

1
00:00:20,518 --> 00:00:27,448
hello and welcome to the skeptic zone

2
00:00:23,199 --> 00:00:30,460
sure number 38 for the tenth of July

3
00:00:27,449 --> 00:00:33,219
2009 the Richardson is here with you in

4
00:00:30,460 --> 00:00:35,859
fact i'm also at the amazing meeting

5
00:00:33,219 --> 00:00:38,170
right now in las vegas with james randi

6
00:00:35,859 --> 00:00:41,170
Phil Plait with all those other skeptics

7
00:00:38,170 --> 00:00:43,149
so if you are also at the amazing

8
00:00:41,170 --> 00:00:45,789
meeting let me know if you hear the

9
00:00:43,149 --> 00:00:48,579
podcast on today's episode we have an

10
00:00:45,789 --> 00:00:50,320
interview with Shane Killian Shane is

11
00:00:48,579 --> 00:00:52,920
very well known on the internet for

12
00:00:50,320 --> 00:00:57,009
producing some very interesting

13
00:00:52,920 --> 00:00:59,559
debunking type videos and after that we

14
00:00:57,009 --> 00:01:02,109
have a sort of a mini mini think tank

15
00:00:59,558 --> 00:01:06,219
where dr. retching and Diane and I

16
00:01:02,109 --> 00:01:09,459
discuss a visit to a mini mini mind-body

17
00:01:06,219 --> 00:01:11,530
wallet festival that's followed by an

18
00:01:09,459 --> 00:01:15,099
interview with Kate Murray and Serena

19
00:01:11,530 --> 00:01:18,489
todd from australian museum members and

20
00:01:15,099 --> 00:01:21,759
that includes a dinosaur or two so sit

21
00:01:18,489 --> 00:01:24,849
back have a cup of what will be this

22
00:01:21,759 --> 00:01:25,920
week cappuccino and enjoy the skeptic

23
00:01:24,849 --> 00:01:27,978
zone

24
00:01:25,920 --> 00:01:27,978
you

25
00:01:40,269 --> 00:01:46,368
Shane Killian is a graphic designer a

26
00:01:43,608 --> 00:01:48,949
business owner and a single father of

27
00:01:46,368 --> 00:01:52,069
two he's a musician who plays several

28
00:01:48,950 --> 00:01:54,859
instruments and also a dancer and says

29

00:01:52,069 --> 00:01:56,719
tango is his favorite he's also a

30
00:01:54,858 --> 00:01:59,149
skeptical and spend some of his spare time

31
00:01:56,718 --> 00:02:02,298
making YouTube videos debunking

32
00:01:59,149 --> 00:02:04,519
misinformation wherever he finds it he's

33
00:02:02,299 --> 00:02:07,459
a fan of both science and politics and

34
00:02:04,519 --> 00:02:12,128
he takes any opportunity he can not only

35
00:02:07,459 --> 00:02:12,128
to debunk but also to educate

36
00:02:12,930 --> 00:02:18,989
and joining me now on the line from

37
00:02:16,859 --> 00:02:20,730
North Carolina which to me is the other

38
00:02:18,989 --> 00:02:23,938
side of the world of course is Shane

39
00:02:20,729 --> 00:02:25,798
Kelly and hello Shane hello hello very

40
00:02:23,938 --> 00:02:28,919
good to be with you now I have been

41
00:02:25,799 --> 00:02:30,569
really enjoying your tremendous series

42
00:02:28,919 --> 00:02:32,280
of videos that you've been putting up on

43
00:02:30,568 --> 00:02:34,858

YouTube and I must say your production

44

00:02:32,280 --> 00:02:36,840

standards a IRA cut above the normal

45

00:02:34,859 --> 00:02:39,810

thing you see on youtube what why are

46

00:02:36,840 --> 00:02:42,060

you so inspired to do all this work well

47

00:02:39,810 --> 00:02:44,908

there are a lot of reasons obviously I

48

00:02:42,060 --> 00:02:47,280

have all this information in my head and

49

00:02:44,908 --> 00:02:51,060

all of these opinions I'd like to get

50

00:02:47,280 --> 00:02:52,650

out and before doing a blog you'd have

51

00:02:51,060 --> 00:02:55,769

to sit down and type the blog and edit

52

00:02:52,650 --> 00:02:58,319

and put it up and with a video you can

53

00:02:55,769 --> 00:03:00,209

do something that's visual you can do it

54

00:02:58,318 --> 00:03:03,449

with sound and it's just so much more

55

00:03:00,209 --> 00:03:06,239

fulfilling to me and I thoroughly enjoy

56

00:03:03,449 --> 00:03:08,608

doing that what inspired you originally

57

00:03:06,239 --> 00:03:09,980

to do it was too was it to counter some

58
00:03:08,609 --> 00:03:13,079
of the claims you were seeing online

59
00:03:09,979 --> 00:03:15,539
yeah I've been involved in the creation

60
00:03:13,079 --> 00:03:18,930
ISM debate for something like 20 years

61
00:03:15,539 --> 00:03:20,969
on a Thompson's inside-out skeptic over

62
00:03:18,930 --> 00:03:23,219
on using it and it's kind of grown from

63
00:03:20,969 --> 00:03:25,199
there and I think I've learned more

64
00:03:23,219 --> 00:03:27,419
science doing meth and I ever learned in

65
00:03:25,199 --> 00:03:31,500
any science class it's just amazing and

66
00:03:27,419 --> 00:03:34,530
i started doing videos about two and a

67
00:03:31,500 --> 00:03:36,180
half years ago I had an accident and I

68
00:03:34,530 --> 00:03:38,489
had to be in the hospital bed and a

69
00:03:36,180 --> 00:03:39,900
wheelchair for a while and so for a

70
00:03:38,489 --> 00:03:42,900
while there was kind of like my only

71
00:03:39,900 --> 00:03:44,879
link with the outside world and so I

72
00:03:42,900 --> 00:03:50,400
started been videos and really started

73
00:03:44,878 --> 00:03:53,668
getting into doing that and i think my

74
00:03:50,400 --> 00:03:55,739
first debunking was of an astrologer

75
00:03:53,669 --> 00:03:59,310
James Young that might have been my

76
00:03:55,739 --> 00:04:01,560
first one and he made a few videos he

77
00:03:59,310 --> 00:04:03,688
made one where he tried to Reba James

78
00:04:01,560 --> 00:04:07,590
Randi and one were you trying to rebut

79
00:04:03,688 --> 00:04:10,489
Bill Nye and a couple of others and so I

80
00:04:07,590 --> 00:04:12,780
decided to go after him and that kind of

81
00:04:10,489 --> 00:04:17,370
kind of started something that's become

82
00:04:12,780 --> 00:04:20,009
a bit of a mild obsession I think so but

83
00:04:17,370 --> 00:04:22,079
I'm glad it is in a way because that

84
00:04:20,009 --> 00:04:25,288
they are very interesting videos and you

85
00:04:22,079 --> 00:04:26,629
do put time into making them look quite

86

00:04:25,288 --> 00:04:29,399
good I think you use

87
00:04:26,629 --> 00:04:31,400
some keying effects and some very

88
00:04:29,399 --> 00:04:34,888
interesting slow motion effects

89
00:04:31,399 --> 00:04:38,908
specifically when you are talk about the

90
00:04:34,889 --> 00:04:40,139
gravity on the moon and the one-sixth

91
00:04:38,908 --> 00:04:42,719
gravity can you tell me a little bit

92
00:04:40,139 --> 00:04:46,918
more about that yeah I believe you're

93
00:04:42,720 --> 00:04:48,960
talking about when I was debating one

94
00:04:46,918 --> 00:04:52,469
aspect of the moon hooks with a guy

95
00:04:48,959 --> 00:04:54,658
named Gerald white and I was trying to

96
00:04:52,470 --> 00:04:58,080
prove to him what you can easily show

97
00:04:54,658 --> 00:05:02,098
mathematically the gravity on earth is

98
00:04:58,079 --> 00:05:07,019
about six times that of the moon and the

99
00:05:02,098 --> 00:05:09,180
square root of six is about 2.46 and so

100
00:05:07,019 --> 00:05:11,038

that is about the ratio of the levels of

101

00:05:09,180 --> 00:05:13,800

freefall if you drop something on the

102

00:05:11,038 --> 00:05:16,318

moon it'll take about two point four six

103

00:05:13,800 --> 00:05:19,530

times longer to hit the ground then it

104

00:05:16,319 --> 00:05:21,180

will on earth and jerra white was saying

105

00:05:19,529 --> 00:05:23,068

that wasn't true that it was one hundred

106

00:05:21,180 --> 00:05:24,689

and fifty percent and I was saying it

107

00:05:23,069 --> 00:05:30,030

was two hundred forty six percent so I

108

00:05:24,689 --> 00:05:33,810

did we had a piece of video of i believe

109

00:05:30,029 --> 00:05:37,799

it was john young i forget which Apollo

110

00:05:33,810 --> 00:05:40,918

mission that was 15 I think but on

111

00:05:37,800 --> 00:05:43,560

anyway he did this jump salud where he

112

00:05:40,918 --> 00:05:45,060

jumped up in the air and saluted and the

113

00:05:43,560 --> 00:05:47,759

other guy took the picture and there's

114

00:05:45,060 --> 00:05:49,680

video of that sort of from behind and

115
00:05:47,759 --> 00:05:52,259
you can see sort of how high he jumps

116
00:05:49,680 --> 00:05:55,860
and so what I did was I dropped a weight

117
00:05:52,259 --> 00:05:58,528
from that same height and then that gave

118
00:05:55,860 --> 00:06:00,900
me a video that I could use you take the

119
00:05:58,528 --> 00:06:03,778
moon video and you speed it up two

120
00:06:00,899 --> 00:06:05,878
hundred forty six percent and they both

121
00:06:03,778 --> 00:06:07,288
fall at the same rate you take mine and

122
00:06:05,879 --> 00:06:09,930
you slow it down the appropriate amount

123
00:06:07,288 --> 00:06:12,990
they both followed the same rate uh-huh

124
00:06:09,930 --> 00:06:16,769
and he's still going on about it he

125
00:06:12,990 --> 00:06:18,509
still doesn't accept it I think it's

126
00:06:16,769 --> 00:06:21,478
very convincing the way you did it when

127
00:06:18,509 --> 00:06:24,689
you had both and you're dropping things

128
00:06:21,478 --> 00:06:27,149
from knee height for example and slow it

129
00:06:24,689 --> 00:06:30,598
down right that was about how high he

130
00:06:27,149 --> 00:06:33,269
jumped which is really difficult to do I

131
00:06:30,598 --> 00:06:35,129
mean try it sometime so you people say

132
00:06:33,269 --> 00:06:36,598
oh you should have been able to jump

133
00:06:35,129 --> 00:06:38,500
higher than that well it's hard to jump

134
00:06:36,598 --> 00:06:40,659
that high on earth with

135
00:06:38,500 --> 00:06:43,149
on a 70 kilogram pack and I don't know

136
00:06:40,660 --> 00:06:45,280
how much the rest of the suit ways yeah

137
00:06:43,149 --> 00:06:49,329
bulky and hard to move in and he managed

138
00:06:45,279 --> 00:06:52,149
to jump knee high and also I like the

139
00:06:49,329 --> 00:06:55,569
way that you show that the the so-called

140
00:06:52,149 --> 00:07:00,329
wires used to hold up the the astronauts

141
00:06:55,569 --> 00:07:03,550
on the moon we're in fact glinting um

142
00:07:00,329 --> 00:07:05,620
Arizona the backpack in tenor yeah the

143

00:07:03,550 --> 00:07:08,020
back pocket antenna glinting and when

144
00:07:05,620 --> 00:07:12,160
you explain it it's so obvious but when

145
00:07:08,019 --> 00:07:13,689
I must admit on first viewing and your

146
00:07:12,160 --> 00:07:15,689
opponent is pointing out look you can

147
00:07:13,689 --> 00:07:17,889
clearly see the wire here glinting and

148
00:07:15,689 --> 00:07:20,259
then you talked about the fact that even

149
00:07:17,889 --> 00:07:22,300
the best special effects people in the

150
00:07:20,259 --> 00:07:24,550
late 60s couldn't have achieved that

151
00:07:22,300 --> 00:07:26,980
effect I'm talking specifically about

152
00:07:24,550 --> 00:07:29,139
the guy from what was it a 2001 a space

153
00:07:26,980 --> 00:07:30,970
odyssey 2001 a Space Odyssey Douglas

154
00:07:29,139 --> 00:07:32,979
Trumbull was the special effects

155
00:07:30,970 --> 00:07:34,570
supervisor and what he did was when you

156
00:07:32,980 --> 00:07:39,250
see the scenes of them floating around

157
00:07:34,569 --> 00:07:41,980

in zero-g the camera is like on or near

158

00:07:39,250 --> 00:07:44,110

the ground pointing upward so even

159

00:07:41,980 --> 00:07:46,240

though it may look like it's shooting

160

00:07:44,110 --> 00:07:48,639

from the side the whole set is to the

161

00:07:46,240 --> 00:07:50,740

side the cameras pointing upward the

162

00:07:48,639 --> 00:07:53,379

actors hanging down and then the cable

163

00:07:50,740 --> 00:07:56,978

is then behind the actor so you don't

164

00:07:53,379 --> 00:07:59,199

have to worry about hiding it right so I

165

00:07:56,978 --> 00:08:01,930

okay this is that that makes it clear I

166

00:07:59,199 --> 00:08:05,709

understand that now so but for Hollywood

167

00:08:01,930 --> 00:08:07,840

in the late 60s to have removed wires

168

00:08:05,709 --> 00:08:08,889

from frames and things we simply add the

169

00:08:07,839 --> 00:08:10,869

question they didn't have that

170

00:08:08,889 --> 00:08:14,620

technology right they would have had to

171

00:08:10,870 --> 00:08:16,959

do it optically and you know there may

172
00:08:14,620 --> 00:08:18,819
be some tricks you can try with contrast

173
00:08:16,959 --> 00:08:21,579
but it would mess up how the rest of the

174
00:08:18,819 --> 00:08:23,500
picture looks and of course if they try

175
00:08:21,579 --> 00:08:25,449
and airbrush it then each frame would be

176
00:08:23,500 --> 00:08:27,220
a little different some people actually

177
00:08:25,449 --> 00:08:29,139
try that you can actually see the little

178
00:08:27,220 --> 00:08:30,790
jiggling edges of the brush from frame

179
00:08:29,139 --> 00:08:32,279
to frame so it's not like today where

180
00:08:30,790 --> 00:08:34,870
you can just put it in a computer and

181
00:08:32,279 --> 00:08:36,459
then paint it out and it seems

182
00:08:34,870 --> 00:08:40,570
extraordinary to me that they go to so

183
00:08:36,460 --> 00:08:43,750
much trouble to if it was a hoax and yet

184
00:08:40,570 --> 00:08:45,730
still have things like wires in the in

185
00:08:43,750 --> 00:08:47,860
the image at all they would simply not

186
00:08:45,730 --> 00:08:50,528
notice that and let it let that go out

187
00:08:47,860 --> 00:08:52,180
to the public it's just amazing why

188
00:08:50,528 --> 00:08:54,999
what they go through all the trouble of

189
00:08:52,179 --> 00:08:58,448
making everyone fall at the exact

190
00:08:54,999 --> 00:09:04,269
freefall amount and then leave a rock

191
00:08:58,448 --> 00:09:06,128
with the c label showing up absolutely

192
00:09:04,269 --> 00:09:08,860
right yeah it is crazy but you know

193
00:09:06,129 --> 00:09:11,829
people still still buying into it it's

194
00:09:08,860 --> 00:09:13,688
amazing so you obviously have an

195
00:09:11,828 --> 00:09:15,458
enormous amount of fun with those videos

196
00:09:13,688 --> 00:09:18,099
and as I said before you do put some

197
00:09:15,458 --> 00:09:20,229
time into the production values because

198
00:09:18,100 --> 00:09:22,149
you use lots of backdrops and all that

199
00:09:20,230 --> 00:09:24,308
will slowing down and speeding up and

200

00:09:22,149 --> 00:09:26,019
inserts and all sorts of things and you

201
00:09:24,308 --> 00:09:29,259
also have a good series about

202
00:09:26,019 --> 00:09:30,759
creationism which I quite enjoy I what's

203
00:09:29,259 --> 00:09:33,459
next what are you planning some more

204
00:09:30,759 --> 00:09:35,350
videos I'm planning more episodes of

205
00:09:33,458 --> 00:09:38,289
Baga citty but it's extremely difficult

206
00:09:35,350 --> 00:09:40,120
to make so those are probably going to

207
00:09:38,289 --> 00:09:43,208
be somewhere on the level of six

208
00:09:40,120 --> 00:09:46,028
episodes a year and I usually make three

209
00:09:43,208 --> 00:09:48,219
at a time right now I've kind of got it

210
00:09:46,028 --> 00:09:51,938
on hold because i'm working on a DVD of

211
00:09:48,220 --> 00:09:53,019
the first six ru reshooting are you just

212
00:09:51,938 --> 00:09:55,179
going to use what you've shot already

213
00:09:53,019 --> 00:09:57,068
know that there's a bit of reshooting in

214
00:09:55,179 --> 00:10:00,219

a little bit of remastering and some

215

00:09:57,068 --> 00:10:02,409

Corrections that I have to do but it's

216

00:10:00,220 --> 00:10:03,639

pretty much the episodes as they are but

217

00:10:02,409 --> 00:10:04,480

there are going to be commentaries

218

00:10:03,639 --> 00:10:06,909

they're going to be some special

219

00:10:04,480 --> 00:10:09,670

features and so there's there's going to

220

00:10:06,909 --> 00:10:11,198

be some extra stuff on there oh I look

221

00:10:09,669 --> 00:10:14,919

forward to that that'll be fantastic

222

00:10:11,198 --> 00:10:16,870

because your videos are so enjoyable now

223

00:10:14,919 --> 00:10:20,198

for our listeners who want to visit your

224

00:10:16,870 --> 00:10:24,778

YouTube site where do they head to that

225

00:10:20,198 --> 00:10:29,889

will be youtube.com slash shane DK

226

00:10:24,778 --> 00:10:31,208

saanddk excellent excellent so everybody

227

00:10:29,889 --> 00:10:33,100

after you've listened to the skeptic

228

00:10:31,208 --> 00:10:35,558

zone today have a look at those videos

229
00:10:33,100 --> 00:10:38,199
there they're really very interesting

230
00:10:35,558 --> 00:10:40,019
videos now I want to talk briefly about

231
00:10:38,198 --> 00:10:42,909
something which many Australians are

232
00:10:40,019 --> 00:10:44,409
unaware of simply because we don't seem

233
00:10:42,909 --> 00:10:46,719
to have a similar thing in this country

234
00:10:44,409 --> 00:10:50,289
is your involvement with the Libertarian

235
00:10:46,720 --> 00:10:53,439
Party is the party yes it's a party can

236
00:10:50,289 --> 00:10:54,730
you tell out our listeners fill them in

237
00:10:53,438 --> 00:10:57,549
a little bit about the philosophy and

238
00:10:54,730 --> 00:10:59,769
the thinking behind that well I probably

239
00:10:57,549 --> 00:11:04,149
have to go back to the founding of the

240
00:10:59,769 --> 00:11:04,750
country because obviously we in the

241
00:11:04,149 --> 00:11:07,509
revolution

242
00:11:04,750 --> 00:11:10,360
overthrew King George and people were

243
00:11:07,509 --> 00:11:12,399
very very leery about a central power

244
00:11:10,360 --> 00:11:15,009
because they didn't want to just replace

245
00:11:12,399 --> 00:11:17,709
one tyrant with another and so they made

246
00:11:15,009 --> 00:11:19,899
a very very limited government and if

247
00:11:17,710 --> 00:11:21,639
you read our Constitution there's a part

248
00:11:19,899 --> 00:11:23,529
in there it's article 1 section 8 where

249
00:11:21,639 --> 00:11:25,029
it's just a list of things the federal

250
00:11:23,529 --> 00:11:28,269
government can do and there aren't many

251
00:11:25,029 --> 00:11:30,100
and yeah I mean of course they couldn't

252
00:11:28,269 --> 00:11:32,110
foresee things like a space program and

253
00:11:30,100 --> 00:11:33,759
things like that but really just a lot

254
00:11:32,110 --> 00:11:34,960
of the things that people think are

255
00:11:33,759 --> 00:11:36,189
functions of government are things

256
00:11:34,960 --> 00:11:39,820
they're not really supposed to be doing

257

00:11:36,190 --> 00:11:41,950
under the Constitution and so many

258
00:11:39,820 --> 00:11:43,510
people think that our government has

259
00:11:41,950 --> 00:11:47,200
just gone out of control and you can see

260
00:11:43,509 --> 00:11:49,360
some of this in my videos and in fact an

261
00:11:47,200 --> 00:11:52,990
episode 4 of Baga citty there's actually

262
00:11:49,360 --> 00:11:55,120
footage of a raid on a South Carolina

263
00:11:52,990 --> 00:11:56,769
high school they did a drug raid and

264
00:11:55,120 --> 00:11:58,870
didn't find any drugs but I mean they

265
00:11:56,769 --> 00:12:01,929
had all these students you know laid

266
00:11:58,870 --> 00:12:05,409
down on the sides of the hallways and

267
00:12:01,929 --> 00:12:08,529
the police actually had their guns drawn

268
00:12:05,409 --> 00:12:09,939
pointed at the students and so so many

269
00:12:08,529 --> 00:12:12,779
of us are just thinking that this has

270
00:12:09,940 --> 00:12:15,730
just gotten way way out of control that

271
00:12:12,779 --> 00:12:18,189

about the only way you can prevent the

272

00:12:15,730 --> 00:12:21,190

abuse of power is to take away the power

273

00:12:18,190 --> 00:12:23,200

to abuse and so we believe that

274

00:12:21,190 --> 00:12:26,980

government should be limited to a few

275

00:12:23,200 --> 00:12:30,339

functions police national defense the

276

00:12:26,980 --> 00:12:34,420

court system and pretty much let society

277

00:12:30,339 --> 00:12:37,270

take care of everything else I see so is

278

00:12:34,419 --> 00:12:40,799

that more a federal issue you're worried

279

00:12:37,269 --> 00:12:43,779

about or more locally state issues well

280

00:12:40,799 --> 00:12:45,849

it's all of it the party works on all

281

00:12:43,779 --> 00:12:48,220

levels the National Party of course is

282

00:12:45,850 --> 00:12:49,839

concerned with national elections and

283

00:12:48,220 --> 00:12:52,960

most of our national elections are

284

00:12:49,839 --> 00:12:54,280

actually state elections because the

285

00:12:52,960 --> 00:12:57,250

states have their own Senators and

286
00:12:54,279 --> 00:12:59,649
Representatives and the states actually

287
00:12:57,250 --> 00:13:01,870
elect the President of each state is a

288
00:12:59,649 --> 00:13:03,490
lot at a certain number of electors so

289
00:13:01,870 --> 00:13:05,080
really they're all state elections but

290
00:13:03,490 --> 00:13:07,180
yeah we're worried about federal levels

291
00:13:05,080 --> 00:13:09,759
and worried about state and local levels

292
00:13:07,179 --> 00:13:13,779
any time we think government has gone

293
00:13:09,759 --> 00:13:18,399
beyond the basic defense and protection

294
00:13:13,779 --> 00:13:19,899
and safety of society OIC yo

295
00:13:18,399 --> 00:13:21,549
think we quite have something like that

296
00:13:19,899 --> 00:13:24,549
in Australia although they're all sorts

297
00:13:21,549 --> 00:13:26,439
of political parties and lobby groups in

298
00:13:24,549 --> 00:13:28,899
here and they may well be some people

299
00:13:26,440 --> 00:13:31,330
here with similar a similar sort of out

300
00:13:28,899 --> 00:13:33,459
looked to to the libertarians maybe

301
00:13:31,330 --> 00:13:36,790
there'll be a branch here who knows

302
00:13:33,460 --> 00:13:39,310
maybe there are others popping up I keep

303
00:13:36,789 --> 00:13:41,409
hearing up all over the world there's a

304
00:13:39,309 --> 00:13:45,039
couple litter forming in South America

305
00:13:41,409 --> 00:13:47,019
and other places so who knows there's so

306
00:13:45,039 --> 00:13:49,839
many different areas of interest you

307
00:13:47,019 --> 00:13:53,529
have in your online presence do you do

308
00:13:49,840 --> 00:13:57,040
receive much feedback good and bad good

309
00:13:53,529 --> 00:13:58,659
bad and ugly I don't want to get into a

310
00:13:57,039 --> 00:14:00,429
lot of it right now because it's so

311
00:13:58,659 --> 00:14:03,399
recent the wounds are pretty deep but

312
00:14:00,429 --> 00:14:04,839
I've got a couple of users basically who

313
00:14:03,399 --> 00:14:07,299
couldn't refute when I said so they've

314

00:14:04,840 --> 00:14:10,540
made a couple of very vicious videos

315
00:14:07,299 --> 00:14:13,689
trying to expose me as a racist Oh Dan

316
00:14:10,539 --> 00:14:16,449
that understand I grew up in the south I

317
00:14:13,690 --> 00:14:18,010
grew up with the Ku Klux Klan there was

318
00:14:16,450 --> 00:14:21,430
one point when i was living in

319
00:14:18,009 --> 00:14:23,319
greensboro the Klan murdered a family

320
00:14:21,429 --> 00:14:26,049
living two apartment buildings down for

321
00:14:23,320 --> 00:14:29,260
me so that's a very personal thing for

322
00:14:26,049 --> 00:14:32,620
me and i have not taken it well but yeah

323
00:14:29,259 --> 00:14:35,950
so instead of maybe attacking your

324
00:14:32,620 --> 00:14:39,159
arguments like any decent person would

325
00:14:35,950 --> 00:14:40,810
right we have people trying to attack

326
00:14:39,159 --> 00:14:43,600
other aspects which aren't relevant

327
00:14:40,809 --> 00:14:45,489
relevant to the points you make in your

328
00:14:43,600 --> 00:14:47,850

videos for example if some if what

329

00:14:45,490 --> 00:14:50,799

someone disagrees with you about your

330

00:14:47,850 --> 00:14:52,509

creationism videos or your moon hoax

331

00:14:50,799 --> 00:14:54,549

videos instead of attacking the points

332

00:14:52,509 --> 00:14:57,549

I'll do something else that's a that's

333

00:14:54,549 --> 00:14:59,049

not unheard of yeah well that's well one

334

00:14:57,549 --> 00:15:01,269

of the points was this was one of my

335

00:14:59,049 --> 00:15:03,009

political videos and I was pointing out

336

00:15:01,269 --> 00:15:05,379

that there's a lot of things that our

337

00:15:03,009 --> 00:15:08,319

government is doing in this country that

338

00:15:05,379 --> 00:15:10,779

holds down minorities and not

339

00:15:08,320 --> 00:15:12,730

necessarily things that have passed with

340

00:15:10,779 --> 00:15:14,259

you know some racist person who comes a

341

00:15:12,730 --> 00:15:17,500

guy I'm going to do this and no it's

342

00:15:14,259 --> 00:15:22,539

it's mostly unintended consequences but

343
00:15:17,500 --> 00:15:24,960
one was um was the licensing laws most

344
00:15:22,539 --> 00:15:29,949
states have licensing laws about

345
00:15:24,960 --> 00:15:32,050
cosmetology and it's mostly something

346
00:15:29,950 --> 00:15:35,140
one of us here called corporatism where

347
00:15:32,049 --> 00:15:36,669
you're making laws that favor the

348
00:15:35,139 --> 00:15:38,470
existing businesses and the big

349
00:15:36,669 --> 00:15:40,990
corporations making it difficult for

350
00:15:38,470 --> 00:15:43,870
people to form startups and compete with

351
00:15:40,990 --> 00:15:48,129
them and what's happening is in a lot of

352
00:15:43,870 --> 00:15:51,639
cities all over America there are you

353
00:15:48,129 --> 00:15:53,528
have so much of a disproportionate

354
00:15:51,639 --> 00:15:57,338
representative of blacks in impoverished

355
00:15:53,528 --> 00:15:58,929
areas we still have that even here in

356
00:15:57,339 --> 00:16:01,089
the 21st century and it's a crying shame

357
00:15:58,929 --> 00:16:03,009
but a lot of them have been trying to

358
00:16:01,089 --> 00:16:04,990
start up their own businesses and they

359
00:16:03,009 --> 00:16:09,100
run afoul of these licensing laws and

360
00:16:04,990 --> 00:16:11,709
the example I used was of young black

361
00:16:09,100 --> 00:16:13,450
women doing hair braiding and they'd

362
00:16:11,708 --> 00:16:15,578
said a pair brain listen government

363
00:16:13,450 --> 00:16:17,560
would come in and shut them down because

364
00:16:15,578 --> 00:16:19,239
they didn't have a cosmetology license

365
00:16:17,559 --> 00:16:21,909
and they'd have to spend all this money

366
00:16:19,240 --> 00:16:23,289
and take 4,000 hours of classes and of

367
00:16:21,909 --> 00:16:25,600
course there's no way they can afford to

368
00:16:23,289 --> 00:16:27,309
do that well this one guy took that and

369
00:16:25,600 --> 00:16:29,350
said that I was saying that that was the

370
00:16:27,309 --> 00:16:31,629
only skill they had and their only

371

00:16:29,350 --> 00:16:34,839
choice and no of course I wasn't it was

372
00:16:31,629 --> 00:16:37,600
just an example that when you do have

373
00:16:34,839 --> 00:16:39,790
strong opinions and you do your debating

374
00:16:37,600 --> 00:16:41,589
people online you're bound to get people

375
00:16:39,789 --> 00:16:43,569
criticizing you and praising you at the

376
00:16:41,589 --> 00:16:45,399
same time you I hope you get some good

377
00:16:43,570 --> 00:16:48,220
comments too oh absolutely I've got

378
00:16:45,399 --> 00:16:50,139
enough of a good subscriber base they're

379
00:16:48,220 --> 00:16:52,329
really good they're very encouraging and

380
00:16:50,139 --> 00:16:54,009
if it hadn't been for them I think I

381
00:16:52,328 --> 00:16:56,289
would have given it up a while back is

382
00:16:54,009 --> 00:16:59,799
just not being worth it but you know

383
00:16:56,289 --> 00:17:01,750
every time someone comes on and gives me

384
00:16:59,799 --> 00:17:03,399
encouraging words or helps me attack the

385
00:17:01,750 --> 00:17:05,890

guys who are just making baseless

386

00:17:03,399 --> 00:17:09,130

attacks that really helps a lot you know

387

00:17:05,890 --> 00:17:11,439

the moral support that's excellent well

388

00:17:09,130 --> 00:17:13,329

I encourage everybody to to visit your

389

00:17:11,439 --> 00:17:15,459

your YouTube channel especially because

390

00:17:13,328 --> 00:17:21,338

I really enjoy that and are you on

391

00:17:15,459 --> 00:17:23,230

Twitter I am NOT um oh i know i'm not

392

00:17:21,338 --> 00:17:27,879

i'm not doing much my geek cred by

393

00:17:23,230 --> 00:17:30,400

saying that but I mean I I pilots I

394

00:17:27,880 --> 00:17:33,700

followed some some tweets here and there

395

00:17:30,400 --> 00:17:36,550

it's just I've never really had much to

396

00:17:33,700 --> 00:17:38,529

Twitter about if I have things to say I

397

00:17:36,549 --> 00:17:42,639

usually just wait and put it into a

398

00:17:38,529 --> 00:17:45,369

video and put it online or sometimes

399

00:17:42,640 --> 00:17:45,920

I'll put it on my Facebook page and in

400
00:17:45,369 --> 00:17:48,649
my staff

401
00:17:45,920 --> 00:17:52,850
sir posted as a link or whatever yeah

402
00:17:48,650 --> 00:17:54,860
all right so if people want to see all

403
00:17:52,849 --> 00:17:56,449
that you have to offer online what's the

404
00:17:54,859 --> 00:17:58,699
best thing they can do what's the best

405
00:17:56,450 --> 00:18:01,160
link yeah you know I keep saying I have

406
00:17:58,700 --> 00:18:03,860
to put this all in one place and because

407
00:18:01,160 --> 00:18:06,170
my normal website is Shane Killian org

408
00:18:03,859 --> 00:18:07,549
and I am very bad about not updating

409
00:18:06,170 --> 00:18:10,310
that I don't remember when the last time

410
00:18:07,549 --> 00:18:12,500
I made a blog post on that was but I

411
00:18:10,309 --> 00:18:14,779
have another website for the бага satish

412
00:18:12,500 --> 00:18:16,430
0 which is began studied on TV there's

413
00:18:14,779 --> 00:18:18,559
not a lot there right now but there is

414
00:18:16,430 --> 00:18:20,900
an online forum that you can go and it's

415
00:18:18,559 --> 00:18:22,789
got quite a few users discussing various

416
00:18:20,900 --> 00:18:26,330
things not just from the episodes but

417
00:18:22,789 --> 00:18:28,430
also related issues all right well I

418
00:18:26,329 --> 00:18:31,189
encourage everybody to to check those

419
00:18:28,430 --> 00:18:33,259
out and if you like what Shane does with

420
00:18:31,190 --> 00:18:35,269
his videos especially let him know leave

421
00:18:33,259 --> 00:18:37,339
nice comments and let other people know

422
00:18:35,269 --> 00:18:40,069
about it too well Shane a pleasure to

423
00:18:37,339 --> 00:18:42,289
talk with you and are you going to be

424
00:18:40,069 --> 00:18:44,869
coming to Dragon Con this year no I

425
00:18:42,289 --> 00:18:46,609
don't normally do Dragon Con and the

426
00:18:44,869 --> 00:18:47,779
amazing meeting is my first priority and

427
00:18:46,609 --> 00:18:50,809
I'm not even going to be able to afford

428

00:18:47,779 --> 00:18:53,269
that this year so oh that's that that's

429
00:18:50,809 --> 00:18:55,909
a pretty um said everyone out there

430
00:18:53,269 --> 00:18:58,750
who's listening at am i miss you i love

431
00:18:55,910 --> 00:19:01,070
you hopefully i'll see you next year

432
00:18:58,750 --> 00:19:03,140
well Shane Killian a pleasure to talk

433
00:19:01,069 --> 00:19:05,379
with you and thank you very much well

434
00:19:03,140 --> 00:19:05,380
thank you

435
00:19:14,910 --> 00:19:21,100
hi I'm Theo Clark host and reduce of the

436
00:19:18,220 --> 00:19:23,289
podcast hunting humbug 101 each week I'm

437
00:19:21,099 --> 00:19:25,089
joined by my father Jeff Clark and we

438
00:19:23,289 --> 00:19:27,190
discuss a particular logical fallacy

439
00:19:25,089 --> 00:19:28,689
with real-life examples of fallacies

440
00:19:27,190 --> 00:19:31,090
from pseudo science science

441
00:19:28,690 --> 00:19:34,509
misconceptions politics philosophy and

442
00:19:31,089 --> 00:19:36,879

the media hunting humbug 101 is a

443

00:19:34,509 --> 00:19:38,950

companion podcast to our book humbug the

444

00:19:36,880 --> 00:19:41,170

skeptics field guide to spotting

445

00:19:38,950 --> 00:19:43,870

fallacies in thinking you can download

446

00:19:41,170 --> 00:19:45,910

them and subscribe to our podcast obtain

447

00:19:43,869 --> 00:19:48,129

a free copy of the ebook version of our

448

00:19:45,910 --> 00:19:50,350

book humbug and see many more real

449

00:19:48,130 --> 00:19:57,430

examples of fallacious reasoning at our

450

00:19:50,349 --> 00:20:01,409

website wwx field guide not net now

451

00:19:57,430 --> 00:20:01,410

let's all get back to enjoying the zone

452

00:20:11,460 --> 00:20:16,779

dr. rachey is hitting yourself authority

453

00:20:14,019 --> 00:20:18,819

I'm not surprised at best time today I'm

454

00:20:16,779 --> 00:20:20,230

here with dad no Anand dr. hu we've just

455

00:20:18,819 --> 00:20:22,359

been to the mind body while it's a

456

00:20:20,230 --> 00:20:24,640

little a mini mini my body want to add

457
00:20:22,359 --> 00:20:28,029
our local club in fact and what did we

458
00:20:24,640 --> 00:20:32,259
learn well I learnt that urine can cure

459
00:20:28,029 --> 00:20:36,250
a yes yes and also it can be used as a

460
00:20:32,259 --> 00:20:38,950
substitute for vaccinations yes all

461
00:20:36,250 --> 00:20:40,420
things like well she wasn't specific but

462
00:20:38,950 --> 00:20:42,670
she said anything that you might get

463
00:20:40,420 --> 00:20:46,390
overseas so I guess yellow fever

464
00:20:42,670 --> 00:20:48,070
remember me all you do listen is if you

465
00:20:46,390 --> 00:20:50,980
put a couple of drops of your own urine

466
00:20:48,069 --> 00:20:53,409
under your tongue and what that does is

467
00:20:50,980 --> 00:20:57,220
it activates your immune system yeah and

468
00:20:53,410 --> 00:20:59,080
this is I'm paraphrasing but what it

469
00:20:57,220 --> 00:21:01,539
does is because she's you know what it's

470
00:20:59,079 --> 00:21:03,250
like when you get an immunization you

471
00:21:01,539 --> 00:21:04,569
put little foreign particles into your

472
00:21:03,250 --> 00:21:06,519
body and that causes your immune system

473
00:21:04,569 --> 00:21:09,939
to respond yeah well this is the same

474
00:21:06,519 --> 00:21:11,859
sort of thing now that's what she said

475
00:21:09,940 --> 00:21:14,529
and there's one major major problem with

476
00:21:11,859 --> 00:21:17,769
that concept stuff that comes out of

477
00:21:14,529 --> 00:21:19,389
your way we is by definition coming from

478
00:21:17,769 --> 00:21:22,029
your own body therefore it's your own

479
00:21:19,390 --> 00:21:24,040
proteins etc so you're not going to have

480
00:21:22,029 --> 00:21:25,480
an immune response to that unless you've

481
00:21:24,039 --> 00:21:27,700
got an autoimmune disease then you

482
00:21:25,480 --> 00:21:29,680
stuffed anyway it's all because she had

483
00:21:27,700 --> 00:21:34,420
the perfect answer to all of that when I

484
00:21:29,680 --> 00:21:36,670
asked her why isn't this thing promoted

485

00:21:34,420 --> 00:21:39,009
by the you know why is it was worldwide

486
00:21:36,670 --> 00:21:42,850
news and Nobel prizes it's because large

487
00:21:39,009 --> 00:21:46,089
firm a big farmers suppressing it yeah a

488
00:21:42,849 --> 00:21:48,069
big firm ringing but when you said to

489
00:21:46,089 --> 00:21:49,929
her Richard well but Big Pharma could

490
00:21:48,069 --> 00:21:51,579
make millions of billions of dollars if

491
00:21:49,930 --> 00:21:53,590
they were to harness this and sell it

492
00:21:51,579 --> 00:21:54,730
what was the response oh because no they

493
00:21:53,589 --> 00:21:58,389
can't do that because it's your own

494
00:21:54,730 --> 00:22:00,400
urine I see but they couldn't purify the

495
00:21:58,390 --> 00:22:01,960
active ingredient I do the urine just it

496
00:22:00,400 --> 00:22:03,340
that doesn't come in just this when

497
00:22:01,960 --> 00:22:05,230
things fall to pieces because there's no

498
00:22:03,339 --> 00:22:06,788
active ingredient that's gonna kill HIV

499
00:22:05,230 --> 00:22:09,500

and your

500

00:22:06,788 --> 00:22:11,509

but I have to say like she had a series

501

00:22:09,500 --> 00:22:14,808

of books for sale three dollars each

502

00:22:11,509 --> 00:22:16,579

quite an extensive range maybe 10 now

503

00:22:14,808 --> 00:22:18,589

all written by one guy I've written down

504

00:22:16,579 --> 00:22:20,269

his name because it was much of a water

505

00:22:18,589 --> 00:22:23,449

divining mayor and dousing for health

506

00:22:20,269 --> 00:22:27,500

and also to raise alkaline water the

507

00:22:23,450 --> 00:22:29,480

magic of the papaya train the alkaline

508

00:22:27,500 --> 00:22:31,490

water was about anti-aging that was

509

00:22:29,480 --> 00:22:33,259

apparently what it did so let me just

510

00:22:31,490 --> 00:22:35,240

find this guy isn't it interesting too I

511

00:22:33,259 --> 00:22:37,640

mean I'm today I hadn't listened as I

512

00:22:35,240 --> 00:22:39,919

didn't have my normal control and I

513

00:22:37,640 --> 00:22:42,830

actually had a big guy oh yeah I to

514
00:22:39,919 --> 00:22:45,049
welcome him away well I had to be guided

515
00:22:42,829 --> 00:22:47,480
to kick you I'm not doing with this

516
00:22:45,048 --> 00:22:50,900
woman about it in fact you well this

517
00:22:47,480 --> 00:22:54,110
guy's name is Harold W to hit see mm-hmm

518
00:22:50,900 --> 00:22:55,490
TI 80s at eight so I'm going to look him

519
00:22:54,109 --> 00:22:58,548
up because he apparently has the cure

520
00:22:55,490 --> 00:23:00,470
for everything he does but Diane doesn't

521
00:22:58,548 --> 00:23:03,500
need that because you had some Reiki

522
00:23:00,470 --> 00:23:06,860
done dear I did what was that like it

523
00:23:03,500 --> 00:23:08,779
was very good very relaxing but didn't

524
00:23:06,859 --> 00:23:11,569
do anything else didn't do really

525
00:23:08,779 --> 00:23:13,220
anything no I'm just sat in the chair it

526
00:23:11,569 --> 00:23:14,808
was nice actually when he went the guy

527
00:23:13,220 --> 00:23:16,538
put his hands on my knees that that was

528
00:23:14,808 --> 00:23:20,869
the only thing who was nice about it

529
00:23:16,538 --> 00:23:22,879
sexy Reggie you had some lifeway cure a

530
00:23:20,869 --> 00:23:24,889
treatment don't know when they call it

531
00:23:22,880 --> 00:23:26,530
etches touches it's not it's not a cure

532
00:23:24,890 --> 00:23:28,970
it's not a treatment it's not therapy

533
00:23:26,529 --> 00:23:30,349
but it does alleviate pain no it doesn't

534
00:23:28,970 --> 00:23:32,329
know it doesn't leave yet pendant it's

535
00:23:30,349 --> 00:23:34,849
not a treatment for pain we don't offer

536
00:23:32,329 --> 00:23:36,019
medical advice and I Richard almost blew

537
00:23:34,849 --> 00:23:37,939
my cover a couple of times because

538
00:23:36,019 --> 00:23:40,730
here's a bit cranky today yeah and so

539
00:23:37,940 --> 00:23:42,080
he's lost his temper but I was I've done

540
00:23:40,730 --> 00:23:43,339
a lot of research on lifewave and

541
00:23:42,079 --> 00:23:45,139
readers and listeners would know that

542

00:23:43,339 --> 00:23:47,899
I've written a blog about it and I got a

543
00:23:45,140 --> 00:23:50,120
lots of heated responses to that so I

544
00:23:47,900 --> 00:23:52,179
wanted to get the demonstration from a

545
00:23:50,119 --> 00:23:54,529
distributor to see how it works and

546
00:23:52,179 --> 00:23:57,019
Diane almost got me in trouble as well

547
00:23:54,529 --> 00:23:58,490
because this woman was faked that I had

548
00:23:57,019 --> 00:24:01,250
lower back pain you had to walk away

549
00:23:58,490 --> 00:24:02,720
didn't I am he's under standard yeah but

550
00:24:01,250 --> 00:24:04,339
she was she was fiddling around by

551
00:24:02,720 --> 00:24:05,480
putting these patches on my back and of

552
00:24:04,339 --> 00:24:06,798
course I couldn't see where she was

553
00:24:05,480 --> 00:24:08,298
putting them she just moved them and

554
00:24:06,798 --> 00:24:09,859
she'd say does that feel better has it

555
00:24:08,298 --> 00:24:10,829
does that alleviate your pain more than

556
00:24:09,859 --> 00:24:12,418

it was last time

557

00:24:10,829 --> 00:24:13,949

the matches were actually on your

558

00:24:12,419 --> 00:24:16,080

clothes they weren't actually on your

559

00:24:13,950 --> 00:24:17,819

skin either they were initially on my

560

00:24:16,079 --> 00:24:21,178

clothes then they went on my skin

561

00:24:17,819 --> 00:24:23,158

because my shirt kept moving and that

562

00:24:21,179 --> 00:24:26,429

appellant that was the reason not that

563

00:24:23,159 --> 00:24:27,690

it's yeah not that it has to be on your

564

00:24:26,429 --> 00:24:29,580

skin no no no because they're non

565

00:24:27,690 --> 00:24:31,320

transdermal which means that nothing

566

00:24:29,579 --> 00:24:33,808

passes into your skin from the patches

567

00:24:31,319 --> 00:24:35,129

it's all just in fact she do me she

568

00:24:33,808 --> 00:24:36,990

didn't offer the explanation that they

569

00:24:35,130 --> 00:24:38,580

channel light doesn't already in lives

570

00:24:36,990 --> 00:24:40,589

which was interesting because that's

571
00:24:38,579 --> 00:24:41,908
what's all over the web site but anyway

572
00:24:40,589 --> 00:24:43,259
because i had the patches on my back

573
00:24:41,909 --> 00:24:44,850
where I couldn't see Diane sort of

574
00:24:43,259 --> 00:24:47,519
reached around with her iphone to take a

575
00:24:44,849 --> 00:24:49,349
photo of the patches so that we could

576
00:24:47,519 --> 00:24:52,380
remember later where to put them when we

577
00:24:49,349 --> 00:24:54,000
buy them and she got quite angry did she

578
00:24:52,380 --> 00:24:55,440
sees extent asking why are you taking

579
00:24:54,000 --> 00:24:57,269
pictures what are you taking pictures or

580
00:24:55,440 --> 00:24:59,009
what I said just want to know at what

581
00:24:57,269 --> 00:25:01,500
spot we have to put the caches in so we

582
00:24:59,009 --> 00:25:03,480
know they're effective next time but I

583
00:25:01,500 --> 00:25:05,159
think she was part of the chain isn't

584
00:25:03,480 --> 00:25:07,889
she I think she's probably really book

585
00:25:05,159 --> 00:25:08,880
does believe it they because what

586
00:25:07,888 --> 00:25:10,619
happens is she was doing the

587
00:25:08,880 --> 00:25:13,679
demonstration all day putting these

588
00:25:10,619 --> 00:25:15,329
patches on people and then will often

589
00:25:13,679 --> 00:25:16,830
report they feel a bit better but I was

590
00:25:15,329 --> 00:25:18,720
saying to Diane afterwards I mean I

591
00:25:16,829 --> 00:25:20,189
stood there while she filled she was

592
00:25:18,720 --> 00:25:22,769
actually touching my skin to once again

593
00:25:20,190 --> 00:25:24,210
because she said my shirt was moving so

594
00:25:22,769 --> 00:25:25,710
she had her hands all over my back and

595
00:25:24,210 --> 00:25:27,929
she shifted this patch around to find

596
00:25:25,710 --> 00:25:29,519
the best spots and pain relief and then

597
00:25:27,929 --> 00:25:31,590
what she's doing that she's saying to

598
00:25:29,519 --> 00:25:34,109
you does that help is it does it feel

599

00:25:31,589 --> 00:25:37,349
better does it feel better now and so

600
00:25:34,109 --> 00:25:39,209
you do feel like you're obliged to say

601
00:25:37,349 --> 00:25:40,888
oh yes it does I mean I made it up

602
00:25:39,210 --> 00:25:43,319
anyway so I was bullshitting from the

603
00:25:40,888 --> 00:25:44,819
get-go but if you're there for about

604
00:25:43,319 --> 00:25:46,019
five minutes and your friends are sort

605
00:25:44,819 --> 00:25:48,240
of milling around and there are a few

606
00:25:46,019 --> 00:25:49,620
people and it's not a new extracted to

607
00:25:48,240 --> 00:25:51,058
work it's a public environment you've

608
00:25:49,619 --> 00:25:53,038
got someone all over you touching you

609
00:25:51,058 --> 00:25:56,119
what's he gonna say it feels better yeah

610
00:25:53,038 --> 00:25:58,589
yeah I think so yeah and when I asked to

611
00:25:56,119 --> 00:26:00,359
was it actually treating pain she said

612
00:25:58,589 --> 00:26:03,359
no so I wasn't quite sure what it

613
00:26:00,359 --> 00:26:07,349

actually then she's been told that they

614

00:26:03,359 --> 00:26:09,418

can't make those claims mm-hmm all right

615

00:26:07,349 --> 00:26:11,908

another mommy just that I'm briefly just

616

00:26:09,419 --> 00:26:13,710

mentioned the zu juice or whatever it

617

00:26:11,909 --> 00:26:16,200

was called what's the specials any ideas

618

00:26:13,710 --> 00:26:19,769

xango juice what is it with an X then

619

00:26:16,200 --> 00:26:22,048

it's insane Thank jenga xango juice yeah

620

00:26:19,769 --> 00:26:24,089

this is one of those new miracle drinks

621

00:26:22,048 --> 00:26:25,408

like you know that you get every few

622

00:26:24,089 --> 00:26:27,359

months you hear about the goji berry

623

00:26:25,409 --> 00:26:31,500

that's been released to the Western

624

00:26:27,359 --> 00:26:33,449

world by the Himalayan what this one's

625

00:26:31,500 --> 00:26:35,788

made from it's not like the Yeti is a

626

00:26:33,450 --> 00:26:37,590

complete possibly deities make this

627

00:26:35,788 --> 00:26:39,690

stuff do they are these went Diane

628
00:26:37,589 --> 00:26:42,418
whether they come from visit from Asia

629
00:26:39,690 --> 00:26:45,480
yeah made from mangosteen yeah

630
00:26:42,419 --> 00:26:47,610
mangosteen which is the fruit and it's

631
00:26:45,480 --> 00:26:49,230
encased in our hearts of the casing and

632
00:26:47,609 --> 00:26:51,959
there's a soft fruit inside but it's the

633
00:26:49,230 --> 00:26:53,970
whole kit and caboodle is crushed up to

634
00:26:51,960 --> 00:26:56,850
make this amazing antioxidant cures

635
00:26:53,970 --> 00:26:58,589
everything blah blah and she had a book

636
00:26:56,849 --> 00:27:01,678
on other areas they're just a good

637
00:26:58,589 --> 00:27:05,579
little packet here is a sample size ok

638
00:27:01,679 --> 00:27:08,730
thank me in GAO xing go folks mangosteen

639
00:27:05,579 --> 00:27:14,788
beverage yeah and it's in French as well

640
00:27:08,730 --> 00:27:17,579
this says go soul or megastores but she

641
00:27:14,788 --> 00:27:20,158
had a book which was is written by a

642
00:27:17,579 --> 00:27:22,619
doctor physician who is also

643
00:27:20,159 --> 00:27:25,049
interestingly a chiropractor before

644
00:27:22,619 --> 00:27:27,178
himself a pirate captain physician yeah

645
00:27:25,048 --> 00:27:29,548
and he all over the literature it said

646
00:27:27,179 --> 00:27:32,610
doctor but not doctor of chiropractic so

647
00:27:29,548 --> 00:27:34,950
misleading and he had 82 different

648
00:27:32,609 --> 00:27:39,449
things that this stuff would alleviate

649
00:27:34,950 --> 00:27:41,009
and or cure only 82 82 you yeah what an

650
00:27:39,450 --> 00:27:43,710
interesting thing it is to come to these

651
00:27:41,009 --> 00:27:45,569
now if we both look over all three of us

652
00:27:43,710 --> 00:27:49,259
look over towards the bar there see the

653
00:27:45,569 --> 00:27:51,750
bar see right number she's expect me to

654
00:27:49,259 --> 00:27:53,220
Nixon intraplate and see you at the very

655
00:27:51,750 --> 00:27:54,359
end there's a machine dispensing

656

00:27:53,220 --> 00:27:59,190
something can you tell me what the big

657
00:27:54,359 --> 00:28:00,178
science is nuts and I think that sums it

658
00:27:59,190 --> 00:28:01,619
up for today

659
00:28:00,179 --> 00:28:05,059
thank you doctor oh gee thanks

660
00:28:01,618 --> 00:28:05,058
registered iron pinky

661
00:28:18,669 --> 00:28:23,778
australian museum members is the

662
00:28:21,679 --> 00:28:27,500
membership branch of the Australian

663
00:28:23,778 --> 00:28:29,929
Museum in Sydney Australia the members

664
00:28:27,500 --> 00:28:32,599
broad role is to support the museum's

665
00:28:29,929 --> 00:28:35,600
work by providing a forum to highlight

666
00:28:32,599 --> 00:28:38,178
its exhibitions and scientific research

667
00:28:35,599 --> 00:28:40,849
in addition the members provides an

668
00:28:38,179 --> 00:28:43,399
arena for discussion of wider scientific

669
00:28:40,849 --> 00:28:45,709
social and cultural issues but most

670
00:28:43,398 --> 00:28:48,439

importantly the members enables the

671

00:28:45,710 --> 00:28:55,370

community to become directly involved in

672

00:28:48,440 --> 00:28:56,950

the museum's activities and I'm here now

673

00:28:55,369 --> 00:28:59,418

at the office of Australian Museum

674

00:28:56,950 --> 00:29:01,340

members and I'm speaking with Kate

675

00:28:59,419 --> 00:29:03,500

Murray who's the executive officer and

676

00:29:01,339 --> 00:29:06,709

Serena Todd who's the Events Coordinator

677

00:29:03,500 --> 00:29:08,148

hello hi hi Richard it's really nice to

678

00:29:06,710 --> 00:29:10,429

see you both again of course we're old

679

00:29:08,148 --> 00:29:12,288

friends the Australian Skeptics

680

00:29:10,429 --> 00:29:14,509

especially if had a long and very good

681

00:29:12,288 --> 00:29:17,480

relationship here with the Australian

682

00:29:14,509 --> 00:29:19,250

Museum yes absolutely and you yourself

683

00:29:17,480 --> 00:29:20,839

have been a member a private member for

684

00:29:19,250 --> 00:29:22,609

a long time as well I have indeed a

685
00:29:20,839 --> 00:29:24,349
card-carrying one in fact that's how I

686
00:29:22,609 --> 00:29:26,538
got into the museum today I flashed my

687
00:29:24,349 --> 00:29:29,028
card excellent i flash my card and you

688
00:29:26,538 --> 00:29:31,700
know came now just briefly for our

689
00:29:29,028 --> 00:29:33,230
listeners can you Kate can you tell us

690
00:29:31,700 --> 00:29:35,798
what are the benefits of becoming

691
00:29:33,230 --> 00:29:38,329
involved with trillion museum members

692
00:29:35,798 --> 00:29:40,250
well australian museum membership

693
00:29:38,329 --> 00:29:41,960
provides you with the opportunity to

694
00:29:40,250 --> 00:29:44,298
come to the australian museum every day

695
00:29:41,960 --> 00:29:46,009
of the year you get to come to all of

696
00:29:44,298 --> 00:29:47,990
our events you get advance notice for

697
00:29:46,009 --> 00:29:49,878
all of those discounts for all of those

698
00:29:47,990 --> 00:29:51,710
you get to the come to the australia

699
00:29:49,878 --> 00:29:53,028
museum shop buy all your gifts and

700
00:29:51,710 --> 00:29:55,278
purchases some of them are quite unique

701
00:29:53,028 --> 00:29:57,109
you get a discount for all of those you

702
00:29:55,278 --> 00:29:58,788
get the Australian Museum magazine sent

703
00:29:57,109 --> 00:30:00,408
to your door you get an email newsletter

704
00:29:58,788 --> 00:30:02,778
every month and a range of other

705
00:30:00,409 --> 00:30:04,250
benefits the other really important

706
00:30:02,778 --> 00:30:06,409
thing about membership is that it's

707
00:30:04,250 --> 00:30:08,089
supporting Australia's first museum to

708
00:30:06,409 --> 00:30:10,159
continue its good work so through

709
00:30:08,089 --> 00:30:11,778
Australia museum members we gave a

710
00:30:10,159 --> 00:30:13,820
hundred thousand dollars to the new

711
00:30:11,778 --> 00:30:16,429
museum dinosaur gallery just last year

712
00:30:13,819 --> 00:30:18,619
that's fantastic and I think we'll get

713

00:30:16,429 --> 00:30:20,119
to the dinosaur gallery a bit later on

714
00:30:18,619 --> 00:30:21,829
because there's a there's a very strong

715
00:30:20,118 --> 00:30:22,668
connection therewith Australian skeptics

716
00:30:21,829 --> 00:30:25,038
which would too

717
00:30:22,669 --> 00:30:26,960
talk about soon um you know what I

718
00:30:25,038 --> 00:30:28,878
didn't realize that there were so many

719
00:30:26,960 --> 00:30:30,919
benefits and i'm a member myself so

720
00:30:28,878 --> 00:30:32,538
there you go that's fantastic oh one of

721
00:30:30,919 --> 00:30:34,700
our challenges is to let all I members

722
00:30:32,538 --> 00:30:36,230
know just how large the range of

723
00:30:34,700 --> 00:30:38,690
benefits are so everyone can make the

724
00:30:36,230 --> 00:30:40,548
best advantage of them yeah I think that

725
00:30:38,690 --> 00:30:43,249
that's wonderful i said the shop here is

726
00:30:40,548 --> 00:30:45,288
fantastic but i really do love the

727
00:30:43,249 --> 00:30:48,739

events and the talks and all the things

728

00:30:45,288 --> 00:30:50,898

that you have that throughout the year

729

00:30:48,739 --> 00:30:53,690

in fact can you tell me some some of the

730

00:30:50,898 --> 00:30:56,538

more recent ones you've had our events

731

00:30:53,690 --> 00:30:58,970

have a broad range we do everything from

732

00:30:56,538 --> 00:31:02,118

night talks to kids events including

733

00:30:58,970 --> 00:31:04,788

sleepovers leap overs yeah dude asleep

734

00:31:02,118 --> 00:31:06,769

oh oh wow I've got to sleep in the

735

00:31:04,788 --> 00:31:10,038

dinosaur gallery sleep like like that

736

00:31:06,769 --> 00:31:13,278

movie The the museum yes yes there you

737

00:31:10,038 --> 00:31:15,499

go and what are the talks are especially

738

00:31:13,278 --> 00:31:17,749

good oh I might just a switch over to

739

00:31:15,499 --> 00:31:20,720

Serena who is the events coordinator of

740

00:31:17,749 --> 00:31:24,200

course so the talks that we do range

741

00:31:20,720 --> 00:31:27,669

from amber to dementia to Sydney in the

742
00:31:24,200 --> 00:31:30,048
Ice Age geology astronomy psychology

743
00:31:27,669 --> 00:31:31,580
finances anything you want to know you

744
00:31:30,048 --> 00:31:33,829
can come here and learn about it that's

745
00:31:31,579 --> 00:31:35,599
true and I've attended many talks here

746
00:31:33,829 --> 00:31:37,368
myself and I've even had the pleasure of

747
00:31:35,599 --> 00:31:39,378
giving wow that's right Richard in fact

748
00:31:37,368 --> 00:31:41,449
I was very well attended that was that

749
00:31:39,378 --> 00:31:43,158
was enormous amount of fun i really

750
00:31:41,450 --> 00:31:45,379
enjoyed giving that talk but again

751
00:31:43,159 --> 00:31:46,609
coming here to the little theatre right

752
00:31:45,378 --> 00:31:48,769
here you have here in the Australian

753
00:31:46,608 --> 00:31:50,599
museum they're here the such the range

754
00:31:48,769 --> 00:31:52,608
of talks that you have is staggering

755
00:31:50,599 --> 00:31:54,858
what's a real treasure we have that

756
00:31:52,608 --> 00:31:56,689
little thinner air that fits 150 people

757
00:31:54,858 --> 00:31:59,538
and given on any given Thursday night

758
00:31:56,690 --> 00:32:01,278
you can pop in and spend an hour at the

759
00:31:59,538 --> 00:32:04,608
Museum learning something about your

760
00:32:01,278 --> 00:32:07,009
world of about the museum last week we

761
00:32:04,608 --> 00:32:08,868
had a talk on amber next week we're

762
00:32:07,009 --> 00:32:10,519
having a talk on Sydney in the Ice Age

763
00:32:08,868 --> 00:32:11,868
which relates to our climate change

764
00:32:10,519 --> 00:32:13,819
exhibition which is also on at the

765
00:32:11,868 --> 00:32:17,089
moment it's hard to imagine isn't it

766
00:32:13,819 --> 00:32:18,528
Sydney in the eye side yes that's where

767
00:32:17,089 --> 00:32:21,138
you come here to find out that's what

768
00:32:18,528 --> 00:32:22,999
you come here to find out now what's it

769
00:32:21,138 --> 00:32:25,778
like both of you what's it like working

770

00:32:22,999 --> 00:32:29,149
for a great institution like a museum

771
00:32:25,778 --> 00:32:30,419
well from my perspective I love working

772
00:32:29,148 --> 00:32:31,798
at the Australian Museum

773
00:32:30,419 --> 00:32:34,259
the first Museum in Australia

774
00:32:31,798 --> 00:32:37,489
established at approximately 18 27 and

775
00:32:34,259 --> 00:32:41,038
so we are helping to continue the

776
00:32:37,489 --> 00:32:44,999
tradition of that amazing museum so just

777
00:32:41,038 --> 00:32:46,349
in you know 1830 when people would come

778
00:32:44,999 --> 00:32:48,778
here and this is an amazing place to

779
00:32:46,349 --> 00:32:50,368
come these days is exactly the same

780
00:32:48,778 --> 00:32:51,659
concept and we're continuing that

781
00:32:50,368 --> 00:32:53,819
tradition of course there's new things

782
00:32:51,659 --> 00:32:55,619
now we have some multimedia we have

783
00:32:53,819 --> 00:32:57,989
websites we have all this extra staff

784
00:32:55,618 --> 00:32:59,970

but the core essence of the museum is

785

00:32:57,989 --> 00:33:01,200

still here and that's what's meet and

786

00:32:59,970 --> 00:33:03,839

what makes it exciting because we're

787

00:33:01,200 --> 00:33:05,519

continuing on that exciting unit in rich

788

00:33:03,839 --> 00:33:08,128

history yeah and you're having a lot of

789

00:33:05,519 --> 00:33:09,839

fun to the same yeah it's quite fun it's

790

00:33:08,128 --> 00:33:11,788

a very prestigious Museum obviously so

791

00:33:09,839 --> 00:33:13,230

when you might invite someone to speak

792

00:33:11,788 --> 00:33:15,148

their honored and flattered that you've

793

00:33:13,230 --> 00:33:16,528

invited them so it's a great positioning

794

00:33:15,148 --> 00:33:19,378

tool to put together a really good

795

00:33:16,528 --> 00:33:21,569

program yeah it's a good sense of pride

796

00:33:19,378 --> 00:33:24,418

working here I'm sure it is i mean i was

797

00:33:21,569 --> 00:33:25,618

quite on a planet and i tell you what I

798

00:33:24,419 --> 00:33:27,989

what it wouldn't one of the things I

799
00:33:25,618 --> 00:33:30,388
love about your attitude is both of you

800
00:33:27,989 --> 00:33:32,220
have a fantastically fun attitude to

801
00:33:30,388 --> 00:33:34,258
your work I remember coming here a few

802
00:33:32,220 --> 00:33:35,970
years ago to a costume party and I could

803
00:33:34,259 --> 00:33:40,730
hardly recognized you both you're done

804
00:33:35,970 --> 00:33:40,730
up like a French for a nice on source on

805
00:33:41,720 --> 00:33:46,528
what will you be full we were leopards

806
00:33:44,128 --> 00:33:49,048
like one I remember being in one but we

807
00:33:46,528 --> 00:33:51,089
were also ghosts of Christmas past for

808
00:33:49,048 --> 00:33:52,349
our skeletons gallery right so and

809
00:33:51,089 --> 00:33:54,628
that's currently being refurbished and

810
00:33:52,349 --> 00:33:56,488
will open again shortly so there's lots

811
00:33:54,628 --> 00:33:58,498
of interesting skeletons to see in there

812
00:33:56,489 --> 00:34:00,929
in case anyone wants to oh that's a very

813
00:33:58,499 --> 00:34:03,868
famous gallery the skeleton one actually

814
00:34:00,929 --> 00:34:05,519
because if listeners cast their mind

815
00:34:03,868 --> 00:34:09,269
back a few years to the movie superman

816
00:34:05,519 --> 00:34:11,369
returns ah Lex Luthor has seen wandering

817
00:34:09,269 --> 00:34:14,909
through a museum and it was this very

818
00:34:11,369 --> 00:34:16,789
museum yes what that's right we were

819
00:34:14,909 --> 00:34:19,289
here on the night that were filming Oh

820
00:34:16,789 --> 00:34:23,210
someone even shared a lift with Kevin

821
00:34:19,289 --> 00:34:25,558
Spacey I was told ah but not you know oh

822
00:34:23,210 --> 00:34:27,179
but we have another opportunity coming

823
00:34:25,559 --> 00:34:29,819
up very soon to get dressed up again in

824
00:34:27,179 --> 00:34:32,490
costume the museum is opening a major

825
00:34:29,818 --> 00:34:33,159
Egyptian exhibition towards at the end

826
00:34:32,489 --> 00:34:34,538
of this year

827

00:34:33,159 --> 00:34:36,099
and as part of it we're going to do at

828
00:34:34,539 --> 00:34:37,839
least one evening where we will

829
00:34:36,099 --> 00:34:41,619
encourage everyone to come dressed up as

830
00:34:37,838 --> 00:34:43,659
Egyptian gods and things um yeah we like

831
00:34:41,619 --> 00:34:45,579
to dress up and currently I noticed her

832
00:34:43,659 --> 00:34:48,369
on my way down to two to meet you today

833
00:34:45,579 --> 00:34:50,950
the mammoth there's a mammoth exhibition

834
00:34:48,369 --> 00:34:52,599
here woolly mammoths the woolly mammoths

835
00:34:50,949 --> 00:34:54,759
yes that's another theme for our

836
00:34:52,599 --> 00:34:56,859
sleepover so we had a mammoth mega snore

837
00:34:54,760 --> 00:34:58,420
a few weeks ago where kids got to learn

838
00:34:56,858 --> 00:35:00,038
about kids and their parents got to

839
00:34:58,420 --> 00:35:03,309
learn about mammoths and all things in

840
00:35:00,039 --> 00:35:05,530
the Ice Age do you stay over we dare you

841
00:35:03,309 --> 00:35:09,250

do we do and sleeping bags or something

842

00:35:05,530 --> 00:35:11,789

really I said fun thing we put our heart

843

00:35:09,250 --> 00:35:14,170

and soul into it you do yeah how much

844

00:35:11,789 --> 00:35:16,630

how much of your program is geared

845

00:35:14,170 --> 00:35:18,490

towards the younger we're finding that

846

00:35:16,630 --> 00:35:21,010

it really is moving that way and we have

847

00:35:18,489 --> 00:35:22,449

a core audience that come to our talks

848

00:35:21,010 --> 00:35:24,460

in the evening that are its adult

849

00:35:22,449 --> 00:35:26,019

education but we're noticing that we

850

00:35:24,460 --> 00:35:28,269

have a huge amount of families joining

851

00:35:26,019 --> 00:35:29,469

and coming on so we're really trying to

852

00:35:28,269 --> 00:35:31,179

gear things towards kids these days

853

00:35:29,469 --> 00:35:33,098

we've got a halloween party coming up on

854

00:35:31,179 --> 00:35:35,230

the thirty-first of october and then a

855

00:35:33,099 --> 00:35:37,630

sleepover to celebrate the egyptian

856
00:35:35,230 --> 00:35:39,608
exhibition which we have mummies nor so

857
00:35:37,630 --> 00:35:43,690
yeah we're working on I think I'm

858
00:35:39,608 --> 00:35:48,068
detecting a snoring theme yes everything

859
00:35:43,690 --> 00:35:49,539
is they do snore babies no I'm now apart

860
00:35:48,068 --> 00:35:52,329
from the wonderful things that you have

861
00:35:49,539 --> 00:35:54,390
centered around the museum you also go

862
00:35:52,329 --> 00:35:58,720
further afield of course for the

863
00:35:54,389 --> 00:36:01,629
australian museum members yes we do

864
00:35:58,719 --> 00:36:05,919
different tours recent overseas tours

865
00:36:01,630 --> 00:36:08,559
include the Galapagos Islands Antarctica

866
00:36:05,920 --> 00:36:11,260
coming up we have a tour to Egypt and

867
00:36:08,559 --> 00:36:13,539
one to Africa I'm Lord Howe Island oh

868
00:36:11,260 --> 00:36:16,299
I'm in closer to home we've got our Lord

869
00:36:13,539 --> 00:36:18,099
Howe Island trip coming up and more

870
00:36:16,298 --> 00:36:20,409
recently we also did a trip to Lizard

871
00:36:18,099 --> 00:36:22,690
Island to the Australian museum's Lizard

872
00:36:20,409 --> 00:36:25,480
Island research station off the coast of

873
00:36:22,690 --> 00:36:26,889
cans or the Great Barrier Reef and we

874
00:36:25,480 --> 00:36:29,139
also did a trip around out back New

875
00:36:26,889 --> 00:36:32,409
South Wales so one of the reasons to

876
00:36:29,139 --> 00:36:34,179
come with the Australian Museum to visit

877
00:36:32,409 --> 00:36:36,509
the world is because you get to hang out

878
00:36:34,179 --> 00:36:39,250
with like minded people you get to learn

879
00:36:36,510 --> 00:36:41,230
all in a bit of a fun environment and

880
00:36:39,250 --> 00:36:44,119
again it's supporting the museum and you

881
00:36:41,230 --> 00:36:45,980
have expert people involved with us

882
00:36:44,119 --> 00:36:48,259
of course so we have experts to get the

883
00:36:45,980 --> 00:36:50,449
best information that you can get we

884

00:36:48,260 --> 00:36:52,310
also try and arrange some exclusive

885
00:36:50,449 --> 00:36:54,919
things that other people would not have

886
00:36:52,309 --> 00:36:57,980
the chance to do so we'll go behind the

887
00:36:54,920 --> 00:37:00,349
scenes of a particular museum will go

888
00:36:57,980 --> 00:37:02,719
and meet the preeminent expert on

889
00:37:00,349 --> 00:37:04,339
various things we sort of go that extra

890
00:37:02,719 --> 00:37:08,299
layout to make it a really unique

891
00:37:04,340 --> 00:37:10,640
experience and it's not it's very

892
00:37:08,300 --> 00:37:12,410
educational it's not boring educational

893
00:37:10,639 --> 00:37:14,150
it's very educational but with a social

894
00:37:12,409 --> 00:37:16,730
aspects on sort of the best of both

895
00:37:14,150 --> 00:37:18,320
worlds and now we have quite a few

896
00:37:16,730 --> 00:37:20,329
takers for our Lord Howe Island trip

897
00:37:18,320 --> 00:37:23,539
which is in November this you we have

898
00:37:20,329 --> 00:37:24,590

one or two spaces left but yeah I

899

00:37:23,539 --> 00:37:26,150
remember to come forward with

900

00:37:24,590 --> 00:37:28,309
suggestions of other places in the world

901

00:37:26,150 --> 00:37:29,960
they'd like to see and we listened to

902

00:37:28,309 --> 00:37:31,820
that and then try to arrange trips in

903

00:37:29,960 --> 00:37:33,980
connection that's certainly how the

904

00:37:31,820 --> 00:37:35,750
recent Antarctica trip came off because

905

00:37:33,980 --> 00:37:38,090
a lot of people wanted to go there did

906

00:37:35,750 --> 00:37:40,760
you go I actually did go on that

907

00:37:38,090 --> 00:37:43,370
particular trip amazing experience

908

00:37:40,760 --> 00:37:46,160
amazing part of the world everybody I've

909

00:37:43,369 --> 00:37:48,650
ever met who's gone there says exactly

910

00:37:46,159 --> 00:37:50,929
the same thing they just blown away by

911

00:37:48,650 --> 00:37:52,789
it all yeah it is it is really amazing

912

00:37:50,929 --> 00:37:55,699
and I mean the key reason we're here is

913
00:37:52,789 --> 00:37:58,219
to allow people to become members of the

914
00:37:55,699 --> 00:38:00,169
museum and just for the museum but to

915
00:37:58,219 --> 00:38:02,719
allow them to learn about their world so

916
00:38:00,170 --> 00:38:06,130
part of that process was taking a group

917
00:38:02,719 --> 00:38:08,179
of them to Antarctica and so part of the

918
00:38:06,130 --> 00:38:10,250
experience of that from my perspective

919
00:38:08,179 --> 00:38:12,289
is interacting with those people and

920
00:38:10,250 --> 00:38:14,210
being with them as they have that

921
00:38:12,289 --> 00:38:16,130
amazing experience must be a wonderful

922
00:38:14,210 --> 00:38:18,110
feeling of community of like-minded

923
00:38:16,130 --> 00:38:21,559
people especially on an adventure like

924
00:38:18,110 --> 00:38:23,090
that yes and there is a definite

925
00:38:21,559 --> 00:38:25,639
community that occurs a lot of people

926
00:38:23,090 --> 00:38:27,380
actually strike up friendships they then

927
00:38:25,639 --> 00:38:30,049
we've had some people who've come on

928
00:38:27,380 --> 00:38:31,610
some of our troops Serena and I both did

929
00:38:30,050 --> 00:38:33,019
explore our back new south wales and

930
00:38:31,610 --> 00:38:35,030
there are some people who came on that

931
00:38:33,019 --> 00:38:37,400
became friends and then they came to

932
00:38:35,030 --> 00:38:39,560
Lizard Island with us oh so that's

933
00:38:37,400 --> 00:38:42,139
another part of Australia museum members

934
00:38:39,559 --> 00:38:45,409
it's about education and community but

935
00:38:42,139 --> 00:38:48,289
it's also about social interaction so

936
00:38:45,409 --> 00:38:50,299
there's many many layers to it and it is

937
00:38:48,289 --> 00:38:52,630
it is in rest of the community we often

938
00:38:50,300 --> 00:38:54,890
arranged on reunions after the trips and

939
00:38:52,630 --> 00:38:56,510
so it is about that sort of connect

940
00:38:54,889 --> 00:38:58,759
it's not just about numbers and things

941

00:38:56,510 --> 00:38:59,900
it's about people community and that

942
00:38:58,760 --> 00:39:01,160
kind of thing the great thing about

943
00:38:59,900 --> 00:39:02,630
doing it through the Australian Museum

944
00:39:01,159 --> 00:39:03,920
as once again the connections so you

945
00:39:02,630 --> 00:39:05,838
wouldn't you would be able to get into

946
00:39:03,920 --> 00:39:08,659
many museums overseas or behind the

947
00:39:05,838 --> 00:39:09,949
scenes at another museum it's it's a

948
00:39:08,659 --> 00:39:12,710
great way to make connections and to

949
00:39:09,949 --> 00:39:14,509
learn more deeply and you know in the

950
00:39:12,710 --> 00:39:15,769
places that you go you wouldn't just be

951
00:39:14,510 --> 00:39:17,269
going to tourist places you'd be really

952
00:39:15,768 --> 00:39:21,278
getting into the really

953
00:39:17,268 --> 00:39:24,048
behind-the-scenes special experiences oh

954
00:39:21,278 --> 00:39:25,940
now we've just come upstairs here to the

955
00:39:24,048 --> 00:39:28,460

dinosaur gallery ladies isn't this

956

00:39:25,940 --> 00:39:30,920

fantastic yes it's a great space this

957

00:39:28,460 --> 00:39:34,068

jolly museum opened this new space just

958

00:39:30,920 --> 00:39:36,829

recently in fact i think was last year

959

00:39:34,068 --> 00:39:38,690

sometime from memory yes about one year

960

00:39:36,829 --> 00:39:41,690

ago about a year ago but what a

961

00:39:38,690 --> 00:39:43,579

fantastic use of this room up here at

962

00:39:41,690 --> 00:39:45,650

the top of the stairs and let's have a

963

00:39:43,579 --> 00:39:48,318

look at this a giant dinosaur welcomes

964

00:39:45,650 --> 00:39:50,240

us on our arrival and if we just sneak

965

00:39:48,318 --> 00:39:52,909

around the corner here we can see a huge

966

00:39:50,239 --> 00:39:54,618

video display and if we wait long enough

967

00:39:52,909 --> 00:39:57,679

dinosaurs come and feed at the water

968

00:39:54,619 --> 00:39:59,269

don't they yeah this is what happened 95

969

00:39:57,679 --> 00:40:02,509

million years ago at Whitsun in

970
00:39:59,268 --> 00:40:04,219
Queensland I've been there actually yeah

971
00:40:02,509 --> 00:40:06,289
yeah I've been I've seen the tracks it's

972
00:40:04,219 --> 00:40:07,969
fascinating all sorts of fossils there's

973
00:40:06,289 --> 00:40:09,500
things for people to look at and touch

974
00:40:07,969 --> 00:40:10,759
and feel which is really important I

975
00:40:09,500 --> 00:40:12,500
think a lot of kids would love to do

976
00:40:10,759 --> 00:40:14,088
that it's a great use of space in it to

977
00:40:12,500 --> 00:40:16,759
Herot obviously a heritage gallery that

978
00:40:14,088 --> 00:40:18,108
was concealed before so all the cladding

979
00:40:16,759 --> 00:40:19,548
that had concealed all the heritage

980
00:40:18,108 --> 00:40:21,739
features have been pulled off so it's

981
00:40:19,548 --> 00:40:23,750
really nice with the building and the

982
00:40:21,739 --> 00:40:25,368
dinosaurs no I can hear now the

983
00:40:23,750 --> 00:40:29,480
Australian Museum of course as you are

984
00:40:25,369 --> 00:40:30,680
saying before hello no no going to

985
00:40:29,480 --> 00:40:32,358
swords yet while we're waiting for the

986
00:40:30,679 --> 00:40:34,788
dinosaurs to come australian museum

987
00:40:32,358 --> 00:40:37,670
members of course were instrumental in

988
00:40:34,789 --> 00:40:41,240
this gallery weren't they yes we

989
00:40:37,670 --> 00:40:43,970
provided \$100,000 towards this gallery

990
00:40:41,239 --> 00:40:45,649
we have a long tradition of providing as

991
00:40:43,969 --> 00:40:48,500
much support to the external museum as

992
00:40:45,650 --> 00:40:49,910
we can and \$100,000 to this new

993
00:40:48,500 --> 00:40:52,518
dinosaurs gallery was our most recent

994
00:40:49,909 --> 00:40:55,199
contribution it's just one money well

995
00:40:52,518 --> 00:40:58,529
spent so interesting and such a will

996
00:40:55,199 --> 00:41:01,230
Oh thunder and lightning motor

997
00:40:58,530 --> 00:41:02,339
redemption there's a giant video display

998

00:41:01,230 --> 00:41:06,358
in front of it since like an ancient

999
00:41:02,338 --> 00:41:09,358
sort of creek or a river or lake and we

1000
00:41:06,358 --> 00:41:11,699
just it's it's it's all over a wall here

1001
00:41:09,358 --> 00:41:14,400
on at the gallery we're just waiting for

1002
00:41:11,699 --> 00:41:15,868
the dinosaurs to come it's all the

1003
00:41:14,400 --> 00:41:18,059
anticipation but while we're waiting for

1004
00:41:15,869 --> 00:41:20,940
the dinosaurs to come if we step over

1005
00:41:18,059 --> 00:41:23,880
this way a bit and we look up my

1006
00:41:20,940 --> 00:41:26,550
goodness mean look at that everyone it's

1007
00:41:23,880 --> 00:41:28,289
a feathered dinosaur now I had to have a

1008
00:41:26,550 --> 00:41:30,930
look at this and a mention of this

1009
00:41:28,289 --> 00:41:33,570
because the feathered dinosaurs here

1010
00:41:30,929 --> 00:41:37,440
were actually originally sponsored by

1011
00:41:33,570 --> 00:41:39,150
Australian skeptics yeah so that's our

1012
00:41:37,440 --> 00:41:41,220

little contribution to this wonderful

1013

00:41:39,150 --> 00:41:42,809
gallery and every time I come here I

1014

00:41:41,219 --> 00:41:44,459
always have a good look at the old

1015

00:41:42,809 --> 00:41:45,989
feathered dinosaurs doesn't doesn't that

1016

00:41:44,460 --> 00:41:47,369
look fantastic he looks like he's just

1017

00:41:45,989 --> 00:41:49,199
about to jump down and eat you in paper

1018

00:41:47,369 --> 00:41:51,510
well thank you very much that's

1019

00:41:49,199 --> 00:41:53,159
fantastic thank you yes at the time I

1020

00:41:51,510 --> 00:41:55,260
remember it was a great pleasure for us

1021

00:41:53,159 --> 00:41:56,819
to do that down here we have some

1022

00:41:55,260 --> 00:41:58,050
recreations of what it smelt like at the

1023

00:41:56,820 --> 00:41:59,940
time of the dinosaurs what kind of

1024

00:41:58,050 --> 00:42:03,000
plants were around and some of the

1025

00:41:59,940 --> 00:42:05,700
smaller dinosaurs Annette baby dinosaurs

1026

00:42:03,000 --> 00:42:07,050
and eggs in oh yeah so if you come over

1027
00:42:05,699 --> 00:42:09,838
here you can actually smell what it

1028
00:42:07,050 --> 00:42:11,609
smells like smell a dinosaur well that's

1029
00:42:09,838 --> 00:42:14,210
an interesting concept so we're just

1030
00:42:11,608 --> 00:42:18,949
walking around the the displays now oh

1031
00:42:14,210 --> 00:42:18,949
here it is I'll have a little smile

1032
00:42:19,530 --> 00:42:29,160
do I have I'm not sure I've never

1033
00:42:23,010 --> 00:42:31,740
smelled the dinosaur become final sort

1034
00:42:29,159 --> 00:42:34,559
of bigots oh he thinks it Estelle sounds

1035
00:42:31,739 --> 00:42:40,139
like dinosaurs here yes he does she love

1036
00:42:34,559 --> 00:42:42,779
dinosaurs oh he does he's a bit shy here

1037
00:42:40,139 --> 00:42:48,059
that interaction yeah sniffing the

1038
00:42:42,780 --> 00:42:51,840
visual and audio discover how they lived

1039
00:42:48,059 --> 00:42:53,880
died and survived excellent one last

1040
00:42:51,840 --> 00:42:55,680
look shall we try a showy tempt fate and

1041
00:42:53,880 --> 00:42:56,940
walk around the corner again and you

1042
00:42:55,679 --> 00:42:59,250
also find out whether or not that come

1043
00:42:56,940 --> 00:43:03,500
to life mmm if you do sleep there oh

1044
00:42:59,250 --> 00:43:07,079
really secrets are revealed

1045
00:43:03,500 --> 00:43:10,139
we can only hope other now this is very

1046
00:43:07,079 --> 00:43:12,389
exciting as we as we stand here believe

1047
00:43:10,139 --> 00:43:15,150
some birds to show that the the

1048
00:43:12,389 --> 00:43:18,269
evolutionary link between dinosaurs and

1049
00:43:15,150 --> 00:43:19,769
birds and in about 30 seconds times

1050
00:43:18,269 --> 00:43:21,750
we're going to 30 seconds time we're

1051
00:43:19,769 --> 00:43:24,239
going to actually see some dinosaurs yes

1052
00:43:21,750 --> 00:43:26,659
but I can't make please Oh everything

1053
00:43:24,239 --> 00:43:26,659
gets dark

1054
00:43:33,849 --> 00:43:43,239
here he comes dinosaurs just come across

1055

00:43:39,889 --> 00:43:45,109
the landscape now I don't scare him away

1056
00:43:43,239 --> 00:43:50,029
there's lots of kids here they're

1057
00:43:45,110 --> 00:43:54,860
transfixed he's having a dream very

1058
00:43:50,030 --> 00:43:56,150
real-looking it is everyone's under

1059
00:43:54,860 --> 00:43:58,099
gallery has stopped and they're all

1060
00:43:56,150 --> 00:44:04,160
staring this huge dinosaur that's just

1061
00:43:58,099 --> 00:44:08,989
appeared on war then what it looks like

1062
00:44:04,159 --> 00:44:11,809
it's splashing out of sna dreams I think

1063
00:44:08,989 --> 00:44:14,109
I can hear another one think you might

1064
00:44:11,809 --> 00:44:14,110
be right

1065
00:44:14,329 --> 00:44:21,559
he's just walking away my little destino

1066
00:44:19,909 --> 00:44:24,529
model does he know it's like being David

1067
00:44:21,559 --> 00:44:28,690
and Barack there's a whole little flock

1068
00:44:24,530 --> 00:44:28,690
of them little dinosaurs an outcome

1069
00:44:36,400 --> 00:44:42,849

fascinating that is about 10 Oakland

1070

00:44:38,900 --> 00:44:42,849
rule strike like tigers

1071

00:44:42,980 --> 00:44:51,590
little two-legged ansel no babies ladies

1072

00:44:47,139 --> 00:44:54,440
it's about babies have come across in a

1073

00:44:51,590 --> 00:44:57,079
big stream everyone here sitting

1074

00:44:54,440 --> 00:45:04,909
transfixed the babies are kind of feed

1075

00:44:57,079 --> 00:45:08,269
with their parents from the river do

1076

00:45:04,909 --> 00:45:14,589
something else something lurking in the

1077

00:45:08,269 --> 00:45:14,590
bushes in the bushes Oh panic

1078

00:45:15,469 --> 00:45:19,179
it's a theropod to media

1079

00:45:19,440 --> 00:45:23,929
you know there's a scattering there's

1080

00:45:21,059 --> 00:45:23,929
one stuck in the mother's

1081

00:45:29,300 --> 00:45:36,039
oh dear now he's looking at us

1082

00:45:39,179 --> 00:45:43,210
well wasn't that exciting did you get

1083

00:45:42,039 --> 00:45:47,199
this out of the bones crunching under

1084
00:45:43,210 --> 00:45:48,670
his feet I did I did we better get out

1085
00:45:47,199 --> 00:45:53,139
of here I think before next one comes

1086
00:45:48,670 --> 00:45:55,750
from so Serena do you do you find with

1087
00:45:53,139 --> 00:45:57,940
australian museum members people have a

1088
00:45:55,750 --> 00:45:59,860
real sense of belonging and pride a

1089
00:45:57,940 --> 00:46:02,710
pride in such a wonderful institution

1090
00:45:59,860 --> 00:46:04,360
name is joy museum they absolutely do

1091
00:46:02,710 --> 00:46:05,650
it's so nice to hear people's comments

1092
00:46:04,360 --> 00:46:07,059
when they come out of 12 so when they

1093
00:46:05,650 --> 00:46:09,940
just pop into her office within us an

1094
00:46:07,059 --> 00:46:11,650
email about how proud they are and we

1095
00:46:09,940 --> 00:46:13,090
and the money that we gave recently

1096
00:46:11,650 --> 00:46:15,579
truth the dinosaurs gallery if we just

1097
00:46:13,090 --> 00:46:17,200
discussed yeah it gives them a huge

1098
00:46:15,579 --> 00:46:18,849
sense of pride and it gives their

1099
00:46:17,199 --> 00:46:19,750
children their grandchildren pride they

1100
00:46:18,849 --> 00:46:21,639
can come here and say with my

1101
00:46:19,750 --> 00:46:24,159
grandparents gave money to get that it's

1102
00:46:21,639 --> 00:46:26,049
just you know in time memorial it's just

1103
00:46:24,159 --> 00:46:27,730
going to be everlasting what the

1104
00:46:26,050 --> 00:46:29,410
Australian Museum is a wonderful way to

1105
00:46:27,730 --> 00:46:31,869
spend an afternoon I can vouch for that

1106
00:46:29,409 --> 00:46:33,579
having spent many afternoons here and I

1107
00:46:31,869 --> 00:46:37,059
sincerely encourage everybody to join

1108
00:46:33,579 --> 00:46:39,219
australian museum members now Kate how

1109
00:46:37,059 --> 00:46:40,869
can people go about this well people can

1110
00:46:39,219 --> 00:46:44,949
join up in a variety of ways they can

1111
00:46:40,869 --> 00:46:47,319
certainly call us on 9320 6 225 and we

1112

00:46:44,949 --> 00:46:50,199
can talk them through the process over

1113
00:46:47,320 --> 00:46:54,730
the phone otherwise they can look on the

1114
00:46:50,199 --> 00:46:57,879
internet and go through that process wws

1115
00:46:54,730 --> 00:47:01,329
tralian museum net au forward slash

1116
00:46:57,880 --> 00:47:03,430
members thank you otherwise you can

1117
00:47:01,329 --> 00:47:04,900
actually pop into the museum itself talk

1118
00:47:03,429 --> 00:47:06,460
to the friendly people at the front desk

1119
00:47:04,900 --> 00:47:07,599
and mention that you'd like to join up

1120
00:47:06,460 --> 00:47:09,880
and they can talk you through that

1121
00:47:07,599 --> 00:47:11,980
process so yeah there's a variety of

1122
00:47:09,880 --> 00:47:14,710
different different ways to do it here

1123
00:47:11,980 --> 00:47:16,990
last time I came to see you about

1124
00:47:14,710 --> 00:47:21,190
renewing I signed up for another two

1125
00:47:16,989 --> 00:47:23,109
years so that's how be no good to hear

1126
00:47:21,190 --> 00:47:24,909

well look I can't thank you enough it's

1127

00:47:23,110 --> 00:47:27,099

been a wonderful chance to catch up with

1128

00:47:24,909 --> 00:47:29,619

you both again to my old friends of

1129

00:47:27,099 --> 00:47:31,960

course here at the Australian Museum and

1130

00:47:29,619 --> 00:47:33,969

australian museum members Kate Murray

1131

00:47:31,960 --> 00:47:37,800

and serene and Todd thank you very much

1132

00:47:33,969 --> 00:47:37,799

for your time thank you famous for sure

1133

00:47:45,938 --> 00:47:49,969

thank you for listening to the skeptic

1134

00:47:48,498 --> 00:47:52,578

zone and thank you to all the people

1135

00:47:49,969 --> 00:47:53,838

here at the amazing meeting who came up

1136

00:47:52,579 --> 00:47:57,079

to me and told me that they were in fact

1137

00:47:53,838 --> 00:47:59,418

listening to the skeptic zone next week

1138

00:47:57,079 --> 00:48:02,149

the full episodes back with the grain of

1139

00:47:59,418 --> 00:48:04,639

salt dr. Reggie reports and the think

1140

00:48:02,148 --> 00:48:07,938

tank until then it's goodbye from

1141
00:48:04,639 --> 00:48:13,728
Richard Saunders signing off from Las

1142
00:48:07,938 --> 00:48:16,658
Vegas Nevada you've been listening to

1143
00:48:13,728 --> 00:48:20,658
the skeptic zone visit our website at

1144
00:48:16,659 --> 00:48:25,209
www scripting zoomtv for comments

1145
00:48:20,659 --> 00:48:25,209
contacts and extra video reports

1146
00:48:25,900 --> 00:48:28,900
guilty

1147
00:48:43,630 --> 00:48:45,690
you