889 --> 00:14:26,159

as well it sounds like it's gonna be a

332

00:14:24,570 --> 00:14:30,860

great talk are you gonna do any

333

00:14:26,159 --> 00:14:34,319

mentalism along the way absolutely yeah

334

00:14:30,860 --> 00:14:35,970

I'm realizing increasingly in terms of

335

00:14:34,320 --> 00:14:38,310

my involvement in the skeptic circle I

336

00:14:35,970 --> 00:14:42,300

think I'm just I think people just want

337

00:14:38,309 --> 00:14:45,949

to see some good magic tricks I don't

338

00:14:42,299 --> 00:14:45,949

have any illusions about my priorities

339

00:14:46,070 --> 00:14:49,680

have their minds blown and I'm happy to

340

00:14:48,149 --> 00:14:51,689

do that but I always always look kind of

341

00:14:49,679 --> 00:14:53,759

like doing that in the context of the

342

00:14:51,690 --> 00:14:56,610

talk and so you know you look for

343
00:14:53,759 --> 00:15:00,000
example last year I I was talking about

344
00:14:56,610 --> 00:15:01,289
kind of the the limits of human beliefs

345
00:15:00,000 --> 00:15:04,620
and what it takes to kind of persuade

346
00:15:01,289 --> 00:15:06,959
people and I did a demonstration we

347
00:15:04,620 --> 00:15:09,060
voodoo doll which you know has its roots

348
00:15:06,960 --> 00:15:12,420
in a form of alternative medicine people

349
00:15:09,059 --> 00:15:14,699
thought it really had some sort of

350
00:15:12,419 --> 00:15:17,339
health benefits like a health

351
00:15:14,700 --> 00:15:20,040
methodology kind of behind it and I do

352
00:15:17,340 --> 00:15:22,080
this fairly kind of ludicrous and kind

353
00:15:20,039 --> 00:15:26,069
of comedic demonstration with a voodoo

354
00:15:22,080 --> 00:15:28,290
doll and yet no the the its effect so to

355
00:15:26,070 --> 00:15:30,330
speak it's it's magic ality is just so

356
00:15:28,289 --> 00:15:32,789
impossible and undeniable and it really

357
00:15:30,330 --> 00:15:34,170
makes Mike Sisco all you know what I'm

358
00:15:32,789 --> 00:15:36,779
telling you it's faking it so persuasive

359
00:15:34,169 --> 00:15:38,819
just imagine how persuasive it is when

360
00:15:36,779 --> 00:15:40,199
someone tells you it's real so I'll

361
00:15:38,820 --> 00:15:43,230
definitely find some way to crow

362
00:15:40,200 --> 00:15:45,090
Berenson don't worry about that well I

363
00:15:43,230 --> 00:15:47,909
said I certainly hope so now I'm looking

364
00:15:45,090 --> 00:15:50,370
forward to your talk very much the topic

365
00:15:47,909 --> 00:15:52,679
is absolutely fascinating it ties so

366
00:15:50,370 --> 00:15:55,289
well in with general skepticism and and

367
00:15:52,679 --> 00:15:56,879
mentalism to folks there's the clue

368
00:15:55,289 --> 00:15:58,799
there's the message and there's the word

369
00:15:56,879 --> 00:16:01,980
if you want to see a very interesting

370
00:15:58,799 --> 00:16:04,500
talk amongst many book your tickets now

371

00:16:01,980 --> 00:16:06,409
for the convention and we look very much

372
00:16:04,500 --> 00:16:09,509
forward to hearing the talk by dr.

373
00:16:06,409 --> 00:16:12,259
theorem Shama so for now theorem thank

374
00:16:09,509 --> 00:16:27,588
you very much thank you

375
00:16:12,259 --> 00:16:30,899
[Music]

376
00:16:27,589 --> 00:16:33,330
hi I'm Yvette Tantra ma aka Sai babe and

377
00:16:30,899 --> 00:16:36,480
I debunk bad science for a living this

378
00:16:33,330 --> 00:16:38,070
includes health nutrition and general BS

379
00:16:36,480 --> 00:16:39,750
on the internet and I'm looking forward

380
00:16:38,070 --> 00:16:55,980
to seeing you all at skeptic on on

381
00:16:39,750 --> 00:16:57,778
Australia this October now here's an

382
00:16:55,980 --> 00:17:00,570
update to a story we brought you some

383
00:16:57,778 --> 00:17:03,570
weeks ago about the naturopath currently

384
00:17:00,570 --> 00:17:05,900
serving a prison term for endangering

385
00:17:03,570 --> 00:17:08,400

the life of an eight month old baby

386

00:17:05,900 --> 00:17:10,559

this story comes to us from the

387

00:17:08,400 --> 00:17:13,709

Australian skeptics website skeptics

388

00:17:10,558 --> 00:17:16,709

kaamdar au published on the 3rd of

389

00:17:13,709 --> 00:17:19,289

August by Tim Mendham naturopath banned

390

00:17:16,709 --> 00:17:23,990

for life following baby's near-death

391

00:17:19,289 --> 00:17:28,109

[Music]

392

00:17:23,990 --> 00:17:30,450

Marilyn bandha and quote extreme diet in

393

00:17:28,109 --> 00:17:33,240

quote naturopath who was acquitted of

394

00:17:30,450 --> 00:17:35,700

manslaughter charges in 1987 when one of

395

00:17:33,240 --> 00:17:38,460

her clients starved themselves to death

396

00:17:35,700 --> 00:17:41,069

on a water only diet has now been banned

397

00:17:38,460 --> 00:17:43,740

for life from quote providing any health

398

00:17:41,069 --> 00:17:46,319

service in any capacity either paid or

399

00:17:43,740 --> 00:17:48,089

voluntary end quote the permanent

400
00:17:46,319 --> 00:17:50,250
prohibition order by the New South Wales

401
00:17:48,089 --> 00:17:52,769
health care Complaints Commission

402
00:17:50,250 --> 00:17:55,500
follows Bodnar's conviction in April

403
00:17:52,769 --> 00:17:58,829
with a 14 month jail sentence for

404
00:17:55,500 --> 00:17:59,460
advising in 2015 that the mother of an 8

405
00:17:58,829 --> 00:18:02,189
month

406
00:17:59,460 --> 00:18:04,350
infant to cease eating anything other

407
00:18:02,190 --> 00:18:07,440
than raw vegetables fruits and seeds to

408
00:18:04,349 --> 00:18:10,349
cure her babies sons eggs ma when the

409
00:18:07,440 --> 00:18:12,509
boy began a week-long bout of vomiting

410
00:18:10,349 --> 00:18:14,609
Bodnar apparently told the mother to

411
00:18:12,509 --> 00:18:17,069
feed him some goat's milk but the boy

412
00:18:14,609 --> 00:18:18,569
vomited up that as well Bodnar is

413
00:18:17,069 --> 00:18:21,450
alleged to have told the boy's mother

414
00:18:18,569 --> 00:18:24,359
that vomiting is good because it purged

415
00:18:21,450 --> 00:18:26,700
quote the toxins that cause eczema in

416
00:18:24,359 --> 00:18:27,869
quote the mother finally took the child

417
00:18:26,700 --> 00:18:30,690
to hospital where

418
00:18:27,869 --> 00:18:33,359
found he was only days away from death

419
00:18:30,690 --> 00:18:36,360
and may have suffered severe

420
00:18:33,359 --> 00:18:39,119
developmental issues Bodnar was

421
00:18:36,359 --> 00:18:40,889
sentenced to a minimum at months jail at

422
00:18:39,119 --> 00:18:42,899
this time they stopped the Australian

423
00:18:40,890 --> 00:18:45,300
vaccination network organization

424
00:18:42,900 --> 00:18:47,580
submitted a complaint to the healthcare

425
00:18:45,299 --> 00:18:49,700
Complaints Commission following Bodnar's

426
00:18:47,579 --> 00:18:53,149
promise during the sentencing hearing

427
00:18:49,700 --> 00:18:56,430
not to treat children in the future

428

00:18:53,150 --> 00:18:59,640
Ken MacLeod co-founder of SAV n said

429
00:18:56,430 --> 00:19:02,580
quote the H Triple C was probably going

430
00:18:59,640 --> 00:19:04,860
to investigate anyway and they had much

431
00:19:02,579 --> 00:19:07,589
help from the New South Wales police the

432
00:19:04,859 --> 00:19:09,839
prohibition order is a harrowing reading

433
00:19:07,589 --> 00:19:13,678
when it gets to the suffering of the

434
00:19:09,839 --> 00:19:16,409
poor child so be warned and quote but he

435
00:19:13,679 --> 00:19:18,929
asks why the H Triple C did not impose a

436
00:19:16,410 --> 00:19:21,150
prohibition order after the first death

437
00:19:18,929 --> 00:19:23,400
quote the Commission is to be

438
00:19:21,150 --> 00:19:25,769
congratulated here for their response to

439
00:19:23,400 --> 00:19:28,200
the danger to the health and safety of

440
00:19:25,769 --> 00:19:30,450
the New South Wales public but we wonder

441
00:19:28,200 --> 00:19:33,539
why it takes the near death of a child

442
00:19:30,450 --> 00:19:36,269

to initiate action there are thousands

443

00:19:33,539 --> 00:19:38,789
of life threatening cranks treating the

444

00:19:36,269 --> 00:19:41,039
gullible all over Australia and very

445

00:19:38,789 --> 00:19:43,619
fewer challenged by the health safety

446

00:19:41,039 --> 00:19:45,690
investigators actually we do know why

447

00:19:43,619 --> 00:19:47,969
health investigators such as the H

448

00:19:45,690 --> 00:19:50,130
Triple C are starved of resources and

449

00:19:47,970 --> 00:19:57,150
finance so if you want this to change

450

00:19:50,130 --> 00:19:59,070
see your MP and quote the full report

451

00:19:57,150 --> 00:20:01,230
from a cloud will appear in this

452

00:19:59,069 --> 00:20:03,149
September issue of the skeptic magazine

453

00:20:01,230 --> 00:20:05,670
The Journal from Australian skeptics

454

00:20:03,150 --> 00:20:08,309
that report comes to us from Tim Mendham

455

00:20:05,670 --> 00:20:10,550
published on the 3rd of August 2018 and

456

00:20:08,308 --> 00:20:13,740
you can read that at skeptics calm

457
00:20:10,549 --> 00:20:15,808
dot-eu and as ever we will bring you up

458
00:20:13,740 --> 00:20:17,009
to date with any further developments on

459
00:20:15,808 --> 00:20:25,139
this story

460
00:20:17,009 --> 00:20:25,140
[Music]

461
00:20:30,670 --> 00:20:35,240
hey svenska skeptical the vet vet at

462
00:20:33,890 --> 00:20:37,880
veteran scope for billing in the

463
00:20:35,240 --> 00:20:40,730
bathroom hangar of the sceptic zone as

464
00:20:37,880 --> 00:20:43,460
an ox or a fearful dog pop science quiz

465
00:20:40,730 --> 00:20:46,039
or skeptical Kevin Thomas Valley Quinn

466
00:20:43,460 --> 00:20:48,559
pave very primitive often TSA thought

467
00:20:46,039 --> 00:20:51,139
spawning vuvuzela kallu call for any

468
00:20:48,559 --> 00:20:52,669
hunter Malanda tagong warmly Bruins

469
00:20:51,140 --> 00:20:55,580
thought that on the thinnest non-local

470
00:20:52,670 --> 00:20:59,960
training boffin to start time 12 your

471
00:20:55,579 --> 00:21:02,480
pata made a ilmu hello all skeptics in

472
00:20:59,960 --> 00:21:04,819
Sweden I'm sure you already know that

473
00:21:02,480 --> 00:21:06,799
the Swedish skeptics Association not

474
00:21:04,819 --> 00:21:09,470
only is a big fan of the skeptic zone

475
00:21:06,799 --> 00:21:11,599
but that we also organize lectures pop

476
00:21:09,470 --> 00:21:18,289
science quiz and skeptics in the pub all

477
00:21:11,599 --> 00:21:20,389
over the country go to WWE UFC to see

478
00:21:18,289 --> 00:21:22,609
what our seven local chapters are up to

479
00:21:20,390 --> 00:21:24,980
and if you live in a place where there

480
00:21:22,609 --> 00:21:25,609
is no local chapter why not stop on

481
00:21:24,980 --> 00:21:29,890
yourself

482
00:21:25,609 --> 00:21:29,889
I'm talking to you leo

483
00:21:35,900 --> 00:21:47,640
here's Maynard spooky action at the

484
00:21:41,069 --> 00:21:48,928
distance hey everybody everyone's pretty

485

00:21:47,640 --> 00:21:51,480
excited here I'm in a room full of

486
00:21:48,929 --> 00:21:53,610
excited people at Pierce training museum

487
00:21:51,480 --> 00:21:55,349
because it's science week all over the

488
00:21:53,609 --> 00:21:56,789
world and it's even Science Week locally

489
00:21:55,349 --> 00:21:57,869
here as well in fact there's finger food

490
00:21:56,789 --> 00:22:00,690
going around thank you

491
00:21:57,869 --> 00:22:01,829
how's the finger food been going it's

492
00:22:00,690 --> 00:22:03,690
going great

493
00:22:01,829 --> 00:22:06,449
thank you yep see everyone's excited

494
00:22:03,690 --> 00:22:08,640
about finger food sorry my mouth is full

495
00:22:06,450 --> 00:22:10,259
of finger food yeah people that tend to

496
00:22:08,640 --> 00:22:12,740
not get so excited about elbow food

497
00:22:10,259 --> 00:22:16,200
elbow food just doesn't work at a party

498
00:22:12,740 --> 00:22:18,000
as I look around the room I see dozens

499
00:22:16,200 --> 00:22:20,190

and dozens of people that have been

500

00:22:18,000 --> 00:22:21,480

university longer than me and as we know

501

00:22:20,190 --> 00:22:23,070

I was just there for the day and it was

502

00:22:21,480 --> 00:22:25,349

mainly at the bar at Newcastle

503

00:22:23,069 --> 00:22:27,359

but science week too big deal this is

504

00:22:25,349 --> 00:22:29,909

where we try and get a bit of attention

505

00:22:27,359 --> 00:22:30,959

to science and go oh well hang on who

506

00:22:29,910 --> 00:22:32,370

some people know what they're talking

507

00:22:30,960 --> 00:22:34,620

about these are these so-called experts

508

00:22:32,369 --> 00:22:37,109

give them a bit of respect and see how

509

00:22:34,619 --> 00:22:38,279

it goes and as you know every science

510

00:22:37,109 --> 00:22:39,869

week I try and bring a little bit of

511

00:22:38,279 --> 00:22:42,349

something of myself that I only

512

00:22:39,869 --> 00:22:45,529

partially know into the conversation and

513

00:22:42,349 --> 00:22:49,139

tonight yes the word is epigenetics

514
00:22:45,529 --> 00:22:50,549
Richard epigenetics is that like in

515
00:22:49,140 --> 00:22:52,110
Scrabble you get a lot of points for

516
00:22:50,549 --> 00:22:54,000
that word I guess that's right

517
00:22:52,109 --> 00:22:55,409
epigenetics and it's not to be confused

518
00:22:54,000 --> 00:22:56,789
with the pin you give to people if

519
00:22:55,410 --> 00:23:00,840
they've got analogy nothing to do that

520
00:22:56,789 --> 00:23:03,750
either epigenetics is a inheritable

521
00:23:00,839 --> 00:23:06,750
trait that is not involved with changing

522
00:23:03,750 --> 00:23:09,450
the DNA sequence so it's a whether the

523
00:23:06,750 --> 00:23:11,819
DNA expresses itself or not oh dear

524
00:23:09,450 --> 00:23:13,289
there's someone singing you know you

525
00:23:11,819 --> 00:23:14,428
know when you go to a pub and then you

526
00:23:13,289 --> 00:23:17,308
have your really good time and then

527
00:23:14,429 --> 00:23:20,370
someone starts singing on a no just

528
00:23:17,308 --> 00:23:21,869
someone singing it's you know

529
00:23:20,369 --> 00:23:24,369
[Music]

530
00:23:21,869 --> 00:23:26,939
well there goes the conversation well

531
00:23:24,369 --> 00:23:29,319
particularly is that well I mean

532
00:23:26,940 --> 00:23:30,880
everyone knows that scientists are hot

533
00:23:29,319 --> 00:23:33,369
for the track easy like Sunday morning

534
00:23:30,880 --> 00:23:35,230
that is the track every everyone just

535
00:23:33,369 --> 00:23:37,329
loves that Lionel Lionel Richie I mean

536
00:23:35,230 --> 00:23:39,099
well you know it's not really a launch

537
00:23:37,329 --> 00:23:43,000
of anything unless some Lionel Richie's

538
00:23:39,099 --> 00:23:45,369
playing and if besides the scientists

539
00:23:43,000 --> 00:23:47,980
may finally hit decide may answer that

540
00:23:45,369 --> 00:23:50,199
question what is as easy as Sunday

541
00:23:47,980 --> 00:23:51,819
morning it's a bit like pi really no

542

00:23:50,200 --> 00:23:53,558
one's actually quite got all the digits

543
00:23:51,819 --> 00:23:55,089
worked out just how easy is Sunday

544
00:23:53,558 --> 00:23:56,529
morning Sunday mornings aren't easy

545
00:23:55,089 --> 00:23:58,209
because that's what I'm doing the

546
00:23:56,529 --> 00:24:00,069
finishing touch and touches to the

547
00:23:58,210 --> 00:24:01,779
skeptical zone not to say there you go you

548
00:24:00,069 --> 00:24:04,029
could be the exception of proves the

549
00:24:01,779 --> 00:24:05,619
rule so but I will be asking people that

550
00:24:04,029 --> 00:24:07,149
but yes epigenetics is what we're going

551
00:24:05,619 --> 00:24:08,678
to be talking about let's just see if

552
00:24:07,150 --> 00:24:10,890
this is a real thing or something I just

553
00:24:08,679 --> 00:24:12,940
read in the paper and thought was a real

554
00:24:10,890 --> 00:24:14,860
look around the room I can see we've got

555
00:24:12,940 --> 00:24:17,140
dr. Jody Rowley who is the Frog

556
00:24:14,859 --> 00:24:18,069

specialist here from the Australian ISM

557

00:24:17,140 --> 00:24:19,659
with dr. Karl

558

00:24:18,069 --> 00:24:21,548
dr. Karl's there I saw him with a

559

00:24:19,659 --> 00:24:22,539
Buddhist monk on Instagram to save the

560

00:24:21,548 --> 00:24:25,658
day he's worth following on Instagram

561

00:24:22,538 --> 00:24:26,890
dr. Karl and I looked a lot of people

562

00:24:25,659 --> 00:24:28,510
the drinks are holding out it's always

563

00:24:26,890 --> 00:24:29,559
the strength of an evening as to how

564

00:24:28,509 --> 00:24:31,450
long the drinks hold out for the

565

00:24:29,558 --> 00:24:33,220
catering Richard is know it is and the

566

00:24:31,450 --> 00:24:34,890
drinks are truly holding up but we are

567

00:24:33,220 --> 00:24:37,538
in a room here at the Australian Museum

568

00:24:34,890 --> 00:24:40,390
filled to the brim with scientists it's

569

00:24:37,538 --> 00:24:42,519
an an incredible sight it really is yep

570

00:24:40,390 --> 00:24:43,600
hello now we're talking now we're

571
00:24:42,519 --> 00:24:46,629
talking a little bit of my wheelhouse

572
00:24:43,599 --> 00:24:48,788
here who've we got here hi Chloe and

573
00:24:46,630 --> 00:24:50,230
you've been looking at the relationship

574
00:24:48,788 --> 00:24:52,569
between comedy and science is that

575
00:24:50,230 --> 00:24:54,730
because you can do both attempt to do

576
00:24:52,569 --> 00:24:56,319
both and achieve neither but yeah I'm a

577
00:24:54,730 --> 00:24:59,710
science communicator and comedian doing

578
00:24:56,319 --> 00:25:01,450
a show at the Science Festival so what

579
00:24:59,710 --> 00:25:02,890
do you what routine you what area of

580
00:25:01,450 --> 00:25:04,509
science are you working with I imagine

581
00:25:02,890 --> 00:25:06,100
psychology to be a good one it would be

582
00:25:04,509 --> 00:25:07,509
a good one and not so much I'm actually

583
00:25:06,099 --> 00:25:10,209
doing a show on pair it's called

584
00:25:07,509 --> 00:25:12,429
parasites lost it's all about the

585
00:25:10,210 --> 00:25:13,808
parasites that I've contracted during my

586
00:25:12,429 --> 00:25:14,200
work in health education around the

587
00:25:13,808 --> 00:25:16,269
world

588
00:25:14,200 --> 00:25:17,679
oh so it's based on personal experience

589
00:25:16,269 --> 00:25:19,720
it's based on personal experience

590
00:25:17,679 --> 00:25:21,759
there's every good comedy show can

591
00:25:19,720 --> 00:25:23,319
should and should be exactly you

592
00:25:21,759 --> 00:25:25,119
basically you take it and you inflate it

593
00:25:23,319 --> 00:25:26,678
a little bit now what is the best part

594
00:25:25,119 --> 00:25:28,178
of the routine because also one thing

595
00:25:26,679 --> 00:25:28,540
you should always do and for the

596
00:25:28,179 --> 00:25:30,070
listener

597
00:25:28,539 --> 00:25:32,319
home when you're interviewing a comic

598
00:25:30,069 --> 00:25:33,819
never ever ask them to do a piece of

599

00:25:32,319 --> 00:25:35,710
their routine because it's designed to

600
00:25:33,819 --> 00:25:37,689
be performed in front of an audience not

601
00:25:35,710 --> 00:25:39,220
to a microphone with no audience so

602
00:25:37,690 --> 00:25:41,259
we're not going to ask for any of the

603
00:25:39,220 --> 00:25:43,240
actual routine what we do is we ask

604
00:25:41,259 --> 00:25:46,269
about what parts of the routine do you

605
00:25:43,240 --> 00:25:48,579
like I'll tell you that my favorite

606
00:25:46,269 --> 00:25:50,589
Billy the entire show is after the show

607
00:25:48,579 --> 00:25:52,449
every single time I've done the show

608
00:25:50,589 --> 00:25:54,609
I've had people with their own personal

609
00:25:52,450 --> 00:25:56,980
parasite experiences who come up and

610
00:25:54,609 --> 00:25:59,019
tell me about it and there's one

611
00:25:56,980 --> 00:26:02,140
particular parasite that I contracted

612
00:25:59,019 --> 00:26:03,789
called blastocyst as hominis which I met

613
00:26:02,140 --> 00:26:06,220

maybe nine people throughout the run of

614

00:26:03,789 --> 00:26:07,569

my show who also had it and can't get

615

00:26:06,220 --> 00:26:08,890

rid of it so there kind of comes when I

616

00:26:07,569 --> 00:26:11,139

show me like how did you get rid of it

617

00:26:08,890 --> 00:26:12,700

and I have no answers for them but I

618

00:26:11,140 --> 00:26:14,320

have connected them to other people with

619

00:26:12,700 --> 00:26:15,670

the same parasite so I can continue have

620

00:26:14,319 --> 00:26:17,349

people coming up to you and showing you

621

00:26:15,670 --> 00:26:19,990

their rash and going what I reckon this

622

00:26:17,349 --> 00:26:22,000

is like have you read this one it's only

623

00:26:19,990 --> 00:26:23,019

being stories so far but I'm sure the

624

00:26:22,000 --> 00:26:25,299

rash is yet to come

625

00:26:23,019 --> 00:26:27,879

so how did you get these were you ad in

626

00:26:25,299 --> 00:26:29,259

the field yeah I was working in I've

627

00:26:27,880 --> 00:26:32,500

been working around the world in Uganda

628
00:26:29,259 --> 00:26:34,480
in Kenya and Cambodia and East Timor in

629
00:26:32,500 --> 00:26:37,150
health education so I'm very bad at my

630
00:26:34,480 --> 00:26:39,759
job essentially so what is your advice

631
00:26:37,150 --> 00:26:41,380
for people who maybe go to Bali and have

632
00:26:39,759 --> 00:26:42,849
a bit of barley belly because that would

633
00:26:41,380 --> 00:26:44,860
be just a dream for you that would be an

634
00:26:42,849 --> 00:26:45,759
easy thing to solve well what's the best

635
00:26:44,859 --> 00:26:47,949
thing to do is there something you

636
00:26:45,759 --> 00:26:49,599
should take rest and fluids like like

637
00:26:47,950 --> 00:26:51,039
most things most things will work their

638
00:26:49,599 --> 00:26:53,469
way through your system in three to five

639
00:26:51,039 --> 00:26:54,430
days but if it persists the longer than

640
00:26:53,470 --> 00:26:56,110
that you should see a doctor

641
00:26:54,430 --> 00:26:57,880
look I had something happen in Bali and

642
00:26:56,109 --> 00:26:59,709
I suspect I got it from I think it's a

643
00:26:57,880 --> 00:27:01,090
George the great gorilla that's in the

644
00:26:59,710 --> 00:27:03,220
cage there because he threw a banana

645
00:27:01,089 --> 00:27:04,509
peel it mean he's loved it all over and

646
00:27:03,220 --> 00:27:06,339
I picked it up and threw it back at the

647
00:27:04,509 --> 00:27:07,960
gorilla and I think I might have got

648
00:27:06,339 --> 00:27:11,109
some of that gorilla slobbery into me

649
00:27:07,960 --> 00:27:13,299
because I was really ill for five or six

650
00:27:11,109 --> 00:27:16,629
days this Indonesian doctor came and

651
00:27:13,299 --> 00:27:18,009
gave me these big size horse pills and I

652
00:27:16,630 --> 00:27:19,360
kept the box and brought them back to

653
00:27:18,009 --> 00:27:21,730
Australia to people who could speak

654
00:27:19,359 --> 00:27:23,829
Indonesian and read Indonesian they have

655
00:27:21,730 --> 00:27:25,240
no idea what those tablets were I can

656

00:27:23,829 --> 00:27:26,799
only assume that they're very powerful

657
00:27:25,240 --> 00:27:28,980
antibiotics that are illegal even in the

658
00:27:26,799 --> 00:27:30,990
Eastern Bloc

659
00:27:28,980 --> 00:27:32,429
hands-on all sorts of things in

660
00:27:30,990 --> 00:27:34,440
developing country you can get efferent

661
00:27:32,429 --> 00:27:36,659
and you can get straight Eliza's all

662
00:27:34,440 --> 00:27:38,820
sorts of things over-the-counter yeah so

663
00:27:36,659 --> 00:27:41,340
well that's why you do it obviously yeah

664
00:27:38,819 --> 00:27:43,019
I mean there's a lot of logic in getting

665
00:27:41,339 --> 00:27:45,599
treated for an illness in the place that

666
00:27:43,019 --> 00:27:47,609
you contract the illness so when I got

667
00:27:45,599 --> 00:27:48,990
malaria and you get a half my family was

668
00:27:47,609 --> 00:27:51,509
like get on a plane come home straight

669
00:27:48,990 --> 00:27:52,769
away but it would have been a chaos to

670
00:27:51,509 --> 00:27:54,329

actually get treated for malaria in

671

00:27:52,769 --> 00:27:56,638

Australia because doctors don't have

672

00:27:54,329 --> 00:27:57,269

experience treating it so if you can

673

00:27:56,638 --> 00:27:58,798

check something

674

00:27:57,269 --> 00:28:00,269

infectious it's good to get treated for

675

00:27:58,798 --> 00:28:01,500

it in the area where you can tract it

676

00:28:00,269 --> 00:28:03,149

and after that goes have you had any

677

00:28:01,500 --> 00:28:04,169

ongoing symptoms from malaria because

678

00:28:03,148 --> 00:28:04,558

that can hang around for a very long

679

00:28:04,169 --> 00:28:06,720

time

680

00:28:04,558 --> 00:28:09,599

it used to there was one strain of

681

00:28:06,720 --> 00:28:11,370

malaria called Plasmodium vivax that

682

00:28:09,599 --> 00:28:12,990

used to not be treatable but it's

683

00:28:11,369 --> 00:28:14,308

treatable now so there's there's much

684

00:28:12,990 --> 00:28:16,620

better treatments familiar than they

685
00:28:14,308 --> 00:28:18,720
used to me all right hold this oh good

686
00:28:16,619 --> 00:28:20,278
where can we find you online to have a

687
00:28:18,720 --> 00:28:21,569
look at some of your routine and steal

688
00:28:20,278 --> 00:28:24,659
it and take it down the pub and do it on

689
00:28:21,569 --> 00:28:26,369
ever tonight well you can't if you want

690
00:28:24,659 --> 00:28:27,960
to come and see the show you can check

691
00:28:26,369 --> 00:28:30,658
out the Sydney Science Festival website

692
00:28:27,960 --> 00:28:34,048
and type in parasites lost and I'm at

693
00:28:30,659 --> 00:28:35,519
their UNSW Museum of human disease on

694
00:28:34,048 --> 00:28:37,200
the 9th and 10th and then the factory

695
00:28:35,519 --> 00:28:38,759
theatre the 11th on 12th of August and

696
00:28:37,200 --> 00:28:40,620
how difficult is it actually a

697
00:28:38,759 --> 00:28:43,169
family-friendly show it is a

698
00:28:40,619 --> 00:28:45,658
family-friendly show the only blue

699
00:28:43,169 --> 00:28:47,639
subjects talking about the the secret

700
00:28:45,659 --> 00:28:49,380
sex life of parasites as long as you're

701
00:28:47,638 --> 00:28:51,658
okay which I think all children should

702
00:28:49,380 --> 00:28:53,220
learn about at some point anyway so yes

703
00:28:51,659 --> 00:28:54,750
I think this is great I really like the

704
00:28:53,220 --> 00:28:55,980
idea that you're doing routines about

705
00:28:54,750 --> 00:28:57,750
your work it's great you think you've

706
00:28:55,980 --> 00:29:00,360
got a few more routines in there maybe

707
00:28:57,750 --> 00:29:02,220
maybe over this this year I did a show

708
00:29:00,359 --> 00:29:04,469
about my bees I'm also a beekeeper so

709
00:29:02,220 --> 00:29:07,350
it's called days of our hives oh wow

710
00:29:04,470 --> 00:29:10,409
right fantastic all over the shop so who

711
00:29:07,349 --> 00:29:12,509
do you blame for the declining bee

712
00:29:10,409 --> 00:29:14,820
population is it a pesticide thing or

713

00:29:12,509 --> 00:29:16,408
are they just confused by us well these

714
00:29:14,819 --> 00:29:18,119
are actually increasing in population in

715
00:29:16,409 --> 00:29:20,730
Australia we're very very lucky

716
00:29:18,119 --> 00:29:22,408
but it's the varroa mite is this tiny

717
00:29:20,730 --> 00:29:23,849
little parasite that actually gets onto

718
00:29:22,409 --> 00:29:25,049
the back of bees and then gets spread

719
00:29:23,849 --> 00:29:27,389
around but we're really lucky in

720
00:29:25,048 --> 00:29:29,519
Australia but we haven't actually let

721
00:29:27,390 --> 00:29:30,870
that parasite into the country yet so

722
00:29:29,519 --> 00:29:32,429
that's it I thought there was a bit of a

723
00:29:30,869 --> 00:29:34,019
pesticide issue there as well here is

724
00:29:32,429 --> 00:29:36,269
there's pesticides yeah there's there's

725
00:29:34,019 --> 00:29:38,548
no mystery about it neonicotinoids which

726
00:29:36,269 --> 00:29:40,619
he used for canola and others actually

727
00:29:38,548 --> 00:29:42,210

kill kill a lot and it's banned or

728

00:29:40,619 --> 00:29:44,969

through the EU but we still use it for a

729

00:29:42,210 --> 00:29:46,169

canola farms in Australia Wow so don't

730

00:29:44,970 --> 00:29:48,509

bring these into the country people

731

00:29:46,169 --> 00:29:50,130

we've got just nice ones here exactly

732

00:29:48,509 --> 00:29:52,079

we're very lucky to be in Ireland and

733

00:29:50,130 --> 00:29:53,460

somewhere he's lovely talking to you and

734

00:29:52,079 --> 00:29:56,000

see you online see you then

735

00:29:53,460 --> 00:29:56,000

parasites

736

00:29:57,329 --> 00:30:01,319

okay yeah because wandering around here

737

00:29:59,220 --> 00:30:02,700

we've been lucky enough to bump into dr.

738

00:30:01,319 --> 00:30:04,349

Karl we're just going to go to a quiet

739

00:30:02,700 --> 00:30:06,028

area here which is just behind the

740

00:30:04,349 --> 00:30:08,638

screens it's still pretty noisy but dr.

741

00:30:06,028 --> 00:30:09,898

Karl good to good to bump into dr. Karl

742
00:30:08,638 --> 00:30:15,148
how many science weeks do you think

743
00:30:09,898 --> 00:30:18,118
you've been to now probably 20 or so Wow

744
00:30:15,148 --> 00:30:19,439
since the very early days I think I like

745
00:30:18,118 --> 00:30:21,269
about science week is it lasts for about

746
00:30:19,440 --> 00:30:22,950
one and a half weeks or three weeks or a

747
00:30:21,269 --> 00:30:24,599
month or something there's a lot of fun

748
00:30:22,950 --> 00:30:26,129
that is true and I saw you on your

749
00:30:24,599 --> 00:30:27,808
Instagram account and I recommend people

750
00:30:26,128 --> 00:30:28,888
follow dr. Karl on Instagram account

751
00:30:27,808 --> 00:30:30,720
because you were giving a water bottle

752
00:30:28,888 --> 00:30:32,969
to a Buddhist monk it looked like well

753
00:30:30,720 --> 00:30:35,069
I've spent the last month in Mongolia

754
00:30:32,970 --> 00:30:38,669
and Tibet and this amazing because

755
00:30:35,069 --> 00:30:40,470
firstly in Mongolia or babies are ugly

756
00:30:38,669 --> 00:30:42,210
you're not allowed to say that a baby is

757
00:30:40,470 --> 00:30:44,129
pretty because firstly that will

758
00:30:42,210 --> 00:30:46,319
encourage the evil spirits to come and

759
00:30:44,128 --> 00:30:49,138
steal it and secondly it's an insult to

760
00:30:46,319 --> 00:30:51,569
the parents because it's easy to love a

761
00:30:49,138 --> 00:30:54,028
pretty baby that it shows the true mark

762
00:30:51,569 --> 00:30:56,489
of a parent's love if they love an ugly

763
00:30:54,028 --> 00:30:58,669
baby and sigelei there's no such thing

764
00:30:56,489 --> 00:31:00,899
as Mongolian lamb into bed in Mongolia

765
00:30:58,669 --> 00:31:02,549
well we've had the speeches about the

766
00:31:00,898 --> 00:31:04,138
politicians we're the sponsors come out

767
00:31:02,548 --> 00:31:05,429
and say their thing which is important

768
00:31:04,138 --> 00:31:07,349
it's what goes on at these kind of

769
00:31:05,429 --> 00:31:09,149
things Carla did you like giving

770

00:31:07,349 --> 00:31:10,408
speeches structured speeches when you

771
00:31:09,148 --> 00:31:13,439
have to do this sort of thing sometimes

772
00:31:10,409 --> 00:31:15,809
the advantage of a structured speech is

773
00:31:13,440 --> 00:31:18,600
that you can say exactly what you really

774
00:31:15,808 --> 00:31:21,509
want to say in the right order with the

775
00:31:18,599 --> 00:31:23,398
right timing and the right cadence so of

776
00:31:21,509 --> 00:31:25,919
all the spontaneous speeches the

777
00:31:23,398 --> 00:31:27,268
prepared ones are the best thanks girl

778
00:31:25,919 --> 00:31:29,100
now you were saying you I've been

779
00:31:27,269 --> 00:31:31,079
through now I've just been reading a lot

780
00:31:29,099 --> 00:31:32,488
about Manchuria and how it changed hands

781
00:31:31,079 --> 00:31:33,928
with the Japanese and the Soviets and

782
00:31:32,489 --> 00:31:35,519
that kind of thing but it's not where

783
00:31:33,929 --> 00:31:37,320
you were you a bit more to the right of

784
00:31:35,519 --> 00:31:39,599

that area here we were up in genuine

785

00:31:37,319 --> 00:31:43,019

Mongolia and the amazing thing is that

786

00:31:39,599 --> 00:31:45,689

the Mongolians invaded the world not

787

00:31:43,019 --> 00:31:48,269

once not twice but three times heard of

788

00:31:45,690 --> 00:31:52,109

Attila the Hun oh yeah he got to Germany

789

00:31:48,269 --> 00:31:54,450

he was a Mongolian right and the genghis

790

00:31:52,108 --> 00:31:57,028

khan now announced jenga's or genghis

791

00:31:54,450 --> 00:31:58,470

chingus jingis i was just speaking for

792

00:31:57,028 --> 00:31:59,548

the australian audits but Chingiz so

793

00:31:58,470 --> 00:32:02,059

where's his term then mate you should

794

00:31:59,548 --> 00:32:05,000

know where's he's - nobody knows

795

00:32:02,059 --> 00:32:07,669

deliberately when he died he

796

00:32:05,000 --> 00:32:10,190

specifically asked that he be buried

797

00:32:07,670 --> 00:32:13,190

where nobody would ever find him because

798

00:32:10,190 --> 00:32:17,150

he wanted his legacy to be not him or

799

00:32:13,190 --> 00:32:19,730

his tomb but rather the nation that he

800

00:32:17,150 --> 00:32:21,350

left behind and so the Mongolians who

801

00:32:19,730 --> 00:32:22,610

buried him then killed everybody they

802

00:32:21,349 --> 00:32:24,649

came across so there'd be no

803

00:32:22,609 --> 00:32:27,859

recollection and nobody would ever tell

804

00:32:24,650 --> 00:32:30,500

the story so he's gone and he built an

805

00:32:27,859 --> 00:32:32,419

empire that was twice the size of

806

00:32:30,500 --> 00:32:34,910

Alexander the Great's four times the

807

00:32:32,420 --> 00:32:36,350

size of the Roman Empire and they

808

00:32:34,910 --> 00:32:40,250

reached all the way across to the

809

00:32:36,349 --> 00:32:43,369

village of crucial Natsuki in somewhere

810

00:32:40,250 --> 00:32:46,730

between Warsaw and Kiev and as a result

811

00:32:43,369 --> 00:32:49,939

I like eight percent of all Asian men

812

00:32:46,730 --> 00:32:51,980

have Chinggis Khaan DNA that's pretty

813
00:32:49,940 --> 00:32:53,420
hot now were they big on science

814
00:32:51,980 --> 00:32:56,299
development but or were they just sort

815
00:32:53,420 --> 00:32:58,970
of agrarian people with horses the

816
00:32:56,299 --> 00:33:02,839
latter but with a good news a good

817
00:32:58,970 --> 00:33:05,210
knowledge of psychology and as I said

818
00:33:02,839 --> 00:33:07,250
they killed nine one not one in every

819
00:33:05,210 --> 00:33:10,400
nine people on earth to build that huge

820
00:33:07,250 --> 00:33:12,769
empire but he also did good things like

821
00:33:10,400 --> 00:33:16,160
he banned I'm sorry to say yeah he

822
00:33:12,769 --> 00:33:17,809
banned kidnapping of brides because his

823
00:33:16,160 --> 00:33:20,509
own bride was kidnapped when he was 16

824
00:33:17,809 --> 00:33:23,240
and this led to division in the country

825
00:33:20,509 --> 00:33:24,980
he brought in the first postal service

826
00:33:23,240 --> 00:33:26,870
that went all the way across the

827

00:33:24,980 --> 00:33:29,420
Mongolian Empire he brought in the

828
00:33:26,869 --> 00:33:32,899
concept that representatives of other

829
00:33:29,420 --> 00:33:35,420
countries should be protected and it's

830
00:33:32,900 --> 00:33:38,030
called sometimes Mongolian law that an

831
00:33:35,420 --> 00:33:39,830
ambassador from another country is free

832
00:33:38,029 --> 00:33:41,779
of the laws of the country that he or

833
00:33:39,829 --> 00:33:43,849
she happens to be in diplomatic immunity

834
00:33:41,779 --> 00:33:48,619
yeah and he also brought in the world's

835
00:33:43,849 --> 00:33:51,500
first trade a free zone where there were

836
00:33:48,619 --> 00:33:53,869
no duties paid within a trade empire so

837
00:33:51,500 --> 00:33:55,910
he did bad things sure and he did good

838
00:33:53,869 --> 00:33:57,859
things sure

839
00:33:55,910 --> 00:34:00,769
and it was powered this is amazing thing

840
00:33:57,859 --> 00:34:02,929
for me by grass so you directly go

841
00:34:00,769 --> 00:34:05,119

across Mongolia and there's just grass

842

00:34:02,930 --> 00:34:08,510

everywhere and the grass got eaten by

843

00:34:05,119 --> 00:34:10,549

the ungulates the animals with four

844

00:34:08,510 --> 00:34:12,650

stomachs a bunch of stomachs so the

845

00:34:10,550 --> 00:34:15,679

Sheep the goats and the horses and the

846

00:34:12,650 --> 00:34:18,950

camels and they used these animals to

847

00:34:15,679 --> 00:34:21,050

then create the largest land Empire the

848

00:34:18,949 --> 00:34:22,730

world has ever known and of course in

849

00:34:21,050 --> 00:34:24,289

the way these things had crumbled away

850

00:34:22,730 --> 00:34:26,179

and got taken over by other empires

851

00:34:24,289 --> 00:34:28,070

further down the line now wouldn't they

852

00:34:26,179 --> 00:34:29,720

been a bit scared of lightning because

853

00:34:28,070 --> 00:34:31,010

there's no trees on the plain and if

854

00:34:29,719 --> 00:34:34,219

you're the tallest thing don't you get

855

00:34:31,010 --> 00:34:35,810

hit in general yes I don't know what I

856
00:34:34,219 --> 00:34:38,569
haven't read about their feelings about

857
00:34:35,809 --> 00:34:39,650
lightning though I love their clothing

858
00:34:38,570 --> 00:34:42,620
they still wear their clothing the

859
00:34:39,650 --> 00:34:46,130
country's district or 3 million

860
00:34:42,619 --> 00:34:47,839
population about 1/8 of Australia but

861
00:34:46,130 --> 00:34:50,570
instead of a gross national domestic

862
00:34:47,840 --> 00:34:53,329
product of 15 hundred billion like we

863
00:34:50,570 --> 00:34:55,820
have or 1/8 of it say 200 billion

864
00:34:53,329 --> 00:34:57,440
they've got 40 so this is a dual economy

865
00:34:55,820 --> 00:34:59,269
you've got very rich people and very

866
00:34:57,440 --> 00:35:01,519
poor people like South America no but

867
00:34:59,269 --> 00:35:04,009
you've got massive corruption so when

868
00:35:01,519 --> 00:35:07,250
one of the big mining companies came in

869
00:35:04,010 --> 00:35:10,370
instead of paying for the royalties for

870
00:35:07,250 --> 00:35:12,289
all the rituals are taking out what they

871
00:35:10,369 --> 00:35:14,779
did was sign an agreement that further

872
00:35:12,289 --> 00:35:17,840
down the line they would make a loan to

873
00:35:14,780 --> 00:35:19,220
the Mongolian government right I mean

874
00:35:17,840 --> 00:35:21,230
they can get that loan from a bank it

875
00:35:19,219 --> 00:35:23,269
sucks that's a pretty poor jail

876
00:35:21,230 --> 00:35:25,099
it's a terrible deal but the people are

877
00:35:23,269 --> 00:35:26,599
quite happy and for me they're really

878
00:35:25,099 --> 00:35:28,309
other big the other really big surprise

879
00:35:26,599 --> 00:35:31,759
besides the fact that all babies are

880
00:35:28,309 --> 00:35:33,349
ugly and that men understate their age

881
00:35:31,760 --> 00:35:35,030
to appear more manly while women

882
00:35:33,349 --> 00:35:37,069
overstate their age to be this

883
00:35:35,030 --> 00:35:40,030
attractive to the other gender is that

884

00:35:37,070 --> 00:35:42,440
Mongolian lamb does not exist as a dish

885
00:35:40,030 --> 00:35:44,840
yeah bit like all the Chinese dishes as

886
00:35:42,440 --> 00:35:47,869
well that we have you know they exist

887
00:35:44,840 --> 00:35:48,349
only on Western menus right so Mongolian

888
00:35:47,869 --> 00:35:50,268
lamb

889
00:35:48,349 --> 00:35:53,720
which is the thin slices of meat about

890
00:35:50,268 --> 00:35:56,929
an inch bar across maybe 25 millimeters

891
00:35:53,719 --> 00:35:59,808
it's a highly crisped fried and served

892
00:35:56,929 --> 00:36:02,179
in a very hot cast-iron tray which then

893
00:35:59,809 --> 00:36:05,660
sits in a wooden tray that is actually a

894
00:36:02,179 --> 00:36:09,228
Korean dish Mongolian lamb exists but

895
00:36:05,659 --> 00:36:10,940
it's sort of like boiled lamb in some

896
00:36:09,228 --> 00:36:12,259
kind of soup and pretty well everything

897
00:36:10,940 --> 00:36:13,989
you get is like that

898
00:36:12,259 --> 00:36:17,449

I want to occasionally try to get

899

00:36:13,989 --> 00:36:23,509

fatigue reducing te it turned out to be

900

00:36:17,449 --> 00:36:24,949

really salty fatty lamb broth yeah but

901

00:36:23,509 --> 00:36:26,599

on the other hand the people are quite

902

00:36:24,949 --> 00:36:28,219

happy maybe they have a sort of a

903

00:36:26,599 --> 00:36:29,869

superstition there was something that

904

00:36:28,219 --> 00:36:31,728

you picked up on a local sort of whoo

905

00:36:29,869 --> 00:36:34,670

that that they believe in they've got

906

00:36:31,728 --> 00:36:36,889

many they believe that the land is alive

907

00:36:34,670 --> 00:36:40,159

there an animal society and the land

908

00:36:36,889 --> 00:36:41,868

must be protected they also a strongly

909

00:36:40,159 --> 00:36:45,078

Buddhist which changes their thinking as

910

00:36:41,869 --> 00:36:46,519

well do they have the the man-eating

911

00:36:45,079 --> 00:36:48,950

earth one is that the one that is there

912

00:36:46,518 --> 00:36:50,778

the Mongolian eating worm that pops up

913
00:36:48,949 --> 00:36:52,308
out of the ground and it's a monster

914
00:36:50,778 --> 00:36:54,380
thing is that there's I think that

915
00:36:52,309 --> 00:36:59,059
belongs in the movie or the book dude

916
00:36:54,380 --> 00:37:00,440
quite frank again movies crating the

917
00:36:59,059 --> 00:37:02,359
whole thing is that the most fascinating

918
00:37:00,440 --> 00:37:05,778
country have been to currently been to

919
00:37:02,358 --> 00:37:06,920
many yeah it's the last one I went to so

920
00:37:05,778 --> 00:37:08,478
this was the most fascinating well

921
00:37:06,920 --> 00:37:10,219
actually the last almost a bit which is

922
00:37:08,478 --> 00:37:11,538
also more fascinating so they're all

923
00:37:10,219 --> 00:37:13,759
different in their own ways a

924
00:37:11,539 --> 00:37:15,829
desperately poor country being ripped

925
00:37:13,759 --> 00:37:18,199
off by big companies will find their own

926
00:37:15,829 --> 00:37:20,269
way and here's a weird thing in general

927

00:37:18,199 --> 00:37:23,509
the women are more highly educated than

928

00:37:20,268 --> 00:37:25,308
the men because the men and a women need

929

00:37:23,509 --> 00:37:26,960
to be catered for in her later lives by

930

00:37:25,309 --> 00:37:28,460
their parents and the parents always

931

00:37:26,960 --> 00:37:30,619
think that the key the guys can always

932

00:37:28,460 --> 00:37:32,239
go and dig a ditch so the men the women

933

00:37:30,619 --> 00:37:35,150
not being so good at digging ditches

934

00:37:32,239 --> 00:37:37,159
they get university education so the

935

00:37:35,150 --> 00:37:39,338
women tend to be more educated than the

936

00:37:37,159 --> 00:37:39,338
men

937

00:37:54,980 --> 00:38:02,338
20:18 bent spoon your jets to nominate

938

00:37:58,619 --> 00:38:03,838
an unworthy winner again this comes to

939

00:38:02,338 --> 00:38:06,299
us from the Australian skeptics at

940

00:38:03,838 --> 00:38:10,309
skeptics comdata you written by Tim

941

00:38:06,300 --> 00:38:13,650
Mendham published on the 31st of July

942
00:38:10,309 --> 00:38:16,139
the Australian skeptics bent spoon Ward

943
00:38:13,650 --> 00:38:19,200
is one of the least sought-after credits

944
00:38:16,139 --> 00:38:21,239
in the skeptical world or any world for

945
00:38:19,199 --> 00:38:24,779
that matter it has been awarded every

946
00:38:21,239 --> 00:38:26,819
year since 1982 and it recognizes the

947
00:38:24,780 --> 00:38:29,160
perpetrator of the most preposterous

948
00:38:26,820 --> 00:38:32,430
piece of paranormal or pseudo scientific

949
00:38:29,159 --> 00:38:35,399
people luminaries who have been past

950
00:38:32,429 --> 00:38:40,289
winners include paleo Pete Evans Larry

951
00:38:35,400 --> 00:38:42,329
Marshall head of the CSIRO RMIT Julie Y

952
00:38:40,289 --> 00:38:45,420
Lehman and the University of Wollongong

953
00:38:42,329 --> 00:38:49,740
Merrill Dory and the AVN also known as

954
00:38:45,420 --> 00:38:52,650
the APS n now the AV are in the

955
00:38:49,739 --> 00:38:55,409

pharmacies of Australia and a psychic

956

00:38:52,650 --> 00:38:57,389

dentist nominations come from the public

957

00:38:55,409 --> 00:39:00,029

and this year we have received

958

00:38:57,389 --> 00:39:02,338

nominations for the Therapeutic Goods

959

00:39:00,030 --> 00:39:03,780

Administration and the Australian

960

00:39:02,338 --> 00:39:06,568

government for their list of quote

961

00:39:03,780 --> 00:39:08,310

permissible indications unquote how to

962

00:39:06,568 --> 00:39:10,800

create a list of the most ridiculous

963

00:39:08,309 --> 00:39:11,489

medical conditions inhibited water

964

00:39:10,800 --> 00:39:14,849

anyone

965

00:39:11,489 --> 00:39:17,759

Sarah's Stevenson for her Sarah's Day

966

00:39:14,849 --> 00:39:20,818

podcast in which she claims to have cued

967

00:39:17,760 --> 00:39:23,819

a precancerous condition with a plethora

968

00:39:20,818 --> 00:39:26,519

of supplements and dose of Prayer and

969

00:39:23,818 --> 00:39:30,329

her naturopaths seal of approval

970
00:39:26,519 --> 00:39:32,429
guava thruster fins for surfboards where

971
00:39:30,329 --> 00:39:35,250
the design will pull you through the

972
00:39:32,429 --> 00:39:37,769
water defying all the rules of physics

973
00:39:35,250 --> 00:39:40,230
we would love to hear from any other

974
00:39:37,769 --> 00:39:42,179
noteworthy candidates if you'd like to

975
00:39:40,230 --> 00:39:44,550
put someone forward for this non

976
00:39:42,179 --> 00:39:49,649
prestigious award and go to the bent

977
00:39:44,550 --> 00:39:51,810
spoon page at www.viki.com on how to

978
00:39:49,650 --> 00:39:54,760
enter details on the current nominees

979
00:39:51,809 --> 00:39:57,880
and a list of past winners

980
00:39:54,760 --> 00:39:59,380
the winner of the 2018 bent spoon will

981
00:39:57,880 --> 00:40:00,789
be announced at skeptic on the

982
00:39:59,380 --> 00:40:03,490
Australian skeptics National Convention

983
00:40:00,789 --> 00:40:07,509
in Sydney on October the 13th and the

984
00:40:03,489 --> 00:40:09,909
14th nominations closed early in October

985
00:40:07,510 --> 00:40:12,100
so there you are folks if you're in

986
00:40:09,909 --> 00:40:14,170
Australia and you want to nominate

987
00:40:12,099 --> 00:40:16,509
somebody for the bent spoon go right

988
00:40:14,170 --> 00:40:17,829
ahead and you feel coming to skeptical

989
00:40:16,510 --> 00:40:20,590
later in the year you can have the

990
00:40:17,829 --> 00:40:24,460
thrill of being in the audience when the

991
00:40:20,590 --> 00:40:46,950
winner is announced don't forget to

992
00:40:24,460 --> 00:40:49,750
bring your spoons once again it was the

993
00:40:46,949 --> 00:40:52,149
great pleasure of myself and Maynard the

994
00:40:49,750 --> 00:40:54,039
head for the Australian Museum here in

995
00:40:52,150 --> 00:40:56,280
Sydney to perform the mystery

996
00:40:54,039 --> 00:40:59,500
investigators the science outreach show

997
00:40:56,280 --> 00:41:02,920
designed for primary school and high

998

00:40:59,500 --> 00:41:05,230
school students we have been doing this

999
00:41:02,920 --> 00:41:07,900
now for many years in the house from the

1000
00:41:05,230 --> 00:41:10,920
theater at the Australian Museum water

1001
00:41:07,900 --> 00:41:15,490
divining bed of nails optical illusions

1002
00:41:10,920 --> 00:41:18,608
all sorts of mysteries and fun and games

1003
00:41:15,489 --> 00:41:22,299
while the kids poured in the room was

1004
00:41:18,608 --> 00:41:24,489
packed and I'd started the show with an

1005
00:41:22,300 --> 00:41:27,220
old favorite something the kids don't

1006
00:41:24,489 --> 00:41:30,358
know about really good old good old

1007
00:41:27,219 --> 00:41:30,358
spoon bender

1008
00:41:33,349 --> 00:41:36,850
that's how easily need to be trippin

1009
00:41:36,030 --> 00:41:39,909
fool

1010
00:41:36,849 --> 00:41:39,909
[Music]

1011
00:41:42,460 --> 00:41:45,639
[Music]

1012
00:41:51,760 --> 00:41:55,739

[Applause]

1013

00:41:56,150 --> 00:42:00,719
of course the kids wanted to come up and

1014

00:41:58,768 --> 00:42:02,668
get the other spoon and look at an exam

1015

00:42:00,719 --> 00:42:04,739
in the mall which is great I guess

1016

00:42:02,668 --> 00:42:06,239
they're just being skeptical but spoon

1017

00:42:04,739 --> 00:42:09,688
bending is an important lesson because

1018

00:42:06,239 --> 00:42:12,329
it teaches us that what even our

1019

00:42:09,688 --> 00:42:16,438
grandparents thought was wonderful and a

1020

00:42:12,329 --> 00:42:18,329
miracle is just a simple illusion much

1021

00:42:16,438 --> 00:42:20,908
later on in the show comes the old

1022

00:42:18,329 --> 00:42:31,769
favorite another old favorite the bed of

1023

00:42:20,909 --> 00:42:35,909
nails so I lie down carefully on the bed

1024

00:42:31,768 --> 00:42:40,728
of nails main arts making a fuss behind

1025

00:42:35,909 --> 00:42:40,729
me I blow up myself gently down

1026

00:42:43,239 --> 00:42:46,359
[Music]

1027
00:42:58,010 --> 00:43:03,800
of course what happens is Maynard climbs

1028
00:43:00,719 --> 00:43:06,000
on my back and plays the trombone

1029
00:43:03,800 --> 00:43:09,480
standing on my back while I'm lying on

1030
00:43:06,000 --> 00:43:10,739
the bed of nails never fails to get lots

1031
00:43:09,480 --> 00:43:12,360
of applause and laughter from the

1032
00:43:10,739 --> 00:43:14,149
students but again we make the

1033
00:43:12,360 --> 00:43:17,809
scientific point about pressure and

1034
00:43:14,150 --> 00:43:17,809
distribution of weight

1035
00:43:22,289 --> 00:43:26,710
thank you again to Australia Museum and

1036
00:43:25,119 --> 00:43:30,299
thanks to all the kids who came along to

1037
00:43:26,710 --> 00:43:30,300
see the mystery investigators show

1038
00:43:40,980 --> 00:43:57,760
[Applause]

1039
00:43:43,730 --> 00:43:57,760
[Music]

1040
00:43:59,150 --> 00:44:05,430
hi this is dr. Pamela gay from astronomy

1041
00:44:02,579 --> 00:44:07,318
cast each week Fraser Cain and I take

1042
00:44:05,429 --> 00:44:09,538
our listeners on a fact-based journey

1043
00:44:07,318 --> 00:44:12,268
through the cosmos with our weekly

1044
00:44:09,539 --> 00:44:15,089
podcast we explain not just what we know

1045
00:44:12,268 --> 00:44:17,939
but how we know what we know about this

1046
00:44:15,088 --> 00:44:20,400
universe that we share check us out at

1047
00:44:17,940 --> 00:44:22,798
astronomy cast calm and look for us in

1048
00:44:20,400 --> 00:44:26,960
itunes google play and wherever you

1049
00:44:22,798 --> 00:44:26,960
download podcasts see online

1050
00:44:29,389 --> 00:44:32,679
[Music]

1051
00:44:41,150 --> 00:44:45,150
thank you for listening to the skeptic

1052
00:44:43,469 --> 00:44:48,059
zone now next week we're going to bring

1053
00:44:45,150 --> 00:44:49,950
you part two of our Maenads spooky

1054
00:44:48,059 --> 00:44:52,559
action at the Australian Museum where is

1055

00:44:49,949 --> 00:44:55,109
interviewing lots of people so dr. Karl

1056
00:44:52,559 --> 00:44:57,150
interview part 2 plus lots of other

1057
00:44:55,110 --> 00:44:58,829
people who were there at the 9th which

1058
00:44:57,150 --> 00:45:02,490
we couldn't fit into this week's episode

1059
00:44:58,829 --> 00:45:03,869
also I'll bring you a report from speed

1060
00:45:02,489 --> 00:45:06,179
meet the scientists night at the

1061
00:45:03,869 --> 00:45:08,279
powerhouse museum together with some

1062
00:45:06,179 --> 00:45:10,589
interviews including Kate brown the

1063
00:45:08,280 --> 00:45:12,150
journalist and Alethea Dean from the

1064
00:45:10,590 --> 00:45:16,620
Australian skeptics to talk more about

1065
00:45:12,150 --> 00:45:17,970
the upcoming skeptic on 2018 thank you

1066
00:45:16,619 --> 00:45:20,099
to those people who chip into the

1067
00:45:17,969 --> 00:45:22,529
skeptic CERN at patreon or PayPal

1068
00:45:20,099 --> 00:45:24,929
I've been endeavouring to put up more

1069
00:45:22,530 --> 00:45:26,700

content at patreon actually little

1070

00:45:24,929 --> 00:45:28,710

snippets and bits and pieces to keep

1071

00:45:26,699 --> 00:45:31,619

that more interesting but all your

1072

00:45:28,710 --> 00:45:35,789

contributions mean the show keeps going

1073

00:45:31,619 --> 00:45:38,130

if you stop supporting the show the show

1074

00:45:35,789 --> 00:45:38,429

will stop and we don't want that to

1075

00:45:38,130 --> 00:45:40,019

happen

1076

00:45:38,429 --> 00:45:42,509

well maybe we do no we don't want that

1077

00:45:40,019 --> 00:45:44,460

to happen so thank you very much and

1078

00:45:42,510 --> 00:45:45,960

thank you to my new patreon over the

1079

00:45:44,460 --> 00:45:48,619

last couple of weeks

1080

00:45:45,960 --> 00:45:50,970

welcome aboard much appreciated and

1081

00:45:48,619 --> 00:45:52,859

because people have been requesting it

1082

00:45:50,969 --> 00:45:57,269

we're going to do one dice game this is

1083

00:45:52,860 --> 00:46:00,120

where I roll a die and you use your you

1084
00:45:57,269 --> 00:46:02,190
use your psychic powers to predict the

1085
00:46:00,119 --> 00:46:03,420
answer which is in the past because by

1086
00:46:02,190 --> 00:46:05,130
the time you've heard this I've already

1087
00:46:03,420 --> 00:46:06,720
rolled the dice but you haven't heard it

1088
00:46:05,130 --> 00:46:11,340
yet so it's in your future for it that

1089
00:46:06,719 --> 00:46:13,500
won't be different today today's mystery

1090
00:46:11,340 --> 00:46:16,019
number will be between one and a

1091
00:46:13,500 --> 00:46:19,860
thousand and I achieved that by rolling

1092
00:46:16,019 --> 00:46:20,880
a ten sided die three times hmm all

1093
00:46:19,860 --> 00:46:23,930
right here we go

1094
00:46:20,880 --> 00:46:27,599
so use your psychic powers predict

1095
00:46:23,929 --> 00:46:31,710
predict that number between 1 and 1000

1096
00:46:27,599 --> 00:46:41,339
here we go have you got your number the

1097
00:46:31,710 --> 00:46:44,970
number will be 442 so if you've got 442

1098
00:46:41,340 --> 00:46:46,559
well done but for this week write to

1099
00:46:44,969 --> 00:46:48,719
that again for fun for this week this is

1100
00:46:46,559 --> 00:46:51,170
Richard Saunders signing off from Sydney

1101
00:46:48,719 --> 00:46:51,169
Australia

1102
00:46:53,420 --> 00:46:59,599
you've been listening to the skeptic

1103
00:46:55,920 --> 00:47:04,590
zone podcast please visit our website at

1104
00:46:59,599 --> 00:47:07,289
WWDC because shownotes contacts and to

1105
00:47:04,590 --> 00:47:11,039
access the bat catalog of episodes going

1106
00:47:07,289 --> 00:47:13,849
back to 2008 you can follow the skeptic

1107
00:47:11,039 --> 00:47:16,590
zone podcast on twitter at skeptic zone

1108
00:47:13,849 --> 00:47:20,009
visit our facebook page or leave a

1109
00:47:16,590 --> 00:47:22,980
review on iTunes you can also support

1110
00:47:20,010 --> 00:47:25,410
the skeptic zone via patreon or PayPal

1111
00:47:22,980 --> 00:47:28,079
the skeptic zone podcast is an

1112

00:47:25,409 --> 00:47:29,909
independent production reviews and

1113
00:47:28,079 --> 00:47:32,159
opinions expressed on the skeptic zone

1114
00:47:29,909 --> 00:47:34,710
are not necessarily those of Australian

1115
00:47:32,159 --> 00:47:35,579
skeptics or any other sceptical

1116
00:47:34,710 --> 00:47:42,070
organisation

1117
00:47:35,579 --> 00:47:42,069
[Music]

1118
00:47:46,110 --> 00:47:50,410
now all right you people who listen

1119
00:47:48,309 --> 00:47:54,309
after the music predict again this will

1120
00:47:50,409 --> 00:48:03,179
be out of a thousand here we go five

1121
00:47:54,309 --> 00:48:03,179
hundred and ninety three