

**SKEPTIC
ZONE**



**THINKING CAPS
MUST BE WORN
IN THIS AREA**

The
Podcast
from
Australia
for
Science
and
Reason

www.skepticzone.tv

1
00:00:27,439 --> 00:00:23,189
hello and welcome to the skeptic zone

2
00:00:30,450 --> 00:00:27,449
sure number 38 for the tenth of July

3
00:00:33,209 --> 00:00:30,460
2009 the Richardson is here with you in

4
00:00:35,850 --> 00:00:33,219
fact i'm also at the amazing meeting

5
00:00:38,160 --> 00:00:35,860
right now in las vegas with james randi

6
00:00:41,160 --> 00:00:38,170
Phil Plait with all those other skeptics

7
00:00:43,139 --> 00:00:41,170
so if you are also at the amazing

8
00:00:45,780 --> 00:00:43,149
meeting let me know if you hear the

9
00:00:48,569 --> 00:00:45,790
podcast on today's episode we have an

10
00:00:50,310 --> 00:00:48,579
interview with Shane Killian Shane is

11
00:00:52,910 --> 00:00:50,320
very well known on the internet for

12
00:00:56,999 --> 00:00:52,920
producing some very interesting

13
00:00:59,549 --> 00:00:57,009

debunking type videos and after that we

14

00:01:02,100 --> 00:00:59,559

have a sort of a a mini mini think tank

15

00:01:06,210 --> 00:01:02,110

where dr. retching and Diane and I

16

00:01:09,450 --> 00:01:06,220

discuss a visit to a mini mini mind-body

17

00:01:11,520 --> 00:01:09,460

wallet festival that's followed by an

18

00:01:15,090 --> 00:01:11,530

interview with Kate Murray and Serena

19

00:01:18,480 --> 00:01:15,100

todd from australian museum members and

20

00:01:21,749 --> 00:01:18,490

that includes a dinosaur or two so sit

21

00:01:24,840 --> 00:01:21,759

back have a cup of what will be this

22

00:01:25,910 --> 00:01:24,850

week cappuccino and enjoy the skeptic

23

00:01:40,260 --> 00:01:25,920

zone

24

00:01:46,359 --> 00:01:43,599

Shane Killian is a graphic designer a

25

00:01:48,940 --> 00:01:46,369

business owner and a single father of

26

00:01:52,059 --> 00:01:48,950

two he's a musician who plays several

27

00:01:54,849 --> 00:01:52,069

instruments and also a dancer and says

28

00:01:56,709 --> 00:01:54,859

tango is his favorite he's also a

29

00:01:59,139 --> 00:01:56,719

skeptic and spend some of his spare time

30

00:02:02,289 --> 00:01:59,149

making YouTube videos debunking

31

00:02:04,510 --> 00:02:02,299

misinformation wherever he finds it he's

32

00:02:07,449 --> 00:02:04,520

a fan of both science and politics and

33

00:02:12,920 --> 00:02:07,459

he takes any opportunity he can not only

34

00:02:18,979 --> 00:02:16,849

and joining me now on the line from

35

00:02:20,720 --> 00:02:18,989

North Carolina which to me is the other

36

00:02:23,929 --> 00:02:20,730

side of the world of course is Shane

37

00:02:25,789 --> 00:02:23,939

Kelly and hello Shane hello hello very

38

00:02:28,910 --> 00:02:25,799

good to be with you now I have been

39

00:02:30,559 --> 00:02:28,920

really enjoying your tremendous series

40

00:02:32,270 --> 00:02:30,569

of videos that you've been putting up on

41

00:02:34,849 --> 00:02:32,280

YouTube and I must say your production

42

00:02:36,830 --> 00:02:34,859

standards a IRA cut above the normal

43

00:02:39,800 --> 00:02:36,840

thing you see on youtube what why are

44

00:02:42,050 --> 00:02:39,810

you so inspired to do all this work well

45

00:02:44,899 --> 00:02:42,060

there are a lot of reasons obviously I

46

00:02:47,270 --> 00:02:44,909

have all this information in my head and

47

00:02:51,050 --> 00:02:47,280

all of these opinions I'd like to get

48

00:02:52,640 --> 00:02:51,060

out and before doing a blog you'd have

49

00:02:55,759 --> 00:02:52,650

to sit down and type the blog and edit

50

00:02:58,309 --> 00:02:55,769

and put it up and with a video you can

51
00:03:00,199 --> 00:02:58,319
do something that's visual you can do it

52
00:03:03,440 --> 00:03:00,209
with sound and it's just so much more

53
00:03:06,229 --> 00:03:03,450
fulfilling to me and I thoroughly enjoy

54
00:03:08,599 --> 00:03:06,239
doing that what inspired you originally

55
00:03:09,970 --> 00:03:08,609
to do it was too was it to counter some

56
00:03:13,069 --> 00:03:09,980
of the claims you were seeing online

57
00:03:15,530 --> 00:03:13,079
yeah I've been involved in the creation

58
00:03:18,920 --> 00:03:15,540
ISM debate for something like 20 years

59
00:03:20,960 --> 00:03:18,930
on a Thompson's inside-out skeptic over

60
00:03:23,210 --> 00:03:20,970
on using it and it's kind of grown from

61
00:03:25,189 --> 00:03:23,220
there and I think I've learned more

62
00:03:27,409 --> 00:03:25,199
science doing meth and I ever learned in

63
00:03:31,490 --> 00:03:27,419

any science class it's just amazing and

64

00:03:34,520 --> 00:03:31,500

i started doing videos about two and a

65

00:03:36,170 --> 00:03:34,530

half years ago I had an accident and I

66

00:03:38,479 --> 00:03:36,180

had to be in the hospital bed and a

67

00:03:39,890 --> 00:03:38,489

wheelchair for a while and so for a

68

00:03:42,890 --> 00:03:39,900

while there was kind of like my only

69

00:03:44,869 --> 00:03:42,900

link with the outside world and so I

70

00:03:50,390 --> 00:03:44,879

started been videos and really started

71

00:03:53,659 --> 00:03:50,400

getting into doing that and i think my

72

00:03:55,729 --> 00:03:53,669

first debunking was of an astrologer

73

00:03:59,300 --> 00:03:55,739

James Young that might have been my

74

00:04:01,550 --> 00:03:59,310

first one and he made a few videos he

75

00:04:03,679 --> 00:04:01,560

made one where he tried to Reba James

76

00:04:07,580 --> 00:04:03,689

Randi and one were you trying to rebut

77

00:04:10,479 --> 00:04:07,590

Bill Nye and a couple of others and so I

78

00:04:12,770 --> 00:04:10,489

decided to go after him and that kind of

79

00:04:17,360 --> 00:04:12,780

kind of started something that's become

80

00:04:19,999 --> 00:04:17,370

a bit of a mild obsession I think so but

81

00:04:22,069 --> 00:04:20,009

I'm glad it is in a way because that

82

00:04:25,279 --> 00:04:22,079

they are very interesting videos and you

83

00:04:26,619 --> 00:04:25,289

do put time into making them look quite

84

00:04:29,390 --> 00:04:26,629

good I think you use

85

00:04:31,390 --> 00:04:29,400

some keying effects and some very

86

00:04:34,879 --> 00:04:31,400

interesting slow motion effects

87

00:04:38,899 --> 00:04:34,889

specifically when you are talk about the

88

00:04:40,129 --> 00:04:38,909

gravity on the moon and the one-sixth

89

00:04:42,710 --> 00:04:40,139

gravity can you tell me a little bit

90

00:04:46,909 --> 00:04:42,720

more about that yeah I believe you're

91

00:04:48,950 --> 00:04:46,919

talking about when I was debating one

92

00:04:52,460 --> 00:04:48,960

aspect of the moon hooks with a guy

93

00:04:54,649 --> 00:04:52,470

named Gerald white and I was trying to

94

00:04:58,070 --> 00:04:54,659

prove to him what you can easily show

95

00:05:02,089 --> 00:04:58,080

mathematically the gravity on earth is

96

00:05:07,010 --> 00:05:02,099

about six times that of the moon and the

97

00:05:09,170 --> 00:05:07,020

square root of six is about 2.46 and so

98

00:05:11,029 --> 00:05:09,180

that is about the ratio of the levels of

99

00:05:13,790 --> 00:05:11,039

freefall if you drop something on the

100

00:05:16,309 --> 00:05:13,800

moon it'll take about two point four six

101
00:05:19,520 --> 00:05:16,319
times longer to hit the ground then it

102
00:05:21,170 --> 00:05:19,530
will on earth and jerra white was saying

103
00:05:23,059 --> 00:05:21,180
that wasn't true that it was one hundred

104
00:05:24,680 --> 00:05:23,069
and fifty percent and I was saying it

105
00:05:30,020 --> 00:05:24,690
was two hundred forty six percent so I

106
00:05:33,800 --> 00:05:30,030
did we had a piece of video of i believe

107
00:05:37,790 --> 00:05:33,810
it was john young i forget which Apollo

108
00:05:40,909 --> 00:05:37,800
mission that was 15 I think but on

109
00:05:43,550 --> 00:05:40,919
anyway he did this jump salud where he

110
00:05:45,050 --> 00:05:43,560
jumped up in the air and saluted and the

111
00:05:47,749 --> 00:05:45,060
other guy took the picture and there's

112
00:05:49,670 --> 00:05:47,759
video of that sort of from behind and

113
00:05:52,249 --> 00:05:49,680

you can see sort of how high he jumps

114

00:05:55,850 --> 00:05:52,259

and so what I did was I dropped a weight

115

00:05:58,519 --> 00:05:55,860

from that same height and then that gave

116

00:06:00,890 --> 00:05:58,529

me a video that I could use you take the

117

00:06:03,769 --> 00:06:00,900

moon video and you speed it up two

118

00:06:05,869 --> 00:06:03,779

hundred forty six percent and they both

119

00:06:07,279 --> 00:06:05,879

fall at the same rate you take mine and

120

00:06:09,920 --> 00:06:07,289

you slow it down the appropriate amount

121

00:06:12,980 --> 00:06:09,930

they both followed the same rate uh-huh

122

00:06:16,760 --> 00:06:12,990

and he's still going on about it he

123

00:06:18,499 --> 00:06:16,770

still doesn't accept it I think it's

124

00:06:21,469 --> 00:06:18,509

very convincing the way you did it when

125

00:06:24,680 --> 00:06:21,479

you had both and you're dropping things

126
00:06:27,140 --> 00:06:24,690
from knee height for example and slow it

127
00:06:30,589 --> 00:06:27,150
down right that was about how high he

128
00:06:33,260 --> 00:06:30,599
jumped which is really difficult to do I

129
00:06:35,120 --> 00:06:33,270
mean try it sometime so you people say

130
00:06:36,589 --> 00:06:35,130
oh you should have been able to jump

131
00:06:38,490 --> 00:06:36,599
higher than that well it's hard to jump

132
00:06:40,650 --> 00:06:38,500
that high on earth with

133
00:06:43,140 --> 00:06:40,660
on a 70 kilogram pack and I don't know

134
00:06:45,270 --> 00:06:43,150
how much the rest of the suit ways yeah

135
00:06:49,320 --> 00:06:45,280
bulky and hard to move in and he managed

136
00:06:52,140 --> 00:06:49,330
to jump knee high and also I like the

137
00:06:55,560 --> 00:06:52,150
way that you show that the the so-called

138
00:07:00,320 --> 00:06:55,570

wires used to hold up the the astronauts

139

00:07:03,540 --> 00:07:00,330

on the moon we're in fact glinting um

140

00:07:05,610 --> 00:07:03,550

Arizona the backpack in tenor yeah the

141

00:07:08,010 --> 00:07:05,620

back pocket antenna glinting and when

142

00:07:12,150 --> 00:07:08,020

you explain it it's so obvious but when

143

00:07:13,680 --> 00:07:12,160

I must admit on first viewing and your

144

00:07:15,680 --> 00:07:13,690

opponent is pointing out look you can

145

00:07:17,880 --> 00:07:15,690

clearly see the wire here glinting and

146

00:07:20,250 --> 00:07:17,890

then you talked about the fact that even

147

00:07:22,290 --> 00:07:20,260

the best special effects people in the

148

00:07:24,540 --> 00:07:22,300

late 60s couldn't have achieved that

149

00:07:26,970 --> 00:07:24,550

effect I'm talking specifically about

150

00:07:29,130 --> 00:07:26,980

the guy from what was it a 2001 a space

151
00:07:30,960 --> 00:07:29,140
odyssey 2001 a Space Odyssey Douglas

152
00:07:32,970 --> 00:07:30,970
Trumbull was the special effects

153
00:07:34,560 --> 00:07:32,980
supervisor and what he did was when you

154
00:07:39,240 --> 00:07:34,570
see the scenes of them floating around

155
00:07:41,970 --> 00:07:39,250
in zero-g the camera is like on or near

156
00:07:44,100 --> 00:07:41,980
the ground pointing upward so even

157
00:07:46,230 --> 00:07:44,110
though it may look like it's shooting

158
00:07:48,630 --> 00:07:46,240
from the side the whole set is to the

159
00:07:50,730 --> 00:07:48,640
side the cameras pointing upward the

160
00:07:53,370 --> 00:07:50,740
actors hanging down and then the cable

161
00:07:56,969 --> 00:07:53,380
is then behind the actor so you don't

162
00:07:59,190 --> 00:07:56,979
have to worry about hiding it right so I

163
00:08:01,920 --> 00:07:59,200

okay this is that that makes it clear I

164

00:08:05,700 --> 00:08:01,930

understand that now so but for Hollywood

165

00:08:07,830 --> 00:08:05,710

in the late 60s to have removed wires

166

00:08:08,880 --> 00:08:07,840

from frames and things we simply add the

167

00:08:10,860 --> 00:08:08,890

question they didn't have that

168

00:08:14,610 --> 00:08:10,870

technology right they would have had to

169

00:08:16,950 --> 00:08:14,620

do it optically and you know there may

170

00:08:18,810 --> 00:08:16,960

be some tricks you can try with contrast

171

00:08:21,570 --> 00:08:18,820

but it would mess up how the rest of the

172

00:08:23,490 --> 00:08:21,580

picture looks and of course if they try

173

00:08:25,440 --> 00:08:23,500

and airbrush it then each frame would be

174

00:08:27,210 --> 00:08:25,450

a little different some people actually

175

00:08:29,130 --> 00:08:27,220

try that you can actually see the little

176

00:08:30,780 --> 00:08:29,140

jiggling edges of the brush from frame

177

00:08:32,270 --> 00:08:30,790

to frame so it's not like today where

178

00:08:34,860 --> 00:08:32,280

you can just put it in a computer and

179

00:08:36,450 --> 00:08:34,870

then paint it out and it seems

180

00:08:40,560 --> 00:08:36,460

extraordinary to me that they go to so

181

00:08:43,740 --> 00:08:40,570

much trouble to if it was a hoax and yet

182

00:08:45,720 --> 00:08:43,750

still have things like wires in the in

183

00:08:47,850 --> 00:08:45,730

the image at all they would simply not

184

00:08:50,519 --> 00:08:47,860

notice that and let it let that go out

185

00:08:52,170 --> 00:08:50,529

to the public it's just amazing why

186

00:08:54,989 --> 00:08:52,180

what they go through all the trouble of

187

00:08:58,439 --> 00:08:54,999

making everyone fall at the exact

188

00:09:04,259 --> 00:08:58,449

freefall amount and then leave a rock

189

00:09:06,119 --> 00:09:04,269

with the c label showing up absolutely

190

00:09:08,850 --> 00:09:06,129

right yeah it is crazy but you know

191

00:09:11,819 --> 00:09:08,860

people still still buying into it it's

192

00:09:13,679 --> 00:09:11,829

amazing so you obviously have an

193

00:09:15,449 --> 00:09:13,689

enormous amount of fun with those videos

194

00:09:18,090 --> 00:09:15,459

and as I said before you do put some

195

00:09:20,220 --> 00:09:18,100

time into the production values because

196

00:09:22,139 --> 00:09:20,230

you use lots of backdrops and all that

197

00:09:24,299 --> 00:09:22,149

will slowing down and speeding up and

198

00:09:26,009 --> 00:09:24,309

inserts and all sorts of things and you

199

00:09:29,249 --> 00:09:26,019

also have a good series about

200

00:09:30,749 --> 00:09:29,259

creationism which I quite enjoy I what's

201
00:09:33,449 --> 00:09:30,759
next what are you planning some more

202
00:09:35,340 --> 00:09:33,459
videos I'm planning more episodes of

203
00:09:38,280 --> 00:09:35,350
Baga city but it's extremely difficult

204
00:09:40,110 --> 00:09:38,290
to make so those are probably going to

205
00:09:43,199 --> 00:09:40,120
be somewhere on the level of six

206
00:09:46,019 --> 00:09:43,209
episodes a year and I usually make three

207
00:09:48,210 --> 00:09:46,029
at a time right now I've kind of got it

208
00:09:51,929 --> 00:09:48,220
on hold because i'm working on a DVD of

209
00:09:53,009 --> 00:09:51,939
the first six ru reshooting are you just

210
00:09:55,170 --> 00:09:53,019
going to use what you've shot already

211
00:09:57,059 --> 00:09:55,180
know that there's a bit of reshooting in

212
00:10:00,210 --> 00:09:57,069
a little bit of remastering and some

213
00:10:02,400 --> 00:10:00,220

Corrections that I have to do but it's

214

00:10:03,629 --> 00:10:02,410

pretty much the episodes as they are but

215

00:10:04,470 --> 00:10:03,639

there are going to be commentaries

216

00:10:06,900 --> 00:10:04,480

they're going to be some special

217

00:10:09,660 --> 00:10:06,910

features and so there's there's going to

218

00:10:11,189 --> 00:10:09,670

be some extra stuff on there oh I look

219

00:10:14,910 --> 00:10:11,199

forward to that that'll be fantastic

220

00:10:16,860 --> 00:10:14,920

because your videos are so enjoyable now

221

00:10:20,189 --> 00:10:16,870

for our listeners who want to visit your

222

00:10:24,769 --> 00:10:20,199

YouTube site where do they head to that

223

00:10:29,879 --> 00:10:24,779

will be youtube.com slash shane DK

224

00:10:31,199 --> 00:10:29,889

saanddk excellent excellent so everybody

225

00:10:33,090 --> 00:10:31,209

after you've listened to the skeptic

226

00:10:35,549 --> 00:10:33,100

zone today have a look at those videos

227

00:10:38,189 --> 00:10:35,559

there they're really very interesting

228

00:10:40,009 --> 00:10:38,199

videos now I want to talk briefly about

229

00:10:42,900 --> 00:10:40,019

something which many Australians are

230

00:10:44,400 --> 00:10:42,910

unaware of simply because we don't seem

231

00:10:46,710 --> 00:10:44,410

to have a similar thing in this country

232

00:10:50,280 --> 00:10:46,720

is your involvement with the Libertarian

233

00:10:53,429 --> 00:10:50,290

Party is the party yes it's a party can

234

00:10:54,720 --> 00:10:53,439

you tell out our listeners fill them in

235

00:10:57,540 --> 00:10:54,730

a little bit about the philosophy and

236

00:10:59,759 --> 00:10:57,550

the thinking behind that well I probably

237

00:11:04,139 --> 00:10:59,769

have to go back to the founding of the

238

00:11:04,740 --> 00:11:04,149

country because obviously we in the

239

00:11:07,500 --> 00:11:04,750

revolution

240

00:11:10,350 --> 00:11:07,510

overthrew King George and people were

241

00:11:12,390 --> 00:11:10,360

very very leery about a central power

242

00:11:15,000 --> 00:11:12,400

because they didn't want to just replace

243

00:11:17,700 --> 00:11:15,010

one tyrant with another and so they made

244

00:11:19,890 --> 00:11:17,710

a very very limited government and if

245

00:11:21,630 --> 00:11:19,900

you read our Constitution there's a part

246

00:11:23,520 --> 00:11:21,640

in there it's article 1 section 8 where

247

00:11:25,020 --> 00:11:23,530

it's just a list of things the federal

248

00:11:28,260 --> 00:11:25,030

government can do and there aren't many

249

00:11:30,090 --> 00:11:28,270

and yeah I mean of course they couldn't

250

00:11:32,100 --> 00:11:30,100

foresee things like a space program and

251
00:11:33,750 --> 00:11:32,110
things like that but really just a lot

252
00:11:34,950 --> 00:11:33,760
of the things that people think are

253
00:11:36,180 --> 00:11:34,960
functions of government are things

254
00:11:39,810 --> 00:11:36,190
they're not really supposed to be doing

255
00:11:41,940 --> 00:11:39,820
under the Constitution and so many

256
00:11:43,500 --> 00:11:41,950
people think that our government has

257
00:11:47,190 --> 00:11:43,510
just gone out of control and you can see

258
00:11:49,350 --> 00:11:47,200
some of this in my videos and in fact an

259
00:11:52,980 --> 00:11:49,360
episode 4 of Baga citty there's actually

260
00:11:55,110 --> 00:11:52,990
footage of a raid on a South Carolina

261
00:11:56,760 --> 00:11:55,120
high school they did a drug raid and

262
00:11:58,860 --> 00:11:56,770
didn't find any drugs but I mean they

263
00:12:01,920 --> 00:11:58,870

had all these students you know laid

264

00:12:05,400 --> 00:12:01,930

down on the sides of the hallways and

265

00:12:08,520 --> 00:12:05,410

the police actually had their guns drawn

266

00:12:09,930 --> 00:12:08,530

pointed at the students and so so many

267

00:12:12,770 --> 00:12:09,940

of us are just thinking that this has

268

00:12:15,720 --> 00:12:12,780

just gotten way way out of control that

269

00:12:18,180 --> 00:12:15,730

about the only way you can prevent the

270

00:12:21,180 --> 00:12:18,190

abuse of power is to take away the power

271

00:12:23,190 --> 00:12:21,190

to abuse and so we believe that

272

00:12:26,970 --> 00:12:23,200

government should be limited to a few

273

00:12:30,329 --> 00:12:26,980

functions police national defense the

274

00:12:34,410 --> 00:12:30,339

court system and pretty much let society

275

00:12:37,260 --> 00:12:34,420

take care of everything else I see so is

276
00:12:40,790 --> 00:12:37,270
that more a federal issue you're worried

277
00:12:43,770 --> 00:12:40,800
about or more locally state issues well

278
00:12:45,840 --> 00:12:43,780
it's all of it the party works on all

279
00:12:48,210 --> 00:12:45,850
levels the National Party of course is

280
00:12:49,829 --> 00:12:48,220
concerned with national elections and

281
00:12:52,950 --> 00:12:49,839
most of our national elections are

282
00:12:54,270 --> 00:12:52,960
actually state elections because the

283
00:12:57,240 --> 00:12:54,280
states have their own Senators and

284
00:12:59,640 --> 00:12:57,250
Representatives and the states actually

285
00:13:01,860 --> 00:12:59,650
elect the President of each state is a

286
00:13:03,480 --> 00:13:01,870
lot at a certain number of electors so

287
00:13:05,070 --> 00:13:03,490
really they're all state elections but

288
00:13:07,170 --> 00:13:05,080

yeah we're worried about federal levels

289

00:13:09,750 --> 00:13:07,180

and worried about state and local levels

290

00:13:13,770 --> 00:13:09,760

any time we think government has gone

291

00:13:18,390 --> 00:13:13,780

beyond the basic defense and protection

292

00:13:19,890 --> 00:13:18,400

and safety of society OIC yo

293

00:13:21,540 --> 00:13:19,900

think we quite have something like that

294

00:13:24,540 --> 00:13:21,550

in Australia although they're all sorts

295

00:13:26,430 --> 00:13:24,550

of political parties and lobby groups in

296

00:13:28,890 --> 00:13:26,440

here and they may well be some people

297

00:13:31,320 --> 00:13:28,900

here with similar a similar sort of out

298

00:13:33,450 --> 00:13:31,330

looked to to the libertarians maybe

299

00:13:36,780 --> 00:13:33,460

there'll be a branch here who knows

300

00:13:39,300 --> 00:13:36,790

maybe there are others popping up I keep

301
00:13:41,400 --> 00:13:39,310
hearing up all over the world there's a

302
00:13:45,030 --> 00:13:41,410
couple litter forming in South America

303
00:13:47,010 --> 00:13:45,040
and other places so who knows there's so

304
00:13:49,830 --> 00:13:47,020
many different areas of interest you

305
00:13:53,520 --> 00:13:49,840
have in your online presence do you do

306
00:13:57,030 --> 00:13:53,530
receive much feedback good and bad good

307
00:13:58,650 --> 00:13:57,040
bad and ugly I don't want to get into a

308
00:14:00,420 --> 00:13:58,660
lot of it right now because it's so

309
00:14:03,390 --> 00:14:00,430
recent the wounds are pretty deep but

310
00:14:04,830 --> 00:14:03,400
I've got a couple of users basically who

311
00:14:07,290 --> 00:14:04,840
couldn't refute when I said so they've

312
00:14:10,530 --> 00:14:07,300
made a couple of very vicious videos

313
00:14:13,680 --> 00:14:10,540

trying to expose me as a racist Oh Dan

314

00:14:16,440 --> 00:14:13,690

that understand I grew up in the south I

315

00:14:18,000 --> 00:14:16,450

grew up with the Ku Klux Klan there was

316

00:14:21,420 --> 00:14:18,010

one point when i was living in

317

00:14:23,310 --> 00:14:21,430

greensboro the Klan murdered a family

318

00:14:26,040 --> 00:14:23,320

living two apartment buildings down for

319

00:14:29,250 --> 00:14:26,050

me so that's a very personal thing for

320

00:14:32,610 --> 00:14:29,260

me and i have not taken it well but yeah

321

00:14:35,940 --> 00:14:32,620

so instead of maybe attacking your

322

00:14:39,150 --> 00:14:35,950

arguments like any decent person would

323

00:14:40,800 --> 00:14:39,160

right we have people trying to attack

324

00:14:43,590 --> 00:14:40,810

other aspects which aren't relevant

325

00:14:45,480 --> 00:14:43,600

relevant to the points you make in your

326

00:14:47,840 --> 00:14:45,490

videos for example if some if what

327

00:14:50,790 --> 00:14:47,850

someone disagrees with you about your

328

00:14:52,500 --> 00:14:50,800

creationism videos or your moon hoax

329

00:14:54,540 --> 00:14:52,510

videos instead of attacking the points

330

00:14:57,540 --> 00:14:54,550

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

331

00:14:59,040 --> 00:14:57,550

not unheard of yeah well that's well one

332

00:15:01,260 --> 00:14:59,050

of the points was this was one of my

333

00:15:03,000 --> 00:15:01,270

political videos and I was pointing out

334

00:15:05,370 --> 00:15:03,010

that there's a lot of things that our

335

00:15:08,310 --> 00:15:05,380

government is doing in this country that

336

00:15:10,770 --> 00:15:08,320

holds down minorities and not

337

00:15:12,720 --> 00:15:10,780

necessarily things that have passed with

338

00:15:14,250 --> 00:15:12,730

you know some racist person who comes a

339

00:15:17,490 --> 00:15:14,260

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

340

00:15:22,530 --> 00:15:17,500

it's mostly unintended consequences but

341

00:15:24,950 --> 00:15:22,540

one was um was the licensing laws most

342

00:15:29,940 --> 00:15:24,960

states have licensing laws about

343

00:15:32,040 --> 00:15:29,950

cosmetology and it's mostly something

344

00:15:35,130 --> 00:15:32,050

one of us here called corporatism where

345

00:15:36,660 --> 00:15:35,140

you're making laws that favor the

346

00:15:38,460 --> 00:15:36,670

existing businesses and the big

347

00:15:40,980 --> 00:15:38,470

corporations making it difficult for

348

00:15:43,860 --> 00:15:40,990

people to form startups and compete with

349

00:15:48,120 --> 00:15:43,870

them and what's happening is in a lot of

350

00:15:51,630 --> 00:15:48,130

cities all over America there are you

351

00:15:53,519 --> 00:15:51,640

have so much of a disproportionate

352

00:15:57,329 --> 00:15:53,529

representative of blacks in impoverished

353

00:15:58,920 --> 00:15:57,339

areas we still have that even here in

354

00:16:01,079 --> 00:15:58,930

the 21st century and it's a crying shame

355

00:16:03,000 --> 00:16:01,089

but a lot of them have been trying to

356

00:16:04,980 --> 00:16:03,010

start up their own businesses and they

357

00:16:09,090 --> 00:16:04,990

run afoul of these licensing laws and

358

00:16:11,699 --> 00:16:09,100

the example I used was of young black

359

00:16:13,440 --> 00:16:11,709

women doing hair braiding and they'd

360

00:16:15,569 --> 00:16:13,450

said a pair brain listen government

361

00:16:17,550 --> 00:16:15,579

would come in and shut them down because

362

00:16:19,230 --> 00:16:17,560

they didn't have a cosmetology license

363

00:16:21,900 --> 00:16:19,240

and they'd have to spend all this money

364

00:16:23,280 --> 00:16:21,910

and take 4,000 hours of classes and of

365

00:16:25,590 --> 00:16:23,290

course there's no way they can afford to

366

00:16:27,300 --> 00:16:25,600

do that well this one guy took that and

367

00:16:29,340 --> 00:16:27,310

said that I was saying that that was the

368

00:16:31,620 --> 00:16:29,350

only skill they had and their only

369

00:16:34,829 --> 00:16:31,630

choice and no of course I wasn't it was

370

00:16:37,590 --> 00:16:34,839

just an example that when you do have

371

00:16:39,780 --> 00:16:37,600

strong opinions and you do your debating

372

00:16:41,579 --> 00:16:39,790

people online you're bound to get people

373

00:16:43,560 --> 00:16:41,589

criticizing you and praising you at the

374

00:16:45,389 --> 00:16:43,570

same time you I hope you get some good

375

00:16:48,210 --> 00:16:45,399

comments too oh absolutely I've got

376

00:16:50,130 --> 00:16:48,220

enough of a good subscriber base they're

377

00:16:52,319 --> 00:16:50,140

really good they're very encouraging and

378

00:16:54,000 --> 00:16:52,329

if it hadn't been for them I think I

379

00:16:56,280 --> 00:16:54,010

would have given it up a while back is

380

00:16:59,790 --> 00:16:56,290

just not being worth it but you know

381

00:17:01,740 --> 00:16:59,800

every time someone comes on and gives me

382

00:17:03,389 --> 00:17:01,750

encouraging words or helps me attack the

383

00:17:05,880 --> 00:17:03,399

guys who are just making baseless

384

00:17:09,120 --> 00:17:05,890

attacks that really helps a lot you know

385

00:17:11,429 --> 00:17:09,130

the moral support that's excellent well

386

00:17:13,319 --> 00:17:11,439

I encourage everybody to to visit your

387

00:17:15,449 --> 00:17:13,329

your YouTube channel especially because

388

00:17:21,329 --> 00:17:15,459

I really enjoy that and are you on

389

00:17:23,220 --> 00:17:21,339

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

390

00:17:27,870 --> 00:17:23,230

i'm not doing much my geek cred by

391

00:17:30,390 --> 00:17:27,880

saying that but I mean I I pilots I

392

00:17:33,690 --> 00:17:30,400

followed some some tweets here and there

393

00:17:36,540 --> 00:17:33,700

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

394

00:17:38,520 --> 00:17:36,550

Twitter about if I have things to say I

395

00:17:42,630 --> 00:17:38,530

usually just wait and put it into a

396

00:17:45,360 --> 00:17:42,640

video and put it online or sometimes

397

00:17:45,910 --> 00:17:45,370

I'll put it on my Facebook page and in

398

00:17:48,640 --> 00:17:45,920

my staff

399

00:17:52,840 --> 00:17:48,650

sir posted as a link or whatever yeah

400

00:17:54,850 --> 00:17:52,850

all right so if people want to see all

401
00:17:56,440 --> 00:17:54,860
that you have to offer online what's the

402
00:17:58,690 --> 00:17:56,450
best thing they can do what's the best

403
00:18:01,150 --> 00:17:58,700
link yeah you know I keep saying I have

404
00:18:03,850 --> 00:18:01,160
to put this all in one place and because

405
00:18:06,160 --> 00:18:03,860
my normal website is Shane Killian org

406
00:18:07,540 --> 00:18:06,170
and I am very bad about not updating

407
00:18:10,300 --> 00:18:07,550
that I don't remember when the last time

408
00:18:12,490 --> 00:18:10,310
I made a blog post on that was but I

409
00:18:14,770 --> 00:18:12,500
have another website for the бага satish

410
00:18:16,420 --> 00:18:14,780
0 which is began studied on TV there's

411
00:18:18,550 --> 00:18:16,430
not a lot there right now but there is

412
00:18:20,890 --> 00:18:18,560
an online forum that you can go and it's

413
00:18:22,780 --> 00:18:20,900

got quite a few users discussing various

414

00:18:26,320 --> 00:18:22,790

things not just from the episodes but

415

00:18:28,420 --> 00:18:26,330

also related issues all right well I

416

00:18:31,180 --> 00:18:28,430

encourage everybody to to check those

417

00:18:33,250 --> 00:18:31,190

out and if you like what Shane does with

418

00:18:35,260 --> 00:18:33,260

his videos especially let him know leave

419

00:18:37,330 --> 00:18:35,270

nice comments and let other people know

420

00:18:40,060 --> 00:18:37,340

about it too well Shane a pleasure to

421

00:18:42,280 --> 00:18:40,070

talk with you and are you going to be

422

00:18:44,860 --> 00:18:42,290

coming to Dragon Con this year no I

423

00:18:46,600 --> 00:18:44,870

don't normally do Dragon Con and the

424

00:18:47,770 --> 00:18:46,610

amazing meeting is my first priority and

425

00:18:50,800 --> 00:18:47,780

I'm not even going to be able to afford

426

00:18:53,260 --> 00:18:50,810

that this year so oh that's that that's

427

00:18:55,900 --> 00:18:53,270

a pretty um said everyone out there

428

00:18:58,740 --> 00:18:55,910

who's listening at am i miss you i love

429

00:19:01,060 --> 00:18:58,750

you hopefully i'll see you next year

430

00:19:03,130 --> 00:19:01,070

well Shane Killian a pleasure to talk

431

00:19:14,900 --> 00:19:03,140

with you and thank you very much well

432

00:19:21,090 --> 00:19:18,210

hi I'm Theo Clark host and reduce of the

433

00:19:23,280 --> 00:19:21,100

podcast hunting humbug 101 each week I'm

434

00:19:25,080 --> 00:19:23,290

joined by my father Jeff Clark and we

435

00:19:27,180 --> 00:19:25,090

discuss a particular logical fallacy

436

00:19:28,680 --> 00:19:27,190

with real-life examples of fallacies

437

00:19:31,080 --> 00:19:28,690

from pseudo science science

438

00:19:34,500 --> 00:19:31,090

misconceptions politics philosophy and

439

00:19:36,870 --> 00:19:34,510

the media hunting humbug 101 is a

440

00:19:38,940 --> 00:19:36,880

companion podcast to our book humbug the

441

00:19:41,160 --> 00:19:38,950

skeptics field guide to spotting

442

00:19:43,860 --> 00:19:41,170

fallacies in thinking you can download

443

00:19:45,900 --> 00:19:43,870

them and subscribe to our podcast obtain

444

00:19:48,120 --> 00:19:45,910

a free copy of the ebook version of our

445

00:19:50,340 --> 00:19:48,130

book humbug and see many more real

446

00:19:57,420 --> 00:19:50,350

examples of fallacious reasoning at our

447

00:20:11,450 --> 00:19:57,430

website wxw field guide not net now

448

00:20:16,770 --> 00:20:14,010

dr. rachey is hitting yourself authority

449

00:20:18,810 --> 00:20:16,780

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

450

00:20:20,220 --> 00:20:18,820

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

451
00:20:22,350 --> 00:20:20,230
been to the mind body while it's a

452
00:20:24,630 --> 00:20:22,360
little a mini mini my body want to add

453
00:20:28,020 --> 00:20:24,640
our local club in fact and what did we

454
00:20:32,250 --> 00:20:28,030
learn well I learnt that urine can cure

455
00:20:36,240 --> 00:20:32,260
a yes yes and also it can be used as a

456
00:20:38,940 --> 00:20:36,250
substitute for vaccinations yes all

457
00:20:40,410 --> 00:20:38,950
things like well she wasn't specific but

458
00:20:42,660 --> 00:20:40,420
she said anything that you might get

459
00:20:46,380 --> 00:20:42,670
overseas so I guess yellow fever

460
00:20:48,060 --> 00:20:46,390
remember me all you do listen is if you

461
00:20:50,970 --> 00:20:48,070
put a couple of drops of your own urine

462
00:20:53,400 --> 00:20:50,980
under your tongue and what that does is

463
00:20:57,210 --> 00:20:53,410

it activates your immune system yeah and

464

00:20:59,070 --> 00:20:57,220

this is I'm paraphrasing but what it

465

00:21:01,530 --> 00:20:59,080

does is because she's you know what it's

466

00:21:03,240 --> 00:21:01,540

like when you get an immunization you

467

00:21:04,560 --> 00:21:03,250

put little foreign particles into your

468

00:21:06,510 --> 00:21:04,570

body and that causes your immune system

469

00:21:09,930 --> 00:21:06,520

to respond yeah well this is the same

470

00:21:11,850 --> 00:21:09,940

sort of thing now that's what she said

471

00:21:14,520 --> 00:21:11,860

and there's one major major problem with

472

00:21:17,760 --> 00:21:14,530

that concept stuff that comes out of

473

00:21:19,380 --> 00:21:17,770

your way we is by definition coming from

474

00:21:22,020 --> 00:21:19,390

your own body therefore it's your own

475

00:21:24,030 --> 00:21:22,030

proteins etc so you're not going to have

476
00:21:25,470 --> 00:21:24,040
an immune response to that unless you've

477
00:21:27,690 --> 00:21:25,480
got an autoimmune disease then you

478
00:21:29,670 --> 00:21:27,700
stuffed anyway it's all because she had

479
00:21:34,410 --> 00:21:29,680
the perfect answer to all of that when I

480
00:21:36,660 --> 00:21:34,420
asked her why isn't this thing promoted

481
00:21:39,000 --> 00:21:36,670
by the you know why is it was worldwide

482
00:21:42,840 --> 00:21:39,010
news and Nobel prizes it's because large

483
00:21:46,080 --> 00:21:42,850
firm a big farmers suppressing it yeah a

484
00:21:48,060 --> 00:21:46,090
big firm ringing but when you said to

485
00:21:49,920 --> 00:21:48,070
her Richard well but Big Pharma could

486
00:21:51,570 --> 00:21:49,930
make millions of billions of dollars if

487
00:21:53,580 --> 00:21:51,580
they were to harness this and sell it

488
00:21:54,720 --> 00:21:53,590

what was the response oh because no they

489

00:21:58,380 --> 00:21:54,730

can't do that because it's your own

490

00:22:00,390 --> 00:21:58,390

urine I see but they couldn't purify the

491

00:22:01,950 --> 00:22:00,400

active ingredient I do the urine just it

492

00:22:03,330 --> 00:22:01,960

that doesn't come in just this when

493

00:22:05,220 --> 00:22:03,340

things fall to pieces because there's no

494

00:22:06,779 --> 00:22:05,230

active ingredient that's gonna kill HIV

495

00:22:09,490 --> 00:22:06,789

and your

496

00:22:11,500 --> 00:22:09,500

but I have to say like she had a series

497

00:22:14,799 --> 00:22:11,510

of books for sale three dollars each

498

00:22:16,570 --> 00:22:14,809

quite an extensive range maybe 10 now

499

00:22:18,580 --> 00:22:16,580

all written by one guy I've written down

500

00:22:20,260 --> 00:22:18,590

his name because it was much of a water

501
00:22:23,440 --> 00:22:20,270
divining mayor and dousing for health

502
00:22:27,490 --> 00:22:23,450
and also to raise alkaline water the

503
00:22:29,470 --> 00:22:27,500
magic of the papaya train the alkaline

504
00:22:31,480 --> 00:22:29,480
water was about anti-aging that was

505
00:22:33,250 --> 00:22:31,490
apparently what it did so let me just

506
00:22:35,230 --> 00:22:33,260
find this guy isn't it interesting too I

507
00:22:37,630 --> 00:22:35,240
mean I'm today I hadn't listened as I

508
00:22:39,909 --> 00:22:37,640
didn't have my normal control and I

509
00:22:42,820 --> 00:22:39,919
actually had a big guy oh yeah I to

510
00:22:45,039 --> 00:22:42,830
welcome him away well I had to be guided

511
00:22:47,470 --> 00:22:45,049
to kick you I'm not doing with this

512
00:22:50,890 --> 00:22:47,480
woman about it in fact you well this

513
00:22:54,100 --> 00:22:50,900

guy's name is Harold W to hit see mm-hmm

514

00:22:55,480 --> 00:22:54,110

TI 80s at eight so I'm going to look him

515

00:22:58,539 --> 00:22:55,490

up because he apparently has the cure

516

00:23:00,460 --> 00:22:58,549

for everything he does but Diane doesn't

517

00:23:03,490 --> 00:23:00,470

need that because you had some Reiki

518

00:23:06,850 --> 00:23:03,500

done dear I did what was that like it

519

00:23:08,770 --> 00:23:06,860

was very good very relaxing but didn't

520

00:23:11,560 --> 00:23:08,780

do anything else didn't do really

521

00:23:13,210 --> 00:23:11,570

anything no I'm just sat in the chair it

522

00:23:14,799 --> 00:23:13,220

was nice actually when he went the guy

523

00:23:16,529 --> 00:23:14,809

put his hands on my knees that that was

524

00:23:20,860 --> 00:23:16,539

the only thing who was nice about it

525

00:23:22,870 --> 00:23:20,870

sexy Reggie you had some lifeway cure a

526

00:23:24,880 --> 00:23:22,880

treatment don't know when they call it

527

00:23:26,520 --> 00:23:24,890

etches touches it's not it's not a cure

528

00:23:28,960 --> 00:23:26,530

it's not a treatment it's not therapy

529

00:23:30,340 --> 00:23:28,970

but it does alleviate pain no it doesn't

530

00:23:32,320 --> 00:23:30,350

know it doesn't leave yet pendant it's

531

00:23:34,840 --> 00:23:32,330

not a treatment for pain we don't offer

532

00:23:36,010 --> 00:23:34,850

medical advice and I Richard almost blew

533

00:23:37,930 --> 00:23:36,020

my cover a couple of times because

534

00:23:40,720 --> 00:23:37,940

here's a bit cranky today yeah and so

535

00:23:42,070 --> 00:23:40,730

he's lost his temper but I was I've done

536

00:23:43,330 --> 00:23:42,080

a lot of research on lifewave and

537

00:23:45,130 --> 00:23:43,340

readers and listeners would know that

538

00:23:47,890 --> 00:23:45,140

I've written a blog about it and I got a

539

00:23:50,110 --> 00:23:47,900

lots of heated responses to that so I

540

00:23:52,169 --> 00:23:50,120

wanted to get the demonstration from a

541

00:23:54,520 --> 00:23:52,179

distributor to see how it works and

542

00:23:57,010 --> 00:23:54,530

Diane almost got me in trouble as well

543

00:23:58,480 --> 00:23:57,020

because this woman was faked that I had

544

00:24:01,240 --> 00:23:58,490

lower back pain you had to walk away

545

00:24:02,710 --> 00:24:01,250

didn't I am he's under standard yeah but

546

00:24:04,330 --> 00:24:02,720

she was she was fiddling around by

547

00:24:05,470 --> 00:24:04,340

putting these patches on my back and of

548

00:24:06,789 --> 00:24:05,480

course I couldn't see where she was

549

00:24:08,289 --> 00:24:06,799

putting them she just moved them and

550

00:24:09,850 --> 00:24:08,299

she'd say does that feel better has it

551
00:24:10,820 --> 00:24:09,860
does that alleviate your pain more than

552
00:24:12,409 --> 00:24:10,830
it was last time

553
00:24:13,940 --> 00:24:12,419
the matches were actually on your

554
00:24:16,070 --> 00:24:13,950
clothes they weren't actually on your

555
00:24:17,810 --> 00:24:16,080
skin either they were initially on my

556
00:24:21,169 --> 00:24:17,820
clothes then they went on my skin

557
00:24:23,149 --> 00:24:21,179
because my shirt kept moving and that

558
00:24:26,419 --> 00:24:23,159
appellant that was the reason not that

559
00:24:27,680 --> 00:24:26,429
it's yeah not that it has to be on your

560
00:24:29,570 --> 00:24:27,690
skin no no no because they're non

561
00:24:31,310 --> 00:24:29,580
transdermal which means that nothing

562
00:24:33,799 --> 00:24:31,320
passes into your skin from the patches

563
00:24:35,120 --> 00:24:33,809

it's all just in fact she do me she

564

00:24:36,980 --> 00:24:35,130

didn't offer the explanation that they

565

00:24:38,570 --> 00:24:36,990

channel light doesn't already in lives

566

00:24:40,580 --> 00:24:38,580

which was interesting because that's

567

00:24:41,899 --> 00:24:40,590

what's all over the web site but anyway

568

00:24:43,250 --> 00:24:41,909

because i had the patches on my back

569

00:24:44,840 --> 00:24:43,260

where I couldn't see Diane sort of

570

00:24:47,509 --> 00:24:44,850

reached around with her iphone to take a

571

00:24:49,340 --> 00:24:47,519

photo of the patches so that we could

572

00:24:52,370 --> 00:24:49,350

remember later where to put them when we

573

00:24:53,990 --> 00:24:52,380

buy them and she got quite angry did she

574

00:24:55,430 --> 00:24:54,000

sees extent asking why are you taking

575

00:24:57,259 --> 00:24:55,440

pictures what are you taking pictures or

576

00:24:59,000 --> 00:24:57,269

what I said just want to know at what

577

00:25:01,490 --> 00:24:59,010

spot we have to put the caches in so we

578

00:25:03,470 --> 00:25:01,500

know they're effective next time but I

579

00:25:05,149 --> 00:25:03,480

think she was part of the chain isn't

580

00:25:07,879 --> 00:25:05,159

she I think she's probably really book

581

00:25:08,870 --> 00:25:07,889

does believe it they because what

582

00:25:10,610 --> 00:25:08,880

happens is she was doing the

583

00:25:13,669 --> 00:25:10,620

demonstration all day putting these

584

00:25:15,320 --> 00:25:13,679

patches on people and then will often

585

00:25:16,820 --> 00:25:15,330

report they feel a bit better but I was

586

00:25:18,710 --> 00:25:16,830

saying to Diane afterwards I mean I

587

00:25:20,180 --> 00:25:18,720

stood there while she filled she was

588

00:25:22,759 --> 00:25:20,190

actually touching my skin to once again

589

00:25:24,200 --> 00:25:22,769

because she said my shirt was moving so

590

00:25:25,700 --> 00:25:24,210

she had her hands all over my back and

591

00:25:27,919 --> 00:25:25,710

she shifted this patch around to find

592

00:25:29,509 --> 00:25:27,929

the best spots and pain relief and then

593

00:25:31,580 --> 00:25:29,519

what she's doing that she's saying to

594

00:25:34,100 --> 00:25:31,590

you does that help is it does it feel

595

00:25:37,340 --> 00:25:34,110

better does it feel better now and so

596

00:25:39,200 --> 00:25:37,350

you do feel like you're obliged to say

597

00:25:40,879 --> 00:25:39,210

oh yes it does I mean I made it up

598

00:25:43,310 --> 00:25:40,889

anyway so I was bullshitting from the

599

00:25:44,810 --> 00:25:43,320

get-go but if you're there for about

600

00:25:46,009 --> 00:25:44,820

five minutes and your friends are sort

601
00:25:48,230 --> 00:25:46,019
of milling around and there are a few

602
00:25:49,610 --> 00:25:48,240
people and it's not a new extracted to

603
00:25:51,049 --> 00:25:49,620
work it's a public environment you've

604
00:25:53,029 --> 00:25:51,059
got someone all over you touching you

605
00:25:56,110 --> 00:25:53,039
what's he gonna say it feels better yeah

606
00:25:58,580 --> 00:25:56,120
yeah I think so yeah and when I asked to

607
00:26:00,350 --> 00:25:58,590
was it actually treating pain she said

608
00:26:03,350 --> 00:26:00,360
no so I wasn't quite sure what it

609
00:26:07,340 --> 00:26:03,360
actually then she's been told that they

610
00:26:09,409 --> 00:26:07,350
can't make those claims mm-hmm all right

611
00:26:11,899 --> 00:26:09,419
another mommy just that I'm briefly just

612
00:26:13,700 --> 00:26:11,909
mentioned the zu juice or whatever it

613
00:26:16,190 --> 00:26:13,710

was called what's the specials any ideas

614

00:26:19,760 --> 00:26:16,200

xango juice what is it with an X then

615

00:26:22,039 --> 00:26:19,770

it's insane Thank jenga xango juice yeah

616

00:26:24,080 --> 00:26:22,049

this is one of those new miracle drinks

617

00:26:25,399 --> 00:26:24,090

like you know that you get every few

618

00:26:27,350 --> 00:26:25,409

months you hear about the goji berry

619

00:26:31,490 --> 00:26:27,360

that's been released to the Western

620

00:26:33,440 --> 00:26:31,500

world by the Himalayan what this one's

621

00:26:35,779 --> 00:26:33,450

made from it's not like the Yeti is a

622

00:26:37,580 --> 00:26:35,789

complete possibly deities make this

623

00:26:39,680 --> 00:26:37,590

stuff do they are these went Diane

624

00:26:42,409 --> 00:26:39,690

whether they come from visit from Asia

625

00:26:45,470 --> 00:26:42,419

yeah made from mangosteen yeah

626
00:26:47,600 --> 00:26:45,480
mangosteen which is the fruit and it's

627
00:26:49,220 --> 00:26:47,610
encased in our hearts of the casing and

628
00:26:51,950 --> 00:26:49,230
there's a soft fruit inside but it's the

629
00:26:53,960 --> 00:26:51,960
whole kit and caboodle is crushed up to

630
00:26:56,840 --> 00:26:53,970
make this amazing antioxidant cures

631
00:26:58,580 --> 00:26:56,850
everything blah blah and she had a book

632
00:27:01,669 --> 00:26:58,590
on other areas they're just a good

633
00:27:05,570 --> 00:27:01,679
little packet here is a sample size ok

634
00:27:08,720 --> 00:27:05,580
thank me in GAO xing go folks mangosteen

635
00:27:14,779 --> 00:27:08,730
beverage yeah and it's in French as well

636
00:27:17,570 --> 00:27:14,789
this says go soul or megastores but she

637
00:27:20,149 --> 00:27:17,580
had a book which was is written by a

638
00:27:22,610 --> 00:27:20,159

doctor physician who is also

639

00:27:25,039 --> 00:27:22,620

interestingly a chiropractor before

640

00:27:27,169 --> 00:27:25,049

himself a pirate captain physician yeah

641

00:27:29,539 --> 00:27:27,179

and he all over the literature it said

642

00:27:32,600 --> 00:27:29,549

doctor but not doctor of chiropractic so

643

00:27:34,940 --> 00:27:32,610

misleading and he had 82 different

644

00:27:39,440 --> 00:27:34,950

things that this stuff would alleviate

645

00:27:41,000 --> 00:27:39,450

and or cure only 82 82 you yeah what an

646

00:27:43,700 --> 00:27:41,010

interesting thing it is to come to these

647

00:27:45,560 --> 00:27:43,710

now if we both look over all three of us

648

00:27:49,250 --> 00:27:45,570

look over towards the bar there see the

649

00:27:51,740 --> 00:27:49,260

bar see right number she's expect me to

650

00:27:53,210 --> 00:27:51,750

Nixon intraplate and see you at the very

651
00:27:54,350 --> 00:27:53,220
end there's a machine dispensing

652
00:27:59,180 --> 00:27:54,360
something can you tell me what the big

653
00:28:00,169 --> 00:27:59,190
science is nuts and I think that sums it

654
00:28:01,609 --> 00:28:00,179
up for today

655
00:28:18,659 --> 00:28:01,619
thank you doctor oh gee thanks

656
00:28:23,769 --> 00:28:21,669
australian museum members is the

657
00:28:27,490 --> 00:28:23,779
membership branch of the Australian

658
00:28:29,919 --> 00:28:27,500
Museum in Sydney Australia the members

659
00:28:32,590 --> 00:28:29,929
broad role is to support the museum's

660
00:28:35,590 --> 00:28:32,600
work by providing a forum to highlight

661
00:28:38,169 --> 00:28:35,600
its exhibitions and scientific research

662
00:28:40,840 --> 00:28:38,179
in addition the members provides an

663
00:28:43,389 --> 00:28:40,850

arena for discussion of wider scientific

664

00:28:45,700 --> 00:28:43,399

social and cultural issues but most

665

00:28:48,430 --> 00:28:45,710

importantly the members enables the

666

00:28:55,360 --> 00:28:48,440

community to become directly involved in

667

00:28:56,940 --> 00:28:55,370

the museum's activities and I'm here now

668

00:28:59,409 --> 00:28:56,950

at the office of Australian Museum

669

00:29:01,330 --> 00:28:59,419

members and I'm speaking with Kate

670

00:29:03,490 --> 00:29:01,340

Murray who's the executive officer and

671

00:29:06,700 --> 00:29:03,500

Serena Todd who's the Events Coordinator

672

00:29:08,139 --> 00:29:06,710

hello hi hi Richard it's really nice to

673

00:29:10,419 --> 00:29:08,149

see you both again of course we're old

674

00:29:12,279 --> 00:29:10,429

friends the Australian skeptics

675

00:29:14,499 --> 00:29:12,289

especially if had a long and very good

676

00:29:17,470 --> 00:29:14,509

relationship here with the Australian

677

00:29:19,240 --> 00:29:17,480

Museum yes absolutely and you yourself

678

00:29:20,830 --> 00:29:19,250

have been a member a private member for

679

00:29:22,600 --> 00:29:20,840

a long time as well I have indeed a

680

00:29:24,340 --> 00:29:22,610

card-carrying one in fact that's how I

681

00:29:26,529 --> 00:29:24,350

got into the museum today I flashed my

682

00:29:29,019 --> 00:29:26,539

card excellent i flash my card and you

683

00:29:31,690 --> 00:29:29,029

know came now just briefly for our

684

00:29:33,220 --> 00:29:31,700

listeners can you Kate can you tell us

685

00:29:35,789 --> 00:29:33,230

what are the benefits of becoming

686

00:29:38,320 --> 00:29:35,799

involved with trillion museum members

687

00:29:40,240 --> 00:29:38,330

well Australian museum membership

688

00:29:41,950 --> 00:29:40,250

provides you with the opportunity to

689

00:29:44,289 --> 00:29:41,960

come to the Australian Museum every day

690

00:29:45,999 --> 00:29:44,299

of the year you get to come to all of

691

00:29:47,980 --> 00:29:46,009

our events you get advance notice for

692

00:29:49,869 --> 00:29:47,990

all of those discounts for all of those

693

00:29:51,700 --> 00:29:49,879

you get to the come to the Australia

694

00:29:53,019 --> 00:29:51,710

Museum shop buy all your gifts and

695

00:29:55,269 --> 00:29:53,029

purchases some of them are quite unique

696

00:29:57,100 --> 00:29:55,279

you get a discount for all of those you

697

00:29:58,779 --> 00:29:57,110

get the Australian Museum magazine sent

698

00:30:00,399 --> 00:29:58,789

to your door you get an email newsletter

699

00:30:02,769 --> 00:30:00,409

every month and a range of other

700

00:30:04,240 --> 00:30:02,779

benefits the other really important

701
00:30:06,399 --> 00:30:04,250
thing about membership is that it's

702
00:30:08,080 --> 00:30:06,409
supporting Australia's first museum to

703
00:30:10,149 --> 00:30:08,090
continue its good work so through

704
00:30:11,769 --> 00:30:10,159
Australia museum members we gave a

705
00:30:13,810 --> 00:30:11,779
hundred thousand dollars to the new

706
00:30:16,419 --> 00:30:13,820
museum dinosaur gallery just last year

707
00:30:18,610 --> 00:30:16,429
that's fantastic and I think we'll get

708
00:30:20,109 --> 00:30:18,620
to the dinosaur gallery a bit later on

709
00:30:21,820 --> 00:30:20,119
because there's a there's a very strong

710
00:30:22,659 --> 00:30:21,830
connection therewith Australian skeptics

711
00:30:25,029 --> 00:30:22,669
which would too

712
00:30:26,950 --> 00:30:25,039
talk about soon um you know what I

713
00:30:28,869 --> 00:30:26,960

didn't realize that there were so many

714

00:30:30,909 --> 00:30:28,879

benefits and i'm a member myself so

715

00:30:32,529 --> 00:30:30,919

there you go that's fantastic oh one of

716

00:30:34,690 --> 00:30:32,539

our challenges is to let all I members

717

00:30:36,220 --> 00:30:34,700

know just how large the range of

718

00:30:38,680 --> 00:30:36,230

benefits are so everyone can make the

719

00:30:40,539 --> 00:30:38,690

best advantage of them yeah I think that

720

00:30:43,239 --> 00:30:40,549

that's wonderful i said the shop here is

721

00:30:45,279 --> 00:30:43,249

fantastic but i really do love the

722

00:30:48,729 --> 00:30:45,289

events and the talks and all the things

723

00:30:50,889 --> 00:30:48,739

that you have that throughout the year

724

00:30:53,680 --> 00:30:50,899

in fact can you tell me some some of the

725

00:30:56,529 --> 00:30:53,690

more recent ones you've had our events

726

00:30:58,960 --> 00:30:56,539

have a broad range we do everything from

727

00:31:02,109 --> 00:30:58,970

night talks to kids events including

728

00:31:04,779 --> 00:31:02,119

sleepovers leap overs yeah dude asleep

729

00:31:06,759 --> 00:31:04,789

oh oh wow I've got to sleep in the

730

00:31:10,029 --> 00:31:06,769

dinosaur gallery sleep like like that

731

00:31:13,269 --> 00:31:10,039

movie The the museum yes yes there you

732

00:31:15,489 --> 00:31:13,279

go and what are the talks are especially

733

00:31:17,739 --> 00:31:15,499

good oh I might just a switch over to

734

00:31:20,710 --> 00:31:17,749

Serena who is the events coordinator of

735

00:31:24,190 --> 00:31:20,720

course so the talks that we do range

736

00:31:27,659 --> 00:31:24,200

from amber to dementia to Sydney in the

737

00:31:30,039 --> 00:31:27,669

Ice Age geology astronomy psychology

738

00:31:31,570 --> 00:31:30,049

finances anything you want to know you

739

00:31:33,820 --> 00:31:31,580

can come here and learn about it that's

740

00:31:35,590 --> 00:31:33,830

true and I've attended many talks here

741

00:31:37,359 --> 00:31:35,600

myself and I've even had the pleasure of

742

00:31:39,369 --> 00:31:37,369

giving wow that's right Richard in fact

743

00:31:41,440 --> 00:31:39,379

I was very well attended that was that

744

00:31:43,149 --> 00:31:41,450

was enormous amount of fun i really

745

00:31:45,369 --> 00:31:43,159

enjoyed giving that talk but again

746

00:31:46,599 --> 00:31:45,379

coming here to the little theatre right

747

00:31:48,759 --> 00:31:46,609

here you have here in the Australian

748

00:31:50,590 --> 00:31:48,769

museum they're here the such the range

749

00:31:52,599 --> 00:31:50,600

of talks that you have is staggering

750

00:31:54,849 --> 00:31:52,609

what's a real treasure we have that

751

00:31:56,680 --> 00:31:54,859

little thinner air that fits 150 people

752

00:31:59,529 --> 00:31:56,690

and given on any given Thursday night

753

00:32:01,269 --> 00:31:59,539

you can pop in and spend an hour at the

754

00:32:04,599 --> 00:32:01,279

Museum learning something about your

755

00:32:06,999 --> 00:32:04,609

world of about the museum last week we

756

00:32:08,859 --> 00:32:07,009

had a talk on amber next week we're

757

00:32:10,509 --> 00:32:08,869

having a talk on Sydney in the Ice Age

758

00:32:11,859 --> 00:32:10,519

which relates to our climate change

759

00:32:13,810 --> 00:32:11,869

exhibition which is also on at the

760

00:32:17,080 --> 00:32:13,820

moment it's hard to imagine isn't it

761

00:32:18,519 --> 00:32:17,090

Sydney in the eye side yes that's where

762

00:32:21,129 --> 00:32:18,529

you come here to find out that's what

763

00:32:22,989 --> 00:32:21,139

you come here to find out now what's it

764

00:32:25,769 --> 00:32:22,999

like both of you what's it like working

765

00:32:29,139 --> 00:32:25,779

for a great institution like a museum

766

00:32:30,409 --> 00:32:29,149

well from my perspective I love working

767

00:32:31,789 --> 00:32:30,419

at the Australian Museum

768

00:32:34,249 --> 00:32:31,799

the first Museum in Australia

769

00:32:37,479 --> 00:32:34,259

established at approximately 18 27 and

770

00:32:41,029 --> 00:32:37,489

so we are helping to continue the

771

00:32:44,989 --> 00:32:41,039

tradition of that amazing museum so just

772

00:32:46,340 --> 00:32:44,999

in you know 1830 when people would come

773

00:32:48,769 --> 00:32:46,350

here and this is an amazing place to

774

00:32:50,359 --> 00:32:48,779

come these days is exactly the same

775

00:32:51,649 --> 00:32:50,369

concept and we're continuing that

776

00:32:53,810 --> 00:32:51,659

tradition of course there's new things

777

00:32:55,609 --> 00:32:53,820

now we have some multimedia we have

778

00:32:57,979 --> 00:32:55,619

websites we have all this extra staff

779

00:32:59,960 --> 00:32:57,989

but the core essence of the museum is

780

00:33:01,190 --> 00:32:59,970

still here and that's what's meet and

781

00:33:03,830 --> 00:33:01,200

what makes it exciting because we're

782

00:33:05,509 --> 00:33:03,840

continuing on that exciting unit in rich

783

00:33:08,119 --> 00:33:05,519

history yeah and you're having a lot of

784

00:33:09,830 --> 00:33:08,129

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

785

00:33:11,779 --> 00:33:09,840

a very prestigious Museum obviously so

786

00:33:13,220 --> 00:33:11,789

when you might invite someone to speak

787

00:33:15,139 --> 00:33:13,230

their honored and flattered that you've

788

00:33:16,519 --> 00:33:15,149

invited them so it's a great positioning

789

00:33:19,369 --> 00:33:16,529

tool to put together a really good

790

00:33:21,560 --> 00:33:19,379

program yeah it's a good sense of pride

791

00:33:24,409 --> 00:33:21,570

working here I'm sure it is i mean i was

792

00:33:25,609 --> 00:33:24,419

quite on a planet and i tell you what I

793

00:33:27,979 --> 00:33:25,619

what it wouldn't one of the things I

794

00:33:30,379 --> 00:33:27,989

love about your attitude is both of you

795

00:33:32,210 --> 00:33:30,389

have a fantastically fun attitude to

796

00:33:34,249 --> 00:33:32,220

your work I remember coming here a few

797

00:33:35,960 --> 00:33:34,259

years ago to a costume party and I could

798

00:33:41,710 --> 00:33:35,970

hardly recognized you both you're done

799

00:33:46,519 --> 00:33:44,119

what will you be full we were leopards

800

00:33:49,039 --> 00:33:46,529

like one I remember being in one but we

801
00:33:51,080 --> 00:33:49,049
were also ghosts of Christmas past for

802
00:33:52,340 --> 00:33:51,090
our skeletons gallery right so and

803
00:33:54,619 --> 00:33:52,350
that's currently being refurbished and

804
00:33:56,479 --> 00:33:54,629
will open again shortly so there's lots

805
00:33:58,489 --> 00:33:56,489
of interesting skeletons to see in there

806
00:34:00,919 --> 00:33:58,499
in case anyone wants to oh that's a very

807
00:34:03,859 --> 00:34:00,929
famous gallery the skeleton one actually

808
00:34:05,509 --> 00:34:03,869
because if listeners cast their mind

809
00:34:09,260 --> 00:34:05,519
back a few years to the movie superman

810
00:34:11,359 --> 00:34:09,270
returns ah Lex Luthor has seen wandering

811
00:34:14,899 --> 00:34:11,369
through a museum and it was this very

812
00:34:16,780 --> 00:34:14,909
museum yes what that's right we were

813
00:34:19,280 --> 00:34:16,790

here on the night that were filming Oh

814

00:34:23,200 --> 00:34:19,290

someone even shared a lift with Kevin

815

00:34:25,549 --> 00:34:23,210

Spacey I was told ah but not you know oh

816

00:34:27,169 --> 00:34:25,559

but we have another opportunity coming

817

00:34:29,809 --> 00:34:27,179

up very soon to get dressed up again in

818

00:34:32,480 --> 00:34:29,819

costume the museum is opening a major

819

00:34:33,149 --> 00:34:32,490

Egyptian exhibition towards at the end

820

00:34:34,529 --> 00:34:33,159

of this year

821

00:34:36,089 --> 00:34:34,539

and as part of it we're going to do at

822

00:34:37,829 --> 00:34:36,099

least one evening where we will

823

00:34:41,609 --> 00:34:37,839

encourage everyone to come dressed up as

824

00:34:43,649 --> 00:34:41,619

Egyptian gods and things um yeah we like

825

00:34:45,569 --> 00:34:43,659

to dress up and currently I noticed her

826

00:34:48,359 --> 00:34:45,579

on my way down to two to meet you today

827

00:34:50,940 --> 00:34:48,369

the mammoth there's a mammoth exhibition

828

00:34:52,589 --> 00:34:50,950

here woolly mammoths the woolly mammoths

829

00:34:54,750 --> 00:34:52,599

yes that's another theme for our

830

00:34:56,849 --> 00:34:54,760

sleepover so we had a mammoth mega snore

831

00:34:58,410 --> 00:34:56,859

a few weeks ago where kids got to learn

832

00:35:00,029 --> 00:34:58,420

about kids and their parents got to

833

00:35:03,299 --> 00:35:00,039

learn about mammoths and all things in

834

00:35:05,520 --> 00:35:03,309

the Ice Age do you stay over we dare you

835

00:35:09,240 --> 00:35:05,530

do we do and sleeping bags or something

836

00:35:11,779 --> 00:35:09,250

really I said fun thing we put our heart

837

00:35:14,160 --> 00:35:11,789

and soul into it you do yeah how much

838

00:35:16,620 --> 00:35:14,170

how much of your program is geared

839

00:35:18,480 --> 00:35:16,630

towards the younger we're finding that

840

00:35:21,000 --> 00:35:18,490

it really is moving that way and we have

841

00:35:22,440 --> 00:35:21,010

a core audience that come to our talks

842

00:35:24,450 --> 00:35:22,450

in the evening that are its adult

843

00:35:26,010 --> 00:35:24,460

education but we're noticing that we

844

00:35:28,260 --> 00:35:26,020

have a huge amount of families joining

845

00:35:29,460 --> 00:35:28,270

and coming on so we're really trying to

846

00:35:31,170 --> 00:35:29,470

gear things towards kids these days

847

00:35:33,089 --> 00:35:31,180

we've got a halloween party coming up on

848

00:35:35,220 --> 00:35:33,099

the thirty-first of october and then a

849

00:35:37,620 --> 00:35:35,230

sleepover to celebrate the egyptian

850

00:35:39,599 --> 00:35:37,630

exhibition which we have mummies nor so

851

00:35:43,680 --> 00:35:39,609

yeah we're working on I think I'm

852

00:35:48,059 --> 00:35:43,690

detecting a snoring theme yes everything

853

00:35:49,529 --> 00:35:48,069

is they do snore babies no I'm now apart

854

00:35:52,319 --> 00:35:49,539

from the wonderful things that you have

855

00:35:54,380 --> 00:35:52,329

centered around the museum you also go

856

00:35:58,710 --> 00:35:54,390

further afield of course for the

857

00:36:01,620 --> 00:35:58,720

australian museum members yes we do

858

00:36:05,910 --> 00:36:01,630

different tours recent overseas tours

859

00:36:08,549 --> 00:36:05,920

include the Galapagos Islands Antarctica

860

00:36:11,250 --> 00:36:08,559

coming up we have a tour to Egypt and

861

00:36:13,529 --> 00:36:11,260

one to Africa I'm Lord Howe Island oh

862

00:36:16,289 --> 00:36:13,539

I'm in closer to home we've got our Lord

863

00:36:18,089 --> 00:36:16,299

Howe Island trip coming up and more

864

00:36:20,400 --> 00:36:18,099

recently we also did a trip to Lizard

865

00:36:22,680 --> 00:36:20,410

Island to the Australian museum's Lizard

866

00:36:25,470 --> 00:36:22,690

Island research station off the coast of

867

00:36:26,880 --> 00:36:25,480

cans or the Great Barrier Reef and we

868

00:36:29,130 --> 00:36:26,890

also did a trip around out back New

869

00:36:32,400 --> 00:36:29,140

South Wales so one of the reasons to

870

00:36:34,170 --> 00:36:32,410

come with the Australian Museum to visit

871

00:36:36,500 --> 00:36:34,180

the world is because you get to hang out

872

00:36:39,240 --> 00:36:36,510

with like minded people you get to learn

873

00:36:41,220 --> 00:36:39,250

all in a bit of a fun environment and

874

00:36:44,110 --> 00:36:41,230

again it's supporting the museum and you

875

00:36:45,970 --> 00:36:44,120

have expert people involved with us

876
00:36:48,250 --> 00:36:45,980
of course so we have experts to get the

877
00:36:50,440 --> 00:36:48,260
best information that you can get we

878
00:36:52,300 --> 00:36:50,450
also try and arrange some exclusive

879
00:36:54,910 --> 00:36:52,310
things that other people would not have

880
00:36:57,970 --> 00:36:54,920
the chance to do so we'll go behind the

881
00:37:00,340 --> 00:36:57,980
scenes of a particular museum will go

882
00:37:02,710 --> 00:37:00,350
and meet the preeminent expert on

883
00:37:04,330 --> 00:37:02,720
various things we sort of go that extra

884
00:37:08,290 --> 00:37:04,340
layout to make it a really unique

885
00:37:10,630 --> 00:37:08,300
experience and it's not it's very

886
00:37:12,400 --> 00:37:10,640
educational it's not boring educational

887
00:37:14,140 --> 00:37:12,410
it's very educational but with a social

888
00:37:16,720 --> 00:37:14,150

aspects on sort of the best of both

889

00:37:18,310 --> 00:37:16,730

worlds and now we have quite a few

890

00:37:20,320 --> 00:37:18,320

takers for our Lord Howe Island trip

891

00:37:23,530 --> 00:37:20,330

which is in November this you we have

892

00:37:24,580 --> 00:37:23,540

one or two spaces left but yeah I

893

00:37:26,140 --> 00:37:24,590

remember to come forward with

894

00:37:28,300 --> 00:37:26,150

suggestions of other places in the world

895

00:37:29,950 --> 00:37:28,310

they'd like to see and we listened to

896

00:37:31,810 --> 00:37:29,960

that and then try to arrange trips in

897

00:37:33,970 --> 00:37:31,820

connection that's certainly how the

898

00:37:35,740 --> 00:37:33,980

recent Antarctica trip came off because

899

00:37:38,080 --> 00:37:35,750

a lot of people wanted to go there did

900

00:37:40,750 --> 00:37:38,090

you go I actually did go on that

901
00:37:43,360 --> 00:37:40,760
particular trip amazing experience

902
00:37:46,150 --> 00:37:43,370
amazing part of the world everybody I've

903
00:37:48,640 --> 00:37:46,160
ever met who's gone there says exactly

904
00:37:50,920 --> 00:37:48,650
the same thing they just blown away by

905
00:37:52,780 --> 00:37:50,930
it all yeah it is it is really amazing

906
00:37:55,690 --> 00:37:52,790
and I mean the key reason we're here is

907
00:37:58,210 --> 00:37:55,700
to allow people to become members of the

908
00:38:00,160 --> 00:37:58,220
museum and just for the museum but to

909
00:38:02,710 --> 00:38:00,170
allow them to learn about their world so

910
00:38:06,120 --> 00:38:02,720
part of that process was taking a group

911
00:38:08,170 --> 00:38:06,130
of them to Antarctica and so part of the

912
00:38:10,240 --> 00:38:08,180
experience of that from my perspective

913
00:38:12,280 --> 00:38:10,250

is interacting with those people and

914

00:38:14,200 --> 00:38:12,290

being with them as they have that

915

00:38:16,120 --> 00:38:14,210

amazing experience must be a wonderful

916

00:38:18,100 --> 00:38:16,130

feeling of community of like-minded

917

00:38:21,550 --> 00:38:18,110

people especially on an adventure like

918

00:38:23,080 --> 00:38:21,560

that yes and there is a definite

919

00:38:25,630 --> 00:38:23,090

community that occurs a lot of people

920

00:38:27,370 --> 00:38:25,640

actually strike up friendships they then

921

00:38:30,040 --> 00:38:27,380

we've had some people who've come on

922

00:38:31,600 --> 00:38:30,050

some of our troops Serena and I both did

923

00:38:33,010 --> 00:38:31,610

explore our back new south wales and

924

00:38:35,020 --> 00:38:33,020

there are some people who came on that

925

00:38:37,390 --> 00:38:35,030

became friends and then they came to

926

00:38:39,550 --> 00:38:37,400

Lizard Island with us oh so that's

927

00:38:42,130 --> 00:38:39,560

another part of Australia museum members

928

00:38:45,400 --> 00:38:42,140

it's about education and community but

929

00:38:48,280 --> 00:38:45,410

it's also about social interaction so

930

00:38:50,290 --> 00:38:48,290

there's many many layers to it and it is

931

00:38:52,620 --> 00:38:50,300

it is in rest of the community we often

932

00:38:54,880 --> 00:38:52,630

arranged on reunions after the trips and

933

00:38:56,500 --> 00:38:54,890

so it is about that sort of connect

934

00:38:58,750 --> 00:38:56,510

it's not just about numbers and things

935

00:38:59,890 --> 00:38:58,760

it's about people community and that

936

00:39:01,150 --> 00:38:59,900

kind of thing the great thing about

937

00:39:02,620 --> 00:39:01,160

doing it through the Australian Museum

938

00:39:03,910 --> 00:39:02,630

as once again the connections so you

939

00:39:05,829 --> 00:39:03,920

wouldn't you would be able to get into

940

00:39:08,650 --> 00:39:05,839

many museums overseas or behind the

941

00:39:09,940 --> 00:39:08,660

scenes at another museum it's it's a

942

00:39:12,700 --> 00:39:09,950

great way to make connections and to

943

00:39:14,500 --> 00:39:12,710

learn more deeply and you know in the

944

00:39:15,759 --> 00:39:14,510

places that you go you wouldn't just be

945

00:39:17,259 --> 00:39:15,769

going to tourist places you'd be really

946

00:39:21,269 --> 00:39:17,269

getting into the really

947

00:39:24,039 --> 00:39:21,279

behind-the-scenes special experiences oh

948

00:39:25,930 --> 00:39:24,049

now we've just come upstairs here to the

949

00:39:28,450 --> 00:39:25,940

dinosaur gallery ladies isn't this

950

00:39:30,910 --> 00:39:28,460

fantastic yes it's a great space this

951
00:39:34,059 --> 00:39:30,920
jolly museum opened this new space just

952
00:39:36,819 --> 00:39:34,069
recently in fact i think was last year

953
00:39:38,680 --> 00:39:36,829
sometime from memory yes about one year

954
00:39:41,680 --> 00:39:38,690
ago about a year ago but what a

955
00:39:43,569 --> 00:39:41,690
fantastic use of this room up here at

956
00:39:45,640 --> 00:39:43,579
the top of the stairs and let's have a

957
00:39:48,309 --> 00:39:45,650
look at this a giant dinosaur welcomes

958
00:39:50,230 --> 00:39:48,319
us on our arrival and if we just sneak

959
00:39:52,900 --> 00:39:50,240
around the corner here we can see a huge

960
00:39:54,609 --> 00:39:52,910
video display and if we wait long enough

961
00:39:57,670 --> 00:39:54,619
dinosaurs come and feed at the water

962
00:39:59,259 --> 00:39:57,680
don't they yeah this is what happened 95

963
00:40:02,499 --> 00:39:59,269

million years ago at Whitsun in

964

00:40:04,210 --> 00:40:02,509

Queensland I've been there actually yeah

965

00:40:06,279 --> 00:40:04,220

yeah I've been I've seen the tracks it's

966

00:40:07,960 --> 00:40:06,289

fascinating all sorts of fossils there's

967

00:40:09,490 --> 00:40:07,970

things for people to look at and touch

968

00:40:10,749 --> 00:40:09,500

and feel which is really important I

969

00:40:12,490 --> 00:40:10,759

think a lot of kids would love to do

970

00:40:14,079 --> 00:40:12,500

that it's a great use of space in it to

971

00:40:16,749 --> 00:40:14,089

Herot obviously a heritage gallery that

972

00:40:18,099 --> 00:40:16,759

was concealed before so all the cladding

973

00:40:19,539 --> 00:40:18,109

that had concealed all the heritage

974

00:40:21,730 --> 00:40:19,549

features have been pulled off so it's

975

00:40:23,740 --> 00:40:21,740

really nice with the building and the

976

00:40:25,359 --> 00:40:23,750

dinosaurs no I can hear now the

977

00:40:29,470 --> 00:40:25,369

Australian Museum of course as you are

978

00:40:30,670 --> 00:40:29,480

saying before hello no no going to

979

00:40:32,349 --> 00:40:30,680

swords yet while we're waiting for the

980

00:40:34,779 --> 00:40:32,359

dinosaurs to come Australian museum

981

00:40:37,660 --> 00:40:34,789

members of course were instrumental in

982

00:40:41,230 --> 00:40:37,670

this gallery weren't they yes we

983

00:40:43,960 --> 00:40:41,240

provided \$100,000 towards this gallery

984

00:40:45,640 --> 00:40:43,970

we have a long tradition of providing as

985

00:40:48,490 --> 00:40:45,650

much support to the external museum as

986

00:40:49,900 --> 00:40:48,500

we can and \$100,000 to this new

987

00:40:52,509 --> 00:40:49,910

dinosaurs gallery was our most recent

988

00:40:55,190 --> 00:40:52,519

contribution it's just one money well

989

00:40:58,520 --> 00:40:55,200

spent so interesting and such a will

990

00:41:01,220 --> 00:40:58,530

Oh thunder and lightning motor

991

00:41:02,329 --> 00:41:01,230

redemption there's a giant video display

992

00:41:06,349 --> 00:41:02,339

in front of it since like an ancient

993

00:41:09,349 --> 00:41:06,359

sort of creek or a river or lake and we

994

00:41:11,690 --> 00:41:09,359

just it's it's it's all over a wall here

995

00:41:14,390 --> 00:41:11,700

on at the gallery we're just waiting for

996

00:41:15,859 --> 00:41:14,400

the dinosaurs to come it's all the

997

00:41:18,050 --> 00:41:15,869

anticipation but while we're waiting for

998

00:41:20,930 --> 00:41:18,060

the dinosaurs to come if we step over

999

00:41:23,870 --> 00:41:20,940

this way a bit and we look up my

1000

00:41:26,540 --> 00:41:23,880

goodness mean look at that everyone it's

1001
00:41:28,280 --> 00:41:26,550
a feathered dinosaur now I had to have a

1002
00:41:30,920 --> 00:41:28,290
look at this and a mention of this

1003
00:41:33,560 --> 00:41:30,930
because the feathered dinosaurs here

1004
00:41:37,430 --> 00:41:33,570
were actually originally sponsored by

1005
00:41:39,140 --> 00:41:37,440
Australian skeptics yeah so that's our

1006
00:41:41,210 --> 00:41:39,150
little contribution to this wonderful

1007
00:41:42,800 --> 00:41:41,220
gallery and every time I come here I

1008
00:41:44,450 --> 00:41:42,810
always have a good look at the old

1009
00:41:45,980 --> 00:41:44,460
feathered dinosaurs doesn't doesn't that

1010
00:41:47,359 --> 00:41:45,990
look fantastic he looks like he's just

1011
00:41:49,190 --> 00:41:47,369
about to jump down and eat you in paper

1012
00:41:51,500 --> 00:41:49,200
well thank you very much that's

1013
00:41:53,150 --> 00:41:51,510

fantastic thank you yes at the time I

1014

00:41:55,250 --> 00:41:53,160

remember it was a great pleasure for us

1015

00:41:56,810 --> 00:41:55,260

to do that down here we have some

1016

00:41:58,040 --> 00:41:56,820

recreations of what it smelt like at the

1017

00:41:59,930 --> 00:41:58,050

time of the dinosaurs what kind of

1018

00:42:02,990 --> 00:41:59,940

plants were around and some of the

1019

00:42:05,690 --> 00:42:03,000

smaller dinosaurs Annette baby dinosaurs

1020

00:42:07,040 --> 00:42:05,700

and eggs in oh yeah so if you come over

1021

00:42:09,829 --> 00:42:07,050

here you can actually smell what it

1022

00:42:11,599 --> 00:42:09,839

smells like smell a dinosaur well that's

1023

00:42:14,200 --> 00:42:11,609

an interesting concept so we're just

1024

00:42:19,520 --> 00:42:14,210

walking around the the displays now oh

1025

00:42:29,150 --> 00:42:23,000

do I have I'm not sure I've never

1026
00:42:31,730 --> 00:42:29,160
smelled the dinosaur become final sort

1027
00:42:34,550 --> 00:42:31,740
of bigots oh he thinks it Estelle sounds

1028
00:42:40,130 --> 00:42:34,560
like dinosaurs here yes he does she love

1029
00:42:42,770 --> 00:42:40,140
dinosaurs oh he does he's a bit shy here

1030
00:42:48,050 --> 00:42:42,780
that interaction yeah sniffing the

1031
00:42:51,830 --> 00:42:48,060
visual and audio discover how they lived

1032
00:42:53,870 --> 00:42:51,840
died and survived excellent one last

1033
00:42:55,670 --> 00:42:53,880
look shall we try a showy tempt fate and

1034
00:42:56,930 --> 00:42:55,680
walk around the corner again and you

1035
00:42:59,240 --> 00:42:56,940
also find out whether or not that come

1036
00:43:03,490 --> 00:42:59,250
to life mmm if you do sleep there oh

1037
00:43:07,070 --> 00:43:03,500
really secrets are revealed

1038
00:43:10,130 --> 00:43:07,080

we can only hope other now this is very

1039

00:43:12,380 --> 00:43:10,140

exciting as we as we stand here believe

1040

00:43:15,140 --> 00:43:12,390

some birds to show that the the

1041

00:43:18,260 --> 00:43:15,150

evolutionary link between dinosaurs and

1042

00:43:19,760 --> 00:43:18,270

birds and in about 30 seconds times

1043

00:43:21,740 --> 00:43:19,770

we're going to 30 seconds time we're

1044

00:43:24,230 --> 00:43:21,750

going to actually see some dinosaurs yes

1045

00:43:33,840 --> 00:43:24,240

but I can't make please Oh everything

1046

00:43:43,230 --> 00:43:39,880

here he comes dinosaurs just come across

1047

00:43:45,100 --> 00:43:43,240

the landscape now I don't scare him away

1048

00:43:50,020 --> 00:43:45,110

there's lots of kids here they're

1049

00:43:54,850 --> 00:43:50,030

transfixed he's having a dream very

1050

00:43:56,140 --> 00:43:54,860

real-looking it is everyone's under

1051
00:43:58,090 --> 00:43:56,150
gallery has stopped and they're all

1052
00:44:04,150 --> 00:43:58,100
staring this huge dinosaur that's just

1053
00:44:08,980 --> 00:44:04,160
appeared on war then what it looks like

1054
00:44:11,800 --> 00:44:08,990
it's splashing out of sna dreams I think

1055
00:44:14,320 --> 00:44:11,810
I can hear another one think you might

1056
00:44:21,550 --> 00:44:19,900
he's just walking away my little destino

1057
00:44:24,520 --> 00:44:21,560
model does he know it's like being David

1058
00:44:36,390 --> 00:44:24,530
and Barack there's a whole little flock

1059
00:44:42,970 --> 00:44:38,890
fascinating that is about 10 Oakland

1060
00:44:51,580 --> 00:44:47,130
little two-legged ansel no babies ladies

1061
00:44:54,430 --> 00:44:51,590
it's about babies have come across in a

1062
00:44:57,070 --> 00:44:54,440
big stream everyone here sitting

1063
00:45:04,900 --> 00:44:57,080

transfixed the babies are kind of feed

1064

00:45:08,260 --> 00:45:04,910

with their parents from the river do

1065

00:45:15,460 --> 00:45:08,270

something else something lurking in the

1066

00:45:15,470 --> 00:45:19,430

it's a theropod to media

1067

00:45:29,290 --> 00:45:21,050

you know there's a scattering there's

1068

00:45:29,300 --> 00:45:39,170

oh dear now he's looking at us

1069

00:45:43,200 --> 00:45:42,030

well wasn't that exciting did you get

1070

00:45:47,190 --> 00:45:43,210

this out of the bones crunching under

1071

00:45:48,660 --> 00:45:47,200

his feet I did I did we better get out

1072

00:45:53,130 --> 00:45:48,670

of here I think before next one comes

1073

00:45:55,740 --> 00:45:53,140

from so Serena do you do you find with

1074

00:45:57,930 --> 00:45:55,750

australian museum members people have a

1075

00:45:59,850 --> 00:45:57,940

real sense of belonging and pride a

1076

00:46:02,700 --> 00:45:59,860

pride in such a wonderful institution

1077

00:46:04,350 --> 00:46:02,710

name is joy museum they absolutely do

1078

00:46:05,640 --> 00:46:04,360

it's so nice to hear people's comments

1079

00:46:07,050 --> 00:46:05,650

when they come out of 12 so when they

1080

00:46:09,930 --> 00:46:07,060

just pop into her office within us an

1081

00:46:11,640 --> 00:46:09,940

email about how proud they are and we

1082

00:46:13,080 --> 00:46:11,650

and the money that we gave recently

1083

00:46:15,570 --> 00:46:13,090

truth the dinosaurs gallery if we just

1084

00:46:17,190 --> 00:46:15,580

discussed yeah it gives them a huge

1085

00:46:18,840 --> 00:46:17,200

sense of pride and it gives their

1086

00:46:19,740 --> 00:46:18,850

children their grandchildren pride they

1087

00:46:21,630 --> 00:46:19,750

can come here and say with my

1088

00:46:24,150 --> 00:46:21,640

grandparents gave money to get that it's

1089

00:46:26,040 --> 00:46:24,160

just you know in time memorial it's just

1090

00:46:27,720 --> 00:46:26,050

going to be everlasting what the

1091

00:46:29,400 --> 00:46:27,730

Australian Museum is a wonderful way to

1092

00:46:31,860 --> 00:46:29,410

spend an afternoon I can vouch for that

1093

00:46:33,570 --> 00:46:31,870

having spent many afternoons here and I

1094

00:46:37,050 --> 00:46:33,580

sincerely encourage everybody to join

1095

00:46:39,210 --> 00:46:37,060

australian museum members now Kate how

1096

00:46:40,860 --> 00:46:39,220

can people go about this well people can

1097

00:46:44,940 --> 00:46:40,870

join up in a variety of ways they can

1098

00:46:47,310 --> 00:46:44,950

certainly call us on 9320 6 225 and we

1099

00:46:50,190 --> 00:46:47,320

can talk them through the process over

1100

00:46:54,720 --> 00:46:50,200

the phone otherwise they can look on the

1101
00:46:57,870 --> 00:46:54,730
internet and go through that process wws

1102
00:47:01,320 --> 00:46:57,880
tralian museum net au forward slash

1103
00:47:03,420 --> 00:47:01,330
members thank you otherwise you can

1104
00:47:04,890 --> 00:47:03,430
actually pop into the museum itself talk

1105
00:47:06,450 --> 00:47:04,900
to the friendly people at the front desk

1106
00:47:07,590 --> 00:47:06,460
and mention that you'd like to join up

1107
00:47:09,870 --> 00:47:07,600
and they can talk you through that

1108
00:47:11,970 --> 00:47:09,880
process so yeah there's a variety of

1109
00:47:14,700 --> 00:47:11,980
different different ways to do it here

1110
00:47:16,980 --> 00:47:14,710
last time I came to see you about

1111
00:47:21,180 --> 00:47:16,990
renewing I signed up for another two

1112
00:47:23,100 --> 00:47:21,190
years so that's how be no good to hear

1113
00:47:24,900 --> 00:47:23,110

well look I can't thank you enough it's

1114

00:47:27,090 --> 00:47:24,910

been a wonderful chance to catch up with

1115

00:47:29,610 --> 00:47:27,100

you both again to my old friends of

1116

00:47:31,950 --> 00:47:29,620

course here at the Australian Museum and

1117

00:47:33,960 --> 00:47:31,960

australian museum members Kate Murray

1118

00:47:45,929 --> 00:47:33,970

and serene and Todd thank you very much

1119

00:47:49,959 --> 00:47:48,489

thank you for listening to the skeptic

1120

00:47:52,569 --> 00:47:49,969

zone and thank you to all the people

1121

00:47:53,829 --> 00:47:52,579

here at the amazing meeting who came up

1122

00:47:57,069 --> 00:47:53,839

to me and told me that they were in fact

1123

00:47:59,409 --> 00:47:57,079

listening to the skeptic zone next week

1124

00:48:02,139 --> 00:47:59,419

the full episodes back with the grain of

1125

00:48:04,630 --> 00:48:02,149

salt dr. Reggie reports and the think

1126

00:48:07,929 --> 00:48:04,640

tank until then it's goodbye from

1127

00:48:13,719 --> 00:48:07,939

Richard Saunders signing off from Las

1128

00:48:16,649 --> 00:48:13,729

Vegas Nevada you've been listening to

1129

00:48:20,649 --> 00:48:16,659

the skeptic zone visit our website at

1130

00:48:25,890 --> 00:48:20,659

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