

1
00:00:20,649 --> 00:00:26,809
hello and welcome to the skeptic zone

2
00:00:23,390 --> 00:00:30,380
show number 47 for the eleventh of sep

3
00:00:26,809 --> 00:00:32,808
tember 2009 Richard Saunders here with

4
00:00:30,379 --> 00:00:34,878
you back in Sydney Australia fresh off

5
00:00:32,808 --> 00:00:38,299
the plane after spending a week in

6
00:00:34,878 --> 00:00:40,908
Atlanta Georgia at dragoncon with zone

7
00:00:38,299 --> 00:00:43,488
members Kylie Sturgis and dr. Reggie

8
00:00:40,908 --> 00:00:46,009
Dunlop we even recorded a special

9
00:00:43,488 --> 00:00:48,169
skeptic zone live at the convention and

10
00:00:46,009 --> 00:00:51,018
we'll be playing that soon on an

11
00:00:48,170 --> 00:00:52,698
upcoming episode will also be bringing

12
00:00:51,018 --> 00:00:55,339
you many interviews over the coming

13
00:00:52,698 --> 00:00:57,768
weeks with skeptics and others who are

14
00:00:55,340 --> 00:01:00,559
at dragoncon and even some interviews

15
00:00:57,768 --> 00:01:02,899
from new york as dr. AG is still in the

16
00:01:00,558 --> 00:01:05,420
u.s. to attend the New York skeptics in

17
00:01:02,899 --> 00:01:07,640
the pub and the Nexus meeting on the

18
00:01:05,420 --> 00:01:14,259
twelfth of September you can find out

19
00:01:07,640 --> 00:01:17,299
more by visiting w WN ecss co n dot org

20
00:01:14,259 --> 00:01:19,819
but now to this week's show which is

21
00:01:17,299 --> 00:01:22,368
sort of a grab bag of our experiences of

22
00:01:19,819 --> 00:01:24,259
dragoncon just some recordings i made

23
00:01:22,368 --> 00:01:27,109
along the way to hopefully give you a

24
00:01:24,259 --> 00:01:29,659
taste of this unbelievable and frantic

25
00:01:27,109 --> 00:01:31,938
meeting that's followed by a recording

26
00:01:29,659 --> 00:01:34,820
of one of the panels I was lucky enough

27
00:01:31,938 --> 00:01:37,039
to be part of this was a presentation

28
00:01:34,819 --> 00:01:39,798
given by dr. Martin bridge stock and

29

00:01:37,040 --> 00:01:41,750
Kylie Sturgis of some of the findings of

30
00:01:39,799 --> 00:01:45,380
their survey into beliefs of the

31
00:01:41,750 --> 00:01:48,680
paranormal here in Australia so sit back

32
00:01:45,379 --> 00:01:50,269
grab a nice cup of lemon tea and now

33
00:01:48,680 --> 00:01:52,909
that works for me when I've got a sore

34
00:01:50,269 --> 00:01:55,569
throat and enjoy this episode of the

35
00:01:52,909 --> 00:01:55,570
skeptic zone

36
00:02:04,000 --> 00:02:10,459
dragon con 2009 was held from the 4th to

37
00:02:08,118 --> 00:02:13,219
the seventh of September in Atlanta

38
00:02:10,459 --> 00:02:15,439
Georgia I together with dr. Rachel

39
00:02:13,219 --> 00:02:17,659
Dunlop and dr. Steve Roberts from

40
00:02:15,439 --> 00:02:20,449
Australian skeptics flew over to join

41
00:02:17,659 --> 00:02:22,909
fellow Australians Kylie Sturgis and dr.

42
00:02:20,449 --> 00:02:26,799
Martin bridge stock the flight was long

43
00:02:22,909 --> 00:02:26,799

but the company was terrific

44

00:02:34,860 --> 00:02:39,390

I'll with our duty free card

45

00:02:41,459 --> 00:02:47,830

in front of you we also have a moniker

46

00:02:44,110 --> 00:02:51,230

so you take all major credit cards we

47

00:02:47,830 --> 00:02:53,360

will be began duty-free it's just human

48

00:02:51,229 --> 00:02:55,609

well it's not a bus announcement of the

49

00:02:53,360 --> 00:02:58,340

club but it's next Wesley I dr. aging hi

50

00:02:55,610 --> 00:03:00,739

Richard how are you I'm fine welcome to

51

00:02:58,340 --> 00:03:03,259

the mile-high think tank yeah isn't it

52

00:03:00,739 --> 00:03:05,110

great we are currently at oh I'm looking

53

00:03:03,259 --> 00:03:08,030

at my little map thing on my

54

00:03:05,110 --> 00:03:10,250

entertainment device and it doesn't tell

55

00:03:08,030 --> 00:03:13,489

us how high we are you should assume it

56

00:03:10,250 --> 00:03:15,530

well said we are near new caledonia

57

00:03:13,489 --> 00:03:17,719

between Australia and VG at the moment

58
00:03:15,530 --> 00:03:20,240
yeah we're passing to the east side of

59
00:03:17,719 --> 00:03:25,939
new caledonia

60
00:03:20,240 --> 00:03:28,760
and we are 33,000 996 feet up in the air

61
00:03:25,939 --> 00:03:31,280
and it's minus 38 degrees celsius

62
00:03:28,759 --> 00:03:32,959
outside we were traveling a 1069

63
00:03:31,280 --> 00:03:35,300
kilometres an hour wow that's impressive

64
00:03:32,960 --> 00:03:36,650
isn't it it's not bad oh yeah there's

65
00:03:35,300 --> 00:03:38,270
new caledonia you know we're heading for

66
00:03:36,650 --> 00:03:41,480
Fiji right now we're going to pass right

67
00:03:38,270 --> 00:03:43,460
over the top of Fiji so how are you

68
00:03:41,479 --> 00:03:46,729
enjoying the flight so far richer loving

69
00:03:43,460 --> 00:03:49,370
is realized I'm Adam yeah okay there is

70
00:03:46,729 --> 00:03:51,269
no we just don't if it is important very

71
00:03:49,370 --> 00:03:53,400
important yeah

72
00:03:51,270 --> 00:04:01,140
and we've only got 9 hours 32 minutes

73
00:03:53,400 --> 00:04:03,930
left to go hooray yay after a couple of

74
00:04:01,139 --> 00:04:07,229
hours stopover in LA we finally flew

75
00:04:03,930 --> 00:04:09,390
into atlanta the total trip time was 24

76
00:04:07,229 --> 00:04:12,929
hours door to door the next morning

77
00:04:09,389 --> 00:04:21,209
being Thursday Rachel Steve and I headed

78
00:04:12,930 --> 00:04:24,990
out for breakfast hilton buffet

79
00:04:21,209 --> 00:04:26,910
breakfast trade shop hmm oh he's nomming

80
00:04:24,990 --> 00:04:29,730
hello steve from nom nom nom nom both

81
00:04:26,910 --> 00:04:31,890
nomming where this is what day is it

82
00:04:29,730 --> 00:04:33,629
Thursday Thursday morning and this is

83
00:04:31,889 --> 00:04:36,479
the calm before the storm I promise you

84
00:04:33,629 --> 00:04:37,860
as you say yes I mean it's nice and

85
00:04:36,480 --> 00:04:41,670
peaceful the moment not many people are

86

00:04:37,860 --> 00:04:45,660
around but starting today people flying

87
00:04:41,670 --> 00:04:47,520
in rookies and he walks and done general

88
00:04:45,660 --> 00:04:48,930
i mean--is wiki's and a walk switches

89
00:04:47,519 --> 00:04:50,969
are they gonna get dressed from a game

90
00:04:48,930 --> 00:04:53,100
or probably our boat I don't know oh

91
00:04:50,970 --> 00:04:55,130
hang on Steve suggesting that flying can

92
00:04:53,100 --> 00:04:58,230
they fly your they're literally flying

93
00:04:55,129 --> 00:05:00,569
there flapping their wiki wings and hang

94
00:04:58,230 --> 00:05:02,600
on all his car fly Oh anything's

95
00:05:00,569 --> 00:05:05,339
possible everyone's getting I'm not a

96
00:05:02,600 --> 00:05:06,540
science fiction but this is a lovely set

97
00:05:05,339 --> 00:05:08,939
up they've got here at the Hilton Hotel

98
00:05:06,540 --> 00:05:11,010
it's it's just really a struggle i said

99
00:05:08,939 --> 00:05:12,750
this year we having a nice breakfast at

100
00:05:11,009 --> 00:05:14,939

the moment sitting here they've done

101

00:05:12,750 --> 00:05:16,829

they've redone the this floor from last

102

00:05:14,939 --> 00:05:19,410

year which is a bit surprising and

103

00:05:16,829 --> 00:05:22,289

there's an L there's now am a sky bridge

104

00:05:19,410 --> 00:05:24,480

between this hotel and the merrier which

105

00:05:22,290 --> 00:05:26,280

is a huge improvement we're very pleased

106

00:05:24,480 --> 00:05:27,509

about Richard and delighted last year

107

00:05:26,279 --> 00:05:29,399

were queuing up on the street and

108

00:05:27,509 --> 00:05:31,860

walking around trucks and the area this

109

00:05:29,399 --> 00:05:35,449

is really well so this is the calm

110

00:05:31,860 --> 00:05:35,449

before the storm let's see what happens

111

00:05:40,870 --> 00:05:46,160

later on that day after meeting up with

112

00:05:43,430 --> 00:05:48,949

many old friends we headed for the star

113

00:05:46,160 --> 00:05:51,290

party at the observatory I couldn't help

114

00:05:48,949 --> 00:06:04,399

but notice the sounds of the local

115
00:05:51,290 --> 00:06:07,160
wildlife well I've come to the star

116
00:06:04,399 --> 00:06:09,169
party here in Atlanta it's thursday

117
00:06:07,160 --> 00:06:13,730
night and dragoncon really kicks off

118
00:06:09,170 --> 00:06:17,629
tomorrow and it's wonderful party to

119
00:06:13,730 --> 00:06:19,970
benefit cancer research unfortunately

120
00:06:17,629 --> 00:06:22,819
jet lag has caught up with me quite a

121
00:06:19,970 --> 00:06:24,590
bit and us having trouble staying awake

122
00:06:22,819 --> 00:06:26,689
in in the lectures which is a bit

123
00:06:24,589 --> 00:06:29,359
embarrassing so I've come out for a bit

124
00:06:26,689 --> 00:06:33,139
of fresh end I don't know if you can

125
00:06:29,360 --> 00:06:35,629
hear that I guess you can cicadas now

126
00:06:33,139 --> 00:06:37,430
back home in Australia all the cicadas

127
00:06:35,629 --> 00:06:39,620
when they chirp or whistle whatever they

128
00:06:37,430 --> 00:06:43,150
do show up I guess they all do it in

129
00:06:39,620 --> 00:06:43,149
unison but here

130
00:06:45,420 --> 00:06:48,689
as the plane flies over it's like

131
00:06:47,250 --> 00:06:52,730
they're having a conversation with each

132
00:06:48,689 --> 00:06:52,730
other and all got their own rhythm

133
00:06:53,589 --> 00:06:58,549
it's a very warm evening it's it's

134
00:06:56,120 --> 00:07:00,230
beautiful here and run one of the burbs

135
00:06:58,550 --> 00:07:03,770
of that I plan to whether the

136
00:07:00,230 --> 00:07:07,400
observatory is that's interesting to

137
00:07:03,769 --> 00:07:10,669
hear the cicadas not much to do with

138
00:07:07,399 --> 00:07:12,789
skepticism I know but it's just an

139
00:07:10,670 --> 00:07:12,790
observation

140
00:07:21,610 --> 00:07:26,330
the next day it was time for dr. ray

141
00:07:24,290 --> 00:07:34,689
cheetah star she gave her first

142
00:07:26,329 --> 00:07:38,000
dragoncon presentation it's day one it's

143

00:07:34,689 --> 00:07:39,889
still friday comment before o'clock and

144
00:07:38,000 --> 00:07:43,639
the next speaker on the skeptics program

145
00:07:39,889 --> 00:07:46,189
is dr. HD hi dr. HC i Richard and the

146
00:07:43,639 --> 00:07:49,729
rooms filling up it's a really really

147
00:07:46,189 --> 00:07:50,689
good to be heard so first experience of

148
00:07:49,730 --> 00:07:52,490
course sweetie what do you think a

149
00:07:50,689 --> 00:07:54,199
dragon con so far well I haven't really

150
00:07:52,490 --> 00:07:56,090
had a chance to go out and really take

151
00:07:54,199 --> 00:07:58,789
in the atmosphere yet which I will do

152
00:07:56,089 --> 00:08:00,169
after this in fact and I'm I've seen

153
00:07:58,790 --> 00:08:01,430
quite a few interesting things you were

154
00:08:00,170 --> 00:08:03,470
right about the wookies and the

155
00:08:01,430 --> 00:08:05,780
stormtroopers they're everywhere yeah

156
00:08:03,470 --> 00:08:10,130
I've seen some Harry Potter's I've seen

157
00:08:05,779 --> 00:08:11,839

some doctor who's that's just like elves

158

00:08:10,129 --> 00:08:13,790

and fairies and things and there's a

159

00:08:11,839 --> 00:08:16,159

huge amount of star trackers young trick

160

00:08:13,790 --> 00:08:17,629

is I saw some guy with a couple of guys

161

00:08:16,160 --> 00:08:18,920

with what look like ice cream containers

162

00:08:17,629 --> 00:08:21,339

on their heads I'm not quite sure what

163

00:08:18,920 --> 00:08:23,840

they were the Bruce's are back this year

164

00:08:21,339 --> 00:08:26,000

earlier yeah I've heard about them yeah

165

00:08:23,839 --> 00:08:27,709

there are a couple of southern Americans

166

00:08:26,000 --> 00:08:30,439

who dress up as Australian yes yes very

167

00:08:27,709 --> 00:08:32,299

strange yeah in sort of dungarees and

168

00:08:30,439 --> 00:08:34,250

hats with corks on them and walk around

169

00:08:32,299 --> 00:08:37,038

with big cans of fosters which we don't

170

00:08:34,250 --> 00:08:38,899

even drink cuz it so awful yeah I must

171

00:08:37,038 --> 00:08:42,069

meet them and they put on australian

172
00:08:38,899 --> 00:08:44,959
accents don't they know they can try

173
00:08:42,070 --> 00:08:47,300
okay so and yourself Richard have you

174
00:08:44,960 --> 00:08:49,490
been enjoying it oh yeah great I'm over

175
00:08:47,299 --> 00:08:51,049
the worst of the jetlag makes it a bit

176
00:08:49,490 --> 00:08:52,430
of a frog in my throat which I hope will

177
00:08:51,049 --> 00:08:54,469
disappear by the time we do our own

178
00:08:52,429 --> 00:08:59,389
podcasting organisation yes but it

179
00:08:54,470 --> 00:09:01,639
sounds so sexy yeah not only not at the

180
00:08:59,389 --> 00:09:05,240
moment and Richard Saunders from the

181
00:09:01,639 --> 00:09:06,899
skeptic zone not how I Sam I don't I

182
00:09:05,240 --> 00:09:10,139
just made it up

183
00:09:06,899 --> 00:09:17,850
in the front rows brian dunning is Brian

184
00:09:10,139 --> 00:09:24,959
Dunning from skip toy calm good luck

185
00:09:17,850 --> 00:09:27,689
doctor oh gee thanks dr. Ricardo one of

186
00:09:24,958 --> 00:09:29,909
the attractions of dragoncon for many is

187
00:09:27,688 --> 00:09:32,458
the chance to meet and talk with stars

188
00:09:29,909 --> 00:09:41,669
of film and television in the Walk of

189
00:09:32,458 --> 00:09:43,409
Fame an array key yes hello Richard

190
00:09:41,669 --> 00:09:46,378
hello we just had a lovely chat with

191
00:09:43,409 --> 00:09:48,360
Buck Rogers it is Gerard is that his

192
00:09:46,379 --> 00:09:50,819
name yeah yeah who played back Rogers in

193
00:09:48,360 --> 00:09:52,860
the late 70s TV show the same name we're

194
00:09:50,818 --> 00:09:55,318
in what they call the Walk of Fame here

195
00:09:52,860 --> 00:09:57,539
it's a big ballroom it's Walter all-star

196
00:09:55,318 --> 00:09:59,818
it is and we just also had a very nice

197
00:09:57,539 --> 00:10:02,428
chat to alan roth yes alyssa's may

198
00:09:59,818 --> 00:10:04,649
remember Alan from his role in ferris

199
00:10:02,428 --> 00:10:07,769
bueller's day off and suck and Star Trek

200

00:10:04,649 --> 00:10:09,409
yeah yep and we met a couple of

201
00:10:07,769 --> 00:10:11,659
Australians here

202
00:10:09,409 --> 00:10:13,458
big chats about Australia Gill was very

203
00:10:11,659 --> 00:10:14,659
talkative wasn't he we spoke to him from

204
00:10:13,458 --> 00:10:16,458
about 10 minutes he was just chatting

205
00:10:14,659 --> 00:10:18,379
about his experiences in Australia and

206
00:10:16,458 --> 00:10:20,628
how he came to Australia to the logie

207
00:10:18,379 --> 00:10:24,170
awards which was what about them like

208
00:10:20,629 --> 00:10:26,060
Emmy Awards so there's a quite a great

209
00:10:24,169 --> 00:10:28,370
crowd there's lots of queues for various

210
00:10:26,059 --> 00:10:31,319
stars let's see who's over here we've

211
00:10:28,370 --> 00:10:35,330
got Eric Roberts is over there

212
00:10:31,320 --> 00:10:35,330
lou ferrigno who is the incredible

213
00:10:37,470 --> 00:10:43,730
and you're gonna get Alan bucks I am

214
00:10:41,169 --> 00:10:45,049

going to get out of Mansoura I'm status

215

00:10:43,730 --> 00:10:50,209

the long queue here I don't know who

216

00:10:45,049 --> 00:10:52,338

it's for police today let's make our way

217

00:10:50,208 --> 00:10:53,869

through the crowd now that's one of the

218

00:10:52,339 --> 00:10:57,620

fun things about coming to Dragon time

219

00:10:53,870 --> 00:11:05,089

you get to see all these big stars in

220

00:10:57,620 --> 00:11:06,919

the flesh the lower floors of the

221

00:11:05,089 --> 00:11:09,769

marriott hotel turned into a

222

00:11:06,919 --> 00:11:12,409

never-ending sideshow of fans dressed in

223

00:11:09,769 --> 00:11:15,078

the most amazing and elaborate costumes

224

00:11:12,409 --> 00:11:21,889

hundreds of characters and all of them

225

00:11:15,078 --> 00:11:23,778

ready to pose for photographs I think

226

00:11:21,889 --> 00:11:25,399

we're all in some strange new universe

227

00:11:23,778 --> 00:11:26,600

dr. a chief I know it's some sort of

228

00:11:25,399 --> 00:11:28,370

parallel universe where everyone's

229
00:11:26,600 --> 00:11:31,790
dressed as their favorite character from

230
00:11:28,370 --> 00:11:34,539
a culture where the marriott hotel

231
00:11:31,789 --> 00:11:36,588
surrounded by thousands of people

232
00:11:34,539 --> 00:11:37,969
thousands of cussing so there's wonder

233
00:11:36,589 --> 00:11:42,100
woman over there she must be over 6 feet

234
00:11:37,970 --> 00:11:42,100
tall because she's a boy isn't she

235
00:11:42,940 --> 00:11:48,830
she's very tall very tall that's amazing

236
00:11:46,539 --> 00:11:53,419
dr. Franken photo just over there we've

237
00:11:48,830 --> 00:11:57,290
got some star wars pilots some sort of

238
00:11:53,419 --> 00:12:00,159
wing devil angel e sort of thing Star

239
00:11:57,289 --> 00:12:02,929
Trek people over there people everywhere

240
00:12:00,159 --> 00:12:04,719
we've got a lady in of the green bikini

241
00:12:02,929 --> 00:12:07,399
coming down there playing escalator

242
00:12:04,720 --> 00:12:08,960
there's a lot of steampunk here is an

243
00:12:07,399 --> 00:12:11,299
hour a lot of people just assume no

244
00:12:08,960 --> 00:12:13,700
Harry Potter's wondering about this

245
00:12:11,299 --> 00:12:16,579
Groucho Marx I see over there yeah yeah

246
00:12:13,700 --> 00:12:19,040
it's just distracting you with a black

247
00:12:16,580 --> 00:12:20,900
face he's from a spider man he's a

248
00:12:19,039 --> 00:12:22,399
spider-man hair isn't able Mickey Mouse

249
00:12:20,899 --> 00:12:24,559
looking Harry's universe why the man

250
00:12:22,399 --> 00:12:27,100
Mickey Mouse yeah I'm gonna get a photo

251
00:12:24,559 --> 00:12:27,099
of here right

252
00:12:28,899 --> 00:12:33,409
out of people gathered around taking

253
00:12:31,070 --> 00:12:37,060
photos I think it might be someone half

254
00:12:33,409 --> 00:12:37,059
naked possibly let's have a look yeah

255
00:12:44,149 --> 00:12:48,759
yes

256
00:12:46,179 --> 00:12:52,719
no wonder they're taking photograph in

257

00:12:48,759 --> 00:12:59,679
on yeah I thought so let's get to the

258
00:12:52,720 --> 00:13:02,670
crafting no idea they're like sort of

259
00:12:59,679 --> 00:13:02,669
chainmail angels

260
00:13:03,549 --> 00:13:08,079
one of them is a unicorn insane

261
00:13:10,960 --> 00:13:14,310
Hardig rush everywhere

262
00:13:15,620 --> 00:13:20,959
she's wandering off go upstairs

263
00:13:27,058 --> 00:13:30,598
okay we've come up a couple of levels

264
00:13:28,889 --> 00:13:33,139
and they're just thousands of people

265
00:13:30,599 --> 00:13:36,109
everywhere and all sorts of weird things

266
00:13:33,139 --> 00:13:38,038
is that guy as a devil there there's a

267
00:13:36,109 --> 00:13:41,479
military guy over there there's a

268
00:13:38,038 --> 00:13:49,428
superhero over there there's a Viking

269
00:13:41,479 --> 00:13:49,429
wow these guys in prison Jedi Knights

270
00:13:51,019 --> 00:13:56,110
well Chadwicks explain really what we're

271
00:13:53,690 --> 00:13:59,570

seeing is just people love to dress up

272

00:13:56,110 --> 00:14:01,310

yeah it's some incredible and obviously

273

00:13:59,570 --> 00:14:03,620

people spend a lot of time on some of

274

00:14:01,309 --> 00:14:05,389

these costumes as well there's another

275

00:14:03,620 --> 00:14:07,399

wonder woman over there I've seen a

276

00:14:05,389 --> 00:14:09,409

couple of wonder women this weekend in a

277

00:14:07,399 --> 00:14:12,189

black Superman that was funny Superman

278

00:14:09,409 --> 00:14:15,009

you yeah I got his photo yesterday

279

00:14:12,190 --> 00:14:22,040

there's people just as where's waldo

280

00:14:15,009 --> 00:14:24,559

which is interesting board games are a

281

00:14:22,039 --> 00:14:26,599

very popular part of dragoncon but i

282

00:14:24,559 --> 00:14:31,938

never imagined they came in so many

283

00:14:26,600 --> 00:14:34,759

varieties well one of these

284

00:14:31,938 --> 00:14:36,588

one of the major features of dragoncon

285

00:14:34,759 --> 00:14:39,048

apart from all the other major features

286
00:14:36,589 --> 00:14:41,629
is the gaming like Dungeons and Dragons

287
00:14:39,048 --> 00:14:43,519
and dice games and games of little cards

288
00:14:41,629 --> 00:14:46,668
now we've come right down to the bottom

289
00:14:43,519 --> 00:14:48,769
of the hilton sort of the the bowels of

290
00:14:46,668 --> 00:14:52,278
the hilton and we're an enormous room

291
00:14:48,769 --> 00:14:53,688
here yes i Richard we are it's some yeah

292
00:14:52,278 --> 00:14:56,499
it goes on forever doesn't it end as

293
00:14:53,688 --> 00:14:58,818
little rows and rows of tables and

294
00:14:56,499 --> 00:15:00,798
people playing games playing games here

295
00:14:58,818 --> 00:15:04,788
our games of every description if we

296
00:15:00,798 --> 00:15:07,908
walk over here there's a whole table

297
00:15:04,788 --> 00:15:11,019
with the most amazing miniature little

298
00:15:07,908 --> 00:15:13,938
characters for games they're only about

299
00:15:11,019 --> 00:15:17,269
three centimeters tall and they're

300
00:15:13,938 --> 00:15:19,458
superheroes and all sorts of things very

301
00:15:17,269 --> 00:15:21,349
colorful yeah they look great oh crap

302
00:15:19,458 --> 00:15:22,878
but there are there are people sitting

303
00:15:21,349 --> 00:15:26,750
in tables playing all sorts of games

304
00:15:22,879 --> 00:15:30,500
over here games I've never heard about

305
00:15:26,750 --> 00:15:34,009
lots of rules lots of cards with dice

306
00:15:30,500 --> 00:15:36,379
and little bits you pop out we're doing

307
00:15:34,009 --> 00:15:39,139
a podcast from Australia really hi

308
00:15:36,379 --> 00:15:43,549
everyone re oh hello and this game is

309
00:15:39,139 --> 00:15:45,830
fury of dracula wow it didn't know that

310
00:15:43,549 --> 00:15:47,719
oh I see the little vampire he figures

311
00:15:45,830 --> 00:15:49,580
that you're playing with me so you move

312
00:15:47,720 --> 00:15:51,649
around sort of a big map of Europe

313
00:15:49,580 --> 00:15:53,540
they're going to England around Europe

314

00:15:51,649 --> 00:15:57,049
to explain that one just gotta find

315
00:15:53,539 --> 00:15:58,789
Dracula Indian Israelis directly in your

316
00:15:57,049 --> 00:16:02,000
trying to find you amberlynn Emily's

317
00:15:58,789 --> 00:16:05,269
right there we tried but the car again

318
00:16:02,000 --> 00:16:06,919
man if you drive a stake so there's

319
00:16:05,269 --> 00:16:08,240
cards and there's dice involved with

320
00:16:06,919 --> 00:16:10,699
this game for those sorts of things like

321
00:16:08,240 --> 00:16:14,330
that it's fantastic they get a ride I'm

322
00:16:10,700 --> 00:16:15,680
advertised on IMA thing and it's some

323
00:16:14,330 --> 00:16:18,800
traditional board games here to of

324
00:16:15,679 --> 00:16:21,349
course the big table of collectible

325
00:16:18,799 --> 00:16:24,019
trading cards

326
00:16:21,350 --> 00:16:25,759
and I think at night Richard I heard

327
00:16:24,019 --> 00:16:27,919
last night from brian dunning that they

328
00:16:25,759 --> 00:16:30,710

have role-playing down here until very

329

00:16:27,919 --> 00:16:31,849

very late or early in the morning I'm

330

00:16:30,710 --> 00:16:35,480

not quite sure what that cheese was

331

00:16:31,850 --> 00:16:37,519

about I mean I've got cards here good

332

00:16:35,480 --> 00:16:40,340

cards here yeah there's also two cars is

333

00:16:37,519 --> 00:16:41,870

very interesting pokemon cards in magic

334

00:16:40,340 --> 00:16:46,399

cards world of warcraft world of

335

00:16:41,870 --> 00:16:48,679

warcraft and the lady behind the counter

336

00:16:46,399 --> 00:16:54,139

has got the most amazing blue eyes and

337

00:16:48,679 --> 00:16:56,269

draw wow she's a vampire we've actually

338

00:16:54,139 --> 00:17:00,620

with a tankard as well which is handy a

339

00:16:56,269 --> 00:17:03,169

beer yeah dressed up like a pirate a

340

00:17:00,620 --> 00:17:07,130

pirate vampire with blue eyes yes an

341

00:17:03,169 --> 00:17:09,859

extraordinary more role-playing games of

342

00:17:07,130 --> 00:17:12,980

luck see the dice name is there like 10

343
00:17:09,859 --> 00:17:15,019
sided dice 20-sided dice Crowley Sturgis

344
00:17:12,980 --> 00:17:18,380
even do they bought a 30 sided us has

345
00:17:15,019 --> 00:17:20,480
she started yes yeah crazy people

346
00:17:18,380 --> 00:17:23,330
actually use those for gaming I guess

347
00:17:20,480 --> 00:17:26,140
they didn't I guess they do now there's

348
00:17:23,329 --> 00:17:28,730
one over here look at this one Rachel

349
00:17:26,140 --> 00:17:31,190
it's a maze or the train line and

350
00:17:28,730 --> 00:17:32,779
soldiers fighting each other here we go

351
00:17:31,190 --> 00:17:34,340
they're gonna have scorpions that around

352
00:17:32,779 --> 00:17:36,769
the maze and exciting rolling the dog

353
00:17:34,339 --> 00:17:38,449
animals very excited I've never seen

354
00:17:36,769 --> 00:17:41,079
this before but it's um a whole series

355
00:17:38,450 --> 00:17:44,179
of Sylvia looks like a

356
00:17:41,079 --> 00:17:47,418
amazed with soldiers and then they've

357
00:17:44,179 --> 00:17:49,730
got a whole series of scorpions and

358
00:17:47,419 --> 00:17:54,409
spiders and other sort of insects looks

359
00:17:49,730 --> 00:17:56,419
quite home a machine is literally one

360
00:17:54,409 --> 00:17:58,789
thing dr. H about this room it's nice

361
00:17:56,419 --> 00:18:01,730
and cool it's really nice and cool in

362
00:17:58,788 --> 00:18:03,919
fact year we were just in a lecture

363
00:18:01,730 --> 00:18:07,399
earlier a seminar and it was very very

364
00:18:03,919 --> 00:18:09,860
hot and packed out its yeah very space

365
00:18:07,398 --> 00:18:11,298
it's spacious and very nice and cool all

366
00:18:09,859 --> 00:18:14,479
the air conditioning has been channeled

367
00:18:11,298 --> 00:18:16,369
down here it has to the gamers I don't

368
00:18:14,480 --> 00:18:17,750
think anybody plays monopoly in order to

369
00:18:16,369 --> 00:18:21,079
reaching well I don't see monopoly

370
00:18:17,750 --> 00:18:23,240
anywhere to you know so here we are

371

00:18:21,079 --> 00:18:25,609
Richard at the gaming registration table

372
00:18:23,240 --> 00:18:27,109
where you can sign up to play Dungeons

373
00:18:25,609 --> 00:18:29,508
and Dragons or all kinds of other things

374
00:18:27,109 --> 00:18:32,359
but there's also you can sign up to do

375
00:18:29,509 --> 00:18:34,519
love what's locked well it's some sort

376
00:18:32,359 --> 00:18:36,138
of role playing so the RP is role play

377
00:18:34,519 --> 00:18:38,599
and I'm not quite sure what the LA means

378
00:18:36,138 --> 00:18:40,849
but this is lap headquarters right here

379
00:18:38,599 --> 00:18:42,740
and apparently this kicks off late at

380
00:18:40,849 --> 00:18:44,750
night and this is what brian dunning saw

381
00:18:42,740 --> 00:18:48,378
last night and he said it was rather

382
00:18:44,750 --> 00:18:50,359
strange we described it yeah we can come

383
00:18:48,378 --> 00:18:57,168
back and ever look yeah maybe we can

384
00:18:50,359 --> 00:18:59,750
laughs Wow finally after many days that

385
00:18:57,169 --> 00:19:01,850

ran into each other countless costumes

386

00:18:59,750 --> 00:19:04,190

attending and speaking on panels over

387

00:19:01,849 --> 00:19:06,969

three tracks and spending time with good

388

00:19:04,190 --> 00:19:09,980

friends dragoncon came to an end a

389

00:19:06,970 --> 00:19:13,069

ragtag group of skeptics spent the last

390

00:19:09,980 --> 00:19:17,110

few hours of Monday wandering around the

391

00:19:13,069 --> 00:19:17,109

leftovers of the last few days

392

00:19:17,759 --> 00:19:24,279

well all good things must come to an end

393

00:19:20,619 --> 00:19:26,409

and even this even dragoncon we've made

394

00:19:24,279 --> 00:19:28,629

our way halfway up the Hilton Hotel to a

395

00:19:26,410 --> 00:19:31,390

sort of a little weird sort of lounge

396

00:19:28,630 --> 00:19:33,340

area we can hear the elevators going up

397

00:19:31,390 --> 00:19:35,170

and down I'm hit sitting here if you

398

00:19:33,339 --> 00:19:37,149

were the tail end of the ragtag group of

399

00:19:35,170 --> 00:19:38,529

skeptics to the left so what I'll do is

400
00:19:37,150 --> 00:19:41,110
I'll just pass this around I'll get

401
00:19:38,529 --> 00:19:42,910
everybody's comments just introduce

402
00:19:41,109 --> 00:19:46,000
yourself and say a few words about your

403
00:19:42,910 --> 00:19:48,570
experience skeptical Steve Roberts from

404
00:19:46,000 --> 00:19:51,400
Melbourne it's my first Dragon Con a

405
00:19:48,569 --> 00:19:53,859
fluid especially for it it's been a wait

406
00:19:51,400 --> 00:19:56,710
of a sign was 35,000 people here and

407
00:19:53,859 --> 00:19:58,449
many in costume and lots of sessions you

408
00:19:56,710 --> 00:20:01,090
can go so lots of things to see y'all

409
00:19:58,450 --> 00:20:03,309
some things to do I've no time to eat

410
00:20:01,089 --> 00:20:07,059
it's been so frantic I've needed reading

411
00:20:03,309 --> 00:20:08,289
for three days oh hell oh hell of a time

412
00:20:07,059 --> 00:20:10,750
and I'm what he brought to come back

413
00:20:08,289 --> 00:20:19,659
next year so forward to backing column

414
00:20:10,750 --> 00:20:23,019
2010 Cheers this is a mrs. jr skeptic um

415
00:20:19,660 --> 00:20:25,210
I didn't honestly expect to have fun but

416
00:20:23,019 --> 00:20:28,119
I did and I and I met some amazing

417
00:20:25,210 --> 00:20:30,789
people and I had an amazing time doing

418
00:20:28,119 --> 00:20:35,589
nothing in particular mostly gawking and

419
00:20:30,789 --> 00:20:37,299
I'm leaving home with a better feel for

420
00:20:35,589 --> 00:20:40,000
all the wonderful people involved in

421
00:20:37,299 --> 00:20:42,470
skepticism and wonderful ideas for my

422
00:20:40,000 --> 00:20:47,558
costume next year

423
00:20:42,470 --> 00:20:52,730
hey there George Rob with a low post con

424
00:20:47,558 --> 00:20:56,089
voice we are sitting on the 19th floor

425
00:20:52,730 --> 00:20:59,000
watching the elevators fly by as if from

426
00:20:56,089 --> 00:21:04,579
some science-fiction movie which

427
00:20:59,000 --> 00:21:06,109
involves luggage I love this movie and I

428

00:21:04,579 --> 00:21:09,678
want to keep watching it year after year

429
00:21:06,109 --> 00:21:13,639
after year all of the Klingons have gone

430
00:21:09,679 --> 00:21:16,940
home all the iron men have gone home all

431
00:21:13,640 --> 00:21:21,530
of the women with far too much or far

432
00:21:16,940 --> 00:21:24,250
too little clothing have gone home it's

433
00:21:21,529 --> 00:21:24,250
time to go home

434
00:21:26,619 --> 00:21:32,419
this is daniel of jr skeptic sitting

435
00:21:30,049 --> 00:21:34,460
here in this very Logan's Run sort of

436
00:21:32,420 --> 00:21:36,170
space I'm just been touring all the

437
00:21:34,460 --> 00:21:40,100
other logan's run type buildings and

438
00:21:36,170 --> 00:21:44,120
thinking about Star Trek nerds come and

439
00:21:40,099 --> 00:21:49,189
gone and reflecting on what a fantastic

440
00:21:44,119 --> 00:21:52,189
event this was and I'm going home seized

441
00:21:49,190 --> 00:21:55,549
with inspiration and we just found more

442
00:21:52,190 --> 00:22:00,170

friends here come Kylie and Derek Derek

443

00:21:55,549 --> 00:22:03,319

how did it go dragoncon tell us busy I'm

444

00:22:00,170 --> 00:22:05,930

very tired and I thought was kind of

445

00:22:03,319 --> 00:22:08,149

cool and George Arab is sitting here

446

00:22:05,930 --> 00:22:10,789

playing you know homeland range or

447

00:22:08,150 --> 00:22:12,650

something it's like you know was this

448

00:22:10,789 --> 00:22:14,659

everybody's this league everybody's

449

00:22:12,650 --> 00:22:18,920

going home from drank on saw they've

450

00:22:14,660 --> 00:22:22,460

done to do do do do do what was your

451

00:22:18,920 --> 00:22:24,200

impressions of dragoncon Kylie kind of

452

00:22:22,460 --> 00:22:26,440

tastes like mystique so must know

453

00:22:24,200 --> 00:22:28,850

dragoncon taste like Mustangs yeah

454

00:22:26,440 --> 00:22:31,070

that's what I think that's that after

455

00:22:28,849 --> 00:22:34,309

all this time it's starting to yeah just

456

00:22:31,069 --> 00:22:41,539

tastes like Australian or Lisa good

457
00:22:34,309 --> 00:22:44,450
comment cela and finally dr. Richie yeah

458
00:22:41,539 --> 00:22:46,369
it's strange we turned up on Wednesday

459
00:22:44,450 --> 00:22:49,880
and all the hotels were empty and

460
00:22:46,369 --> 00:22:52,759
Richard took me on a bit of a tour to

461
00:22:49,880 --> 00:22:54,290
just show me the juxtaposition of what

462
00:22:52,759 --> 00:22:57,230
would happen on the thursday and the

463
00:22:54,289 --> 00:22:59,119
friday and it's gone back to what it was

464
00:22:57,230 --> 00:23:02,000
on the Wednesday now everything's empty

465
00:22:59,119 --> 00:23:03,889
we went over to the marriott and we did

466
00:23:02,000 --> 00:23:05,960
a bit of a photo shoot over there since

467
00:23:03,890 --> 00:23:10,340
now most people have gone which involved

468
00:23:05,960 --> 00:23:13,190
George walking backwards down an up

469
00:23:10,339 --> 00:23:16,069
escalator and then the five of us

470
00:23:13,190 --> 00:23:20,539
walking down an up escalator until we

471
00:23:16,069 --> 00:23:22,730
heard this oi excuse me

472
00:23:20,539 --> 00:23:24,309
and then the security guard said he

473
00:23:22,730 --> 00:23:28,039
wouldn't give us a lecture but

474
00:23:24,309 --> 00:23:30,019
nevertheless we got in trouble we were

475
00:23:28,039 --> 00:23:31,940
just fooling around and then we took the

476
00:23:30,019 --> 00:23:36,170
lift to the 47th floor of the marriott

477
00:23:31,940 --> 00:23:39,410
which was really cool so this is also my

478
00:23:36,170 --> 00:23:43,160
first Dragon Con and like daniel said

479
00:23:39,410 --> 00:23:44,930
it's a pretty amazing i did around about

480
00:23:43,160 --> 00:23:47,750
i don't know six panels i think all up

481
00:23:44,930 --> 00:23:49,910
had a great time met some people that

482
00:23:47,750 --> 00:23:52,819
i've been working with for a while but

483
00:23:49,910 --> 00:23:56,480
never actually set eyes upon like Steve

484
00:23:52,819 --> 00:23:58,759
novella and rebecca watson and Daniel

485

00:23:56,480 --> 00:24:00,920
Loxton and of course gos here now

486
00:23:58,759 --> 00:24:04,460
playing home on the range for us which

487
00:24:00,920 --> 00:24:07,759
is lovely and we're drinking Molly water

488
00:24:04,460 --> 00:24:16,940
until next year this has been dr. Richie

489
00:24:07,759 --> 00:24:19,220
at DragonCon so dragoncon was over for

490
00:24:16,940 --> 00:24:21,620
yet another year I would like to thank

491
00:24:19,220 --> 00:24:23,720
Derek and swoopy from skeptic allottee

492
00:24:21,619 --> 00:24:26,299
for once again bringing the skeptic

493
00:24:23,720 --> 00:24:28,549
track together thank you to the Aussies

494
00:24:26,299 --> 00:24:30,879
who made the long journey and thank you

495
00:24:28,549 --> 00:24:34,279
to brian dunning who shared our room

496
00:24:30,880 --> 00:24:37,970
also a very special thank you to the

497
00:24:34,279 --> 00:24:40,549
kevin rathbun steak house in Atlanta for

498
00:24:37,970 --> 00:24:43,460
what was simply the best steaks we have

499
00:24:40,549 --> 00:24:46,339

ever eaten I can thoroughly recommend it

500

00:24:43,460 --> 00:24:49,400

and I can thoroughly recommend the chaos

501

00:24:46,339 --> 00:24:52,000

the carnival the experience that is

502

00:24:49,400 --> 00:24:52,000

dragging on

503

00:25:11,230 --> 00:25:15,890

examining the truth in exposing the

504

00:25:13,369 --> 00:25:17,719

frauds but psychics co uk is the website

505

00:25:15,890 --> 00:25:19,820

that critically examines mediums

506

00:25:17,720 --> 00:25:21,650

clairvoyants and psychics follow the

507

00:25:19,819 --> 00:25:23,750

controversies news and discussions in

508

00:25:21,650 --> 00:25:25,250

the lively forum community and now you

509

00:25:23,750 --> 00:25:26,930

can download your weekly fix of

510

00:25:25,250 --> 00:25:29,299

righteous indignation the official

511

00:25:26,930 --> 00:25:30,560

podcast bad psychics khodet UK that

512

00:25:29,299 --> 00:25:33,710

talks hard and critically about

513

00:25:30,559 --> 00:25:35,049

paranormal bad psychics doctor at UK the

514
00:25:33,710 --> 00:25:44,450
UK's largest and most respected

515
00:25:35,049 --> 00:25:46,460
skeptical site looking at psychics now

516
00:25:44,450 --> 00:25:49,730
we bring you dr. Martin bridge stock and

517
00:25:46,460 --> 00:25:52,340
Kylie Sturgis and myself as they discuss

518
00:25:49,730 --> 00:25:56,319
beliefs of the paranormal as part of the

519
00:25:52,339 --> 00:25:59,629
science track at DragonCon I don't know

520
00:25:56,319 --> 00:26:02,539
hello Kylie okay folks as far as I know

521
00:25:59,630 --> 00:26:04,490
this is the only outright research paper

522
00:26:02,539 --> 00:26:07,099
that's being presented Dragon Con this

523
00:26:04,490 --> 00:26:10,400
year my name is Martin Grinch doc I'm an

524
00:26:07,099 --> 00:26:12,649
academic Brisbane in Australia this is

525
00:26:10,400 --> 00:26:15,019
kylie sturgis who is an academic on the

526
00:26:12,650 --> 00:26:16,940
other side of the continent and this is

527
00:26:15,019 --> 00:26:19,190
Richard Saunders who's here representing

528
00:26:16,940 --> 00:26:20,840
the Australian skeptics foundation and

529
00:26:19,190 --> 00:26:23,259
as you'll see we have a lot to thank

530
00:26:20,839 --> 00:26:26,389
Richard and the extermination people for

531
00:26:23,259 --> 00:26:28,059
okay what are we talking about what

532
00:26:26,390 --> 00:26:31,670
we're talking about first of all is

533
00:26:28,059 --> 00:26:33,829
opinion polls opinion polls have been

534
00:26:31,670 --> 00:26:37,130
carried out about people's beliefs in

535
00:26:33,829 --> 00:26:39,559
paranormal claims and they've been

536
00:26:37,130 --> 00:26:42,110
carried out in this country in Australia

537
00:26:39,559 --> 00:26:43,579
in the UK and in other countries and

538
00:26:42,109 --> 00:26:45,409
what they seem to indicate quite

539
00:26:43,579 --> 00:26:47,929
consistently is that large numbers of

540
00:26:45,410 --> 00:26:49,259
people in developed countries we're not

541
00:26:47,930 --> 00:26:50,519
talking about African country

542

00:26:49,259 --> 00:26:52,799
anything like that in developed

543
00:26:50,519 --> 00:26:54,769
countries have one or more paranormal

544
00:26:52,799 --> 00:26:59,279
beliefs they often believe in telepathy

545
00:26:54,769 --> 00:27:02,460
psychic healing ESP and so on another

546
00:26:59,279 --> 00:27:04,559
finding and this has been caught the

547
00:27:02,460 --> 00:27:07,220
cause of a lot of self-flagellation of

548
00:27:04,559 --> 00:27:10,379
all Americans is that very few people

549
00:27:07,220 --> 00:27:11,880
understand how science works that is you

550
00:27:10,380 --> 00:27:14,100
to go to an average person on the street

551
00:27:11,880 --> 00:27:16,410
to say okay what are the processes by

552
00:27:14,099 --> 00:27:18,959
which science works most people can't

553
00:27:16,410 --> 00:27:20,700
tell you they can't even give you the

554
00:27:18,960 --> 00:27:22,470
basis that you'd necessarily involves

555
00:27:20,700 --> 00:27:25,049
some kind of experimental observation

556
00:27:22,470 --> 00:27:28,049

some kind of theory testing and so on

557

00:27:25,049 --> 00:27:30,210

and there are repeated polls which

558

00:27:28,049 --> 00:27:33,960

support these two conclusions for

559

00:27:30,210 --> 00:27:35,579

example there was a 2005 gallup poll in

560

00:27:33,960 --> 00:27:37,559

the united states which indicated a

561

00:27:35,579 --> 00:27:40,079

seventy-three percent of Americans held

562

00:27:37,559 --> 00:27:42,569

at least one périgord belief forty-one

563

00:27:40,079 --> 00:27:44,579

percent of them believed in ESP 37 of

564

00:27:42,569 --> 00:27:46,799

the 37 / sentiment believed in haunted

565

00:27:44,579 --> 00:27:48,569

houses and so on and I'm going to reveal

566

00:27:46,799 --> 00:27:50,039

to a dirty little secret here please

567

00:27:48,569 --> 00:27:51,720

don't shoot the messenger most

568

00:27:50,039 --> 00:27:53,789

Australians when they see those speakers

569

00:27:51,720 --> 00:27:56,549

will think well Americans almost have

570

00:27:53,789 --> 00:27:59,819

lots and lots of funny ideas but polls

571
00:27:56,549 --> 00:28:01,740
have been done in Australia Zoo or

572
00:27:59,819 --> 00:28:04,349
better one up in the USA about

573
00:28:01,740 --> 00:28:06,480
fifty-five percent apparently believe in

574
00:28:04,349 --> 00:28:08,789
creation and I'm not talking about a

575
00:28:06,480 --> 00:28:10,890
broad definition of creation I'm talking

576
00:28:08,789 --> 00:28:13,920
about a preference for youngberg

577
00:28:10,890 --> 00:28:16,040
creationism that is to say an earth

578
00:28:13,920 --> 00:28:18,390
which is thousands of years old and

579
00:28:16,039 --> 00:28:21,000
where people are that were created

580
00:28:18,390 --> 00:28:23,160
pretty much in their present form but

581
00:28:21,000 --> 00:28:25,529
here is an Australian won the Australian

582
00:28:23,160 --> 00:28:28,440
version of Reader's Digest did a poll in

583
00:28:25,529 --> 00:28:29,819
and 2004 and that showed that among

584
00:28:28,440 --> 00:28:31,860
other things about eighty percent of

585
00:28:29,819 --> 00:28:33,990
Australia's believe in ESP or psychic

586
00:28:31,859 --> 00:28:36,000
powers so the Americans are on time to

587
00:28:33,990 --> 00:28:38,069
say well it's the Australians who have

588
00:28:36,000 --> 00:28:40,170
the funny ideas in fact you can't

589
00:28:38,069 --> 00:28:42,299
compare the results as any survey

590
00:28:40,170 --> 00:28:43,890
research and will tell you if you ask

591
00:28:42,299 --> 00:28:45,389
the survey question just

592
00:28:43,890 --> 00:28:47,550
righton differently you often get

593
00:28:45,390 --> 00:28:48,810
enormous differences in the responses so

594
00:28:47,549 --> 00:28:49,859
if the questions are different you're

595
00:28:48,809 --> 00:28:52,230
going to get radically different

596
00:28:49,859 --> 00:28:54,659
responses what we can say with some

597
00:28:52,230 --> 00:28:57,990
confidence from these results is that a

598
00:28:54,660 --> 00:28:59,970
very large numbers of people a big

599

00:28:57,990 --> 00:29:02,490
majority of people do have paranormal

600
00:28:59,970 --> 00:29:05,339
beliefs and also the great majority of

601
00:29:02,490 --> 00:29:08,130
them don't understand how science works

602
00:29:05,339 --> 00:29:09,779
now this latter finding has caused a

603
00:29:08,130 --> 00:29:12,030
great deal of self-flagellation of our

604
00:29:09,779 --> 00:29:13,920
American educators the problem is that

605
00:29:12,029 --> 00:29:16,379
there have been a few studies done which

606
00:29:13,920 --> 00:29:19,230
compare American they're very complex

607
00:29:16,380 --> 00:29:20,730
knowledge of science with European

608
00:29:19,230 --> 00:29:23,009
public knowledge of science and the

609
00:29:20,730 --> 00:29:24,870
Americans actually do a bit better than

610
00:29:23,009 --> 00:29:26,519
the Europeans do so don't let the

611
00:29:24,869 --> 00:29:28,919
Europeans look down their noses at you

612
00:29:26,519 --> 00:29:30,480
in mass they don't know any more than

613
00:29:28,920 --> 00:29:32,519

Americans do okay the next bit is

614

00:29:30,480 --> 00:29:34,880

carbons that makes get there unless an

615

00:29:32,519 --> 00:29:37,619

example of a different sort of hole

616

00:29:34,880 --> 00:29:39,720

involving less of people but it's

617

00:29:37,619 --> 00:29:41,339

certainly a different sort of subject

618

00:29:39,720 --> 00:29:43,920

and that was looking at New Age

619

00:29:41,339 --> 00:29:45,809

practices and it had some interesting

620

00:29:43,920 --> 00:29:48,180

findings about how there are certain

621

00:29:45,809 --> 00:29:50,519

cultural practices like going into yoga

622

00:29:48,180 --> 00:29:53,850

class that will help endorse certain new

623

00:29:50,519 --> 00:29:57,059

age for means such as feng shui crystal

624

00:29:53,849 --> 00:29:59,219

healing reiki and the line and they have

625

00:29:57,059 --> 00:30:01,019

course seen other polls as you mentioned

626

00:29:59,220 --> 00:30:03,120

in other countries it's us more-- in

627

00:30:01,019 --> 00:30:05,369

2008 was particularly good one from the

628
00:30:03,119 --> 00:30:07,079
UK and again it's rather difficult to

629
00:30:05,369 --> 00:30:10,049
prepare them all but they do add to a

630
00:30:07,079 --> 00:30:16,319
bigger picture in the end we have here a

631
00:30:10,049 --> 00:30:19,049
television star what is this yes believe

632
00:30:16,319 --> 00:30:21,839
in the paranormal now last year I was

633
00:30:19,049 --> 00:30:24,180
approached by one of the major networks

634
00:30:21,839 --> 00:30:25,709
in Australia they had an idea for a TV

635
00:30:24,180 --> 00:30:28,590
show which was sort of like American

636
00:30:25,710 --> 00:30:31,289
Idol or Australian Idol except the

637
00:30:28,589 --> 00:30:34,709
contestants supposedly had psychic

638
00:30:31,289 --> 00:30:38,289
powers and they needed two judges a

639
00:30:34,710 --> 00:30:41,319
skeptical judge and a believing judge

640
00:30:38,289 --> 00:30:43,420
and through a process of elimination and

641
00:30:41,319 --> 00:30:46,389
interviews and whatnot I was chosen to

642
00:30:43,420 --> 00:30:49,000
be the skeptical judge nevertheless what

643
00:30:46,390 --> 00:30:52,720
it does show and in fact the show went

644
00:30:49,000 --> 00:30:55,509
on to be on it today the final it was

645
00:30:52,720 --> 00:30:58,930
five episodes in the final show was the

646
00:30:55,509 --> 00:31:01,599
highest rating show in the country a lot

647
00:30:58,930 --> 00:31:04,900
of people were tuning in to see amazing

648
00:31:01,599 --> 00:31:06,730
paranormal feats and the impression

649
00:31:04,900 --> 00:31:07,840
people would have had by watching that I

650
00:31:06,730 --> 00:31:10,150
guess a lot of people had their own

651
00:31:07,839 --> 00:31:12,099
beliefs confirmed people who believe in

652
00:31:10,150 --> 00:31:13,930
the paranormal in the supernatural but

653
00:31:12,099 --> 00:31:15,549
the fact that it got the highest rating

654
00:31:13,930 --> 00:31:17,110
show in the country I think speaks

655
00:31:15,549 --> 00:31:19,269
volumes is the fact that a lot of people

656

00:31:17,109 --> 00:31:21,399
who watch television certainly one of

657
00:31:19,269 --> 00:31:24,220
the tune in to see just how good these

658
00:31:21,400 --> 00:31:26,560
psychics were at performing it's very

659
00:31:24,220 --> 00:31:30,220
interesting experience okay thanks

660
00:31:26,559 --> 00:31:32,230
Richard now in particular these results

661
00:31:30,220 --> 00:31:33,490
about the support from creation science

662
00:31:32,230 --> 00:31:35,769
in this country and the lack of

663
00:31:33,490 --> 00:31:37,359
knowledge of how science works is very

664
00:31:35,769 --> 00:31:38,799
worried because the United States is the

665
00:31:37,359 --> 00:31:41,889
world's number one scientist

666
00:31:38,799 --> 00:31:44,200
intellectual power and yet apparently a

667
00:31:41,890 --> 00:31:47,080
majority of the population reject

668
00:31:44,200 --> 00:31:49,059
crucial findings but science is

669
00:31:47,079 --> 00:31:53,199
producing it's not just about injecting

670
00:31:49,059 --> 00:31:54,879

dilution they must also reject a geology

671

00:31:53,200 --> 00:31:57,670

and the account of how you developed and

672

00:31:54,880 --> 00:31:59,710

cosmology and the basic scientific

673

00:31:57,670 --> 00:32:02,050

method and yet it's there it's public

674

00:31:59,710 --> 00:32:05,370

dollars ultimately which Bible method or

675

00:32:02,049 --> 00:32:08,049

by one means or another support science

676

00:32:05,369 --> 00:32:09,939

so we can't do anything about the

677

00:32:08,049 --> 00:32:11,200

American situation but we did want to

678

00:32:09,940 --> 00:32:13,299

find out what people believe in

679

00:32:11,200 --> 00:32:15,039

Australia we have to know which claims

680

00:32:13,299 --> 00:32:17,259

are justified in which or not this is

681

00:32:15,039 --> 00:32:19,359

what skepticism is all about so let me

682

00:32:17,259 --> 00:32:21,930

first of all introduce to you the state

683

00:32:19,359 --> 00:32:23,889

of Queensland which is my home state

684

00:32:21,930 --> 00:32:26,259

I'll let you know what you're looking at

685
00:32:23,890 --> 00:32:29,050
here Australia is the smallest continent

686
00:32:26,259 --> 00:32:31,299
it's about the same size as the lower 48

687
00:32:29,049 --> 00:32:33,250
states of the United States minus one

688
00:32:31,299 --> 00:32:35,230
average state so it's just a sub shade

689
00:32:33,250 --> 00:32:37,539
smaller the state of Queensland is in

690
00:32:35,230 --> 00:32:38,799
the top right-hand corner it's a little

691
00:32:37,539 --> 00:32:40,839
bit larger a few

692
00:32:38,799 --> 00:32:42,879
larger than the state of Alaska but

693
00:32:40,839 --> 00:32:44,619
there the resemblance ends because as

694
00:32:42,880 --> 00:32:46,690
you go further north up the Queensland

695
00:32:44,619 --> 00:32:48,129
coast it gets hotter and wetter till

696
00:32:46,690 --> 00:32:50,140
you're in the tropics and if you go

697
00:32:48,130 --> 00:32:52,240
inland from the southeast Queensland

698
00:32:50,140 --> 00:32:54,220
coast it gets drier and drier until

699

00:32:52,240 --> 00:32:55,630

you're in desert as a result very

700

00:32:54,220 --> 00:32:57,400

sensibly the vast majority of the

701

00:32:55,630 --> 00:32:59,500

population live in the south east and

702

00:32:57,400 --> 00:33:01,360

corner wear the red spot is centered on

703

00:32:59,500 --> 00:33:04,000

the capital city of Brisbane and the

704

00:33:01,359 --> 00:33:06,039

sunshine and Gold Coast it has a

705

00:33:04,000 --> 00:33:07,390

population of about 4 million most of

706

00:33:06,039 --> 00:33:10,659

them tucked away down there in that

707

00:33:07,390 --> 00:33:15,370

corner if you here we see off the

708

00:33:10,660 --> 00:33:19,180

Barrier Reef it's fair yes now Quentin

709

00:33:15,369 --> 00:33:22,569

is of interest for another reason about

710

00:33:19,180 --> 00:33:24,850

20-25 years ago Queensland was dominated

711

00:33:22,569 --> 00:33:27,009

by Christian fundamentalists how

712

00:33:24,849 --> 00:33:28,329

dominated was it while this man GOP I'll

713

00:33:27,009 --> 00:33:30,549
can Peterson was premiere which

714
00:33:28,329 --> 00:33:32,649
corresponds roughly to governor of the

715
00:33:30,549 --> 00:33:34,569
state for about 20 years he was a crisp

716
00:33:32,650 --> 00:33:36,400
Christian fundamentalist the leader of

717
00:33:34,569 --> 00:33:38,470
the opposition in parliament a man

718
00:33:36,400 --> 00:33:40,360
called Keith Wright was also a Christian

719
00:33:38,470 --> 00:33:42,640
fundamentalist and the Minister for

720
00:33:40,359 --> 00:33:44,709
education of state of Queensland who was

721
00:33:42,640 --> 00:33:46,570
responsible to the patient was also a

722
00:33:44,710 --> 00:33:49,420
Christian dominantly you've been I

723
00:33:46,569 --> 00:33:53,049
stopped when we were it was helpless um

724
00:33:49,420 --> 00:33:55,000
the minister of education I had some

725
00:33:53,049 --> 00:33:58,119
friends in the creation science movement

726
00:33:55,000 --> 00:33:59,920
and he took the lead in trying to force

727
00:33:58,119 --> 00:34:03,129

creation science into our science

728

00:33:59,920 --> 00:34:06,310

syllabus he convened a panel of teachers

729

00:34:03,130 --> 00:34:06,659

to decide how creations answers to be

730

00:34:06,309 --> 00:34:08,730

taught

731

00:34:06,659 --> 00:34:12,628

two children in queensland state schools

732

00:34:08,730 --> 00:34:15,260

not whether how there was a very CN

733

00:34:12,628 --> 00:34:17,639

fledging Australian skeptics group and

734

00:34:15,260 --> 00:34:20,010

we have the problem that we don't have

735

00:34:17,639 --> 00:34:22,289

the First Amendment your first amendment

736

00:34:20,010 --> 00:34:24,569

to your constitution is precious please

737

00:34:22,289 --> 00:34:26,730

and love it take care of it it is so

738

00:34:24,568 --> 00:34:28,318

important we don't have it if it had

739

00:34:26,730 --> 00:34:29,280

being decided that our schools would

740

00:34:28,318 --> 00:34:30,808

teach a particular kind of

741

00:34:29,280 --> 00:34:32,700

fundamentalist religion that's it

742
00:34:30,809 --> 00:34:34,409
there's no legal challenge and can be

743
00:34:32,699 --> 00:34:39,088
mounted at all there's no constitutional

744
00:34:34,409 --> 00:34:40,740
bar whatever eventually we managed to

745
00:34:39,088 --> 00:34:42,088
fight back now that at that time the

746
00:34:40,739 --> 00:34:43,529
Queensland branch the Australian

747
00:34:42,088 --> 00:34:45,808
skeptics was time you probably had about

748
00:34:43,530 --> 00:34:47,309
eight or ten active members we've got a

749
00:34:45,809 --> 00:34:49,470
lot of support from there the skeptics

750
00:34:47,309 --> 00:34:51,629
in other states we mounted a vigorous

751
00:34:49,469 --> 00:34:54,058
campaign to discredit them and

752
00:34:51,628 --> 00:34:55,980
eventually we managed to discover that

753
00:34:54,059 --> 00:34:58,048
they had lost a great deal of money in

754
00:34:55,980 --> 00:34:59,909
shady investments I'm sure it's similar

755
00:34:58,048 --> 00:35:02,460
to what happens in this country the

756
00:34:59,909 --> 00:35:04,379
creationists would go around to churches

757
00:35:02,460 --> 00:35:06,329
and religious groups and they would show

758
00:35:04,380 --> 00:35:08,220
how godless the evolution is about to be

759
00:35:06,329 --> 00:35:09,390
kicked out by wonderful creation and

760
00:35:08,219 --> 00:35:11,578
then it would pass the hat around do

761
00:35:09,389 --> 00:35:12,778
they get a great deal of money and they

762
00:35:11,579 --> 00:35:14,430
would promise that this money was going

763
00:35:12,778 --> 00:35:16,710
to be used to further their got the ends

764
00:35:14,429 --> 00:35:18,750
well in fact what they did with a large

765
00:35:16,710 --> 00:35:21,358
lump of the money but they invested in a

766
00:35:18,750 --> 00:35:23,190
shady investment company run by a couple

767
00:35:21,358 --> 00:35:25,078
of so-called Christians who then

768
00:35:23,190 --> 00:35:27,210
contrary to their promises invested is

769
00:35:25,079 --> 00:35:28,680
he gets another shade investment company

770

00:35:27,210 --> 00:35:30,929
another state and it promptly

771
00:35:28,679 --> 00:35:33,449
disappeared overseas so they lost a huge

772
00:35:30,929 --> 00:35:35,969
lump of their supporters money and then

773
00:35:33,449 --> 00:35:37,649
they didn't tell me so we found out

774
00:35:35,969 --> 00:35:40,230
about it it's not that the man at the

775
00:35:37,650 --> 00:35:41,730
beginning of 1986 when they were holding

776
00:35:40,230 --> 00:35:43,769
their annual conference and they had

777
00:35:41,730 --> 00:35:45,630
doctored you ain t dish from the United

778
00:35:43,769 --> 00:35:48,358
States over as their guest of honor we

779
00:35:45,630 --> 00:35:52,950
blew this on statewide television and

780
00:35:48,358 --> 00:35:54,960
radio and apparently their organization

781
00:35:52,949 --> 00:35:57,058
was cut off from the world for several

782
00:35:54,960 --> 00:35:58,199
days by people demon fermion demanding

783
00:35:57,059 --> 00:36:00,269
to their whether this was true or not

784
00:35:58,199 --> 00:36:02,308

and what a counter their money and the

785

00:36:00,269 --> 00:36:04,650
politicians had to back off

786

00:36:02,309 --> 00:36:06,509
involved with a financial scandal they

787

00:36:04,650 --> 00:36:08,699
backed away and I was in the middle of

788

00:36:06,509 --> 00:36:10,199
one television interview when a fax from

789

00:36:08,699 --> 00:36:12,059
the Ministry of Education of my saying

790

00:36:10,199 --> 00:36:14,249
he had never supported the teaching

791

00:36:12,059 --> 00:36:16,109
creation science and schools absolutely

792

00:36:14,248 --> 00:36:18,748
not no only what he was a bit more

793

00:36:16,108 --> 00:36:21,078
sensitivity huh believe it when I see it

794

00:36:18,748 --> 00:36:24,748
and then a couple of years later and

795

00:36:21,079 --> 00:36:26,729
enormous political scandal exploded

796

00:36:24,748 --> 00:36:28,288
there was corruption in the police force

797

00:36:26,728 --> 00:36:30,088
he was discovered even the Commissioner

798

00:36:28,289 --> 00:36:32,130
of Police was corrupted he was sent away

799

00:36:30,088 --> 00:36:33,599
to prison for cabinet ministers were

800

00:36:32,130 --> 00:36:34,739
convicted of corruption they went to

801

00:36:33,599 --> 00:36:37,349
prison and the whole government

802

00:36:34,739 --> 00:36:38,880
completely collapsed the leader of the

803

00:36:37,349 --> 00:36:41,189
Opposition the other fundamentalist

804

00:36:38,880 --> 00:36:42,630
involved was convicted of having sex

805

00:36:41,188 --> 00:36:45,449
with underage girls who spent a number

806

00:36:42,630 --> 00:36:47,369
of years in prison I am sure that all

807

00:36:45,449 --> 00:36:49,199
you will join the lead in great sailors

808

00:36:47,369 --> 00:36:50,670
these devoted public servants should

809

00:36:49,199 --> 00:36:53,278
have been so totally and utterly

810

00:36:50,670 --> 00:36:56,239
discredited and humiliated the post

811

00:36:53,278 --> 00:36:59,099
office in a moment son was only made

812

00:36:56,239 --> 00:37:01,409
public wash you you turn use every night

813
00:36:59,099 --> 00:37:05,068
you interest wonder what next was going

814
00:37:01,409 --> 00:37:07,318
to explode it was quite amazing okay so

815
00:37:05,068 --> 00:37:09,509
we have this statement which came so

816
00:37:07,318 --> 00:37:11,818
close to introducing creation science

817
00:37:09,509 --> 00:37:13,469
into the state school system this was a

818
00:37:11,818 --> 00:37:15,119
particular interest me because I had two

819
00:37:13,469 --> 00:37:17,458
children in the system at that time

820
00:37:15,119 --> 00:37:21,028
which wonder if I was very angry or what

821
00:37:17,458 --> 00:37:23,219
was going on but a good question was

822
00:37:21,028 --> 00:37:24,509
what do please in the study you see

823
00:37:23,219 --> 00:37:27,869
Quisling has always been regarded as

824
00:37:24,509 --> 00:37:29,699
these pigs state you get jumped on an

825
00:37:27,869 --> 00:37:31,140
aircraft flying into Queensland an

826
00:37:29,699 --> 00:37:33,179
announcement comes out over the

827

00:37:31,139 --> 00:37:35,038
loudspeaker system you are now entering

828
00:37:33,179 --> 00:37:38,910
Queensland airspace please set your

829
00:37:35,039 --> 00:37:40,199
watch back 100 years it really was

830
00:37:38,909 --> 00:37:42,958
regarded as this sort of a hick

831
00:37:40,199 --> 00:37:45,539
hillbilly fundamentalist state so we

832
00:37:42,958 --> 00:37:48,419
wanted to find out what do queenslanders

833
00:37:45,539 --> 00:37:51,329
really believe well luckily we had a

834
00:37:48,420 --> 00:37:53,369
method of doing it every two years the

835
00:37:51,329 --> 00:37:56,039
Queensland social survey which is based

836
00:37:53,369 --> 00:37:58,619
in a university does a telephone survey

837
00:37:56,039 --> 00:38:00,420
they telephone a representative sample

838
00:37:58,619 --> 00:38:02,010
of about 1,200 clean

839
00:38:00,420 --> 00:38:04,289
and they asked them a series of

840
00:38:02,010 --> 00:38:06,450
questions and as with surveys in this

841
00:38:04,289 --> 00:38:11,550

country you can put questions on to

842

00:38:06,449 --> 00:38:13,379

their survey we persuaded the Australian

843

00:38:11,550 --> 00:38:15,690

skeptics foundation to fully twenty

844

00:38:13,380 --> 00:38:17,910

questions on the survey now this is not

845

00:38:15,690 --> 00:38:20,130

cheap the question because \$1,500

846

00:38:17,909 --> 00:38:21,869

Australian each to put on which works

847

00:38:20,130 --> 00:38:23,880

about 1,200 american dollars per

848

00:38:21,869 --> 00:38:25,409

question so the overall cost of your

849

00:38:23,880 --> 00:38:27,480

stallion skeptics foundation was about

850

00:38:25,409 --> 00:38:29,429

twenty five thousand dollars for the 20

851

00:38:27,480 --> 00:38:30,960

questions that we wanted to ask so we're

852

00:38:29,429 --> 00:38:33,719

very grateful to the australian skeptics

853

00:38:30,960 --> 00:38:35,730

foundation for helping us so instant

854

00:38:33,719 --> 00:38:36,989

unstintingly in this matter and we have

855

00:38:35,730 --> 00:38:38,849

a representative of with your strength

856
00:38:36,989 --> 00:38:42,750
Richard thank you Richard that's quite

857
00:38:38,849 --> 00:38:44,309
all right yes it's just a quick comment

858
00:38:42,750 --> 00:38:46,320
you're talking about Queensland what we

859
00:38:44,309 --> 00:38:52,380
also call in Australia is the deep north

860
00:38:46,320 --> 00:38:53,700
yes and I got a wonderful I don't know

861
00:38:52,380 --> 00:38:55,530
what you think Martin when people travel

862
00:38:53,699 --> 00:38:58,259
south in this condom they get down to

863
00:38:55,530 --> 00:39:00,150
the survival areas i guess you'd say in

864
00:38:58,260 --> 00:39:03,960
australia you travel to us is it because

865
00:39:00,150 --> 00:39:05,369
the sun rots the brain or something well

866
00:39:03,960 --> 00:39:07,889
we're going to come to some of those

867
00:39:05,369 --> 00:39:09,029
results in your son and the results some

868
00:39:07,889 --> 00:39:10,980
of these results have never been seen

869
00:39:09,030 --> 00:39:12,540
before by anybody that straight out of

870
00:39:10,980 --> 00:39:14,579
the analysis you're going to see things

871
00:39:12,539 --> 00:39:15,809
that nobody else has ever seen and i

872
00:39:14,579 --> 00:39:20,340
think the result is going to surprise

873
00:39:15,809 --> 00:39:22,079
you okay right so we persuaded the

874
00:39:20,340 --> 00:39:25,079
australian skeptics foundation to from

875
00:39:22,079 --> 00:39:26,400
these 20 questions which they did when

876
00:39:25,079 --> 00:39:28,130
we wanted to know generally about

877
00:39:26,400 --> 00:39:30,869
queenslanders paranormal beliefs

878
00:39:28,130 --> 00:39:34,349
creationism and other beliefs of as well

879
00:39:30,869 --> 00:39:36,719
and here was the key result we define

880
00:39:34,349 --> 00:39:38,610
crashes and fairly tightly did people

881
00:39:36,719 --> 00:39:40,139
believe in creationism you probably

882
00:39:38,610 --> 00:39:41,940
can't see the writing I'll read it out

883
00:39:40,139 --> 00:39:44,279
that's fine which is the idea that God

884

00:39:41,940 --> 00:39:46,470
created human beings pretty much in

885
00:39:44,280 --> 00:39:48,600
their present form at one time within

886
00:39:46,469 --> 00:39:50,669
the last 10,000 years so they can't

887
00:39:48,599 --> 00:39:51,730
pussyfoot around making us I believe in

888
00:39:50,670 --> 00:39:53,710
creation because I

889
00:39:51,730 --> 00:39:55,030
evolutions God's method of creation if

890
00:39:53,710 --> 00:39:56,650
they were going to say that they

891
00:39:55,030 --> 00:39:59,950
believed or strongly believed in this

892
00:39:56,650 --> 00:40:01,930
they had to accept pretty much the

893
00:39:59,949 --> 00:40:04,569
account of the fundamentalists espouse

894
00:40:01,929 --> 00:40:06,579
and the result was that just under

895
00:40:04,570 --> 00:40:08,680
thirty eight percent of Queensland

896
00:40:06,579 --> 00:40:12,309
respondents said that they believed or

897
00:40:08,679 --> 00:40:13,809
strongly believed in creation that was

898
00:40:12,309 --> 00:40:15,190

less than expected I looked at her

899

00:40:13,809 --> 00:40:17,320

fingers and I can check them and I

900

00:40:15,190 --> 00:40:19,150

double check that only thirty-eight

901

00:40:17,320 --> 00:40:20,800

percent I mean we've got these

902

00:40:19,150 --> 00:40:22,090

terrifying figures from America of

903

00:40:20,800 --> 00:40:23,950

fifty-five percent some people don't

904

00:40:22,090 --> 00:40:25,990

give this relatively low figure for the

905

00:40:23,949 --> 00:40:28,169

next thing to do what now either Lucien

906

00:40:25,989 --> 00:40:30,759

would put a question about evolution and

907

00:40:28,170 --> 00:40:32,470

this is again quite a tightly defined

908

00:40:30,760 --> 00:40:34,150

question evolution which is the idea

909

00:40:32,469 --> 00:40:35,469

that human beings developed over

910

00:40:34,150 --> 00:40:36,700

millions of years from less advanced

911

00:40:35,469 --> 00:40:39,009

forms of life again it's fairly

912

00:40:36,699 --> 00:40:40,868

unambiguous about 62 and a half percent

913
00:40:39,010 --> 00:40:43,060
believed or strongly believe in

914
00:40:40,869 --> 00:40:46,240
evolution so we've got a totally

915
00:40:43,059 --> 00:40:48,489
different pattern in Queensland this so

916
00:40:46,239 --> 00:40:51,009
called hillbilly state in Australia

917
00:40:48,489 --> 00:40:54,429
compared to the United States roughly

918
00:40:51,010 --> 00:40:56,760
speaking there's a 62-38 split in favor

919
00:40:54,429 --> 00:40:59,469
of evolution as against creation i

920
00:40:56,760 --> 00:41:01,930
should add it's a lot less time than

921
00:40:59,469 --> 00:41:04,029
that that sounds so neat and tidy oh no

922
00:41:01,929 --> 00:41:06,099
it is we got people even though it

923
00:41:04,030 --> 00:41:07,930
defined them so tightly we got people

924
00:41:06,099 --> 00:41:09,039
who believed in both quite a lot we've

925
00:41:07,929 --> 00:41:10,809
got people who said they believe you

926
00:41:09,039 --> 00:41:12,070
want it and didn't know about the other

927

00:41:10,809 --> 00:41:13,809
one of colors of her colleagues in

928

00:41:12,070 --> 00:41:15,970
western australia had great fun labeling

929

00:41:13,809 --> 00:41:18,659
all these strange contradictory groups

930

00:41:15,969 --> 00:41:21,459
i've been a statistician called pen and

931

00:41:18,659 --> 00:41:23,710
she started making a lovely grid and

932

00:41:21,460 --> 00:41:25,960
started figuring out the correlation

933

00:41:23,710 --> 00:41:28,630
between people who were endorsing one

934

00:41:25,960 --> 00:41:30,340
but not the other in fact there are

935

00:41:28,630 --> 00:41:32,559
three items or was also a question on

936

00:41:30,340 --> 00:41:33,789
continental drift you see so you could

937

00:41:32,559 --> 00:41:35,019
start seeing that whether or not there

938

00:41:33,789 --> 00:41:37,000
was a correlation between those who have

939

00:41:35,019 --> 00:41:38,769
people endorse one but not to the others

940

00:41:37,000 --> 00:41:40,630
people we lost two but not one of the

941

00:41:38,769 --> 00:41:42,489
others and you would get strange

942
00:41:40,630 --> 00:41:44,200
combinations and she just started coming

943
00:41:42,489 --> 00:41:46,939
up with strange waiting names for these

944
00:41:44,199 --> 00:41:49,159
people who like the better sit-ins okay

945
00:41:46,940 --> 00:41:51,920
chilled out the east ones and then just

946
00:41:49,159 --> 00:41:56,838
completed another sees all three sound

947
00:41:51,920 --> 00:41:58,220
great to me oh yeah it's a survey I'm on

948
00:41:56,838 --> 00:42:01,309
the end of my phone which is another big

949
00:41:58,219 --> 00:42:04,879
sometimes have to think about too so

950
00:42:01,309 --> 00:42:06,259
that was the first surprise that we had

951
00:42:04,880 --> 00:42:09,108
from is evidence that this state between

952
00:42:06,260 --> 00:42:11,720
so very very close to institutionalize

953
00:42:09,108 --> 00:42:14,449
information science in its stage scores

954
00:42:11,719 --> 00:42:16,489
in fact doesn't show particularly strong

955
00:42:14,449 --> 00:42:18,469

levels of support it's interesting

956

00:42:16,489 --> 00:42:19,818

considering that the majority of the

957

00:42:18,469 --> 00:42:21,848

people who advance of these would have

958

00:42:19,818 --> 00:42:24,440

lived through the JP of commuters in

959

00:42:21,849 --> 00:42:25,880

Europe said it would be yeah there's

960

00:42:24,440 --> 00:42:27,530

some people who voted to you I guess or

961

00:42:25,880 --> 00:42:29,200

Lisa me through that time yes quite a

962

00:42:27,530 --> 00:42:32,390

lot of them would have done that's right

963

00:42:29,199 --> 00:42:35,000

so the next thing to do is let's compare

964

00:42:32,389 --> 00:42:38,389

belief in creation to other paranormal

965

00:42:35,000 --> 00:42:40,250

beliefs it turns out at about thirty six

966

00:42:38,389 --> 00:42:42,289

percent of Queenslanders believed in

967

00:42:40,250 --> 00:42:44,088

ghosts that the atomists do you believe

968

00:42:42,289 --> 00:42:45,829

that ghosts or spirits of dead people

969

00:42:44,088 --> 00:42:47,869

can come back in certain places and

970
00:42:45,829 --> 00:42:49,400
situations about thirty six percent of

971
00:42:47,869 --> 00:42:50,780
people believe in ghosts there's not

972
00:42:49,400 --> 00:42:52,930
much difference between thirty six

973
00:42:50,780 --> 00:42:57,619
percent ghosts and thirty-eight percent

974
00:42:52,929 --> 00:43:00,230
creation so the support or ghost is just

975
00:42:57,619 --> 00:43:01,670
about the same as that for creation

976
00:43:00,230 --> 00:43:03,469
which is really quite a surprise and

977
00:43:01,670 --> 00:43:04,700
then here's another couple of items and

978
00:43:03,469 --> 00:43:07,519
then I'll just discuss what they mean

979
00:43:04,699 --> 00:43:09,559
the left-hand one is do you believe that

980
00:43:07,519 --> 00:43:11,588
psychic or spiritual healing or the

981
00:43:09,559 --> 00:43:13,880
power of the human mind to heal the body

982
00:43:11,588 --> 00:43:16,900
do you strongly believe in believe in

983
00:43:13,880 --> 00:43:19,730
for disbelieving or whatever and about

984
00:43:16,900 --> 00:43:21,318
fifty five percent of the population a

985
00:43:19,730 --> 00:43:22,880
little more than that said that yes they

986
00:43:21,318 --> 00:43:24,949
believed or strongly believed in this

987
00:43:22,880 --> 00:43:27,079
now Michael Sherman when this item was

988
00:43:24,949 --> 00:43:29,419
put in America they blasted it was right

989
00:43:27,079 --> 00:43:31,369
to do so because it's not strictly a

990
00:43:29,420 --> 00:43:32,960
paranormal item you would answer yes to

991
00:43:31,369 --> 00:43:35,240
that if you believed in spiritual

992
00:43:32,960 --> 00:43:37,970
leading or psychic eating you might also

993
00:43:35,239 --> 00:43:40,759
answer yes to it if you had a long

994
00:43:37,969 --> 00:43:42,439
believe that positive attitude our

995
00:43:40,760 --> 00:43:43,640
belief that you're going to get well is

996
00:43:42,440 --> 00:43:45,650
going to influence your health

997
00:43:43,639 --> 00:43:47,779
positively and that might not be a

998

00:43:45,650 --> 00:43:49,460
paranormal belief at all so this item is

999
00:43:47,780 --> 00:43:51,440
a bit flawed and Michael Shermer did

1000
00:43:49,460 --> 00:43:53,240
point that out but we put it in just the

1001
00:43:51,440 --> 00:43:54,829
comparison as you can see a huge which

1002
00:43:53,239 --> 00:43:56,629
are if you look appealing in psychic and

1003
00:43:54,829 --> 00:43:58,460
spiritual healing then on the right we

1004
00:43:56,630 --> 00:44:00,260
have good old astrology and only about

1005
00:43:58,460 --> 00:44:02,329
twenty eight percent of Queenslanders

1006
00:44:00,260 --> 00:44:04,460
believe or strongly believe in astrology

1007
00:44:02,329 --> 00:44:06,108
I think if Eugenie Scott the other day

1008
00:44:04,460 --> 00:44:09,079
who said that astrology seems to be

1009
00:44:06,108 --> 00:44:11,420
going down market and there it goes that

1010
00:44:09,079 --> 00:44:13,429
surprises me yes I must admit that that

1011
00:44:11,420 --> 00:44:15,170
resolve does surprise me I would have

1012
00:44:13,429 --> 00:44:17,779

put that and higher if I ought to guess

1013

00:44:15,170 --> 00:44:20,030

here because the number of people let's

1014

00:44:17,780 --> 00:44:22,490

have a moment of history obviously if

1015

00:44:20,030 --> 00:44:24,590

you happen to be reading a magazine or a

1016

00:44:22,489 --> 00:44:27,019

newspaper and you come across an

1017

00:44:24,590 --> 00:44:30,140

astrology column lets the utterly honest

1018

00:44:27,019 --> 00:44:31,789

how many of you glance at your stars and

1019

00:44:30,139 --> 00:44:34,460

just see what they say we've been

1020

00:44:31,789 --> 00:44:35,690

totally honest okay it's a skeptical

1021

00:44:34,460 --> 00:44:38,090

audience but even so we have a

1022

00:44:35,690 --> 00:44:39,470

substantial number of people who do okay

1023

00:44:38,090 --> 00:44:41,900

what do we want to be deduced from this

1024

00:44:39,469 --> 00:44:44,689

well it looks as if creation in

1025

00:44:41,900 --> 00:44:47,539

Queensland doesn't have a particularly

1026

00:44:44,690 --> 00:44:49,280

strong support it's about the same as

1027
00:44:47,539 --> 00:44:50,869
the investor support for ghosts it's

1028
00:44:49,280 --> 00:44:52,700
less than the support for psychic and

1029
00:44:50,869 --> 00:44:54,588
spiritual meaning and is somewhat more

1030
00:44:52,699 --> 00:44:55,939
than the support for astrology now the

1031
00:44:54,588 --> 00:44:58,400
Minister of Education when he was

1032
00:44:55,940 --> 00:45:00,950
shoving creation into our science

1033
00:44:58,400 --> 00:45:03,230
syllabus I said that lots of people want

1034
00:45:00,949 --> 00:45:05,569
creation talk we must support it well

1035
00:45:03,230 --> 00:45:07,639
judging by this he must also teach that

1036
00:45:05,570 --> 00:45:09,349
ghosts exist but psychic and spiritual

1037
00:45:07,639 --> 00:45:11,179
healing is valid and there's even a case

1038
00:45:09,349 --> 00:45:13,010
for saying that astrology ought to be

1039
00:45:11,179 --> 00:45:15,019
taught to none of these things of course

1040
00:45:13,010 --> 00:45:18,109
were raised or what this does is to give

1041
00:45:15,019 --> 00:45:20,210
the lie to his selection creation for

1042
00:45:18,108 --> 00:45:21,889
particular support that's quite an

1043
00:45:20,210 --> 00:45:24,470
interesting and surprising result we

1044
00:45:21,889 --> 00:45:26,210
were really quite stunned by that okay

1045
00:45:24,469 --> 00:45:27,469
now you can have great fun with the

1046
00:45:26,210 --> 00:45:29,179
first published study you can have a

1047
00:45:27,469 --> 00:45:31,849
look at the percentages you can compare

1048
00:45:29,179 --> 00:45:34,460
the percentages and this has been quite

1049
00:45:31,849 --> 00:45:37,159
results what it says to me is that

1050
00:45:34,460 --> 00:45:39,769
although we had this group of people in

1051
00:45:37,159 --> 00:45:41,929
power pushing creation science there was

1052
00:45:39,769 --> 00:45:43,699
a nap it wasn't all that much of a mass

1053
00:45:41,929 --> 00:45:45,859
movement at all it wasn't particularly

1054
00:45:43,699 --> 00:45:48,619
strongly support increasing it is orb if

1055

00:45:45,860 --> 00:45:52,070
you like honest of top-down movement now

1056
00:45:48,619 --> 00:45:53,989
we go on and we do the more complex part

1057
00:45:52,070 --> 00:45:55,430
of the analysis don't worry I'm not

1058
00:45:53,989 --> 00:45:56,989
going to club you with a lot of

1059
00:45:55,429 --> 00:45:58,639
statistics I'm going to just give one or

1060
00:45:56,989 --> 00:46:00,349
two very interesting findings because

1061
00:45:58,639 --> 00:46:03,199
the kind of things you do next are you

1062
00:46:00,349 --> 00:46:05,599
as well okay what is the structure of

1063
00:46:03,199 --> 00:46:07,339
these things what kind of beliefs tend

1064
00:46:05,599 --> 00:46:08,960
to hang together if people believe one

1065
00:46:07,340 --> 00:46:10,700
thing people likely to believe other

1066
00:46:08,960 --> 00:46:12,530
things another thing you can do with

1067
00:46:10,699 --> 00:46:14,239
this day trees you can say well what

1068
00:46:12,530 --> 00:46:15,830
about the characteristics of the people

1069
00:46:14,239 --> 00:46:18,409

do religious people believe some things

1070

00:46:15,829 --> 00:46:20,389

more than some things less do all the

1071

00:46:18,409 --> 00:46:22,670

people younger people better educated

1072

00:46:20,389 --> 00:46:24,259

people and so on as an absolute massive

1073

00:46:22,670 --> 00:46:25,909

research is commit up and this is where

1074

00:46:24,260 --> 00:46:28,520

the research papers come from and that's

1075

00:46:25,909 --> 00:46:30,139

what Kylie and I are working on now but

1076

00:46:28,519 --> 00:46:31,369

I'm not going to go into all of that

1077

00:46:30,139 --> 00:46:33,980

what I'm going to do is just talk about

1078

00:46:31,369 --> 00:46:35,659

one particular item which is of interest

1079

00:46:33,980 --> 00:46:38,480

to me having former way through the

1080

00:46:35,659 --> 00:46:40,909

creation starts battle what about

1081

00:46:38,480 --> 00:46:42,650

religion and creationism now successive

1082

00:46:40,909 --> 00:46:44,839

judges and American courts have ruled

1083

00:46:42,650 --> 00:46:46,730

that creationism and intelligent design

1084
00:46:44,840 --> 00:46:49,280
are forms of religion they are not

1085
00:46:46,730 --> 00:46:51,440
science the judge Overton in the 1980s

1086
00:46:49,280 --> 00:46:54,350
in arkansas AR Judge Jones in

1087
00:46:51,440 --> 00:46:56,179
Pennsylvania in 2004 i believe it was

1088
00:46:54,349 --> 00:46:58,250
ruled the creation of his form of

1089
00:46:56,179 --> 00:47:01,159
religion not science so obvious thing to

1090
00:46:58,250 --> 00:47:03,679
do is ok let us relate people's

1091
00:47:01,159 --> 00:47:05,299
religions the churches they belong to to

1092
00:47:03,679 --> 00:47:07,279
their belief in creation and let's see

1093
00:47:05,300 --> 00:47:11,570
what happens because I must have been I

1094
00:47:07,280 --> 00:47:13,700
had a stereotype in my mind that people

1095
00:47:11,570 --> 00:47:15,470
who belong to be more liberal religious

1096
00:47:13,699 --> 00:47:18,019
such as Americans which corresponds to

1097
00:47:15,469 --> 00:47:19,759
your Episcopal would be very skeptical

1098
00:47:18,019 --> 00:47:21,980
about creation science whereas people

1099
00:47:19,760 --> 00:47:24,200
who went to some of the smaller churches

1100
00:47:21,980 --> 00:47:26,329
some of the more biblical churches will

1101
00:47:24,199 --> 00:47:28,909
be overwhelmingly in favor of creation

1102
00:47:26,329 --> 00:47:31,159
and again this surprised us were the

1103
00:47:28,909 --> 00:47:32,869
great things about doing research is

1104
00:47:31,159 --> 00:47:34,129
that often reality comes up and hit you

1105
00:47:32,869 --> 00:47:37,460
in the teeth you get things you don't

1106
00:47:34,130 --> 00:47:40,190
expect these are the proportions of

1107
00:47:37,460 --> 00:47:41,990
people in different churches and also

1108
00:47:40,190 --> 00:47:43,940
atheists and agnostics and normally was

1109
00:47:41,989 --> 00:47:46,279
down the bottom who said they believed

1110
00:47:43,940 --> 00:47:48,230
or strongly believed in creation now the

1111
00:47:46,280 --> 00:47:50,330
first shot was right down the bottom

1112

00:47:48,230 --> 00:47:52,010
that's a theist an agnostic those who

1113
00:47:50,329 --> 00:47:54,679
said they have no religion that is

1114
00:47:52,010 --> 00:47:57,110
twelve point seven percent for those of

1115
00:47:54,679 --> 00:47:59,989
the back of the room yeah God in eight

1116
00:47:57,110 --> 00:48:03,010
of the normal believers said that they

1117
00:47:59,989 --> 00:48:05,119
believed the earth was created by God

1118
00:48:03,010 --> 00:48:06,680
and the few leaves are created the

1119
00:48:05,119 --> 00:48:10,569
present for now it could be that the

1120
00:48:06,679 --> 00:48:14,000
alias just in a really rocky sensor here

1121
00:48:10,570 --> 00:48:21,050
now after all Australians and secondly

1122
00:48:14,000 --> 00:48:25,010
there queenslanders with the error this

1123
00:48:21,050 --> 00:48:26,510
plus or minus thirteen percent I think

1124
00:48:25,010 --> 00:48:27,950
is more like three or four per cents the

1125
00:48:26,510 --> 00:48:30,080
are quite but there are

1126
00:48:27,949 --> 00:48:31,730

some other things first of all the the

1127

00:48:30,079 --> 00:48:32,929

people who roundly survey their imported

1128

00:48:31,730 --> 00:48:34,820

that when we started super burn this

1129

00:48:32,929 --> 00:48:36,409

study to ask their surveys starting to

1130

00:48:34,820 --> 00:48:39,140

ask these questions there are enormous

1131

00:48:36,409 --> 00:48:40,429

gasps and indications of shock on the

1132

00:48:39,139 --> 00:48:42,259

phone I mean you just imagine that

1133

00:48:40,429 --> 00:48:44,539

you've had a few quiet beers in your own

1134

00:48:42,260 --> 00:48:45,920

home or you've just been woken up or are

1135

00:48:44,539 --> 00:48:47,779

from a deep sleep or something like that

1136

00:48:45,920 --> 00:48:49,159

and somebody says will you do a survey

1137

00:48:47,780 --> 00:48:50,900

and you say yes or are you starting

1138

00:48:49,159 --> 00:48:52,339

asked about your age and your job and

1139

00:48:50,900 --> 00:48:54,050

your income and your political

1140

00:48:52,340 --> 00:48:55,700

preferences then all the sudden we start

1141
00:48:54,050 --> 00:48:57,350
getting with these kind of questions do

1142
00:48:55,699 --> 00:48:59,119
you live in creation and evolution it

1143
00:48:57,349 --> 00:49:01,429
wouldn't be surprising if people got a

1144
00:48:59,119 --> 00:49:02,630
bit model these nice neat statistics I

1145
00:49:01,429 --> 00:49:04,460
think this is so in all surveys because

1146
00:49:02,630 --> 00:49:06,349
he will all sort of confusion one other

1147
00:49:04,460 --> 00:49:08,539
thing which will give heart to do

1148
00:49:06,349 --> 00:49:10,519
crusading 80s that we have about is that

1149
00:49:08,539 --> 00:49:12,058
the atheist agnostic no religion

1150
00:49:10,519 --> 00:49:13,889
category is actually a mirage

1151
00:49:12,059 --> 00:49:15,569
which is grouping nearly a quarter of

1152
00:49:13,889 --> 00:49:18,058
the people who fell into this category

1153
00:49:15,568 --> 00:49:19,889
and that was bigger than our next

1154
00:49:18,059 --> 00:49:22,319
biggest group which were which were the

1155
00:49:19,889 --> 00:49:23,879
Anakin Solo one who had about the

1156
00:49:22,318 --> 00:49:25,679
photography is a little less than a

1157
00:49:23,880 --> 00:49:27,150
quarter of the population so the

1158
00:49:25,679 --> 00:49:29,818
atheists and agnostics are the largest

1159
00:49:27,150 --> 00:49:31,229
religious groups that we had okay let's

1160
00:49:29,818 --> 00:49:32,639
have a look at the others now the top

1161
00:49:31,228 --> 00:49:35,098
two groups the Anglicans and the

1162
00:49:32,639 --> 00:49:37,348
Catholics in both cases the leadership

1163
00:49:35,099 --> 00:49:39,869
of these churches had come out strongly

1164
00:49:37,349 --> 00:49:41,579
against creation I had an interview with

1165
00:49:39,869 --> 00:49:43,890
the end of an archbishop of Brisbane and

1166
00:49:41,579 --> 00:49:47,189
he described the ideas of creationists

1167
00:49:43,889 --> 00:49:49,828
as quote crazy that was the exact alert

1168
00:49:47,188 --> 00:49:52,409
he used the Catholics were a bit lower

1169

00:49:49,829 --> 00:49:53,989
key but if ever any teacher started to

1170
00:49:52,409 --> 00:49:56,699
teach creationism in a Catholic school

1171
00:49:53,989 --> 00:49:58,009
the big boot would come down and they

1172
00:49:56,699 --> 00:49:59,969
would be stopped dead in their tracks

1173
00:49:58,009 --> 00:50:02,130
but nonetheless look at the figures

1174
00:49:59,969 --> 00:50:04,108
about a third of androgens according to

1175
00:50:02,130 --> 00:50:06,028
this believe in creation as we've

1176
00:50:04,108 --> 00:50:08,278
narrowly defined it and nearly a heart

1177
00:50:06,028 --> 00:50:10,380
of Catholics believe in creation as

1178
00:50:08,278 --> 00:50:12,659
we've divided despite the hostility that

1179
00:50:10,380 --> 00:50:14,789
their leadership there is strong support

1180
00:50:12,659 --> 00:50:16,618
within these churches minority support

1181
00:50:14,789 --> 00:50:18,059
but still strong then we get to other

1182
00:50:16,619 --> 00:50:20,099
denomination which includes the

1183
00:50:18,059 --> 00:50:23,039

Australian uniting church the Lutheran's

1184

00:50:20,099 --> 00:50:24,539

the Baptist whatever else they said and

1185

00:50:23,039 --> 00:50:26,489

that they've got a clear majority who's

1186

00:50:24,539 --> 00:50:27,809

the core creation and then a lot of

1187

00:50:26,489 --> 00:50:30,059

people just describe themselves as

1188

00:50:27,809 --> 00:50:31,859

christian they don't specify which

1189

00:50:30,059 --> 00:50:33,539

church thing on tape normally people who

1190

00:50:31,858 --> 00:50:35,130

judge in that in Australian people you

1191

00:50:33,539 --> 00:50:37,920

just describe themselves as christian

1192

00:50:35,130 --> 00:50:39,959

belong in fact too small usually

1193

00:50:37,920 --> 00:50:41,639

fundamentalist churches and sure enough

1194

00:50:39,958 --> 00:50:44,719

sixty-five percent of them but only

1195

00:50:41,639 --> 00:50:44,719

sixty-five percent

1196

00:50:44,909 --> 00:50:49,149

you're a hundred percent so these

1197

00:50:47,409 --> 00:50:51,338

figures are quite surprising they

1198
00:50:49,150 --> 00:50:53,829
suggest support for creation is

1199
00:50:51,338 --> 00:50:55,538
dispersed across all the churches and to

1200
00:50:53,829 --> 00:50:57,818
a small extent of only maintenance and

1201
00:50:55,539 --> 00:50:59,829
agnostics as well so these results are

1202
00:50:57,818 --> 00:51:00,880
quite puzzling I didn't get the enormous

1203
00:50:59,829 --> 00:51:02,289
differences that I thought the

1204
00:51:00,880 --> 00:51:04,180
differences are there but they're not

1205
00:51:02,289 --> 00:51:07,539
that massive so that was quite a

1206
00:51:04,179 --> 00:51:10,598
surprise as well then I discovered

1207
00:51:07,539 --> 00:51:12,369
another question in the survey we

1208
00:51:10,599 --> 00:51:13,450
haven't put this in and being put in I

1209
00:51:12,369 --> 00:51:15,579
think by their father surveyors

1210
00:51:13,449 --> 00:51:20,529
themselves would you say your religious

1211
00:51:15,579 --> 00:51:23,829
beliefs are very strong people who

1212
00:51:20,530 --> 00:51:25,480
answer that question yes seventy five

1213
00:51:23,829 --> 00:51:27,430
point five percent of the Malaysian

1214
00:51:25,480 --> 00:51:29,139
creation and those who answer that

1215
00:51:27,429 --> 00:51:31,509
question now only twenty-eight percent

1216
00:51:29,139 --> 00:51:33,088
believed in creation now they didn't ask

1217
00:51:31,510 --> 00:51:35,200
that question of atheists and agnostics

1218
00:51:33,088 --> 00:51:36,369
perhaps your current pressure couldn't

1219
00:51:35,199 --> 00:51:37,989
you can argue about the meaning of

1220
00:51:36,369 --> 00:51:40,660
religion but it didn't ask that at the

1221
00:51:37,989 --> 00:51:41,828
atheists and agnostics but the

1222
00:51:40,659 --> 00:51:43,420
interesting thing is there is that

1223
00:51:41,829 --> 00:51:45,309
whether the church leadership was

1224
00:51:43,420 --> 00:51:47,139
friendly to creation or profoundly

1225
00:51:45,309 --> 00:51:48,430
hostile to it or whether there were

1226

00:51:47,139 --> 00:51:50,078
non-christians at all there are a few

1227
00:51:48,429 --> 00:51:55,088
non-christians in there and there was

1228
00:51:50,079 --> 00:51:59,440
one follower a Jedi is in there may the

1229
00:51:55,088 --> 00:52:01,028
force be with you regardless you still

1230
00:51:59,440 --> 00:52:02,079
got this enormous difference with three

1231
00:52:01,028 --> 00:52:04,480
quarts of the people who said that

1232
00:52:02,079 --> 00:52:05,829
religious beliefs through a very very

1233
00:52:04,480 --> 00:52:07,900
strong saying yes they believe in

1234
00:52:05,829 --> 00:52:09,880
creation and only twenty percent of

1235
00:52:07,900 --> 00:52:12,278
those who said that no they would so the

1236
00:52:09,880 --> 00:52:14,019
next thing to do is to cross tab these

1237
00:52:12,278 --> 00:52:17,260
we've got these two effects now the

1238
00:52:14,019 --> 00:52:19,659
church has some effect on whether they

1239
00:52:17,260 --> 00:52:21,160
believe in creation or not but strength

1240
00:52:19,659 --> 00:52:23,889

of religious belief things have far more

1241

00:52:21,159 --> 00:52:26,379

so you cross the two here are the

1242

00:52:23,889 --> 00:52:28,659

churches & lickin Catholic other

1243

00:52:26,380 --> 00:52:29,980

denominations of Christian and then we

1244

00:52:28,659 --> 00:52:31,690

have whether that people say their

1245

00:52:29,980 --> 00:52:34,599

religious beliefs are very strong or not

1246

00:52:31,690 --> 00:52:36,579

a moral ricans those who say they have

1247

00:52:34,599 --> 00:52:37,059

strong religious beliefs don't say they

1248

00:52:36,579 --> 00:52:39,039

have to be

1249

00:52:37,059 --> 00:52:41,139

fundamentalist beliefs fifty-nine

1250

00:52:39,039 --> 00:52:43,239

percent a kami majority saying yes they

1251

00:52:41,139 --> 00:52:44,710

believe in creation but those who say

1252

00:52:43,239 --> 00:52:47,199

their religious beliefs are not strong

1253

00:52:44,710 --> 00:52:49,059

whether you call to do Catholics more

1254

00:52:47,199 --> 00:52:50,589

than two-thirds of those who have strong

1255
00:52:49,059 --> 00:52:52,570
beliefs say they believe in creation

1256
00:52:50,590 --> 00:52:53,740
less than a third of those who don't do

1257
00:52:52,570 --> 00:52:55,600
it who don't have strong beliefs

1258
00:52:53,739 --> 00:52:57,099
ethically impression when you get to the

1259
00:52:55,599 --> 00:52:59,289
other denominations of the Christians

1260
00:52:57,099 --> 00:53:01,029
about eighty-five percent of them would

1261
00:52:59,289 --> 00:53:04,300
strongly say they believe in creation

1262
00:53:01,030 --> 00:53:06,340
and overall but only about a third or

1263
00:53:04,300 --> 00:53:07,810
less of those who say they don't have

1264
00:53:06,340 --> 00:53:10,960
strong beliefs said I believe in

1265
00:53:07,809 --> 00:53:12,519
creation so what you seem to have the

1266
00:53:10,960 --> 00:53:14,440
picture that is emerging is that

1267
00:53:12,519 --> 00:53:16,869
regardless of what the leadership of the

1268
00:53:14,440 --> 00:53:19,780
church is say within all the churches

1269
00:53:16,869 --> 00:53:22,299
there are groups of people for whom

1270
00:53:19,780 --> 00:53:24,460
religion is an extremely important

1271
00:53:22,300 --> 00:53:26,470
feature in their lives other people

1272
00:53:24,460 --> 00:53:28,389
simply the mantra crafts or community

1273
00:53:26,469 --> 00:53:30,549
benefits perhaps they just go along with

1274
00:53:28,389 --> 00:53:32,889
it for traditional reasons but for those

1275
00:53:30,550 --> 00:53:35,200
who are strongly committed to religion

1276
00:53:32,889 --> 00:53:37,329
support for creationism is an awful lot

1277
00:53:35,199 --> 00:53:39,849
stronger than those the whom it isn't

1278
00:53:37,329 --> 00:53:42,069
that I think quite an unexpected finding

1279
00:53:39,849 --> 00:53:44,170
I've heard anecdotes where people had

1280
00:53:42,070 --> 00:53:46,690
said that some odd people i'd have been

1281
00:53:44,170 --> 00:53:49,720
already done in the pejorative sense but

1282
00:53:46,690 --> 00:53:51,970
people in churches even those opposed to

1283

00:53:49,719 --> 00:53:53,619
creation were in fact supporting it i

1284
00:53:51,969 --> 00:53:56,709
didn't expect to find a result as

1285
00:53:53,619 --> 00:53:58,809
clear-cut as this what does this suggest

1286
00:53:56,710 --> 00:54:00,699
and i'm coming to the end of my talk now

1287
00:53:58,809 --> 00:54:02,710
what is suggesting it's almost

1288
00:54:00,699 --> 00:54:04,269
regardless of your church almost

1289
00:54:02,710 --> 00:54:06,190
regardless of the church you attend if

1290
00:54:04,269 --> 00:54:07,989
you're strongly religious if your

1291
00:54:06,190 --> 00:54:09,519
religious beliefs take up a large part

1292
00:54:07,989 --> 00:54:11,409
of your consciousness in your life

1293
00:54:09,519 --> 00:54:13,329
you're much more likely to believe in

1294
00:54:11,409 --> 00:54:15,460
creation and thats a price must be

1295
00:54:13,329 --> 00:54:16,960
religious did on the liberal

1296
00:54:15,460 --> 00:54:18,610
denominations as it does to the

1297
00:54:16,960 --> 00:54:20,679

conservative determinations and it

1298

00:54:18,610 --> 00:54:22,870

applies even if your own church is

1299

00:54:20,679 --> 00:54:23,779

actually condemning creation that must

1300

00:54:22,869 --> 00:54:25,730

be particularly difficult

1301

00:54:23,780 --> 00:54:28,430

Catholics because of called caplets

1302

00:54:25,730 --> 00:54:30,679

accept the authority of the Pope and the

1303

00:54:28,429 --> 00:54:32,179

Pope has condemned creation but normal s

1304

00:54:30,679 --> 00:54:34,219

a majority of Catholics who regard

1305

00:54:32,179 --> 00:54:36,859

themselves as strongly religious support

1306

00:54:34,219 --> 00:54:38,719

creation it's an interesting growth how

1307

00:54:36,860 --> 00:54:40,539

we took the questions afterward we will

1308

00:54:38,719 --> 00:54:44,000

note you we will come to your question

1309

00:54:40,539 --> 00:54:45,619

okay now what this is suggesting and it

1310

00:54:44,000 --> 00:54:47,659

doesn't prove it at all but when it

1311

00:54:45,619 --> 00:54:50,000

seems to be suggesting it is that

1312
00:54:47,659 --> 00:54:52,069
creationism is not merely one set of

1313
00:54:50,000 --> 00:54:53,900
beliefs I was completely wrong when I

1314
00:54:52,070 --> 00:54:55,640
had in my mind this idea of the

1315
00:54:53,900 --> 00:54:57,380
fundamentalist being in fundamentalist

1316
00:54:55,639 --> 00:54:58,460
churches and supporting creation and

1317
00:54:57,380 --> 00:54:59,960
over here there were the liberal

1318
00:54:58,460 --> 00:55:02,690
denominations and they didn't support

1319
00:54:59,960 --> 00:55:06,619
the best recuperation there is through

1320
00:55:02,690 --> 00:55:08,090
all churches stronger in ority strongly

1321
00:55:06,619 --> 00:55:09,529
committed to their religion seeing

1322
00:55:08,090 --> 00:55:11,870
things if you like through religious

1323
00:55:09,530 --> 00:55:13,160
eyes and supporting creation almost

1324
00:55:11,869 --> 00:55:15,199
regardless of what the leadership but

1325
00:55:13,159 --> 00:55:17,599
then churches say the structure of

1326
00:55:15,199 --> 00:55:20,119
precious but it is quite different from

1327
00:55:17,599 --> 00:55:22,400
that which I thought I'm starting to

1328
00:55:20,119 --> 00:55:25,099
think this is of an arcane reference off

1329
00:55:22,400 --> 00:55:27,079
finish off week there was a remarkable

1330
00:55:25,099 --> 00:55:29,029
American sociologist called pity rim

1331
00:55:27,079 --> 00:55:32,239
Sorokin and he started life as a

1332
00:55:29,030 --> 00:55:33,980
shepherd boy in Czarist Russia then when

1333
00:55:32,239 --> 00:55:36,319
the Czarist government fell he became a

1334
00:55:33,980 --> 00:55:38,389
secretary in the cabinet of Kerensky who

1335
00:55:36,320 --> 00:55:40,690
was the first it was the the norm

1336
00:55:38,389 --> 00:55:44,029
communist leader who took over after

1337
00:55:40,690 --> 00:55:45,740
bizarre fell then he had to flee Russia

1338
00:55:44,030 --> 00:55:47,300
when the Communists took her for power

1339
00:55:45,739 --> 00:55:49,849
in Russia and he ended up as professor

1340

00:55:47,300 --> 00:55:52,430
of sociology at Harvard University and

1341
00:55:49,849 --> 00:55:54,170
one of his ideas was that regardless of

1342
00:55:52,429 --> 00:55:56,149
the particular Dominus there's a huge

1343
00:55:54,170 --> 00:55:58,970
difference between people who assume the

1344
00:55:56,150 --> 00:56:00,920
main reality is this world they exist in

1345
00:55:58,969 --> 00:56:02,809
this world and those who are you that

1346
00:56:00,920 --> 00:56:05,150
there is a spiritual reality somewhere

1347
00:56:02,809 --> 00:56:07,159
else which is far more important I think

1348
00:56:05,150 --> 00:56:09,650
that might be useful idea here because

1349
00:56:07,159 --> 00:56:11,509
what this suggests is that it's not a

1350
00:56:09,650 --> 00:56:14,059
matter of necessary of religious dogma

1351
00:56:11,510 --> 00:56:14,890
but some people do see this world as

1352
00:56:14,059 --> 00:56:16,690
being

1353
00:56:14,889 --> 00:56:18,969
a tree and unimportant compared to the

1354
00:56:16,690 --> 00:56:21,510

spiritual world that lies beyond it and

1355

00:56:18,969 --> 00:56:23,768

those people that's a profoundly pre

1356

00:56:21,510 --> 00:56:25,390

enlightenment view those people

1357

00:56:23,768 --> 00:56:27,699

regardless of the church which they

1358

00:56:25,389 --> 00:56:29,469

inhabit are far more likely to support a

1359

00:56:27,699 --> 00:56:31,480

religious explanation of the origins of

1360

00:56:29,469 --> 00:56:34,058

the world rather than the scientific one

1361

00:56:31,480 --> 00:56:36,210

so I don't know how you would apply that

1362

00:56:34,059 --> 00:56:38,980

but to me that's a fascinating insight

1363

00:56:36,210 --> 00:56:41,199

into exactly where these creations the

1364

00:56:38,980 --> 00:56:43,838

leaves are cropping up my sister got up

1365

00:56:41,199 --> 00:56:45,429

i must admit i have seen one example of

1366

00:56:43,838 --> 00:56:47,199

such the Australian magazine very

1367

00:56:45,429 --> 00:56:49,659

popular I've been served on every

1368

00:56:47,199 --> 00:56:52,568

Saturday copy of Australian the Commerce

1369
00:56:49,659 --> 00:56:54,159
Ruth Austro has an article in that one

1370
00:56:52,568 --> 00:56:56,889
of a good little opinion columns where

1371
00:56:54,159 --> 00:56:58,568
she was suggesting that creationism

1372
00:56:56,889 --> 00:57:00,940
should be taught in schools in order to

1373
00:56:58,568 --> 00:57:02,739
give students a sense of the humanity

1374
00:57:00,940 --> 00:57:04,539
out there and the possibility of another

1375
00:57:02,739 --> 00:57:06,250
world and she is also no I'm an atheist

1376
00:57:04,539 --> 00:57:08,619
but you know would be nice if one sort

1377
00:57:06,250 --> 00:57:10,358
of getting into nice us again so that

1378
00:57:08,619 --> 00:57:13,180
liberal with stuff like a sort of

1379
00:57:10,358 --> 00:57:15,400
quantum inhabitant i'll try to be

1380
00:57:13,179 --> 00:57:20,558
quickly since we have people questions

1381
00:57:15,400 --> 00:57:23,950
and their judgment okay all right this

1382
00:57:20,559 --> 00:57:25,750
is the statistical part which has ended

1383
00:57:23,949 --> 00:57:27,818
up i'm contributing to my master's

1384
00:57:25,750 --> 00:57:29,829
degree in education now in case you're

1385
00:57:27,818 --> 00:57:32,079
wondering no you cannot get a master's

1386
00:57:29,829 --> 00:57:34,000
degree in education if you're just doing

1387
00:57:32,079 --> 00:57:35,980
psychology and as you can see is in

1388
00:57:34,000 --> 00:57:37,630
psychology you can't get master's degree

1389
00:57:35,980 --> 00:57:40,539
in education it's just statistics

1390
00:57:37,630 --> 00:57:44,680
because that statistics you can however

1391
00:57:40,539 --> 00:57:46,960
use this data if you are applying it in

1392
00:57:44,679 --> 00:57:49,298
an educational fashion so what I've

1393
00:57:46,960 --> 00:57:51,789
eventually ended up is a thesis study is

1394
00:57:49,298 --> 00:57:54,159
contributing to the component of my

1395
00:57:51,789 --> 00:57:58,060
master's degree because i'm using

1396
00:57:54,159 --> 00:58:00,429
measurement that involves gosh analysis

1397

00:57:58,059 --> 00:58:01,929
it's different to traditional test

1398
00:58:00,429 --> 00:58:04,000
theory it's checking on the internal

1399
00:58:01,929 --> 00:58:06,399
consistency of items and the operation

1400
00:58:04,000 --> 00:58:09,820
in this case on anomalistic beliefs

1401
00:58:06,400 --> 00:58:11,650
normally stick beliefs of talk about a

1402
00:58:09,820 --> 00:58:13,000
second essentially we're looking to see

1403
00:58:11,650 --> 00:58:15,360
whether or not it's looking at the same

1404
00:58:13,000 --> 00:58:17,739
traits so we've got paranormal

1405
00:58:15,360 --> 00:58:20,260
pseudo-scientific and we got conspiracy

1406
00:58:17,739 --> 00:58:22,359
theory beliefs in this particular survey

1407
00:58:20,260 --> 00:58:24,400
the conspiracy theory beliefs for the

1408
00:58:22,360 --> 00:58:28,180
last three items at the end they were

1409
00:58:24,400 --> 00:58:30,400
looking at the likelihood that the Twin

1410
00:58:28,179 --> 00:58:32,649
Towers were destroyed due to fire and

1411
00:58:30,400 --> 00:58:35,110

the planes crashing into them aids

1412
00:58:32,650 --> 00:58:38,470
conspiracy that was creating authority

1413
00:58:35,110 --> 00:58:40,539
he's given pesetas so you've had 20

1414
00:58:38,469 --> 00:58:42,639
items and so we split up 10 10 and so

1415
00:58:40,539 --> 00:58:45,789
meta great fun time debating I've a lot

1416
00:58:42,639 --> 00:58:47,739
being put in the last item was Duncan

1417
00:58:45,789 --> 00:58:50,590
gun control and that was particularly

1418
00:58:47,739 --> 00:58:52,929
relevant ugly in terms of in Queensland

1419
00:58:50,590 --> 00:58:56,260
we should be a suspicious of people who

1420
00:58:52,929 --> 00:58:58,210
try to take away our guns and now I

1421
00:58:56,260 --> 00:59:00,480
should point out that no Australia does

1422
00:58:58,210 --> 00:59:02,949
not have the right to bear arms asleep

1423
00:59:00,480 --> 00:59:05,679
so isn't measuring the same sort of

1424
00:59:02,949 --> 00:59:09,039
thing people who are endorsing

1425
00:59:05,679 --> 00:59:10,690
conspiracy theory items are they having

1426
00:59:09,039 --> 00:59:12,190
the same sort of endorsement as they

1427
00:59:10,690 --> 00:59:13,690
would a paranormal pseudo-scientific

1428
00:59:12,190 --> 00:59:18,849
beliefs are they essentially the same

1429
00:59:13,690 --> 00:59:22,119
sort of thing going through there we go

1430
00:59:18,849 --> 00:59:25,539
Oh Chris french toast french in the UK

1431
00:59:22,119 --> 00:59:27,519
some of you might have heard of him he

1432
00:59:25,539 --> 00:59:29,380
defines a novelistic psychology as its

1433
00:59:27,519 --> 00:59:31,509
study of extraordinary phenomena

1434
00:59:29,380 --> 00:59:35,980
behavior involving power and all it is

1435
00:59:31,510 --> 00:59:37,990
different to parapsychology there is

1436
00:59:35,980 --> 00:59:39,369
even we normally see at parapsychology

1437
00:59:37,989 --> 00:59:40,509
at being able to study of these

1438
00:59:39,369 --> 00:59:43,299
particular beliefs there is more

1439
00:59:40,510 --> 00:59:44,980
scientific sort of edge to it and it is

1440
00:59:43,300 --> 00:59:46,780
starting to be available anonymous

1441
00:59:44,980 --> 00:59:49,030
England's it so the recent that this is

1442
00:59:46,780 --> 00:59:52,120
sad to come up there is a goldsmiths

1443
00:59:49,030 --> 00:59:54,580
college in the UK which is studies

1444
00:59:52,119 --> 00:59:57,880
stick beliefs and anomalistic psychology

1445
00:59:54,579 --> 00:59:59,349
and so has not only just the attitude

1446
00:59:57,880 --> 01:00:00,820
that when I'm assuming that there is a

1447
00:59:59,349 --> 01:00:02,079
paranormal experience but having a look

1448
01:00:00,820 --> 01:00:06,100
at the impact that it has a lot of

1449
01:00:02,079 --> 01:00:08,019
people so this is the stats part which

1450
01:00:06,099 --> 01:00:09,699
alternative rush through so again not be

1451
01:00:08,019 --> 01:00:10,960
too overwhelmed by it since on those

1452
01:00:09,699 --> 01:00:12,879
statistics is everyone's favorite

1453
01:00:10,960 --> 01:00:14,769
committee if you're endorsing a more

1454

01:00:12,880 --> 01:00:17,559
extreme statement you should endorse the

1455
01:00:14,769 --> 01:00:19,269
less extreme statements so essentially

1456
01:00:17,559 --> 01:00:20,710
you're thinking about a scale if there's

1457
01:00:19,269 --> 01:00:22,719
something that's easy to endorse will be

1458
01:00:20,710 --> 01:00:25,840
following the same pattern as you go

1459
01:00:22,719 --> 01:00:27,369
along you'll call a setup aight cop I

1460
01:00:25,840 --> 01:00:29,019
saw that you'll call a set of items of

1461
01:00:27,369 --> 01:00:30,579
common content to scale we've only a

1462
01:00:29,019 --> 01:00:32,320
person with higher rank and another

1463
01:00:30,579 --> 01:00:34,059
person is just as high or home and every

1464
01:00:32,320 --> 01:00:36,400
item just think of it as a line in

1465
01:00:34,059 --> 01:00:37,840
educational stats you can see that if

1466
01:00:36,400 --> 01:00:39,789
you give out into science test for

1467
01:00:37,840 --> 01:00:41,590
example that someone who's managing to

1468
01:00:39,789 --> 01:00:43,360

get the top score on the test they're

1469

01:00:41,590 --> 01:00:45,250

able to get the toughest items so the

1470

01:00:43,360 --> 01:00:46,990

real of difficult questions right they

1471

01:00:45,250 --> 01:00:51,579

are most likely have got be easier

1472

01:00:46,989 --> 01:00:54,279

questions right as well why did you feel

1473

01:00:51,579 --> 01:00:55,840

focus is gender differences so if you

1474

01:00:54,280 --> 01:00:59,110

had a look at the gender balance in the

1475

01:00:55,840 --> 01:01:01,090

Queensland Social Services survey seq

1476

01:00:59,110 --> 01:01:03,010

stands for southeast Queensland things

1477

01:01:01,090 --> 01:01:04,780

where one a lot of the population has

1478

01:01:03,010 --> 01:01:07,030

gone from the rest was the rest of

1479

01:01:04,780 --> 01:01:10,300

Queensland the total sample was really

1480

01:01:07,030 --> 01:01:13,900

quite nice window but 1243 people in

1481

01:01:10,300 --> 01:01:16,480

total 50.1 percent with male 49.9

1482

01:01:13,900 --> 01:01:19,809

percent of female the sheer chance were

1483
01:01:16,480 --> 01:01:21,070
very happy about that women are normally

1484
01:01:19,809 --> 01:01:22,630
stick beliefs are very short history

1485
01:01:21,070 --> 01:01:24,780
essentially you're going to see that

1486
01:01:22,630 --> 01:01:27,490
women do have a tendency towards

1487
01:01:24,780 --> 01:01:29,860
endorsing these sorts of things studies

1488
01:01:27,489 --> 01:01:31,629
prior to 2002 they indeed the included

1489
01:01:29,860 --> 01:01:33,190
superstitions astrology hauntings of

1490
01:01:31,630 --> 01:01:37,000
incarnation whereas men have a tendency

1491
01:01:33,190 --> 01:01:38,920
towards UFOs extraordinary life forms

1492
01:01:37,000 --> 01:01:42,329
and creationism and press interest views

1493
01:01:38,920 --> 01:01:44,440
very nicely yeah yes

1494
01:01:42,329 --> 01:01:47,619
there has been some other more recent

1495
01:01:44,440 --> 01:01:50,289
studies generally researchers just

1496
01:01:47,619 --> 01:01:52,269
continue to echo this pattern there have

1497
01:01:50,289 --> 01:01:54,759
been some varieties such as Clark in

1498
01:01:52,269 --> 01:01:56,920
2002 she looked as an ethnographic study

1499
01:01:54,760 --> 01:01:58,960
and she started learning a look at pop

1500
01:01:56,920 --> 01:02:01,750
culture's influence upon young women and

1501
01:01:58,960 --> 01:02:04,599
what they believe in I believe the book

1502
01:02:01,750 --> 01:02:07,239
was called from angels to Buffy and

1503
01:02:04,599 --> 01:02:10,030
having a little fun whether or not young

1504
01:02:07,239 --> 01:02:12,219
women influenced by that whether or not

1505
01:02:10,030 --> 01:02:15,400
they were incorporated how many people

1506
01:02:12,219 --> 01:02:16,989
have heard of it book or Twilight I

1507
01:02:15,400 --> 01:02:20,190
think it's probably talk another study

1508
01:02:16,989 --> 01:02:25,539
against that stuff's realism leadership

1509
01:02:20,190 --> 01:02:27,190
goodness for that oh I was inspired by

1510
01:02:25,539 --> 01:02:29,710
this particular person a young woman

1511

01:02:27,190 --> 01:02:32,019
Alyssa waiting on in 2008 she was on

1512
01:02:29,710 --> 01:02:34,568
National Public Radio there was a cheap

1513
01:02:32,019 --> 01:02:39,400
little radio program called this is the

1514
01:02:34,568 --> 01:02:41,529
new that so black is the new she said

1515
01:02:39,400 --> 01:02:42,940
psychics are the new psychologists sent

1516
01:02:41,530 --> 01:02:44,349
me to show you can find a transcript

1517
01:02:42,940 --> 01:02:46,030
online anyone who's gone through

1518
01:02:44,349 --> 01:02:48,010
something awful knows that dwelling on

1519
01:02:46,030 --> 01:02:49,390
the past isn't any fun getting at that

1520
01:02:48,010 --> 01:02:53,020
point isn't quick with a psychologist

1521
01:02:49,389 --> 01:02:54,960
you should go to a psychic instead and i

1522
01:02:53,019 --> 01:02:58,179
ended up logging about it and saying

1523
01:02:54,960 --> 01:02:59,800
essentially yes what she's saying it was

1524
01:02:58,179 --> 01:03:02,469
pretty much echoed by many young women

1525
01:02:59,800 --> 01:03:05,079

from the research but see she read my

1526

01:03:02,469 --> 01:03:06,608

blog and got in touch with me I never

1527

01:03:05,079 --> 01:03:09,250

put anything up on the internet if you

1528

01:03:06,608 --> 01:03:11,199

don't want someone to find it and she

1529

01:03:09,250 --> 01:03:12,818

was really quite interested she said I

1530

01:03:11,199 --> 01:03:14,049

didn't know that people studied this

1531

01:03:12,818 --> 01:03:16,329

sort of thing before I didn't know that

1532

01:03:14,050 --> 01:03:19,359

I was actually echoing a large

1533

01:03:16,329 --> 01:03:20,769

population of people in this and I've we

1534

01:03:19,358 --> 01:03:23,710

ended up having a bit of an email chat

1535

01:03:20,769 --> 01:03:26,019

about why she believed these things but

1536

01:03:23,710 --> 01:03:28,030

yeah this is an example the typical

1537

01:03:26,019 --> 01:03:31,389

young person who will endorse these

1538

01:03:28,030 --> 01:03:34,720

sorts of things it is an example of some

1539

01:03:31,389 --> 01:03:36,909

of the statistical data that we ended up

1540
01:03:34,719 --> 01:03:39,159
getting this is from Rome 2020 which is

1541
01:03:36,909 --> 01:03:41,409
a statistical software program it's an

1542
01:03:39,159 --> 01:03:43,088
example category probability curve it's

1543
01:03:41,409 --> 01:03:44,710
got all the thresholds the nice pretty

1544
01:03:43,088 --> 01:03:47,588
pattern that you can see there that's

1545
01:03:44,710 --> 01:03:49,929
good when I get that its value

1546
01:03:47,588 --> 01:03:52,389
at all however not every single item

1547
01:03:49,929 --> 01:03:54,848
ended up this pretty and what it did

1548
01:03:52,389 --> 01:03:57,190
eventually indicate was that even though

1549
01:03:54,849 --> 01:03:59,318
people were indeed endorsing if you

1550
01:03:57,190 --> 01:04:01,028
didn't believe if you didn't have a

1551
01:03:59,318 --> 01:04:02,949
tendency towards particular paranormal

1552
01:04:01,028 --> 01:04:04,778
pseudoscience police you weren't going

1553
01:04:02,949 --> 01:04:06,728
to carry that through through others it

1554
01:04:04,778 --> 01:04:08,619
wasn't always consistent and we heard

1555
01:04:06,728 --> 01:04:10,509
that already with people endorse in

1556
01:04:08,619 --> 01:04:13,509
creationism and evolution at the same

1557
01:04:10,509 --> 01:04:17,710
time you get some really wacky craps out

1558
01:04:13,509 --> 01:04:19,179
of that endorsement of items one of the

1559
01:04:17,710 --> 01:04:22,119
other lovely features is that you can

1560
01:04:19,179 --> 01:04:26,108
demonstrate differences in belief in

1561
01:04:22,119 --> 01:04:27,700
gender this is item 05 number we came up

1562
01:04:26,108 --> 01:04:30,608
with okay mama catch phrases for each

1563
01:04:27,699 --> 01:04:32,679
one because like alien number stars

1564
01:04:30,608 --> 01:04:37,659
stars us like sure way of saying

1565
01:04:32,679 --> 01:04:41,259
astrology guns 911 would cross fingers

1566
01:04:37,659 --> 01:04:42,818
and so forth anyway this is item 05

1567
01:04:41,259 --> 01:04:45,039
number you can see they're quite a nice

1568

01:04:42,818 --> 01:04:47,889
little pattern in terms of the males are

1569
01:04:45,039 --> 01:04:51,339
more clearly endorsing across the strata

1570
01:04:47,889 --> 01:04:52,629
over females number was do you believe

1571
01:04:51,338 --> 01:04:56,228
that numbers have special significance

1572
01:04:52,630 --> 01:04:58,809
for example the number for another 13 I

1573
01:04:56,228 --> 01:05:00,429
included the numbers for because i was

1574
01:04:58,809 --> 01:05:02,979
aware that we might have an Asian

1575
01:05:00,429 --> 01:05:04,298
population and it has a influence on

1576
01:05:02,978 --> 01:05:08,078
whether or not you consider a nice and

1577
01:05:04,298 --> 01:05:10,329
lucky we can possibly discuss this

1578
01:05:08,079 --> 01:05:12,609
together if you like Martin like I just

1579
01:05:10,329 --> 01:05:15,249
touching wood and crossing fingers

1580
01:05:12,608 --> 01:05:17,528
something went very interesting man i

1581
01:05:15,248 --> 01:05:19,328
leave i coded you should we talk about

1582
01:05:17,528 --> 01:05:21,748

this oh I could give a two minute

1583

01:05:19,329 --> 01:05:25,269

summary that's interesting yes he just

1584

01:05:21,748 --> 01:05:28,028

wanna know I've got to do it all right

1585

01:05:25,268 --> 01:05:30,699

okay okay okay and I prefer to rely on

1586

01:05:28,028 --> 01:05:32,978

my lungs but nevermind okay um we

1587

01:05:30,699 --> 01:05:34,478

included six items on superstitions

1588

01:05:32,978 --> 01:05:36,728

Richard Wiseman is a very well-known

1589

01:05:34,478 --> 01:05:38,558

British psychologist have made up to

1590

01:05:36,728 --> 01:05:40,598

little scales of different kinds of

1591

01:05:38,559 --> 01:05:42,430

superstitions things like touching wood

1592

01:05:40,599 --> 01:05:43,960

crossing fingers Karen your lucky charms

1593

01:05:42,429 --> 01:05:45,909

and so on and he divided the ridge of

1594

01:05:43,960 --> 01:05:47,760

positive and negative superstitions and

1595

01:05:45,909 --> 01:05:50,159

they've been used in quite a lot of

1596

01:05:47,760 --> 01:05:51,990

but nobody's ever actually tested

1597
01:05:50,159 --> 01:05:54,029
whether they work probably that is to

1598
01:05:51,989 --> 01:05:56,069
say whether if you're likely to endorse

1599
01:05:54,030 --> 01:05:58,530
a one positive superstition you're

1600
01:05:56,070 --> 01:06:01,289
likely to endorse others or not and we

1601
01:05:58,530 --> 01:06:03,300
are the first people to chat it and no

1602
01:06:01,289 --> 01:06:05,279
it doesn't work I'm a great admirer of

1603
01:06:03,300 --> 01:06:07,140
Richard Wiseman either skeptic he's a

1604
01:06:05,280 --> 01:06:08,460
really good psychologist but to be

1605
01:06:07,139 --> 01:06:11,099
honest and please don't quote me on this

1606
01:06:08,460 --> 01:06:13,019
he has resoundingly stuffed up this

1607
01:06:11,099 --> 01:06:15,329
particular scale and we are going to

1608
01:06:13,019 --> 01:06:17,159
have to put this in print and it's gonna

1609
01:06:15,329 --> 01:06:19,380
be awful for him sorry but it's there

1610
01:06:17,159 --> 01:06:26,579
I'm sorry I don't have the same attitude

1611
01:06:19,380 --> 01:06:29,160
as I took my son got it wrong conspiracy

1612
01:06:26,579 --> 01:06:30,900
theory items i discovered that through

1613
01:06:29,159 --> 01:06:33,089
wash modeling that conspiracy theory

1614
01:06:30,900 --> 01:06:34,800
items do not correlate with paranormal

1615
01:06:33,090 --> 01:06:36,930
and pseudoscience they're different set

1616
01:06:34,800 --> 01:06:38,490
of beliefs there is very little research

1617
01:06:36,929 --> 01:06:40,619
done on conspiracy theory items

1618
01:06:38,489 --> 01:06:42,750
involving 911 it's only recently started

1619
01:06:40,619 --> 01:06:45,150
coming out I contact the doctor his

1620
01:06:42,750 --> 01:06:48,750
friend she had a very more like a

1621
01:06:45,150 --> 01:06:50,099
general manager Street survey about 911

1622
01:06:48,750 --> 01:06:52,320
beliefs and with I heard that he was

1623
01:06:50,099 --> 01:06:53,880
doing one and he said that he had some

1624
01:06:52,320 --> 01:06:55,410
interesting data but it was to be a

1625

01:06:53,880 --> 01:06:57,720
formalized in the fashion that house

1626
01:06:55,409 --> 01:07:00,509
works and more and more papers have

1627
01:06:57,719 --> 01:07:02,279
started to come out and at least we can

1628
01:07:00,510 --> 01:07:04,470
contribute in that way to data saying

1629
01:07:02,280 --> 01:07:06,150
that conspiracy theory item police

1630
01:07:04,469 --> 01:07:08,549
appear to be something different and

1631
01:07:06,150 --> 01:07:11,039
further research can of course be drawn

1632
01:07:08,550 --> 01:07:13,500
from this I'm interested in possibly

1633
01:07:11,039 --> 01:07:15,300
using some of the items on the star

1634
01:07:13,500 --> 01:07:16,539
clarifying them because they did not

1635
01:07:15,300 --> 01:07:18,609
match up in

1636
01:07:16,539 --> 01:07:21,309
the pseudoscience conspiracy and

1637
01:07:18,608 --> 01:07:23,708
paranormal in terms of meeting the same

1638
01:07:21,309 --> 01:07:24,849
believe with conspiracies I might just

1639
01:07:23,708 --> 01:07:27,969

have been focusing on one particular

1640

01:07:24,849 --> 01:07:29,739

aspect of pruning a different scale of

1641

01:07:27,969 --> 01:07:32,079

taking everywhere tell you one thing I'm

1642

01:07:29,739 --> 01:07:35,199

interested in this finding that for a

1643

01:07:32,079 --> 01:07:38,068

whole range of paranormal beliefs within

1644

01:07:35,199 --> 01:07:40,209

a whole Marty to believe that men and

1645

01:07:38,068 --> 01:07:41,918

well there's been a lot of sexist

1646

01:07:40,208 --> 01:07:43,629

interpretations of that kind of thing

1647

01:07:41,918 --> 01:07:45,848

I'll tell you what I'm going to try to

1648

01:07:43,630 --> 01:07:48,130

do just to see whether it works or not I

1649

01:07:45,849 --> 01:07:50,259

have a theory that this is partly

1650

01:07:48,130 --> 01:07:52,599

related to education basically the more

1651

01:07:50,259 --> 01:07:54,668

education you have some of the

1652

01:07:52,599 --> 01:07:56,739

paranormal beliefs decline as you become

1653

01:07:54,668 --> 01:07:59,409

more educated not all of them but some

1654
01:07:56,739 --> 01:08:01,659
of them so I've got a theory that among

1655
01:07:59,409 --> 01:08:03,248
older women who on average are less

1656
01:08:01,659 --> 01:08:05,139
well-educated than older men and

1657
01:08:03,248 --> 01:08:07,298
certainly than younger people you are

1658
01:08:05,139 --> 01:08:09,338
going to find that the explanation as to

1659
01:08:07,298 --> 01:08:11,048
why women are more likely to believe in

1660
01:08:09,338 --> 01:08:13,538
the paranormal is that these older women

1661
01:08:11,048 --> 01:08:15,369
are less well-educated and therefore

1662
01:08:13,539 --> 01:08:17,259
they're more prone to paranormal beliefs

1663
01:08:15,369 --> 01:08:19,420
that among younger women you're going to

1664
01:08:17,259 --> 01:08:21,609
get far more skepticism that's a theory

1665
01:08:19,420 --> 01:08:23,109
I could very well be wrong and if i'm

1666
01:08:21,609 --> 01:08:24,520
wrong i should probably keep very quiet

1667
01:08:23,109 --> 01:08:26,650
about it but that's what over there is

1668
01:08:24,520 --> 01:08:29,109
i'm going to test out and of course

1669
01:08:26,649 --> 01:08:31,149
martin is doing other research on what

1670
01:08:29,109 --> 01:08:35,289
makes the skeptic as well so you can

1671
01:08:31,149 --> 01:08:37,509
afford to that again which is weighted

1672
01:08:35,289 --> 01:08:39,219
crowd she was so wonderful and he

1673
01:08:37,509 --> 01:08:40,960
previously let's get pizza and wonderful

1674
01:08:39,219 --> 01:08:42,279
represented there you can find out more

1675
01:08:40,960 --> 01:08:45,759
about the australian skeptics on

1676
01:08:42,279 --> 01:08:49,150
skeptics between escondo value first

1677
01:08:45,759 --> 01:08:50,948
last you want to say that's my pop the

1678
01:08:49,149 --> 01:08:53,638
podcast that both fidgeting i remembers

1679
01:08:50,948 --> 01:08:55,689
of skeptics on TV thank you Richard

1680
01:08:53,639 --> 01:08:57,250
there's a televisions Richard Saunders

1681
01:08:55,689 --> 01:09:01,598
during the Toyota see here for some

1682

01:08:57,250 --> 01:09:03,158
reason oh I can't even a no man we

1683
01:09:01,599 --> 01:09:06,309
wouldn't have this yes exactly and

1684
01:09:03,158 --> 01:09:08,558
public comm is my blog where I have in

1685
01:09:06,309 --> 01:09:10,329
order to discipline myself to write my

1686
01:09:08,559 --> 01:09:13,489
master's thesis after ten years of being

1687
01:09:10,328 --> 01:09:16,179
in high school I had continually written

1688
01:09:13,488 --> 01:09:18,558
of my data put it up with blog post so

1689
01:09:16,179 --> 01:09:20,449
there's a lot to be said for being held

1690
01:09:18,559 --> 01:09:23,569
tonight 25,000 words if you just

1691
01:09:20,448 --> 01:09:25,428
doubling 1000 chunk in increments over

1692
01:09:23,569 --> 01:09:26,900
two years of time put it up on a blog on

1693
01:09:25,429 --> 01:09:29,149
for a few pretty pictures and best of

1694
01:09:26,899 --> 01:09:30,798
all it ends up having people who you are

1695
01:09:29,149 --> 01:09:33,439
talking about end up writing to you

1696
01:09:30,798 --> 01:09:35,210

which is quite intriguing too and thank

1697

01:09:33,439 --> 01:09:37,568

you very much ladies enjoy thank you

1698

01:09:35,210 --> 01:09:37,569

what a brilliant

1699

01:09:51,609 --> 01:09:56,569

thank you for listening to this episode

1700

01:09:53,899 --> 01:09:58,339

of the skeptic zone tune in again next

1701

01:09:56,569 --> 01:10:02,210

week as we bring you an interview with

1702

01:09:58,340 --> 01:10:04,369

noted astronomer Seth Shostak until then

1703

01:10:02,210 --> 01:10:10,189

this is Richard Saunders signing off

1704

01:10:04,369 --> 01:10:12,500

from Sydney Australia you've been

1705

01:10:10,189 --> 01:10:17,569

listening to the skeptic zone visit our

1706

01:10:12,500 --> 01:10:22,149

website at WWF digs on TV for comments

1707

01:10:17,569 --> 01:10:22,149

contacts and extra video reports

1708

01:10:22,380 --> 01:10:25,380

skin

1709

01:10:40,569 --> 01:10:42,630

you