

The Skeptic Zone

Show 250 - 4 Aug 2013

:60

second
SCIENCE

:60

second
SCIENCE

:60

second
SCIENCE

1
00:00:00,890 --> 00:00:17,400
from the del mar by here at tam 2013

2
00:00:17,410 --> 00:00:29,430
they will be

3
00:00:36,270 --> 00:00:32,589
welcome to the skeptic zone the podcast

4
00:00:39,900 --> 00:00:36,280
from Australia for science and reason

5
00:00:46,590 --> 00:00:39,910
urea hosts Richard Saunders and Stefan

6
00:00:52,990 --> 00:00:50,770
hey Richard hey Stefan what the hell was

7
00:00:54,729 --> 00:00:53,000
that you mean right at the front of the

8
00:00:57,400 --> 00:00:54,739
show well that was a little clip a

9
00:00:59,410 --> 00:00:57,410
little snip a little insight to the

10
00:01:01,450 --> 00:00:59,420
merriment and murph and general

11
00:01:03,939 --> 00:01:01,460
carryings-on at the the amazing meeting

12
00:01:06,040 --> 00:01:03,949
in Las Vegas where was all over and we

13
00:01:08,499 --> 00:01:06,050

could all relax Oh sellers you're having

14

00:01:10,240 --> 00:01:08,509

a lot of fun there yes and there was

15

00:01:12,820 --> 00:01:10,250

George Robert his guitar we're all

16

00:01:15,520 --> 00:01:12,830

singing along and people saying where's

17

00:01:17,139 --> 00:01:15,530

Stefan oh yeah I'm sure they were there

18

00:01:18,490 --> 00:01:17,149

was an upper upper most of their minds

19

00:01:20,050 --> 00:01:18,500

without the whole conference there's

20

00:01:21,700 --> 00:01:20,060

something missing here well that was

21

00:01:23,050 --> 00:01:21,710

actually it was uppermost on my mind I

22

00:01:24,999 --> 00:01:23,060

wasn't there it was very disappointing

23

00:01:27,609 --> 00:01:25,009

very depressing but he had a great time

24

00:01:30,040 --> 00:01:27,619

I hear I was a wonderful time the

25

00:01:32,740 --> 00:01:30,050

amazing meeting in Las Vegas is always a

26

00:01:35,320 --> 00:01:32,750

wonderful time and Stefan can you

27

00:01:37,600 --> 00:01:35,330

believe it this alleged this is a

28

00:01:39,460 --> 00:01:37,610

skeptical show no I don't believe it you

29

00:01:41,440 --> 00:01:39,470

asked me believe it yeah well I leave it

30

00:01:47,050 --> 00:01:41,450

because there's evidence this is show

31

00:01:48,999 --> 00:01:47,060

number 250 250 yeah that's insane

32

00:01:54,219 --> 00:01:49,009

Richard what have you need to get a life

33

00:01:58,179 --> 00:01:54,229

really I do I must admit it I to 250 my

34

00:02:00,490 --> 00:01:58,189

goodness for the fourth of August 24 13

35

00:02:02,440 --> 00:02:00,500

2013 so when do we actually start was a

36

00:02:06,639 --> 00:02:02,450

wasn't about five six years ago or

37

00:02:08,560 --> 00:02:06,649

something it was 2008 in late August I

38

00:02:11,350 --> 00:02:08,570

think something like that dives are

39

00:02:12,970 --> 00:02:11,360

there yes how about that man you have to

40

00:02:15,550 --> 00:02:12,980

get a gold medal for consistency you've

41

00:02:18,640 --> 00:02:15,560

kept it up the whole time if for nothing

42

00:02:20,770 --> 00:02:18,650

else at least consistency yeah actually

43

00:02:22,780 --> 00:02:20,780

why you talk about the number 252 and

44

00:02:24,340 --> 00:02:22,790

how long we've been doing this for so I

45

00:02:26,860 --> 00:02:24,350

just actually googled that and look for

46

00:02:28,060 --> 00:02:26,870

factors of 250 in it and 250 is a weird

47

00:02:32,830 --> 00:02:28,070

number because it doesn't have that many

48

00:02:35,680 --> 00:02:32,840

factors it's like 12 yeah 12 5 10 25 50

49

00:02:38,380 --> 00:02:35,690

125 250 and that's kind of weird because

50

00:02:40,000 --> 00:02:38,390

in it same if you break down the 250

51
00:02:42,160 --> 00:02:40,010
episodes we've done I mean in that same

52
00:02:45,940 --> 00:02:42,170
time I've had three relationships four

53
00:02:47,140 --> 00:02:45,950
bankruptcies and six liver detoxes so I

54
00:02:49,090 --> 00:02:47,150
don't know I think it might be more

55
00:02:51,550 --> 00:02:49,100
factors to see 50 than meets the eye

56
00:02:54,100 --> 00:02:51,560
okay there is something it this subject

57
00:02:56,199 --> 00:02:54,110
is numerology after a holiday they

58
00:02:58,000 --> 00:02:56,209
couldn't be I'll go consult my chart

59
00:02:59,530 --> 00:02:58,010
yeah so sorry

60
00:03:02,350 --> 00:02:59,540
you must have a massive bumper show

61
00:03:04,179 --> 00:03:02,360
lined up for such a big number well you

62
00:03:05,860 --> 00:03:04,189
know what Stefan it's all repeats it's

63
00:03:08,020 --> 00:03:05,870

all highlights from past episodes now

64

00:03:10,330 --> 00:03:08,030

it's all new material I recycle yeah

65

00:03:14,319 --> 00:03:10,340

like the Simpsons always do now again so

66

00:03:17,949 --> 00:03:14,329

what is it new stuff we have a interview

67

00:03:20,410 --> 00:03:17,959

with Brendan O'Brien from 62nd science

68

00:03:22,170 --> 00:03:20,420

this is a project for students and

69

00:03:25,030 --> 00:03:22,180

others to put up a video clip

70

00:03:28,059 --> 00:03:25,040

demonstrating science all within 60

71

00:03:29,649 --> 00:03:28,069

seconds okay that's pretty cool and it's

72

00:03:31,240 --> 00:03:29,659

going well and I'm sure it's going very

73

00:03:34,020 --> 00:03:31,250

well with all the short attention spans

74

00:03:36,430 --> 00:03:34,030

everyone's got these days that's right

75

00:03:38,199 --> 00:03:36,440

no it's very encouraging because it's

76

00:03:39,970 --> 00:03:38,209

really aimed at students but anybody's

77

00:03:42,129 --> 00:03:39,980

welcome to join in they've had over a

78

00:03:44,170 --> 00:03:42,139

million views on their YouTube channel

79

00:03:46,240 --> 00:03:44,180

so they're going pretty well okay great

80

00:03:48,729 --> 00:03:46,250

okay so we've got the usual segments

81

00:03:50,319 --> 00:03:48,739

coming up as well we certainly do we've

82

00:03:51,640 --> 00:03:50,329

got a wig in science without good friend

83

00:03:55,000 --> 00:03:51,650

dr. Paul wheels from the Royal

84

00:03:57,339 --> 00:03:55,010

Institution of Australia we have penny

85

00:03:59,800 --> 00:03:57,349

chair with a penny for your thoughts hey

86

00:04:02,080 --> 00:03:59,810

hi chi Chi put up a very interesting a

87

00:04:04,240 --> 00:04:02,090

facebook profile page a photo the other

88

00:04:05,800 --> 00:04:04,250

day ever she I think I think it's her

89

00:04:07,930 --> 00:04:05,810

she painted herself as a skull or

90

00:04:09,520 --> 00:04:07,940

something it looked pretty awesome have

91

00:04:11,740 --> 00:04:09,530

you seen nobody groovy she's pretty

92

00:04:13,930 --> 00:04:11,750

groovy penny I'm pretty way out things

93

00:04:16,300 --> 00:04:13,940

yeah makeup artists tough and oppressive

94

00:04:18,430 --> 00:04:16,310

pretty impressive anyway I'm gonna chat

95

00:04:19,900 --> 00:04:18,440

to penny just to catch up which I did at

96

00:04:22,330 --> 00:04:19,910

the amazing reading Asian deal after

97

00:04:24,960 --> 00:04:22,340

that as you do and after that she

98

00:04:27,460 --> 00:04:24,970

interviews a man by the name of Kyle

99

00:04:30,490 --> 00:04:27,470

Sanders who has written a new comic

100

00:04:34,810 --> 00:04:30,500

strip called carbon dating where science

101
00:04:36,640 --> 00:04:34,820
and relationships meet Oh lots of nerds

102
00:04:39,279 --> 00:04:36,650
trying to try to get dates that's that

103
00:04:41,050 --> 00:04:39,289
could be interesting no I'm sure it's

104
00:04:42,790 --> 00:04:41,060
pretty pretty cool so I'll that'll be

105
00:04:45,040 --> 00:04:42,800
good and then someone else we got we've

106
00:04:48,730 --> 00:04:45,050
got an interview with Ross blocher from

107
00:04:50,230 --> 00:04:48,740
the oh no Ross and Carrie podcast now

108
00:04:52,120 --> 00:04:50,240
I'd caught up with Ross blocher in

109
00:04:54,550 --> 00:04:52,130
Hollywood after the amazing meeting and

110
00:04:56,950 --> 00:04:54,560
he discusses more about the crazy and

111
00:04:58,810 --> 00:04:56,960
zany adventures he and Carrie papi have

112
00:05:01,000 --> 00:04:58,820
had making the oh no Ross and Carrie

113
00:05:02,980 --> 00:05:01,010

podcast this is the podcast where they

114

00:05:06,339 --> 00:05:02,990

do all the wacky and ridiculous things

115

00:05:08,170 --> 00:05:06,349

so you don't have to write we don't have

116

00:05:09,339 --> 00:05:08,180

to win that we were very straight normal

117

00:05:10,430 --> 00:05:09,349

kind of podcast I'll be very

118

00:05:14,330 --> 00:05:10,440

conservative

119

00:05:16,850 --> 00:05:14,340

I think so I think you got no exam well

120

00:05:19,190 --> 00:05:16,860

if we stay up to 250 episodes I think we

121

00:05:21,590 --> 00:05:19,200

must be doing something right anyway my

122

00:05:23,660 --> 00:05:21,600

hopes are yes right and to round off the

123

00:05:25,760 --> 00:05:23,670

show we have our part 2 of maynard

124

00:05:28,340 --> 00:05:25,770

series of interviews with Marlo Cassetti

125

00:05:31,280 --> 00:05:28,350

who was one of the guys who worked at

126

00:05:33,590 --> 00:05:31,290

NASA when NASA was really getting

127

00:05:36,620 --> 00:05:33,600

started today Mars going to tell us

128

00:05:38,750 --> 00:05:36,630

about early UFO reports oh there were

129

00:05:41,570 --> 00:05:38,760

plenty of those yes there was some of

130

00:05:43,370 --> 00:05:41,580

those years haha so now I i had the

131

00:05:45,290 --> 00:05:43,380

interesting time last night i was doing

132

00:05:47,680 --> 00:05:45,300

one of my regular gigs about it a bit of

133

00:05:50,210 --> 00:05:47,690

a combined 40th birthday party and these

134

00:05:52,310 --> 00:05:50,220

skeptics own groupies came up to me and

135

00:05:53,600 --> 00:05:52,320

they actually i know you get lots of

136

00:05:55,040 --> 00:05:53,610

them Richard you go everywhere you go

137

00:05:56,720 --> 00:05:55,050

around the world people do trail behind

138

00:05:58,490 --> 00:05:56,730

you and asking photographs but this is

139

00:05:59,660 --> 00:05:58,500

my first skeptics groupies it was yeah

140

00:06:01,790 --> 00:05:59,670

three of them came up and I said they

141

00:06:03,410 --> 00:06:01,800

love the show and they have a been been

142

00:06:06,320 --> 00:06:03,420

listening to us for quite some time and

143

00:06:07,640 --> 00:06:06,330

yeah it's quite good i did not be like

144

00:06:08,780 --> 00:06:07,650

comfortable cuz i was at a rock and roll

145

00:06:10,940 --> 00:06:08,790

Keegan they'll call him sell the

146

00:06:13,670 --> 00:06:10,950

groupies I didn't know what the next but

147

00:06:16,250 --> 00:06:13,680

yeah they actually were some lawyers and

148

00:06:18,200 --> 00:06:16,260

they said they do a bit of pro bono work

149

00:06:20,270 --> 00:06:18,210

here in the effort for the sort of

150

00:06:21,620 --> 00:06:20,280

organizations that the skeptics are so

151

00:06:23,200 --> 00:06:21,630

actually I want to do a bit of a call

152

00:06:25,250 --> 00:06:23,210

out if they're listening to this episode

153

00:06:26,450 --> 00:06:25,260

yeah give it get in contact with us

154

00:06:28,220 --> 00:06:26,460

because I've actually got a few clients

155

00:06:31,370 --> 00:06:28,230

on either chase up some money hit that

156

00:06:34,370 --> 00:06:31,380

suit but yeah there really were quite

157

00:06:36,230 --> 00:06:34,380

keen to it to be involved and think so

158

00:06:39,590 --> 00:06:36,240

it was great to meet them so hi guys

159

00:06:42,140 --> 00:06:39,600

yeah skeptic zone groupies at a rock and

160

00:06:44,200 --> 00:06:42,150

roll concert I was phenomenal I honestly

161

00:06:46,909 --> 00:06:44,210

I didn't know what to do I was confused

162

00:06:49,070 --> 00:06:46,919

that's pretty funny stuff I'll go and

163

00:06:50,630 --> 00:06:49,080

whoever you are you skeptics own group

164

00:06:52,070 --> 00:06:50,640

he's going up and saying hello to Stefan

165

00:06:54,950 --> 00:06:52,080

that's really great did they recognize

166

00:06:58,250 --> 00:06:54,960

your voice or what was not all it was to

167

00:07:01,310 --> 00:06:58,260

a they'd I'd organized the gig through

168

00:07:02,960 --> 00:07:01,320

these guys on Facebook and and he was a

169

00:07:04,340 --> 00:07:02,970

friend and then he recognized me when he

170

00:07:06,260 --> 00:07:04,350

saw that I was coming to the gig in you

171

00:07:07,700 --> 00:07:06,270

it ah I know him from the the year

172

00:07:08,780 --> 00:07:07,710

because he follows us the skeptic page

173

00:07:11,690 --> 00:07:08,790

so yeah it's just one of those little

174

00:07:13,250 --> 00:07:11,700

networking things but that was cool how

175

00:07:15,260 --> 00:07:13,260

about that and some of our listeners

176

00:07:17,420 --> 00:07:15,270

might not know Stefan that you're a

177

00:07:19,700 --> 00:07:17,430

you're a rocker from way back in fact we

178

00:07:22,340 --> 00:07:19,710

met years and years ago when you used to

179

00:07:23,390 --> 00:07:22,350

be the the piano man one of the bars I

180

00:07:25,550 --> 00:07:23,400

used to go down

181

00:07:27,920 --> 00:07:25,560

to in glebe here ensure the old

182

00:07:31,520 --> 00:07:27,930

Excelsior Hotel the backpacker pub yeah

183

00:07:35,300 --> 00:07:31,530

as long as the guys for the days were

184

00:07:36,469 --> 00:07:35,310

they say it with the date ah but that

185

00:07:37,820 --> 00:07:36,479

when there was like twin we're talking

186

00:07:40,189 --> 00:07:37,830

20 years ago now we're not talking just

187

00:07:42,800 --> 00:07:40,199

the level of sleep looking years ago

188

00:07:45,290 --> 00:07:42,810

yeah yeah now now Richard you were

189

00:07:48,050 --> 00:07:45,300

talking about the Australian skeptics

190

00:07:49,730 --> 00:07:48,060

convention coming up well Stefan I just

191

00:07:51,350 --> 00:07:49,740

can't get enough of these conventions I

192

00:07:52,640 --> 00:07:51,360

mean I go around the world to convention

193

00:07:54,950 --> 00:07:52,650

skeptical conventions because there's

194

00:07:57,409 --> 00:07:54,960

such a good time and yes yes the

195

00:08:00,050 --> 00:07:57,419

Australian skeptics national convention

196

00:08:01,640 --> 00:08:00,060

is always one to enjoy it's in Canberra

197

00:08:03,950 --> 00:08:01,650

this year tickets are still available

198

00:08:05,810 --> 00:08:03,960

more information coming up a bit later

199

00:08:08,360 --> 00:08:05,820

on in the show but this is a bit of a

200

00:08:10,100 --> 00:08:08,370

warning rewarding tire listeners who

201
00:08:12,050 --> 00:08:10,110
haven't booked their tickets yet please

202
00:08:13,700 --> 00:08:12,060
don't delay much longer or you will miss

203
00:08:16,310 --> 00:08:13,710
out and then you'll write to us and say

204
00:08:17,930 --> 00:08:16,320
why can't I come to the convention don't

205
00:08:20,390 --> 00:08:17,940
let that happen to you and it's in

206
00:08:22,550 --> 00:08:20,400
Canberra yeah it's in Canberra so I

207
00:08:23,960 --> 00:08:22,560
wonder who the Prime Minister will be we

208
00:08:25,909 --> 00:08:23,970
just don't know we won't know about it

209
00:08:27,589 --> 00:08:25,919
but and for those people overseas or

210
00:08:28,969 --> 00:08:27,599
thing you've coming to Australia for we

211
00:08:31,909 --> 00:08:28,979
can remind you the Canberra our nation's

212
00:08:35,180 --> 00:08:31,919
capital is also has his decriminalized

213
00:08:38,110 --> 00:08:35,190

cannabis and prostitution so so it's a

214

00:08:41,209 --> 00:08:38,120

perfect place to go for a conference

215

00:08:43,760 --> 00:08:41,219

politicians got it yes listeners check

216

00:08:46,699 --> 00:08:43,770

your check your advice travel advisories

217

00:08:48,710 --> 00:08:46,709

and notify what Stephanie said I don't

218

00:08:51,079 --> 00:08:48,720

know the veracity of that but it's a

219

00:08:52,820 --> 00:08:51,089

very crazy place it's it's quite funny

220

00:08:55,070 --> 00:08:52,830

how the politicians have sort of zoned

221

00:08:56,449 --> 00:08:55,080

out the nation's capital and given

222

00:08:57,890 --> 00:08:56,459

themselves a lot more freedom to do

223

00:08:59,630 --> 00:08:57,900

things that everyone else likes to do

224

00:09:02,240 --> 00:08:59,640

and is not allowed to it's how about

225

00:09:04,070 --> 00:09:02,250

that how about that how about that how

226

00:09:05,570 --> 00:09:04,080

about that well Stefan you know what yep

227

00:09:07,670 --> 00:09:05,580

well Stefan I think it's time for us to

228

00:09:09,199 --> 00:09:07,680

race down stairs open the fridge or the

229

00:09:11,360 --> 00:09:09,209

cupboard and see if we can't find some

230

00:09:12,769 --> 00:09:11,370

oh I don't know peanut butter cookies or

231

00:09:14,210 --> 00:09:12,779

you love you peanut butter reach it I

232

00:09:17,060 --> 00:09:14,220

think I'm gonna stick to my oh my fridge

233

00:09:18,410 --> 00:09:17,070

full of energy drinks cheap drinks oh

234

00:09:20,540 --> 00:09:18,420

yeah got it we're going to get through

235

00:09:23,030 --> 00:09:20,550

the end of this show so you know we do

236

00:09:24,320 --> 00:09:23,040

we're gonna survive so yeah let's let's

237

00:09:25,880 --> 00:09:24,330

let's do it you have some peanut butter

238

00:09:29,240 --> 00:09:25,890

some energy drinks and we'll get back

239

00:09:45,750 --> 00:09:29,250

into it at the end show 250 here it is

240

00:09:49,440 --> 00:09:48,130

well as I mentioned at the top of the

241

00:09:52,420 --> 00:09:49,450

show we're going to be talking to

242

00:09:55,480 --> 00:09:52,430

Brendan O'Brien who's involved with a

243

00:09:58,570 --> 00:09:55,490

wonderful project and I've been very

244

00:10:01,810 --> 00:09:58,580

very honored to be asked to be a judge

245

00:10:04,030 --> 00:10:01,820

in this project this is the 62nd science

246

00:10:06,250 --> 00:10:04,040

on the line Brendan O'Brien hello

247

00:10:07,810 --> 00:10:06,260

Brendan hi Richard how are you and

248

00:10:10,450 --> 00:10:07,820

greetings toward your listeners out

249

00:10:13,260 --> 00:10:10,460

there all my listeners out there send

250

00:10:17,470 --> 00:10:13,270

you their greetings back I'm sure and

251
00:10:19,390 --> 00:10:17,480
what's really exciting is that all our

252
00:10:22,570 --> 00:10:19,400
listeners all the skeptics own listeners

253
00:10:24,040 --> 00:10:22,580
can get to view the videos which are

254
00:10:26,829 --> 00:10:24,050
currently being uploaded into

255
00:10:29,620 --> 00:10:26,839
competition for 60 seconds science and

256
00:10:31,570 --> 00:10:29,630
what a concept it is getting students

257
00:10:35,019 --> 00:10:31,580
and others to convey a scientific point

258
00:10:38,890 --> 00:10:35,029
in 60 seconds how did this all start oh

259
00:10:40,990 --> 00:10:38,900
it started in about 2006 when I was

260
00:10:43,570 --> 00:10:41,000
working in a number of schools down in

261
00:10:45,850 --> 00:10:43,580
Northeast Victoria and we did some

262
00:10:48,190 --> 00:10:45,860
projects with video and I just grew from

263
00:10:50,680 --> 00:10:48,200

there we started off of six girls and

264

00:10:52,990 --> 00:10:50,690

account three schools then it became

265

00:10:55,350 --> 00:10:53,000

statewide in Victoria then it went

266

00:10:59,020 --> 00:10:55,360

australia-wide and started including

267

00:11:01,300 --> 00:10:59,030

people citizens of all ages and then

268

00:11:04,870 --> 00:11:01,310

when global about two or three years ago

269

00:11:06,340 --> 00:11:04,880

and it's reaching into about 44

270

00:11:09,460 --> 00:11:06,350

countries at the moment we're getting

271

00:11:11,590 --> 00:11:09,470

lots of entries we had 300 plus entries

272

00:11:14,110 --> 00:11:11,600

last year so it's going very well

273

00:11:16,650 --> 00:11:14,120

Richard num it's free and that's

274

00:11:19,870 --> 00:11:16,660

important that people realize that and

275

00:11:22,480 --> 00:11:19,880

another thing is we need to be careful

276

00:11:25,180 --> 00:11:22,490

of and that is privacy and copyright so

277

00:11:29,500 --> 00:11:25,190

we take it very seriously so on our

278

00:11:31,690 --> 00:11:29,510

website www.60-second-signs.dotnet we've

279

00:11:33,970 --> 00:11:31,700

got the details of our lames why we're

280

00:11:36,730 --> 00:11:33,980

doing it we just want to help people

281

00:11:39,490 --> 00:11:36,740

better understand the world around us

282

00:11:41,530 --> 00:11:39,500

and the challenge for people that go in

283

00:11:44,890 --> 00:11:41,540

the competition is to create a short

284

00:11:48,190 --> 00:11:44,900

video that explains an invention or an

285

00:11:49,269 --> 00:11:48,200

experiment or a science concept or an

286

00:11:51,400 --> 00:11:49,279

idea that there

287

00:11:53,259 --> 00:11:51,410

got that involves science and the rules

288

00:11:57,819 --> 00:11:53,269

are pretty simple it's got to be less

289

00:12:00,999 --> 00:11:57,829

than 60 seconds and in terms of privacy

290

00:12:02,920 --> 00:12:01,009

we want people to if they've got anyone

291

00:12:05,050 --> 00:12:02,930

who's visually identifiable in there

292

00:12:07,749 --> 00:12:05,060

we've got a consent form for people to

293

00:12:10,299 --> 00:12:07,759

fill in and for people under 18 we've

294

00:12:12,699 --> 00:12:10,309

got a consent form for their parents or

295

00:12:16,480 --> 00:12:12,709

guardians to sign and we also take

296

00:12:18,280 --> 00:12:16,490

copyright seriously we really vet every

297

00:12:21,009 --> 00:12:18,290

video that's uploaded and make sure

298

00:12:24,129 --> 00:12:21,019

there's no infringement of images

299

00:12:25,960 --> 00:12:24,139

copyright or music copyright and what we

300

00:12:28,509 --> 00:12:25,970

suggest is if people want to put music

301
00:12:31,059 --> 00:12:28,519
in their video to enhance it a bit go to

302
00:12:33,759 --> 00:12:31,069
Creative Commons I'm just Google Latin

303
00:12:35,319 --> 00:12:33,769
there's some fabulous free music for

304
00:12:37,269 --> 00:12:35,329
people to put on their videos Richard

305
00:12:39,309 --> 00:12:37,279
yes certainly is there certainly is now

306
00:12:42,009 --> 00:12:39,319
I've been enjoying over the past couple

307
00:12:44,889 --> 00:12:42,019
of weeks every now and then miele takes

308
00:12:47,679 --> 00:12:44,899
a little bit time out and well being a

309
00:12:50,139 --> 00:12:47,689
judge and I suppose I should I viewing

310
00:12:52,689 --> 00:12:50,149
some of these videos and I'm so pleased

311
00:12:54,699 --> 00:12:52,699
that so many younger students are taking

312
00:12:58,030 --> 00:12:54,709
part and some of those videos are so

313
00:12:59,679 --> 00:12:58,040

enjoyable and if this means anything at

314

00:13:01,809 --> 00:12:59,689

all I've certainly learned things

315

00:13:03,850 --> 00:13:01,819

watching these videos i mean there's a

316

00:13:06,490 --> 00:13:03,860

wonderful video but about volcanoes

317

00:13:09,340 --> 00:13:06,500

which I enjoyed very much about how your

318

00:13:13,780 --> 00:13:09,350

sense of smell works it's fascinating

319

00:13:16,540 --> 00:13:13,790

the strength of bridges there's another

320

00:13:19,990 --> 00:13:16,550

video conveying of what are the laws of

321

00:13:23,350 --> 00:13:20,000

motion in a car all day in 60 seconds

322

00:13:26,220 --> 00:13:23,360

it's very exciting and so far what I've

323

00:13:29,889 --> 00:13:26,230

seen I've been very impressed I guess

324

00:13:31,689 --> 00:13:29,899

must give you a good feeling as well yes

325

00:13:34,269 --> 00:13:31,699

is terrific and it's really encouraging

326

00:13:36,069 --> 00:13:34,279

to see people of all ages and especially

327

00:13:38,679 --> 00:13:36,079

the youngsters getting in there and

328

00:13:41,889 --> 00:13:38,689

doing it and that's why we've got lots

329

00:13:44,519 --> 00:13:41,899

of divisions to cater for and all sorts

330

00:13:47,169 --> 00:13:44,529

of entries we've got Best Cinematography

331

00:13:51,400 --> 00:13:47,179

best animation we've got international

332

00:13:53,579 --> 00:13:51,410

open International Junior International

333

00:13:55,809 --> 00:13:53,589

secondary school then we've got

334

00:13:57,879 --> 00:13:55,819

international low fat we want to

335

00:14:00,309 --> 00:13:57,889

encourage people to communicate in their

336

00:14:02,740 --> 00:14:00,319

own language so we've got what's called

337

00:14:04,420 --> 00:14:02,750

a low division languages other than

338

00:14:06,910 --> 00:14:04,430

english so that people can upload their

339

00:14:10,000 --> 00:14:06,920

video in their native language and then

340

00:14:13,000 --> 00:14:10,010

put in subtitles in english for our

341

00:14:14,860 --> 00:14:13,010

English audience an explanation of

342

00:14:17,290 --> 00:14:14,870

what's happening there and then we've

343

00:14:20,110 --> 00:14:17,300

got all the Australian divisions the

344

00:14:22,540 --> 00:14:20,120

Australian Open attracts of four hundred

345

00:14:25,300 --> 00:14:22,550

dollar cash prize and we've got

346

00:14:27,790 --> 00:14:25,310

runners-up prizes and then for the kids

347

00:14:30,760 --> 00:14:27,800

we've got primary and secondary in each

348

00:14:32,650 --> 00:14:30,770

state and territory we've got four

349

00:14:35,560 --> 00:14:32,660

hundred dollar prizes and a

350

00:14:38,350 --> 00:14:35,570

hundred-dollar runner-up prizes for each

351
00:14:40,330 --> 00:14:38,360
state and territory and they're fabulous

352
00:14:43,900 --> 00:14:40,340
prizes cause it's cash the kids do

353
00:14:45,970 --> 00:14:43,910
whatever they like with it and you

354
00:14:48,400 --> 00:14:45,980
mentioned judges you're in very good

355
00:14:51,430 --> 00:14:48,410
company there with the judges so we've

356
00:14:53,890 --> 00:14:51,440
got a fabulous range of judges from once

357
00:14:59,070 --> 00:14:53,900
again all over and from Australia we've

358
00:15:02,650 --> 00:14:59,080
got john mackenzie who's a very well

359
00:15:05,130 --> 00:15:02,660
credentialed judge from melbourne

360
00:15:08,590 --> 00:15:05,140
university latrobe universities a

361
00:15:11,290 --> 00:15:08,600
honorary doctor of laws he's a science

362
00:15:14,650 --> 00:15:11,300
research fellow then we've got a serbian

363
00:15:17,020 --> 00:15:14,660

judge a filmmaker from australia we've

364

00:15:19,480 --> 00:15:17,030

got Charlotte Stoddard a she's a

365

00:15:21,970 --> 00:15:19,490

filmmaker from nature magazine in the UK

366

00:15:27,310 --> 00:15:21,980

we've got that Richard Saunders chappie

367

00:15:31,120 --> 00:15:27,320

from Australia and his collaborator dr.

368

00:15:32,920 --> 00:15:31,130

Rashid unlocked yes in fact I was

369

00:15:35,560 --> 00:15:32,930

chatting to dr. AG about this the other

370

00:15:37,450 --> 00:15:35,570

day and she's very excited she says what

371

00:15:41,079 --> 00:15:37,460

she and I should do one day is run to

372

00:15:44,350 --> 00:15:41,089

our favorite Club have a nice bottle of

373

00:15:46,150 --> 00:15:44,360

red or something and lunch and view all

374

00:15:48,070 --> 00:15:46,160

the videos and I couldn't think of a

375

00:15:50,590 --> 00:15:48,080

better way to spend it afternoon now

376

00:15:53,260 --> 00:15:50,600

this I think this I think is going to be

377

00:15:54,820 --> 00:15:53,270

a very special interest to all the

378

00:15:56,770 --> 00:15:54,830

teachers we have listening to the

379

00:15:59,440 --> 00:15:56,780

skeptic zone because what I've been

380

00:16:01,660 --> 00:15:59,450

viewing so far is certainly a lot of in

381

00:16:04,020 --> 00:16:01,670

the class you know kids in the classroom

382

00:16:07,120 --> 00:16:04,030

or what appears to me in the classroom

383

00:16:09,640 --> 00:16:07,130

demonstrating science and even if they

384

00:16:12,940 --> 00:16:09,650

don't particularly want to be involved

385

00:16:14,410 --> 00:16:12,950

in in putting together a video I think

386

00:16:16,240 --> 00:16:14,420

they can all get something out of it by

387

00:16:19,240 --> 00:16:16,250

viewing them

388

00:16:21,820 --> 00:16:19,250

look the learning that is involved both

389

00:16:23,800 --> 00:16:21,830

in viewing and creating is amazing I'm a

390

00:16:25,180 --> 00:16:23,810

next science teacher myself although I

391

00:16:28,990 --> 00:16:25,190

don't think there's ever such a thing as

392

00:16:32,110 --> 00:16:29,000

a tech science teacher look for the kids

393

00:16:34,450 --> 00:16:32,120

to condense an idea down to 60 seconds

394

00:16:37,570 --> 00:16:34,460

or for anyone to do that it takes a lot

395

00:16:40,120 --> 00:16:37,580

of work it's not easy you really have to

396

00:16:42,550 --> 00:16:40,130

have clarity of thought and really

397

00:16:46,810 --> 00:16:42,560

understand the science to be able to

398

00:16:49,390 --> 00:16:46,820

explain it in 60 seconds and the kids in

399

00:16:51,040 --> 00:16:49,400

a lot of schools the kids have got

400

00:16:53,650 --> 00:16:51,050

hidden in their pocket their little

401
00:16:55,900 --> 00:16:53,660
mobile phone and they just they love

402
00:16:58,870 --> 00:16:55,910
their devices and we encourage teachers

403
00:17:02,440 --> 00:16:58,880
to let the kids to take their mobiles

404
00:17:05,439 --> 00:17:02,450
out and film on their mobile devices and

405
00:17:07,449 --> 00:17:05,449
construct their film that way and that

406
00:17:09,460 --> 00:17:07,459
you know breaks down some of those

407
00:17:12,189 --> 00:17:09,470
berries between teachers and students

408
00:17:14,110 --> 00:17:12,199
when they use their favorite devices for

409
00:17:19,059 --> 00:17:14,120
learning I think that's fantastic and of

410
00:17:22,750 --> 00:17:19,069
course these days one can film and edit

411
00:17:25,960 --> 00:17:22,760
and upload all from your smartphone it's

412
00:17:28,329 --> 00:17:25,970
quite incredible it's fantastic and the

413
00:17:32,800 --> 00:17:28,339

kids understand these technologies very

414

00:17:35,050 --> 00:17:32,810

well now and I did want to mention a

415

00:17:37,900 --> 00:17:35,060

couple of other judges dr. Kiki you'd

416

00:17:41,200 --> 00:17:37,910

know from San Francisco Kirsten Sanford

417

00:17:45,970 --> 00:17:41,210

move this rate Desiree shell from Canada

418

00:17:49,270 --> 00:17:45,980

Vanessa she's a fantastic skeptic and

419

00:17:52,120 --> 00:17:49,280

very prominent in lots of movements over

420

00:17:54,850 --> 00:17:52,130

there on the greater American continent

421

00:17:56,680 --> 00:17:54,860

they've got alum shahe we got dr. Karen

422

00:18:00,370 --> 00:17:56,690

Banda who's just coming here to

423

00:18:02,350 --> 00:18:00,380

Australia in the next few weeks she's

424

00:18:06,370 --> 00:18:02,360

working with Elise Andrew with their I

425

00:18:10,810 --> 00:18:06,380

fls project she's been making some

426

00:18:14,980 --> 00:18:10,820

fantastic videos have been getting lots

427

00:18:16,960 --> 00:18:14,990

of mileage worldwide but our videos here

428

00:18:18,310 --> 00:18:16,970

we've just passed a milestone Richard

429

00:18:21,190 --> 00:18:18,320

we're very pleased with the fact that

430

00:18:23,470 --> 00:18:21,200

the kids and the adults videos have now

431

00:18:27,669 --> 00:18:23,480

been downloaded over a million times so

432

00:18:29,710 --> 00:18:27,679

we feel with come of age finally that's

433

00:18:31,630 --> 00:18:29,720

that's quite impressive but that's a

434

00:18:34,240 --> 00:18:31,640

wonderful achievement and of course

435

00:18:36,750 --> 00:18:34,250

there are more to come now if people are

436

00:18:39,280 --> 00:18:36,760

are interested maybe students especially

437

00:18:42,970 --> 00:18:39,290

teachers at the moment in this whole

438

00:18:45,370 --> 00:18:42,980

project how long do they have before the

439

00:18:48,670 --> 00:18:45,380

deadline approaches we've got a deadline

440

00:18:51,820 --> 00:18:48,680

of the 14th of November to register and

441

00:18:53,740 --> 00:18:51,830

the twentieth of November to upload your

442

00:18:56,230 --> 00:18:53,750

video you can upload it directly to

443

00:18:58,390 --> 00:18:56,240

youtube and then provide the link or you

444

00:19:00,640 --> 00:18:58,400

can upload it directly onto the website

445

00:19:03,760 --> 00:19:00,650

that's been designed by our friends at

446

00:19:06,070 --> 00:19:03,770

turbo web and the ten thousand dollars

447

00:19:07,390 --> 00:19:06,080

is being provided by our sponsor the

448

00:19:10,030 --> 00:19:07,400

department of education and early

449

00:19:12,430 --> 00:19:10,040

childhood development in victoria that

450

00:19:15,580 --> 00:19:12,440

very generously have provided the money

451
00:19:18,070 --> 00:19:15,590
for this competition over the years what

452
00:19:21,010 --> 00:19:18,080
a wonderful endeavor this is because

453
00:19:23,080 --> 00:19:21,020
it's not only helping to spread science

454
00:19:26,950 --> 00:19:23,090
in this country it truly is an

455
00:19:29,500 --> 00:19:26,960
international effort with the science

456
00:19:32,560 --> 00:19:29,510
these kids are presenting going all

457
00:19:34,510 --> 00:19:32,570
around the world you'll be very pleased

458
00:19:36,640 --> 00:19:34,520
I'm sure when you get another million

459
00:19:39,160 --> 00:19:36,650
downloads which let's let's try it and

460
00:19:40,990 --> 00:19:39,170
aim for that another million I think

461
00:19:44,290 --> 00:19:41,000
it's worthwhile that people view these

462
00:19:47,350 --> 00:19:44,300
give me that website once again it's 60

463
00:19:50,500 --> 00:19:47,360

second science net if you just Google

464

00:19:52,360 --> 00:19:50,510

60-second science or Google's science

465

00:19:53,890 --> 00:19:52,370

video competition it comes up as number

466

00:19:55,840 --> 00:19:53,900

one now there you go what could be

467

00:19:57,610 --> 00:19:55,850

easier than that well Brendan I look

468

00:20:01,720 --> 00:19:57,620

forward to viewing some more of these

469

00:20:05,050 --> 00:20:01,730

videos over the coming weeks in due

470

00:20:06,610 --> 00:20:05,060

course applying my thoughts to you but

471

00:20:08,470 --> 00:20:06,620

there is the message folks if you're

472

00:20:10,120 --> 00:20:08,480

interested in science especially if

473

00:20:12,610 --> 00:20:10,130

you're a younger or you're a teacher I

474

00:20:16,370 --> 00:20:12,620

think you should be involved Brendan

475

00:20:27,250 --> 00:20:16,380

O'Brien thank you very much take it rich

476

00:20:31,150 --> 00:20:29,380

be reasonable is a podcast of the

477

00:20:33,370 --> 00:20:31,160

Merseyside skeptics Society featuring

478

00:20:35,440 --> 00:20:33,380

hayley stevens and michael marshall each

479

00:20:37,660 --> 00:20:35,450

monthly interview explores beliefs from

480

00:20:39,190 --> 00:20:37,670

outside of the mainstream engaging with

481

00:20:40,960 --> 00:20:39,200

proponents of those beliefs for examine

482

00:20:43,750 --> 00:20:40,970

the evidence and reasoning behind each

483

00:20:46,000 --> 00:20:43,760

idea in July's episode we speak with

484

00:20:49,390 --> 00:20:46,010

andrew burton from the anti-abortion

485

00:20:51,670 --> 00:20:49,400

activist group 40 days for life listen

486

00:20:53,770 --> 00:20:51,680

to Andy's story and back issues to the

487

00:20:56,140 --> 00:20:53,780

shore by visiting merseyside skeptic

488

00:21:18,850 --> 00:20:56,150

stalked at UK forward slash podcasts or

489

00:21:30,490 --> 00:21:21,620

is kenny chen

490

00:21:36,440 --> 00:21:34,520

well being at the amazing meeting gives

491

00:21:39,020 --> 00:21:36,450

me the chance to actually be sitting

492

00:21:41,510 --> 00:21:39,030

next to one of the u.s. correspondents

493

00:21:43,669 --> 00:21:41,520

Benny Chan hi penny I Richard good to

494

00:21:45,049 --> 00:21:43,679

see you good to see you too i mean i saw

495

00:21:48,200 --> 00:21:45,059

you last week but it was over the video

496

00:21:50,659 --> 00:21:48,210

link yeah in your kitchen yes it's a

497

00:21:52,789 --> 00:21:50,669

good place for it as any it is indeed oh

498

00:21:55,279 --> 00:21:52,799

this place in my house back it's a clean

499

00:21:57,110 --> 00:21:55,289

that's why otherwise I get to look at

500

00:21:59,450 --> 00:21:57,120

all like crap all over my house did you

501
00:22:02,630 --> 00:21:59,460
hear that folks now the world knows

502
00:22:03,860 --> 00:22:02,640
about your house there we go no great

503
00:22:06,260 --> 00:22:03,870
just great to see you here I just saw

504
00:22:09,140 --> 00:22:06,270
your dad he always gone he was running

505
00:22:11,630 --> 00:22:09,150
around just a moment ago yeah and it's a

506
00:22:13,640 --> 00:22:11,640
chance for you and all of us of course

507
00:22:14,990 --> 00:22:13,650
to enjoy everything that tim has to

508
00:22:19,850 --> 00:22:15,000
offer like the great talks and workshops

509
00:22:21,409 --> 00:22:19,860
yeah he's good we just saw um them Randy

510
00:22:23,390 --> 00:22:21,419
and the filmmakers talking about an

511
00:22:24,950 --> 00:22:23,400
honest liar all the documentary yeah

512
00:22:27,169 --> 00:22:24,960
yeah yeah I was really good it was

513
00:22:30,080 --> 00:22:27,179

really really really sweet and Randy

514

00:22:34,360 --> 00:22:30,090

announced how he got married Oh recently

515

00:22:40,130 --> 00:22:37,130

how cute and what else have you ever

516

00:22:42,380 --> 00:22:40,140

seen that here did you only arrived tis

517

00:22:46,789 --> 00:22:42,390

that just yesterday yesterday yeah early

518

00:22:49,909 --> 00:22:46,799

afternoon right and are you going to be

519

00:22:51,590 --> 00:22:49,919

more concentrating on socializing what

520

00:22:54,380 --> 00:22:51,600

do you like to do better tamil or being

521

00:22:56,180 --> 00:22:54,390

in the audience that is a hard question

522

00:22:58,909 --> 00:22:56,190

I was asking myself the same thing

523

00:23:01,940 --> 00:22:58,919

because I love to see all the people

524

00:23:06,049 --> 00:23:01,950

here that I normally only see like on

525

00:23:08,960 --> 00:23:06,059

facebook or on twitter so I'm trying to

526

00:23:11,090 --> 00:23:08,970

decide at each moment should I be out

527

00:23:14,390 --> 00:23:11,100

like talking to people you're trying to

528

00:23:15,860 --> 00:23:14,400

find friends yeah or going to the tux so

529

00:23:17,930 --> 00:23:15,870

I kind of just divided up I look ahead

530

00:23:21,380 --> 00:23:17,940

and see what's the next talk and if I'm

531

00:23:24,409 --> 00:23:21,390

really into it I think I think some of

532

00:23:26,210 --> 00:23:24,419

the same attitude some of the talks I

533

00:23:27,740 --> 00:23:26,220

know the content I've seen before some I

534

00:23:29,750 --> 00:23:27,750

haven't and I'd love to see them and

535

00:23:31,220 --> 00:23:29,760

some of the workshops too but one thing

536

00:23:32,480 --> 00:23:31,230

we didn't mention last week was of

537

00:23:35,060 --> 00:23:32,490

course um

538

00:23:36,980 --> 00:23:35,070

not only I you our reporter in Los

539

00:23:41,030 --> 00:23:36,990

Angeles that you're the chief engineer

540

00:23:43,340 --> 00:23:41,040

on the solar you know my idea for that

541

00:23:47,840 --> 00:23:43,350

is for episode two yes dear live

542

00:23:49,940 --> 00:23:47,850

recording at Tim or something like an

543

00:23:52,460 --> 00:23:49,950

old-fashioned radio play like you know

544

00:23:54,500 --> 00:23:52,470

who sound effects and yeah we could do

545

00:23:56,330 --> 00:23:54,510

like it sound effects yeah I like the

546

00:23:58,190 --> 00:23:56,340

partner script where I ask you to do

547

00:24:01,370 --> 00:23:58,200

something I ring you up on the intercom

548

00:24:03,410 --> 00:24:01,380

you say not you again I forgot about

549

00:24:05,299 --> 00:24:03,420

that see I hadn't listened to it in its

550

00:24:07,669 --> 00:24:05,309

entirety yeah and you did the line

551
00:24:09,350 --> 00:24:07,679
sometimes ago yeah yeah and I just did

552
00:24:11,990 --> 00:24:09,360
them all when I was recording them just

553
00:24:14,000 --> 00:24:12,000
one after the other I didn't know what

554
00:24:15,980 --> 00:24:14,010
when they'd be inserted yeah just kind

555
00:24:18,200 --> 00:24:15,990
of just saying the word I shouldn't be

556
00:24:19,640 --> 00:24:18,210
giving this stuff away everybody'll oh

557
00:24:22,820 --> 00:24:19,650
well that's that's what happens in

558
00:24:26,960 --> 00:24:22,830
production that's right that was good

559
00:24:28,549 --> 00:24:26,970
fun I like to be a part of that yeah you

560
00:24:30,110 --> 00:24:28,559
can you can say now that not only do you

561
00:24:32,120 --> 00:24:30,120
have your own theme music that you were

562
00:24:35,210 --> 00:24:32,130
in a radio plays yeah that's what I tell

563
00:24:37,850 --> 00:24:35,220

people that's what you tell me well I

564

00:24:39,290 --> 00:24:37,860

look forward to the rest of town and I

565

00:24:40,910 --> 00:24:39,300

know you're going to be interviewing

566

00:24:43,370 --> 00:24:40,920

some people along the way flourishing

567

00:24:46,130 --> 00:24:43,380

some people yeah hey nee chan and your

568

00:24:48,020 --> 00:24:46,140

wonderful yellow bright top and smiling

569

00:24:53,120 --> 00:24:48,030

face good to see you good to see you too

570

00:24:58,280 --> 00:24:55,520

so this is penny chan reporting live

571

00:25:01,160 --> 00:24:58,290

from tam at the south point hotel casino

572

00:25:03,320 --> 00:25:01,170

and spa and right now I'm right outside

573

00:25:07,130 --> 00:25:03,330

the kids room so if you hear any

574

00:25:08,780 --> 00:25:07,140

laughter of children that's why so about

575

00:25:10,400 --> 00:25:08,790

two nights ago is hanging out at the

576

00:25:13,490 --> 00:25:10,410

delmar lounge with all the other cool

577

00:25:16,280 --> 00:25:13,500

people and this fellow comes up to me

578

00:25:20,060 --> 00:25:16,290

and he hands me this funny little flip

579

00:25:22,010 --> 00:25:20,070

book and says I'm launching my i'm

580

00:25:24,530 --> 00:25:22,020

launching my new comic strip tonight and

581

00:25:26,930 --> 00:25:24,540

I'd like you to i think what i did you

582

00:25:30,290 --> 00:25:26,940

say i think what i said was actually if

583

00:25:34,130 --> 00:25:30,300

you tweet this i will give you a drink

584

00:25:36,290 --> 00:25:34,140

or a magnet and I think night yes yes

585

00:25:38,150 --> 00:25:36,300

exactly that and he handed me this flip

586

00:25:40,460 --> 00:25:38,160

book and a lovely little magnet that

587

00:25:42,590 --> 00:25:40,470

said carbon dating and I'm like what in

588

00:25:47,420 --> 00:25:42,600

the world is this got into conversation

589

00:25:50,570 --> 00:25:47,430

with Kyle Sanders this is a comic strip

590

00:25:53,180 --> 00:25:50,580

about science and relationships and I

591

00:25:56,810 --> 00:25:53,190

think that's a pretty cute concept I'm a

592

00:25:59,990 --> 00:25:56,820

big fan of XKCD and like phd comics and

593

00:26:03,290 --> 00:26:00,000

other you will love this I like to say

594

00:26:05,930 --> 00:26:03,300

it's a blend of XKCD and how i met your

595

00:26:07,550 --> 00:26:05,940

mother or questionable content if any

596

00:26:10,730 --> 00:26:07,560

readers are familiar with that webcomic

597

00:26:13,220 --> 00:26:10,740

but trying to teach science and

598

00:26:16,130 --> 00:26:13,230

skepticism through the lens of a

599

00:26:18,050 --> 00:26:16,140

romantic relationship and interaction

600

00:26:21,620 --> 00:26:18,060

between the characters rather than just

601
00:26:23,660 --> 00:26:21,630
bluntly explaining it to it to the

602
00:26:25,790 --> 00:26:23,670
audience alright and so what's your

603
00:26:29,030 --> 00:26:25,800
background and we'll talk about yourself

604
00:26:31,640 --> 00:26:29,040
a little bit okay well not a cartoonist

605
00:26:35,120 --> 00:26:31,650
by trade really just told me these are

606
00:26:37,250 --> 00:26:35,130
all amazing illustrations thanks I got

607
00:26:38,930 --> 00:26:37,260
my start in cartooning just as a hobby

608
00:26:41,660 --> 00:26:38,940
at the Air Force Academy where I went to

609
00:26:44,030 --> 00:26:41,670
school I graduates a degree in space

610
00:26:46,490 --> 00:26:44,040
systems engineering and then went on to

611
00:26:50,420 --> 00:26:46,500
pilot training and have been a pilot

612
00:26:52,160 --> 00:26:50,430
near force for four years now and this

613
00:26:53,780 --> 00:26:52,170

has always been on the back burner but

614

00:26:56,960 --> 00:26:53,790

now i'm at the point in my career where

615

00:26:59,930 --> 00:26:56,970

I can have the time to pursue this I've

616

00:27:02,750 --> 00:26:59,940

been taking a week off every month to to

617

00:27:05,340 --> 00:27:02,760

get the comic strips done but I've moved

618

00:27:07,860 --> 00:27:05,350

to Little Rock via texts

619

00:27:10,350 --> 00:27:07,870

bastions of science you know either

620

00:27:12,900 --> 00:27:10,360

places she grew up in Texas I grew up

621

00:27:14,880 --> 00:27:12,910

all over the country ok but I was

622

00:27:16,919 --> 00:27:14,890

stationed in Oklahoma Texas and Arkansas

623

00:27:20,250 --> 00:27:16,929

which for those of you in Australia

624

00:27:23,460 --> 00:27:20,260

right in the middle and not exactly the

625

00:27:27,750 --> 00:27:23,470

most scientifically literate states so

626
00:27:30,060 --> 00:27:27,760
to meet other science fans and and other

627
00:27:32,130 --> 00:27:30,070
geeks i founded Little Rock skeptics in

628
00:27:35,900 --> 00:27:32,140
the pub which I've been hosting with my

629
00:27:40,020 --> 00:27:35,910
co-host been bell for three years now

630
00:27:41,159 --> 00:27:40,030
that's very cool um so this is aris you

631
00:27:43,860 --> 00:27:41,169
mentioned there's just there's an arc

632
00:27:46,140 --> 00:27:43,870
actually and within it or there's yeah

633
00:27:48,659 --> 00:27:46,150
so the it has an ongoing plot arc it is

634
00:27:51,899 --> 00:27:48,669
a comic strip it comes out twice a week

635
00:27:54,510 --> 00:27:51,909
on Tuesdays and Fridays so when you

636
00:27:58,470 --> 00:27:54,520
better give that yes carbon comic com

637
00:27:59,880 --> 00:27:58,480
okay if they come out each one's a

638
00:28:02,070 --> 00:27:59,890

four-panel strip that comes out on its

639

00:28:03,480 --> 00:28:02,080

own but there's a you know character

640

00:28:07,220 --> 00:28:03,490

development in a plot arc that

641

00:28:10,380 --> 00:28:07,230

originally was about a single guy who

642

00:28:12,029 --> 00:28:10,390

met a lot of irrational women and each

643

00:28:15,360 --> 00:28:12,039

rational woman explained a different

644

00:28:17,940 --> 00:28:15,370

concept in pseudo science but then I met

645

00:28:20,340 --> 00:28:17,950

a girl a long-term friend of mine who

646

00:28:22,399 --> 00:28:20,350

wound up moving in and taking care of my

647

00:28:24,659 --> 00:28:22,409

dog while I deployed for four months and

648

00:28:28,169 --> 00:28:24,669

during that four months I rewrote the

649

00:28:29,909 --> 00:28:28,179

entire thing to incorporate incorporate

650

00:28:33,450 --> 00:28:29,919

that budding relationship and that

651
00:28:35,430 --> 00:28:33,460
became carbon dating so it's oh is it a

652
00:28:40,320 --> 00:28:35,440
lot based on real life that I could take

653
00:28:42,390 --> 00:28:40,330
up now my wife she she wouldn't want you

654
00:28:44,010 --> 00:28:42,400
to know how much of it is about her but

655
00:28:46,080 --> 00:28:44,020
we actually got married a few weeks ago

656
00:28:48,270 --> 00:28:46,090
and we're here on our honeymoon so I

657
00:28:50,789 --> 00:28:48,280
didn't know that it's can I didn't want

658
00:28:54,270 --> 00:28:50,799
to give it away but that the comic has

659
00:28:56,070 --> 00:28:54,280
of a happy direction they do get

660
00:28:58,799 --> 00:28:56,080
together it's not a will they won't they

661
00:29:00,990 --> 00:28:58,809
but yeah she's she's great and

662
00:29:03,510 --> 00:29:01,000
supportive and a lot of what she says

663
00:29:06,510 --> 00:29:03,520

goes straight into her character in the

664

00:29:09,180 --> 00:29:06,520

book good um you said you mentioned some

665

00:29:10,830 --> 00:29:09,190

online dating stuff as well which i

666

00:29:13,200 --> 00:29:10,840

think is an interesting concept

667

00:29:15,420 --> 00:29:13,210

because every person you ask will have a

668

00:29:17,370 --> 00:29:15,430

different take on what they you know

669

00:29:19,470 --> 00:29:17,380

well an online dating is just so common

670

00:29:21,660 --> 00:29:19,480

now for friends of mine you know Air

671

00:29:23,460 --> 00:29:21,670

Force guys that just don't have time to

672

00:29:25,380 --> 00:29:23,470

get out there and a lot of friends I

673

00:29:28,110 --> 00:29:25,390

know have done that which i think is

674

00:29:30,450 --> 00:29:28,120

another interesting way because you so

675

00:29:31,950 --> 00:29:30,460

easily can you read their interests and

676

00:29:34,610 --> 00:29:31,960

as soon as crystal healing comes up

677

00:29:37,170 --> 00:29:34,620

you're like well not next you know

678

00:29:39,300 --> 00:29:37,180

whatever I see somebody like because I

679

00:29:41,430 --> 00:29:39,310

did online dating and somebody would

680

00:29:43,110 --> 00:29:41,440

give their myers-briggs personality test

681

00:29:45,870 --> 00:29:43,120

thing right on the first line I'm like

682

00:29:48,060 --> 00:29:45,880

nope next one idiot can do okay not an

683

00:29:50,160 --> 00:29:48,070

idiot okay I mean I'm just like no kid

684

00:29:53,880 --> 00:29:50,170

kid and I think the point is that even

685

00:29:55,680 --> 00:29:53,890

those who who you can screen up front

686

00:29:57,150 --> 00:29:55,690

for those kinds of things everybody's

687

00:30:00,480 --> 00:29:57,160

irrational about something so each

688

00:30:03,120 --> 00:30:00,490

character has their own expertise if

689

00:30:06,240 --> 00:30:03,130

there's an athlete a barista and all

690

00:30:08,700 --> 00:30:06,250

these other aspects that they each bring

691

00:30:10,290 --> 00:30:08,710

in their own pseudoscience that that the

692

00:30:13,890 --> 00:30:10,300

main character has to then address

693

00:30:15,900 --> 00:30:13,900

eventually but it just is wide open for

694

00:30:17,820 --> 00:30:15,910

the long haul the next couple years this

695

00:30:20,190 --> 00:30:17,830

will be my pet project and I'm launching

696

00:30:25,170 --> 00:30:20,200

it right now at tam so that's exciting

697

00:30:27,240 --> 00:30:25,180

what a great place to plug it and so you

698

00:30:30,180 --> 00:30:27,250

save got about the book you said has 50

699

00:30:32,280 --> 00:30:30,190

yeah I made a little preview just comic

700

00:30:34,920 --> 00:30:32,290

strip book to show folks with the first

701
00:30:36,990 --> 00:30:34,930
50 comics I've got you know almost the

702
00:30:38,370 --> 00:30:37,000
first book completed but they go up two

703
00:30:41,070 --> 00:30:38,380
at a time so i think there's about a

704
00:30:44,370 --> 00:30:41,080
dozen online right now and you know to

705
00:30:46,680 --> 00:30:44,380
every week on going so the whole idea is

706
00:30:50,490 --> 00:30:46,690
that i could then put these on an ibook

707
00:30:52,020 --> 00:30:50,500
or a download that those who are really

708
00:30:53,790 --> 00:30:52,030
into it and want to read ahead and don't

709
00:30:55,320 --> 00:30:53,800
want to wait a couple months could just

710
00:30:58,440 --> 00:30:55,330
download it for a few dollars and then

711
00:31:00,390 --> 00:30:58,450
that'll go to a charity some kind of a

712
00:31:02,430 --> 00:31:00,400
science education charity yeah to be

713
00:31:03,690 --> 00:31:02,440

determined so do you got any swag up

714

00:31:05,669 --> 00:31:03,700

online t-shirt

715

00:31:09,149 --> 00:31:05,679

the other side then met no not yet I

716

00:31:10,889 --> 00:31:09,159

haven't really with webcomics you have

717

00:31:13,500 --> 00:31:10,899

to just build a fan base before you can

718

00:31:14,940 --> 00:31:13,510

ever monetize and I'm I have a career so

719

00:31:18,870 --> 00:31:14,950

I'm not really interested in that so

720

00:31:21,120 --> 00:31:18,880

much is just the awareness yeah at least

721

00:31:23,070 --> 00:31:21,130

until I time and air forces up and then

722

00:31:26,220 --> 00:31:23,080

who knows well thank you for speaking

723

00:31:28,080 --> 00:31:26,230

with me Kyle it was I'm so glad that you

724

00:31:31,139 --> 00:31:28,090

can't approached me and all the other

725

00:31:33,299 --> 00:31:31,149

people at the delmar it's great it's

726

00:31:36,210 --> 00:31:33,309

just so exciting to meet all these other

727

00:31:38,340 --> 00:31:36,220

skeptics here's just my crowd and no

728

00:31:41,070 --> 00:31:38,350

wait how did you find out about Tim oh I

729

00:31:43,110 --> 00:31:41,080

I mean I originally went to skeptic on

730

00:31:45,480 --> 00:31:43,120

to ok and I was involved in a lot of

731

00:31:48,899 --> 00:31:45,490

community building but skeptic on to

732

00:31:50,940 --> 00:31:48,909

gotten that was my calling and that's

733

00:31:53,669 --> 00:31:50,950

where I drew the first characters for

734

00:31:56,490 --> 00:31:53,679

this and have been waiting ever since to

735

00:31:58,080 --> 00:31:56,500

kind of show it to the world but Tam I

736

00:32:00,090 --> 00:31:58,090

mean who doesn't know about tams it's a

737

00:32:02,190 --> 00:32:00,100

skeptic it's it's fantastic my first

738

00:32:04,620 --> 00:32:02,200

time coming but it's exciting and I'm

739

00:32:06,750 --> 00:32:04,630

just enthusiastic that I have magnets to

740

00:32:09,389 --> 00:32:06,760

give away its I've have you been giving

741

00:32:10,529 --> 00:32:09,399

out a lot though I mean I I didn't make

742

00:32:12,779 --> 00:32:10,539

that many its just a conversation

743

00:32:14,789 --> 00:32:12,789

starter really but it's been a lot of

744

00:32:17,509 --> 00:32:14,799

fun and folks seem to like it which is

745

00:32:19,980 --> 00:32:17,519

great it's you know a little bit of a

746

00:32:22,649 --> 00:32:19,990

validation for me to see people laughing

747

00:32:24,750 --> 00:32:22,659

in my comic that I've been planning for

748

00:32:26,610 --> 00:32:24,760

so long I really hope it takes up what's

749

00:32:29,639 --> 00:32:26,620

that website one more time karbonn

750

00:32:32,220 --> 00:32:29,649

comecomecome easy to remember mm-hmm

751

00:32:33,750 --> 00:32:32,230

Carbon Copy com Kyle thank you for

752

00:32:35,549 --> 00:32:33,760

speaking well thanks so much for having

753

00:32:38,280 --> 00:32:35,559

been penny with a penny for your

754

00:32:38,290 --> 00:32:46,320

you

755

00:32:52,570 --> 00:32:50,080

hi this is scary papi i am ross Fletcher

756

00:32:56,019 --> 00:32:52,580

okay Ross hey we're from a podcast

757

00:32:57,760 --> 00:32:56,029

called oh no Ross and Carrie we find out

758

00:32:59,140 --> 00:32:57,770

what happens when you show up and ask

759

00:33:01,390 --> 00:32:59,150

questions we've hung out with the

760

00:33:03,970 --> 00:33:01,400

Cabalists the Mormons we've gone and

761

00:33:06,370 --> 00:33:03,980

gotten ear candle gone to the Sikhs we

762

00:33:08,019 --> 00:33:06,380

show up so you don't have to so find out

763

00:33:10,149 --> 00:33:08,029

where we're going next we'll even have

764

00:33:12,549 --> 00:33:10,159

special episodes where we have famous

765

00:33:14,529 --> 00:33:12,559

guests like Brian Dalton from mr. deity

766

00:33:16,570 --> 00:33:14,539

you heard that awesome theme music he

767

00:33:20,740 --> 00:33:16,580

wrote that you should come visit us at

768

00:33:23,919 --> 00:33:20,750

Oh No podcast.com or facebook.com slash

769

00:33:27,789 --> 00:33:23,929

on rack what the hell's on a cross Oh in

770

00:33:28,690 --> 00:33:27,799

RAC Oh Oh No Ross and Carrie that's our

771

00:33:30,580 --> 00:33:28,700

show

772

00:33:32,830 --> 00:33:30,590

come join us

773

00:33:34,720 --> 00:33:32,840

that music Ross that music it's

774

00:33:36,850 --> 00:33:34,730

fantastic written by Brian Keith Dalton

775

00:33:39,310 --> 00:33:36,860

Mr D dear Esther DD that's right it's

776

00:33:41,320 --> 00:33:39,320

Ross blotchy from oh no Ross and Carrie

777

00:33:43,750 --> 00:33:41,330

oh hello hello we here in Los Angeles

778

00:33:46,330 --> 00:33:43,760

having a great dinner with the local

779

00:33:48,310 --> 00:33:46,340

skeptics here the IIT yeah a good

780

00:33:49,779 --> 00:33:48,320

turnout today good turnout I'm really

781

00:33:51,279 --> 00:33:49,789

having a good time and I'm so pleased to

782

00:33:52,750 --> 00:33:51,289

see you I saw you at the amazing meeting

783

00:33:54,549 --> 00:33:52,760

but we hardly had time to say hello yeah

784

00:33:56,799 --> 00:33:54,559

very briefly you gave an excellent talk

785

00:33:59,470 --> 00:33:56,809

there oh that's great we enjoyed it

786

00:34:01,899 --> 00:33:59,480

here's your money thank you that's right

787

00:34:06,430 --> 00:34:01,909

and the money is nicely folded into some

788

00:34:10,889 --> 00:34:06,440

origami it is she now I remember was it

789

00:34:13,480 --> 00:34:10,899

to tams ago or three I don't remember

790

00:34:16,419 --> 00:34:13,490

how many were together taking you and

791

00:34:18,310 --> 00:34:16,429

carry up to my room yeah well your room

792

00:34:20,290 --> 00:34:18,320

yes that's right and you said we've got

793

00:34:22,540 --> 00:34:20,300

a new podcast and I said great i'd like

794

00:34:25,030 --> 00:34:22,550

to envy you that it would've been two

795

00:34:27,879 --> 00:34:25,040

years ago that's right yeah 2011 cuz we

796

00:34:30,070 --> 00:34:27,889

just created was brand new and I and

797

00:34:31,780 --> 00:34:30,080

yeah you your day interviewed us at that

798

00:34:32,859 --> 00:34:31,790

time and we just had a few episodes

799

00:34:35,260 --> 00:34:32,869

under our belt we'd already gotten

800

00:34:36,579 --> 00:34:35,270

started with the Mormons yeah and I in

801
00:34:38,349 --> 00:34:36,589
the two years since then we've been

802
00:34:40,690 --> 00:34:38,359
doing a new investigation every month on

803
00:34:41,980 --> 00:34:40,700
average we've always got a bunch going

804
00:34:43,899 --> 00:34:41,990
on at any given time because you never

805
00:34:46,570 --> 00:34:43,909
know what's gonna be ready it's it's

806
00:34:48,339 --> 00:34:46,580
staggering because i love the philosophy

807
00:34:50,379 --> 00:34:48,349
you did this crazy stuff so we don't

808
00:34:52,000 --> 00:34:50,389
have to right that's yeah that's right

809
00:34:54,520 --> 00:34:52,010
we put ourselves through some

810
00:34:56,379 --> 00:34:54,530
uncomfortable situations and that report

811
00:34:57,970 --> 00:34:56,389
back so you can avoid that in the two

812
00:34:59,740 --> 00:34:57,980
years and you've been doing it there

813
00:35:01,710 --> 00:34:59,750

must be some interesting things that

814

00:35:06,400 --> 00:35:01,720

happened to you some highlights oh yeah

815

00:35:08,380 --> 00:35:06,410

boy let us start run yeah you know we've

816

00:35:10,120 --> 00:35:08,390

joined religions we've gone out of the

817

00:35:12,700 --> 00:35:10,130

desert to get baptized into an alien

818

00:35:15,490 --> 00:35:12,710

cult and we've put ourselves through

819

00:35:18,280 --> 00:35:15,500

various like fad diet CEO juice cleanses

820

00:35:22,780 --> 00:35:18,290

and the Master Cleanse and I've gotten

821

00:35:24,400 --> 00:35:22,790

oh what a colon hydrotherapy also it's

822

00:35:26,450 --> 00:35:24,410

very uncomfortable was one of the ones

823

00:35:29,000 --> 00:35:26,460

that cry

824

00:35:31,520 --> 00:35:29,010

um what's the word stag me a little bit

825

00:35:33,710 --> 00:35:31,530

I guess was there was a photograph and

826

00:35:35,359 --> 00:35:33,720

an accompanying episode where Carrie was

827

00:35:37,400 --> 00:35:35,369

trying some sort of breast enlargement

828

00:35:40,070 --> 00:35:37,410

oh yeah that's right and when it came

829

00:35:41,960 --> 00:35:40,080

out I looked at the birth of what yes

830

00:35:43,670 --> 00:35:41,970

speaking of uncomfortable situations you

831

00:35:45,940 --> 00:35:43,680

know for one episode we thought you know

832

00:35:48,290 --> 00:35:45,950

let's try to grow our boobs and penises

833

00:35:51,609 --> 00:35:48,300

not only one of us has a penis and only

834

00:35:55,190 --> 00:35:51,619

one of us has boobs to squeak out really

835

00:35:57,680 --> 00:35:55,200

yeah so so she got to put the large pump

836

00:36:00,200 --> 00:35:57,690

that's what you saw these funny things

837

00:36:03,109 --> 00:36:00,210

on it is yeah these suction cups we're

838

00:36:04,849 --> 00:36:03,119

trying to draw her breasts into them you

839

00:36:07,339 --> 00:36:04,859

she tried it briefly on me it's

840

00:36:10,820 --> 00:36:07,349

uncomfortable so I I felt her pain I was

841

00:36:13,660 --> 00:36:10,830

also briefly but not only to do that but

842

00:36:17,599 --> 00:36:13,670

to be comfortable enough to pose for the

843

00:36:19,370 --> 00:36:17,609

picture yeah yeah I I wore something on

844

00:36:21,290 --> 00:36:19,380

my dangly bits but i didn't i didn't

845

00:36:23,930 --> 00:36:21,300

post any photos of it you're gonna spare

846

00:36:25,880 --> 00:36:23,940

everybody yeah they were that i need to

847

00:36:27,620 --> 00:36:25,890

see that what are the medical things are

848

00:36:29,450 --> 00:36:27,630

you gone through all those you can call

849

00:36:30,859 --> 00:36:29,460

that a mythical figure yeah i guess it

850

00:36:32,839 --> 00:36:30,869

would be there were a lot of pills to go

851
00:36:35,900 --> 00:36:32,849
with that as well alright for male

852
00:36:38,210 --> 00:36:35,910
enhancement yeah just to spoil that none

853
00:36:40,250 --> 00:36:38,220
of them worked for either of us so yes

854
00:36:42,710 --> 00:36:40,260
so much for that whole idea medical

855
00:36:44,839 --> 00:36:42,720
stuff we'll certainly the colon

856
00:36:48,430 --> 00:36:44,849
hydrotherapy you know where they put a

857
00:36:50,930 --> 00:36:48,440
bunch of water up your back-end yes

858
00:36:53,450 --> 00:36:50,940
trying to keep gracious way to say these

859
00:36:55,700 --> 00:36:53,460
things let's see medical stuff i

860
00:36:58,280 --> 00:36:55,710
remember when i did my first juice

861
00:37:00,109 --> 00:36:58,290
cleanse Harriet Hall wrote a comment and

862
00:37:02,150 --> 00:37:00,119
said you know really you shouldn't be

863
00:37:05,030 --> 00:37:02,160

doing these sorts of things is it this

864

00:37:07,070 --> 00:37:05,040

is dangerous but we kept it to three

865

00:37:08,900 --> 00:37:07,080

days of drinking nothing but juice and

866

00:37:10,940 --> 00:37:08,910

you know after three days you better

867

00:37:15,109 --> 00:37:10,950

start seeking medical consent from a dog

868

00:37:19,880 --> 00:37:15,119

how did you feel um very hungry a little

869

00:37:21,829 --> 00:37:19,890

lightheaded maybe i would say i didn't

870

00:37:23,089 --> 00:37:21,839

feel like i was at my strongest i

871

00:37:25,310 --> 00:37:23,099

wouldn't want to go out and run for

872

00:37:27,050 --> 00:37:25,320

miles or go to the gym and i did try

873

00:37:28,640 --> 00:37:27,060

that the last day i tried going to gym

874

00:37:31,130 --> 00:37:28,650

just see if i can induce a headache or

875

00:37:33,109 --> 00:37:31,140

something yeah because yeah it's just

876

00:37:35,430 --> 00:37:33,119

feeling like my body was surviving

877

00:37:39,210 --> 00:37:35,440

rather than you know thriving

878

00:37:41,790 --> 00:37:39,220

wow wow I could I can't well you do it

879

00:37:44,370 --> 00:37:41,800

so I don't have right yeah so we try to

880

00:37:46,319 --> 00:37:44,380

report back and and share all the funny

881

00:37:48,870 --> 00:37:46,329

parts about our interactions with people

882

00:37:50,280 --> 00:37:48,880

and for example for that one you know

883

00:37:52,079 --> 00:37:50,290

that's it's not an extraordinary claim

884

00:37:54,329 --> 00:37:52,089

that if you consume less calories that

885

00:37:55,829 --> 00:37:54,339

you will lose weight but they also will

886

00:37:57,690 --> 00:37:55,839

say that you're gonna lose toxins

887

00:38:00,000 --> 00:37:57,700

alright you give his toxins out

888

00:38:02,339 --> 00:38:00,010

everybody so what's that so yeah we

889

00:38:04,740 --> 00:38:02,349

talked to a detox counselor who happened

890

00:38:07,260 --> 00:38:04,750

to be a psychotherapist who was just you

891

00:38:10,650 --> 00:38:07,270

know for the summer she was moonlighting

892

00:38:12,300 --> 00:38:10,660

as a detox counselor and you know she

893

00:38:14,700 --> 00:38:12,310

started saying all these kind of random

894

00:38:16,349 --> 00:38:14,710

things about oh man made substances we

895

00:38:18,839 --> 00:38:16,359

said well does that mean lead or mercury

896

00:38:20,309 --> 00:38:18,849

or heavy metals oh no no nothing like

897

00:38:21,900 --> 00:38:20,319

that just you know bad things that

898

00:38:24,750 --> 00:38:21,910

accumulate in the body oh well what are

899

00:38:26,550 --> 00:38:24,760

those you can't get a solid answer yeah

900

00:38:27,829 --> 00:38:26,560

it turns out yet it doesn't mean

901
00:38:31,319 --> 00:38:27,839
anything i didn't know themselves

902
00:38:34,260 --> 00:38:31,329
exactly do you get helpful suggestions

903
00:38:37,020 --> 00:38:34,270
from listeners oh yes yeah we've always

904
00:38:37,890 --> 00:38:37,030
got a stream of suggestions coming out

905
00:38:39,960 --> 00:38:37,900
of things that we could investigate

906
00:38:42,300 --> 00:38:39,970
maybe ones that people are familiar with

907
00:38:44,010 --> 00:38:42,310
or their family members are and so many

908
00:38:46,020 --> 00:38:44,020
of their recommendations have turned

909
00:38:47,819 --> 00:38:46,030
into our episodes we have a long list

910
00:38:50,430 --> 00:38:47,829
the list that could last us another you

911
00:38:51,960 --> 00:38:50,440
know five years and and so sometimes

912
00:38:54,599 --> 00:38:51,970
it's already on there sometimes we'll

913
00:38:56,730 --> 00:38:54,609

add a new thing what's coming up in the

914

00:38:59,099 --> 00:38:56,740

near future okay well let's see right

915

00:39:01,200 --> 00:38:59,109

now we've joined a group I don't want to

916

00:39:03,780 --> 00:39:01,210

give too much away but it's a i like to

917

00:39:05,730 --> 00:39:03,790

say they're kind of like Satanist how

918

00:39:08,849 --> 00:39:05,740

can you be kind of like to say well yeah

919

00:39:10,859 --> 00:39:08,859

it's all I was raised in an evangelical

920

00:39:12,750 --> 00:39:10,869

Christian household and it's everything

921

00:39:15,180 --> 00:39:12,760

my pastors ever warned me about i think

922

00:39:17,190 --> 00:39:15,190

the christians want to think is going on

923

00:39:20,130 --> 00:39:17,200

in dark cellars somewhere that people

924

00:39:22,530 --> 00:39:20,140

are you know naked and carrying you know

925

00:39:24,240 --> 00:39:22,540

curved blades and and doing you know

926

00:39:26,040 --> 00:39:24,250

wearing black robes and you know creepy

927

00:39:27,780 --> 00:39:26,050

stuff like that it was all the stuff

928

00:39:29,010 --> 00:39:27,790

that wow this is you know in the chick

929

00:39:31,170 --> 00:39:29,020

tracts i don't know if you've ever seen

930

00:39:33,599 --> 00:39:31,180

those Oh Jack chick is famous I guess in

931

00:39:35,339 --> 00:39:33,609

America yeah yeah cartoonist yeah of

932

00:39:37,710 --> 00:39:35,349

course yeah this is over the top Chris

933

00:39:39,930 --> 00:39:37,720

you know that's his father it was big

934

00:39:41,280 --> 00:39:39,940

daddy is his most famous one without

935

00:39:41,740 --> 00:39:41,290

even though yeah there's something new

936

00:39:46,180 --> 00:39:41,750

you

937

00:39:49,330 --> 00:39:46,190

his fever dreams that he would assume

938

00:39:50,920 --> 00:39:49,340

that do you know cloak did robed dark

939

00:39:51,940 --> 00:39:50,930

Satanists are doing no they don't call

940

00:39:54,310 --> 00:39:51,950

themselves sickness but they think

941

00:39:55,600 --> 00:39:54,320

Lucifer is a being of light anyways

942

00:39:58,240 --> 00:39:55,610

that's an upcoming one that'll be

943

00:40:02,290 --> 00:39:58,250

that'll be fun we've also been going to

944

00:40:03,850 --> 00:40:02,300

some 911 truth or meetings Wow and

945

00:40:05,860 --> 00:40:03,860

that's fun to sit there oh my goodness

946

00:40:07,150 --> 00:40:05,870

do they bicker and bicker it's a bunch a

947

00:40:09,070 --> 00:40:07,160

bunch of adults just yelling at each

948

00:40:11,470 --> 00:40:09,080

other and it over each other really for

949

00:40:14,650 --> 00:40:11,480

four and a half hours so again we do

950

00:40:16,660 --> 00:40:14,660

this you don't have to thank you you're

951
00:40:18,460 --> 00:40:16,670
welcome behalf of the world thanks your

952
00:40:19,930 --> 00:40:18,470
Walker and I'm delighted to say that you

953
00:40:23,020 --> 00:40:19,940
have a good list of the ship in

954
00:40:25,600 --> 00:40:23,030
Australia yeah I was just gone yeah that

955
00:40:27,490 --> 00:40:25,610
I think we have over 600 at least you

956
00:40:29,380 --> 00:40:27,500
know and that range of listeners from

957
00:40:32,530 --> 00:40:29,390
Australia so a lot of listeners in

958
00:40:34,240 --> 00:40:32,540
common and thank you for spreading the

959
00:40:36,670 --> 00:40:34,250
word about us absolutely now I'm

960
00:40:38,290 --> 00:40:36,680
delighted to Chris skeptics and Lissa's

961
00:40:41,590 --> 00:40:38,300
know every now and then we play the

962
00:40:43,480 --> 00:40:41,600
music and on comes the oh no unlike you

963
00:40:45,580 --> 00:40:43,490

know and how is Carrie we haven't seen

964

00:40:47,590 --> 00:40:45,590

it here oh I didn't see her tam and

965

00:40:50,410 --> 00:40:47,600

she's not here tonight but I did catch

966

00:40:52,150 --> 00:40:50,420

up with her in Manchester earlier near

967

00:40:53,890 --> 00:40:52,160

she was at the QED conference oh yeah

968

00:40:55,630 --> 00:40:53,900

that's right we said hello then it was

969

00:40:56,980 --> 00:40:55,640

great to see it she's doing well I she

970

00:40:58,780 --> 00:40:56,990

is doing well you know and not just

971

00:41:00,550 --> 00:40:58,790

she's not on the meetup group I told her

972

00:41:02,110 --> 00:41:00,560

tonight about this thing I said oh

973

00:41:03,280 --> 00:41:02,120

should I love Richard I would have loved

974

00:41:05,560 --> 00:41:03,290

to have been there but she already had

975

00:41:07,450 --> 00:41:05,570

plans work with some friends but she

976
00:41:09,700 --> 00:41:07,460
sends her greetings hey Dad yeah we're

977
00:41:11,230 --> 00:41:09,710
big fans of yours as well so I you do

978
00:41:13,360 --> 00:41:11,240
lots of good work there in Australia

979
00:41:15,760 --> 00:41:13,370
Thanks well there are folks if you got

980
00:41:17,740 --> 00:41:15,770
something crazy and weird that you

981
00:41:20,430 --> 00:41:17,750
really don't want to do the folks to

982
00:41:22,730 --> 00:41:20,440
caller Ross and Carrie at owner Russian

983
00:41:25,530 --> 00:41:22,740
that's in the website is Oh No

984
00:41:28,859 --> 00:41:25,540
podcast.com Russ blood show thank you

985
00:41:30,900 --> 00:41:28,869
very much thank you Richard oh no Ross

986
00:41:37,589 --> 00:41:30,910
and Carrie that's our show that's a

987
00:41:40,349 --> 00:41:37,599
smart come join us hi this is brian

988
00:41:44,520 --> 00:41:40,359

dunning from the sceptile cast ATS kept

989

00:41:46,740 --> 00:41:44,530

I calm for 15 years now dr. Bob's trivia

990

00:41:49,500 --> 00:41:46,750

quiz has been a part of Australian

991

00:41:52,290 --> 00:41:49,510

skeptics each month the mysterious dr.

992

00:41:55,109 --> 00:41:52,300

Bob comes up with questions that defy

993

00:41:57,540 --> 00:41:55,119

all logic and reason only the best of

994

00:42:00,420 --> 00:41:57,550

the best dare attempt to answer these

995

00:42:04,200 --> 00:42:00,430

brain twisters and no google won't help

996

00:42:09,390 --> 00:42:04,210

you visit dr. bob's quiz wordpress.com

997

00:42:11,609 --> 00:42:09,400

that's dr be OBS quiz wordpress.com to

998

00:42:14,849 --> 00:42:11,619

take part and to see the complete

999

00:42:26,609 --> 00:42:14,859

archive of dr. bob's trivia quiz I'm

1000

00:42:28,710 --> 00:42:26,619

Brian Dunning from sceptile com welcome

1001
00:42:31,410 --> 00:42:28,720
to a week in science from our iOS

1002
00:42:34,109 --> 00:42:31,420
bringing you the science news in need to

1003
00:42:36,990 --> 00:42:34,119
know this week in science news we saw a

1004
00:42:40,050 --> 00:42:37,000
new sustainable prawn feed are we losing

1005
00:42:45,329 --> 00:42:40,060
the battle with drugs in sport and does

1006
00:42:50,739 --> 00:42:48,370
the old wives tale that a full moon

1007
00:42:52,929 --> 00:42:50,749
affects your behavior may actually have

1008
00:42:55,359 --> 00:42:52,939
an element of truth to it a Swiss study

1009
00:42:57,819 --> 00:42:55,369
measured brain patterns of volunteers as

1010
00:43:00,159 --> 00:42:57,829
they slept in a lab along with their eye

1011
00:43:02,199 --> 00:43:00,169
movements and hormone secretions and

1012
00:43:04,899 --> 00:43:02,209
what do you know when there was a full

1013
00:43:06,909 --> 00:43:04,909

moon deep sleep Bain activity dropped by

1014

00:43:09,699 --> 00:43:06,919

thirty percent they took five minutes

1015

00:43:12,549 --> 00:43:09,709

longer to fall asleep and slept for 20

1016

00:43:14,259 --> 00:43:12,559

minutes less overall also levels of

1017

00:43:16,659 --> 00:43:14,269

melatonin that's the hormone that

1018

00:43:19,059 --> 00:43:16,669

regulates sleep cycles decreased when

1019

00:43:21,549 --> 00:43:19,069

there was a full moon all this happened

1020

00:43:25,870 --> 00:43:21,559

despite the volunteers not knowing the

1021

00:43:28,659 --> 00:43:25,880

phase of the moon it looks like our

1022

00:43:31,479 --> 00:43:28,669

battle against drugs in sport is doomed

1023

00:43:33,429 --> 00:43:31,489

to fail research from the University of

1024

00:43:36,249 --> 00:43:33,439

Adelaide shows that the cost of testing

1025

00:43:38,890 --> 00:43:36,259

athletes is so high and the probability

1026

00:43:40,899 --> 00:43:38,900

of detection so low that sports

1027

00:43:43,239 --> 00:43:40,909

authorities can't properly tackle the

1028

00:43:45,039 --> 00:43:43,249

problem researchers looked at 93

1029

00:43:47,620 --> 00:43:45,049

different sports and estimated that a

1030

00:43:49,839 --> 00:43:47,630

drug-using athlete tested 12 times per

1031

00:43:52,779 --> 00:43:49,849

year only has a thirty three percent

1032

00:43:54,699 --> 00:43:52,789

chance of being picked up to detect one

1033

00:43:58,269 --> 00:43:54,709

hundred percent of doping we would have

1034

00:44:01,659 --> 00:43:58,279

to test each athlete 16 to 50 times per

1035

00:44:04,329 --> 00:44:01,669

year costing about 25 thousand dollars

1036

00:44:06,489 --> 00:44:04,339

which is obviously not sustainable

1037

00:44:09,759 --> 00:44:06,499

you're listening to a week in science

1038

00:44:14,620 --> 00:44:09,769

from RI oz and now for science headlines

1039

00:44:17,709 --> 00:44:14,630

in 30 seconds rather than using fish to

1040

00:44:20,319 --> 00:44:17,719

feed farmed prawns CSIRO has developed a

1041

00:44:22,179 --> 00:44:20,329

more sustainable new food queenless

1042

00:44:24,130 --> 00:44:22,189

honey bees still show allegiance to

1043

00:44:26,130 --> 00:44:24,140

their hive by defending and feeding the

1044

00:44:28,569 --> 00:44:26,140

colony rather than going it alone

1045

00:44:31,569 --> 00:44:28,579

graphene has been engineered to have a

1046

00:44:34,079 --> 00:44:31,579

higher energy density creating a compact

1047

00:44:37,059 --> 00:44:34,089

and efficient way to store energy and

1048

00:44:39,880 --> 00:44:37,069

monogamy in primates may have evolved to

1049

00:44:43,959 --> 00:44:39,890

reduce the threats of infant murder from

1050

00:44:47,349 --> 00:44:43,969

males and now for a bit of fun this

1051
00:44:49,449 --> 00:44:47,359
week's science quiz question researchers

1052
00:44:52,299 --> 00:44:49,459
this week suggested that eating what

1053
00:44:56,970 --> 00:44:52,309
increases your chance of winning a Nobel

1054
00:45:01,930 --> 00:44:56,980
Prize a goji berries be

1055
00:45:05,559 --> 00:45:01,940
see chocolate or D pizza tweet me your

1056
00:45:08,349 --> 00:45:05,569
answer at our i underscore oz hashtag

1057
00:45:11,170 --> 00:45:08,359
weekend sigh and it'll be revealed next

1058
00:45:12,789 --> 00:45:11,180
week that's it for this week in science

1059
00:45:15,390 --> 00:45:12,799
for more information on these and other

1060
00:45:19,809 --> 00:45:15,400
science news go to the Arias website

1061
00:45:22,779 --> 00:45:19,819
riaa us ok you follow us on twitter

1062
00:45:36,010 --> 00:45:22,789
using the hashtag weekend sigh i'm poor

1063
00:45:43,130 --> 00:45:36,020

willis i'll catch you next week in a

1064

00:45:43,140 --> 00:45:51,010

your messages are a scene for beyond the

1065

00:45:57,030 --> 00:45:54,280

and reason is sideline for magical

1066

00:46:02,650 --> 00:46:00,320

a sweet man stand between the truth and

1067

00:46:06,410 --> 00:46:02,660

impulsive martins

1068

00:46:07,730 --> 00:46:06,420

what date is it 787 thing this is

1069

00:46:08,900 --> 00:46:07,740

impressive it's these artists

1070

00:46:10,930 --> 00:46:08,910

impressions they're not their

1071

00:46:14,120 --> 00:46:10,940

photographs of Chinese anthem it's not

1072

00:46:15,950 --> 00:46:14,130

we are not well received good god we're

1073

00:46:17,870 --> 00:46:15,960

fully don't discuss cryptozoology on the

1074

00:46:19,910 --> 00:46:17,880

show very often because we don't know

1075

00:46:21,800 --> 00:46:19,920

anything about how the truth the price

1076
00:46:23,630 --> 00:46:21,810
gets lower and lower lower and then he

1077
00:46:28,190 --> 00:46:23,640
hits a ceiling it's a ceiling for the

1078
00:46:29,900 --> 00:46:28,200
room below skeptic to the cave and Moses

1079
00:46:39,470 --> 00:46:29,910
high skeptics society find us on iTunes

1080
00:46:48,180 --> 00:46:39,480
or you know don't here's main art spooky

1081
00:46:54,460 --> 00:46:50,320
mollica said he has a guy working at

1082
00:46:56,200 --> 00:46:54,470
NASA in the the 50 60 70 s we want to

1083
00:46:57,970 --> 00:46:56,210
talk about some conspiracy theories

1084
00:46:59,530 --> 00:46:57,980
which you've been involved in bunking

1085
00:47:01,750 --> 00:46:59,540
and debunking I won't talk about some of

1086
00:47:03,490 --> 00:47:01,760
the colorful characters at NASA look

1087
00:47:05,230 --> 00:47:03,500
what about Gordon Cooper who was

1088
00:47:07,540 --> 00:47:05,240

involved in the Gemini program and had

1089

00:47:09,370 --> 00:47:07,550

various sightings of UFOs during his

1090

00:47:13,300 --> 00:47:09,380

career and claims to even seen them at

1091

00:47:16,750 --> 00:47:13,310

Edwards Air Force Base yes um Gordon

1092

00:47:19,660 --> 00:47:16,760

Cooper was one of the original mercury 7

1093

00:47:22,810 --> 00:47:19,670

astronauts he was the youngest of the

1094

00:47:26,350 --> 00:47:22,820

seven he was an Air Force captain when

1095

00:47:32,070 --> 00:47:26,360

he was inducted into the program uh he

1096

00:47:38,620 --> 00:47:32,080

had previously had an encounter with

1097

00:47:41,590 --> 00:47:38,630

UFOs in his flying in western Germany I

1098

00:47:44,710 --> 00:47:41,600

believe he was and it was reported

1099

00:47:47,050 --> 00:47:44,720

through the channels and so forth but

1100

00:47:49,270 --> 00:47:47,060

later on before he got into the

1101
00:47:54,310 --> 00:47:49,280
astronaut corps he was out at edwards

1102
00:47:59,260 --> 00:47:54,320
air force base as a test pilot but he

1103
00:48:01,720 --> 00:47:59,270
had a UFO sighting there it really went

1104
00:48:07,000 --> 00:48:01,730
on to effective he really became an

1105
00:48:10,150 --> 00:48:07,010
advocate of the government or some world

1106
00:48:12,460 --> 00:48:10,160
body being very serious about UFOs and

1107
00:48:14,230 --> 00:48:12,470
so forth because I believe he

1108
00:48:18,570 --> 00:48:14,240
represented the cause to the UN to the

1109
00:48:23,250 --> 00:48:18,580
UN one stage he wrote a letter to the

1110
00:48:26,890 --> 00:48:23,260
the Director General of the UN I believe

1111
00:48:32,530 --> 00:48:26,900
urging them to set up impartial

1112
00:48:34,780 --> 00:48:32,540
committee because I think he felt it was

1113
00:48:39,490 --> 00:48:34,790

you know he really felt strongly that

1114

00:48:42,970 --> 00:48:39,500

there was something like UFOs now I am

1115

00:48:47,620 --> 00:48:42,980

very skeptical about UFOs in and I'll

1116

00:48:51,760 --> 00:48:47,630

ask you to go back into the records and

1117

00:48:54,660 --> 00:48:51,770

the first UFO sighting was by a guy

1118

00:48:56,740 --> 00:48:54,670

named Kenneth Arnold flying in the

1119

00:48:57,880 --> 00:48:56,750

northwest part of the United States

1120

00:49:01,890 --> 00:48:57,890

where he

1121

00:49:05,890 --> 00:49:01,900

came back and reported that he saw seven

1122

00:49:10,870 --> 00:49:05,900

strange planes flying or something

1123

00:49:14,850 --> 00:49:10,880

greater than planes in 1947 and he

1124

00:49:17,110 --> 00:49:14,860

described them as being boomerang shape

1125

00:49:20,320 --> 00:49:17,120

that they were like airplanes that were

1126

00:49:22,840 --> 00:49:20,330

boomerang shape and in the press

1127

00:49:26,500 --> 00:49:22,850

conference that he had after he came

1128

00:49:32,190 --> 00:49:26,510

public with with this he described them

1129

00:49:35,890 --> 00:49:32,200

as being flying altogether in formation

1130

00:49:39,970 --> 00:49:35,900

kind of like speedboats bouncing over

1131

00:49:43,720 --> 00:49:39,980

waves or going through a wake of a boat

1132

00:49:47,800 --> 00:49:43,730

and that there did remind him of a

1133

00:49:50,190 --> 00:49:47,810

saucer being a gift across the water

1134

00:49:55,360 --> 00:49:50,200

like you skip a rock across the water

1135

00:49:59,110 --> 00:49:55,370

now at that time a junior reporter who

1136

00:50:02,560 --> 00:49:59,120

had to make a deadline grabbed his notes

1137

00:50:06,430 --> 00:50:02,570

and got it in the paper and he coined

1138

00:50:09,100 --> 00:50:06,440

the phrase flying saucer Kenneth Arnold

1139

00:50:12,790 --> 00:50:09,110

never did you can find pictures of

1140

00:50:14,800 --> 00:50:12,800

Arnold with a model of what he saw it

1141

00:50:18,640 --> 00:50:14,810

looks almost like a swept wing fighter

1142

00:50:21,970 --> 00:50:18,650

plane boomerang shaped kind of that wing

1143

00:50:27,130 --> 00:50:21,980

shape and nothing to do with it looking

1144

00:50:32,620 --> 00:50:27,140

like a saucer now in the era when Gordon

1145

00:50:37,390 --> 00:50:32,630

Cooper's saw a picture of of a reported

1146

00:50:40,930 --> 00:50:37,400

picture of a flying saucer and made a he

1147

00:50:44,500 --> 00:50:40,940

made a drawing of it it looked like your

1148

00:50:48,280 --> 00:50:44,510

conventional to plate pie plates glued

1149

00:50:52,110 --> 00:50:48,290

together in the center I have a feeling

1150

00:50:56,400 --> 00:50:52,120

that he may have been part of a hoax

1151
00:51:00,070 --> 00:50:56,410
here's a young Air Force captain who is

1152
00:51:01,810 --> 00:51:00,080
who saw flying saucers in Germany and so

1153
00:51:05,490 --> 00:51:01,820
I'm sure he's talking everybody's ear up

1154
00:51:08,530 --> 00:51:05,500
about flying saucers and so a couple for

1155
00:51:11,720 --> 00:51:08,540
photographers that were on a project

1156
00:51:14,030 --> 00:51:11,730
with him came into his office

1157
00:51:17,180 --> 00:51:14,040
excitedly and said oh we just saw a

1158
00:51:19,670 --> 00:51:17,190
flying saucer and landed on on three

1159
00:51:22,099 --> 00:51:19,680
legs and and we got photographs of it

1160
00:51:24,530 --> 00:51:22,109
and everything in movie filming and like

1161
00:51:27,530 --> 00:51:24,540
a good officer he said okay get the film

1162
00:51:29,060 --> 00:51:27,540
developed make no prints of them will

1163
00:51:31,160 --> 00:51:29,070

send them off through the right channels

1164

00:51:35,990 --> 00:51:31,170

we have a phone number to call for

1165

00:51:38,090 --> 00:51:36,000

anything you know whatever but they did

1166

00:51:40,310 --> 00:51:38,100

show him he couldn't see the movie film

1167

00:51:43,700 --> 00:51:40,320

they had brought they have developed it

1168

00:51:47,810 --> 00:51:43,710

they had developed this still cameras

1169

00:51:51,410 --> 00:51:47,820

and they showed him the negative of this

1170

00:51:55,359 --> 00:51:51,420

object and according to Cooper it was a

1171

00:51:58,220 --> 00:51:55,369

saucer he never saw it in person I think

1172

00:52:00,859 --> 00:51:58,230

his leg was being pulled by the guys

1173

00:52:04,099 --> 00:52:00,869

that worked for I mean Maynard you're a

1174

00:52:06,560 --> 00:52:04,109

jokester wouldn't you be if wouldn't you

1175

00:52:08,359 --> 00:52:06,570

be tempted to play a joke on somebody

1176
00:52:10,370 --> 00:52:08,369
who's talking about flying saucers all

1177
00:52:12,560 --> 00:52:10,380
the time I guess that's possible

1178
00:52:15,530 --> 00:52:12,570
particularly back in that time but that

1179
00:52:17,510 --> 00:52:15,540
profile also fits a situation where he

1180
00:52:20,450 --> 00:52:17,520
saw something that they later on mon to

1181
00:52:22,550 --> 00:52:20,460
cover up Marlo well that could be very

1182
00:52:26,780 --> 00:52:22,560
true that's that's the other possibility

1183
00:52:31,099 --> 00:52:26,790
and that leads to I was involved in a

1184
00:52:33,710 --> 00:52:31,109
space related UFO cover-up now is this

1185
00:52:35,300 --> 00:52:33,720
during the Gemini missions Gemini 7 was

1186
00:52:39,830 --> 00:52:35,310
one of the famous ones was that the one

1187
00:52:41,960 --> 00:52:39,840
you involved with no gemini one i was at

1188
00:52:46,370 --> 00:52:41,970

that time i was working in mission

1189

00:52:49,130 --> 00:52:46,380

planning was my my home division but i

1190

00:52:51,950 --> 00:52:49,140

was on loan to the Gemini program office

1191

00:52:57,620 --> 00:52:51,960

to be in charge of their launch guidance

1192

00:53:01,160 --> 00:52:57,630

and control and so I was at the Cape

1193

00:53:03,830 --> 00:53:01,170

Cape Canaveral when we flew that it was

1194

00:53:08,900 --> 00:53:03,840

an unmanned mission it was a Titan to

1195

00:53:11,030 --> 00:53:08,910

rocket pushing a Gemini spacecraft into

1196

00:53:13,010 --> 00:53:11,040

orbit but we didn't release the

1197

00:53:16,160 --> 00:53:13,020

spacecraft so the whole stack went up

1198

00:53:19,910 --> 00:53:16,170

for the second stage in with the Gemini

1199

00:53:22,070 --> 00:53:19,920

attached to it went up and we got into

1200

00:53:24,400 --> 00:53:22,080

the right or better approximately the

1201

00:53:25,550 --> 00:53:24,410

right our orbit and so forth and I was

1202

00:53:30,290 --> 00:53:25,560

my

1203

00:53:34,730 --> 00:53:30,300

during the flight and all at once uh one

1204

00:53:38,750 --> 00:53:34,740

of the radar systems the station's down

1205

00:53:44,240 --> 00:53:38,760

range of Cape Canaveral said that they

1206

00:53:46,310 --> 00:53:44,250

saw a blip on the radar which looked

1207

00:53:51,260 --> 00:53:46,320

like something was flying in formation

1208

00:53:54,860 --> 00:53:51,270

with the Gemini Titan deck now at that

1209

00:53:57,170 --> 00:53:54,870

time as opposed to the Soviet Union

1210

00:53:59,510 --> 00:53:57,180

which was very closed and secretive we

1211

00:54:03,500 --> 00:53:59,520

were throwing the doors open to the

1212

00:54:06,850 --> 00:54:03,510

press so they were listening in and as

1213

00:54:10,870 --> 00:54:06,860

soon as they heard something flying a

1214

00:54:14,960 --> 00:54:10,880

strange object flying in formation with

1215

00:54:16,760 --> 00:54:14,970

our spacecraft all hell broke loose they

1216

00:54:18,620 --> 00:54:16,770

wanted to know about the flying saucer

1217

00:54:21,440 --> 00:54:18,630

what was happening where did you know

1218

00:54:24,590 --> 00:54:21,450

that every detail and so the

1219

00:54:29,120 --> 00:54:24,600

communication was shut down and what had

1220

00:54:32,210 --> 00:54:29,130

happened to be I won't go into all the

1221

00:54:34,880 --> 00:54:32,220

details but it was the engine bell off

1222

00:54:37,790 --> 00:54:34,890

the second stage Titan had fallen off

1223

00:54:40,340 --> 00:54:37,800

and was flying in formation because

1224

00:54:43,160 --> 00:54:40,350

you're flying at the same velocity and

1225

00:54:45,410 --> 00:54:43,170

same altitude so it would naturally if

1226

00:54:50,120 --> 00:54:45,420

it broke off it would be flying in the

1227

00:54:55,880 --> 00:54:50,130

same path may be trailing may be leading

1228

00:54:58,360 --> 00:54:55,890

the Gemini now in those days the radar

1229

00:55:03,800 --> 00:54:58,370

was pretty crude we're talking about

1230

00:55:06,800 --> 00:55:03,810

1962 i think it was and uh 63 think was

1231

00:55:10,670 --> 00:55:06,810

first but anyway the the radars were

1232

00:55:14,150 --> 00:55:10,680

basically operating off the transponder

1233

00:55:18,590 --> 00:55:14,160

we had on the Gemini but also we had we

1234

00:55:20,210 --> 00:55:18,600

had surface reflecting radars and they

1235

00:55:23,570 --> 00:55:20,220

could they could tell that there was

1236

00:55:27,500 --> 00:55:23,580

another object flying around what it

1237

00:55:31,490 --> 00:55:27,510

turned out not only how we determined it

1238

00:55:34,460 --> 00:55:31,500

was the engine is there was a secret

1239

00:55:38,330 --> 00:55:34,470

radar on the east coast of the US that

1240

00:55:39,170 --> 00:55:38,340

had incredible resolution but actually

1241

00:55:41,390 --> 00:55:39,180

instead of

1242

00:55:43,700 --> 00:55:41,400

seeing a blip that actually see a shape

1243

00:55:46,579 --> 00:55:43,710

and they described the dimensions of the

1244

00:55:49,150 --> 00:55:46,589

shape and it just it turned out it was

1245

00:55:53,059 --> 00:55:49,160

the same dimensions as the engine Bell

1246

00:55:56,420 --> 00:55:53,069

big big blaring out bulb so we had a

1247

00:55:59,930 --> 00:55:56,430

dilemma the dilemma was a two-fold

1248

00:56:01,880 --> 00:55:59,940

dilemma if we said we knew it was the

1249

00:56:04,849 --> 00:56:01,890

engine bill and people say how can you

1250

00:56:08,589 --> 00:56:04,859

tell hundreds of miles away what the

1251

00:56:11,540 --> 00:56:08,599

shape and dimension and the you know uh

1252

00:56:14,030 --> 00:56:11,550

because no radars at that kind of time

1253

00:56:16,609 --> 00:56:14,040

to do it but we did own that kind of a

1254

00:56:19,549 --> 00:56:16,619

radar it enabled us to see what the

1255

00:56:21,829 --> 00:56:19,559

Soviet satellites look like and that was

1256

00:56:25,040 --> 00:56:21,839

a capability we didn't want the Soviets

1257

00:56:27,950 --> 00:56:25,050

to know the other thing was the Titan to

1258

00:56:30,079 --> 00:56:27,960

that we were using is just pretty much

1259

00:56:33,500 --> 00:56:30,089

the same as the Titan tues that we had

1260

00:56:36,020 --> 00:56:33,510

in the missile silos all over the the

1261

00:56:39,530 --> 00:56:36,030

u.s. all pointed at the Soviet Union and

1262

00:56:41,630 --> 00:56:39,540

we did not want to tell them that these

1263

00:56:55,719 --> 00:56:41,640

things were not reliable that the

1264

00:56:59,299 --> 00:56:57,589

have you heard the one about how the

1265

00:57:01,039 --> 00:56:59,309

illuminati in conjunction with the US

1266

00:57:02,929 --> 00:57:01,049

government are hiding the existence of

1267

00:57:05,120 --> 00:57:02,939

aliens in order to ensure the supply of

1268

00:57:06,559 --> 00:57:05,130

helium is kept low or that the CIA the

1269

00:57:08,329 --> 00:57:06,569

militant wing of the Freemasons are

1270

00:57:09,769 --> 00:57:08,339

working with the elders of zion to take

1271

00:57:12,259 --> 00:57:09,779

control of the population of the world

1272

00:57:14,059 --> 00:57:12,269

through fluoridated chemtrails canberra

1273

00:57:15,529 --> 00:57:14,069

skeptics incorporated on behalf of the

1274

00:57:17,239 --> 00:57:15,539

shadow government will be massing an

1275

00:57:19,789 --> 00:57:17,249

array of dark forces for the Australian

1276
00:57:21,559 --> 00:57:19,799
skeptics national convention 2013 this

1277
00:57:23,149 --> 00:57:21,569
convention has conspired to coincide

1278
00:57:25,459 --> 00:57:23,159
with the 50th anniversary of the

1279
00:57:27,139 --> 00:57:25,469
assassination of John F Kennedy possibly

1280
00:57:29,179 --> 00:57:27,149
the most famous conspiracy theory of all

1281
00:57:31,009 --> 00:57:29,189
time if you've ever wanted to learn

1282
00:57:32,959 --> 00:57:31,019
about the truth behind the death of JFK

1283
00:57:34,849 --> 00:57:32,969
what makes for a good conspiracy theory

1284
00:57:36,859 --> 00:57:34,859
and why they are so prevalent Canberra

1285
00:57:38,599 --> 00:57:36,869
skeptics invites you to attend that is

1286
00:57:41,599 --> 00:57:38,609
of course should you choose to accept it

1287
00:57:44,029 --> 00:57:41,609
come to national skeptics convention org

1288
00:57:53,970 --> 00:57:44,039

and just remember they will be watching

1289

00:58:01,770 --> 00:57:58,710

i Richard you've done at the bumper show

1290

00:58:04,800 --> 00:58:01,780

number 250 what a huge one I really like

1291

00:58:06,690 --> 00:58:04,810

that stuff that made out comes up with

1292

00:58:10,500 --> 00:58:06,700

these people he interviews Wow the early

1293

00:58:15,080 --> 00:58:10,510

days of UFOs flying saucer mate may not

1294

00:58:18,120 --> 00:58:15,090

is a bottomless pit of entertainment he

1295

00:58:20,460 --> 00:58:18,130

is just incredible I want to thank Ross

1296

00:58:21,900 --> 00:58:20,470

blood sure and Penny chan and and

1297

00:58:23,400 --> 00:58:21,910

everybody else who appeared in today's

1298

00:58:25,050 --> 00:58:23,410

show was really great and all the people

1299

00:58:28,710 --> 00:58:25,060

who attended the convention which I

1300

00:58:30,450 --> 00:58:28,720

didn't and also I know are but also a

1301

00:58:32,460 --> 00:58:30,460

reminder for everyone to to attend the

1302

00:58:33,750 --> 00:58:32,470

other Australian convention which coming

1303

00:58:35,609 --> 00:58:33,760

up in November as we mentioned earlier

1304

00:58:37,980 --> 00:58:35,619

yes yes folks you've had you've had the

1305

00:58:39,780 --> 00:58:37,990

word the message is that like the secret

1306

00:58:42,359 --> 00:58:39,790

Stefan if we give somebody the message I

1307

00:58:43,650 --> 00:58:42,369

as a message yeah i Nev is the only if

1308

00:58:46,290 --> 00:58:43,660

you do it psychically through dead

1309

00:58:48,000 --> 00:58:46,300

people I see well this is a better

1310

00:58:51,090 --> 00:58:48,010

message come to the Australian skeptics

1311

00:58:52,950 --> 00:58:51,100

convention in November and what what how

1312

00:58:55,230 --> 00:58:52,960

can we entice people to come along ah

1313

00:58:58,320 --> 00:58:55,240

they can have a photograph taken with a

1314

00:59:01,770 --> 00:58:58,330

picture of me ah them what what what

1315

00:59:03,390 --> 00:59:01,780

better enticement than that rigid oh not

1316

00:59:05,370 --> 00:59:03,400

with not with the real me I'll just hold

1317

00:59:08,849 --> 00:59:05,380

up a picture of me it's all right a

1318

00:59:10,590 --> 00:59:08,859

cardboard cutout oh and a reminder for

1319

00:59:12,960 --> 00:59:10,600

those that's those those groupies that I

1320

00:59:14,940 --> 00:59:12,970

met yesterday and that they maybe they

1321

00:59:16,140 --> 00:59:14,950

can make contact with us and yeah we'll

1322

00:59:18,180 --> 00:59:16,150

do some networking with him because that

1323

00:59:19,410 --> 00:59:18,190

that was that was a lot of fun skeptic

1324

00:59:23,220 --> 00:59:19,420

zone groupies what an interesting

1325

00:59:25,770 --> 00:59:23,230

thought yes well let's let's sign off

1326

00:59:28,890 --> 00:59:25,780

and get out of here for show 251 next

1327

00:59:32,130 --> 00:59:28,900

time 251 you mean I have to do this all

1328

00:59:34,890 --> 00:59:32,140

over again Oh Richard your tireless and

1329

00:59:40,750 --> 00:59:34,900

we love you for it so let's do it see

1330

00:59:48,170 --> 00:59:43,160

you've been listening to the skeptic

1331

00:59:51,920 --> 00:59:48,180

zone visit our website at [www skeptics](http://www.skeptics)