

Episode 547

THE  
**SKEPTIC  
ZONE**  
PODCAST

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14 April 2019

**The Skeptic Zone Podcast**

Kerrie Dougherty



Episode **547** - 14 April 2019

**Kerrie Dougherty**  
**Australia in Space**

**30 years of**  
**Mind Body Wallet**

**New Zealand psychics**  
**sensing nothing**

1  
00:00:09,110 --> 00:00:05,950

[Music]

2  
00:00:17,170 --> 00:00:09,120

welcome to the skeptic zone the podcast

3  
00:00:25,380 --> 00:00:22,790

[Music]

4  
00:00:29,300 --> 00:00:25,390

yes it's the skeptic zone podcast

5  
00:00:32,040 --> 00:00:29,310

episode number 547 for the 14th of April

6  
00:00:34,680 --> 00:00:32,050

2019 reach its owners here with you back

7  
00:00:37,229 --> 00:00:34,690

in Sydney Australia and the weather's

8  
00:00:40,830 --> 00:00:37,239

getting slightly cooler April is a funny

9  
00:00:44,360 --> 00:00:40,840

month it's hilarious you never know what

10  
00:00:47,280 --> 00:00:44,370

to expect in April part of you thinks

11  
00:00:49,070 --> 00:00:47,290

autumn you know winter's coming things

12  
00:00:52,350 --> 00:00:49,080

should be cooling down then suddenly BAM

13  
00:00:54,210 --> 00:00:52,360

it'll hit you with a hot muggy day maybe

14

00:00:56,880 --> 00:00:54,220

I should call this show The Skeptical

15

00:00:59,009 --> 00:00:56,890

weather zone hmm coming up on this

16

00:01:01,259 --> 00:00:59,019

week's show the return of may not may

17

00:01:03,479 --> 00:01:01,269

not spooky action may not heads to

18

00:01:06,450 --> 00:01:03,489

skeptics in the pub here in Sydney just

19

00:01:10,880 --> 00:01:06,460

last week and asks the big question to

20

00:01:13,770 --> 00:01:10,890

pub is what should skeptics now give up

21

00:01:16,770 --> 00:01:13,780

what's been done to death what's dead

22

00:01:18,990 --> 00:01:16,780

wood what what topics should we just no

23

00:01:21,750 --> 00:01:19,000

longer bother with in the skeptical

24

00:01:24,060 --> 00:01:21,760

organisation or are there any I mean

25

00:01:26,550 --> 00:01:24,070

personally I love the classics I always

26  
00:01:29,400 --> 00:01:26,560  
have the ESP and the monsters and all

27  
00:01:31,650 --> 00:01:29,410  
that sort of stuff but everybody has an

28  
00:01:34,590 --> 00:01:31,660  
opinion on this it seems may not finds

29  
00:01:37,710 --> 00:01:34,600  
out then may not interviews the guest

30  
00:01:41,610 --> 00:01:37,720  
speaker on the night Carey Doherty who

31  
00:01:44,310 --> 00:01:41,620  
gave a talk about the dish the dish was

32  
00:01:47,900 --> 00:01:44,320  
not the whole story now the dish she

33  
00:01:50,630 --> 00:01:47,910  
refers to is the radio telescope or the

34  
00:01:54,210 --> 00:01:50,640  
communications device here in Australia

35  
00:01:57,260 --> 00:01:54,220  
Parkes in fact in New South Wales that

36  
00:01:59,610 --> 00:01:57,270  
was instrumental in Apollo missions

37  
00:02:01,740 --> 00:01:59,620  
communicating with the astronauts and

38  
00:02:04,110 --> 00:02:01,750

I'm sorry I missed this talk it sounds

39

00:02:06,890 --> 00:02:04,120

absolutely fascinating Australia's

40

00:02:09,630 --> 00:02:06,900

involvement in space exploration

41

00:02:14,070 --> 00:02:09,640

following that I catch up with Tim

42

00:02:16,979 --> 00:02:14,080

Mendham who we hear of frequently in the

43

00:02:19,380 --> 00:02:16,989

skeptic sonam often reading bits and

44

00:02:21,509 --> 00:02:19,390

pieces from press releases or articles

45

00:02:22,920 --> 00:02:21,519

from Tim Menem the editor of the skeptic

46

00:02:26,059 --> 00:02:22,930

magazine the journal from Australian

47

00:02:28,309 --> 00:02:26,069

skeptics I chat to Tim about his recent

48

00:02:30,930 --> 00:02:28,319

experiences visiting the

49

00:02:34,000 --> 00:02:30,940

mind/body/spirit or as we love to call

50

00:02:36,220 --> 00:02:34,010

it everybody all together mind by

51  
00:02:38,679 --> 00:02:36,230  
the wallet now this is the festival

52  
00:02:40,330 --> 00:02:38,689  
every six months here in Sydney and in

53  
00:02:43,780 --> 00:02:40,340  
other parts of the country the way you

54  
00:02:45,550 --> 00:02:43,790  
can feast on whoo of every shape and

55  
00:02:48,479 --> 00:02:45,560  
description from psychics to new

56  
00:02:50,289 --> 00:02:48,489  
energies to things like Reiki and

57  
00:02:53,229 --> 00:02:50,299  
alternative health in general

58  
00:02:56,880 --> 00:02:53,239  
it's all there folks and Tim will report

59  
00:03:00,490 --> 00:02:56,890  
on his recent visit and reflections on

60  
00:03:02,199 --> 00:03:00,500  
visiting that 30 years ago and if you

61  
00:03:03,699 --> 00:03:02,209  
remember last week on the skeptic zone I

62  
00:03:07,050 --> 00:03:03,709  
read out a report from the skeptic

63  
00:03:09,309 --> 00:03:07,060

magazine where Tim Minden visited the

64

00:03:12,399 --> 00:03:09,319

mind/body/spirit the first one here in

65

00:03:15,089 --> 00:03:12,409

Sydney in 1989 then to round off the

66

00:03:19,240 --> 00:03:15,099

show a story from New Zealand about

67

00:03:21,610 --> 00:03:19,250

psychic detectives well either that's

68

00:03:23,440 --> 00:03:21,620

that's a weird term psychic detectives

69

00:03:26,680 --> 00:03:23,450

because personally I don't think there

70

00:03:29,229 --> 00:03:26,690

are any psychics so they cannot be

71

00:03:32,500 --> 00:03:29,239

definition be psychic detectives to my

72

00:03:36,069 --> 00:03:32,510

thinking but it's easier to say psychic

73

00:03:38,080 --> 00:03:36,079

detective then to say people who claim

74

00:03:38,770 --> 00:03:38,090

to have psychic powers and think they're

75

00:03:40,839 --> 00:03:38,780

detectives

76  
00:03:43,059 --> 00:03:40,849  
now during this episode you'll hear some

77  
00:03:45,189 --> 00:03:43,069  
very exciting news about the upcoming

78  
00:03:47,409 --> 00:03:45,199  
Australian skeptics convention which is

79  
00:03:50,920 --> 00:03:47,419  
to be held in Melbourne in December this

80  
00:03:53,259 --> 00:03:50,930  
year very exciting news news that will

81  
00:03:57,009 --> 00:03:53,269  
make you want to book your ticket as

82  
00:03:58,539 --> 00:03:57,019  
soon as they become available but until

83  
00:04:00,159 --> 00:03:58,549  
that announcement comes up you'll just

84  
00:04:01,750 --> 00:04:00,169  
have to wonder what it is well I think

85  
00:04:04,030 --> 00:04:01,760  
most of you know anyway but anyway but

86  
00:04:07,360 --> 00:04:04,040  
now it's time for me to run downstairs

87  
00:04:11,460 --> 00:04:07,370  
and um let me have I know I know I'm

88  
00:04:15,220 --> 00:04:11,470

going to get a nice big salad yes a nice

89

00:04:19,360 --> 00:04:15,230

some corn and lettuce and lettuce a bit

90

00:04:22,810 --> 00:04:19,370

of a broccoli and I saw a thing called a

91

00:04:25,210 --> 00:04:22,820

cabbage and I like vegetables what can I

92

00:04:27,100 --> 00:04:25,220

say I even like Brussels sprouts mix

93

00:04:30,250 --> 00:04:27,110

that together with a little bit of a

94

00:04:33,550 --> 00:04:30,260

little bit of olive oil mixed in was a

95

00:04:36,580 --> 00:04:33,560

bit of sesame oil which is delicious and

96

00:04:39,189 --> 00:04:36,590

a little bit of wasabi mixed in with

97

00:04:43,659 --> 00:04:39,199

that poured all over the salad add a bit

98

00:04:46,580 --> 00:04:43,669

of tuna hmm while I do that I hope you

99

00:04:59,960 --> 00:04:46,590

enjoy the skeptic zone

100

00:04:59,970 --> 00:05:09,670

his may not spooky action at a distance

101  
00:05:13,240 --> 00:05:11,590  
see that how about behind me that's the

102  
00:05:15,219 --> 00:05:13,250  
noise obstetrics of the pub here the

103  
00:05:17,379 --> 00:05:15,229  
Occidental hotel is when you in Sydney

104  
00:05:20,050 --> 00:05:17,389  
may not hear cup reporter may not hear

105  
00:05:22,749 --> 00:05:20,060  
you're Jimmy Olsen of the sceptic zone

106  
00:05:24,219 --> 00:05:22,759  
of course Richard Saunders is the lowest

107  
00:05:26,080 --> 00:05:24,229  
lane of the skeptic zone although it

108  
00:05:28,240 --> 00:05:26,090  
does have Clark Kent's glasses I do

109  
00:05:30,580 --> 00:05:28,250  
believe we'll be asking people tonight

110  
00:05:32,050 --> 00:05:30,590  
what should skip fix give up you've got

111  
00:05:33,340 --> 00:05:32,060  
to choose your battles of course but you

112  
00:05:36,550 --> 00:05:33,350  
also got to choose the battles you don't

113  
00:05:39,189 --> 00:05:36,560

have so what is it about time skeptics

114

00:05:41,980 --> 00:05:39,199

gave away but the neckbeard that's one

115

00:05:46,540 --> 00:05:41,990

thing certain facial hair affectations

116

00:05:49,360 --> 00:05:46,550

another thing some of the suits from the

117

00:05:50,620 --> 00:05:49,370

70s probably give them up but there's a

118

00:05:52,330 --> 00:05:50,630

few other things to be giving away and

119

00:05:54,640 --> 00:05:52,340

I'll be asking people what should we

120

00:05:57,010 --> 00:05:54,650

give up as well as talking to our guests

121

00:05:59,379 --> 00:05:57,020

tonight is all about Australia's part in

122

00:06:01,089 --> 00:05:59,389

the space program what we did the real

123

00:06:02,589 --> 00:06:01,099

story of the dish all that sort up that

124

00:06:03,969 --> 00:06:02,599

will be coming your way tonight skeptics

125

00:06:06,250 --> 00:06:03,979

of the pub as people are rushing rushing

126  
00:06:12,670 --> 00:06:06,260  
and flushing here to get some skepticism

127  
00:06:14,409 --> 00:06:12,680  
in we need Sydney what do you think it's

128  
00:06:17,140 --> 00:06:14,419  
time for skeptics to give away so they

129  
00:06:19,420 --> 00:06:17,150  
can concentrate on other stuff I think

130  
00:06:20,680 --> 00:06:19,430  
it's time to give away them the worrying

131  
00:06:22,180 --> 00:06:20,690  
about the moon hoax because you're never

132  
00:06:24,070 --> 00:06:22,190  
going to change the minds of some of

133  
00:06:27,070 --> 00:06:24,080  
them have you ever tried to do that

134  
00:06:29,020 --> 00:06:27,080  
personally or online yes I have and I

135  
00:06:32,020 --> 00:06:29,030  
was successful in a couple of cases but

136  
00:06:34,839 --> 00:06:32,030  
clearly they hadn't been they hadn't

137  
00:06:37,870 --> 00:06:34,849  
been converted enough to the you know to

138  
00:06:40,029 --> 00:06:37,880

the hoax belief but I've also I have

139

00:06:42,250 --> 00:06:40,039

also been very unsuccessful in trying to

140

00:06:43,990 --> 00:06:42,260

convert other people they just lost

141

00:06:45,820 --> 00:06:44,000

sleep over the years

142

00:06:47,350 --> 00:06:45,830

no I haven't lost sleep over it but I

143

00:06:50,440 --> 00:06:47,360

thought you'd be up late doing this kind

144

00:06:51,940 --> 00:06:50,450

of thing you see oh I know I'm sure your

145

00:06:54,310 --> 00:06:51,950

conscience wasn't but that is all but

146

00:06:56,530 --> 00:06:54,320

it's the time it takes yeah well this is

147

00:06:57,730 --> 00:06:56,540

true yeah yeah what do you reckon

148

00:06:59,970 --> 00:06:57,740

skeptic should maybe give up the

149

00:07:02,320 --> 00:06:59,980

concentrate on something more productive

150

00:07:04,000 --> 00:07:02,330

should give people a break on Bigfoot

151  
00:07:06,760 --> 00:07:04,010  
look if people want to search for

152  
00:07:08,530 --> 00:07:06,770  
Bigfoot if they want to go camping but

153  
00:07:11,560 --> 00:07:08,540  
for a bush walk you know I don't know

154  
00:07:13,240 --> 00:07:11,570  
set up their tent toast some

155  
00:07:15,400 --> 00:07:13,250  
marshmallows and maybe see Bigfoot like

156  
00:07:17,380 --> 00:07:15,410  
is that the worst hobby in the world if

157  
00:07:19,570 --> 00:07:17,390  
it's getting people out you know doing

158  
00:07:21,310 --> 00:07:19,580  
some exercise exploring like maybe

159  
00:07:23,020 --> 00:07:21,320  
that's okay maybe just let them search

160  
00:07:24,760 --> 00:07:23,030  
for Bigfoot I don't think they're gonna

161  
00:07:26,470 --> 00:07:24,770  
find Bigfoot but I'm happy to let them

162  
00:07:30,340 --> 00:07:26,480  
keep looking you feel the same way about

163  
00:07:32,170 --> 00:07:30,350

our local Yowie I think so I just want

164

00:07:33,700 --> 00:07:32,180

that to be true though all of the

165

00:07:35,020 --> 00:07:33,710

Australian things wouldn't it be so good

166

00:07:36,400 --> 00:07:35,030

if we did have Panthers in the Blue

167

00:07:37,930 --> 00:07:36,410

Mountains like I'm not saying I think we

168

00:07:39,520 --> 00:07:37,940

have palaces in the Blue Mountains but

169

00:07:41,200 --> 00:07:39,530

I'd love it if we had Panthers in the

170

00:07:42,700 --> 00:07:41,210

gloom Alice people are certainly saying

171

00:07:44,020 --> 00:07:42,710

seeing something or they're saying

172

00:07:46,870 --> 00:07:44,030

they're seeing something on a regular

173

00:07:50,170 --> 00:07:46,880

basis aren't they I've heard that and

174

00:07:52,990 --> 00:07:50,180

again all I'm gonna say is that I wish

175

00:07:54,190 --> 00:07:53,000

it was true yeah of course everybody

176

00:07:55,570 --> 00:07:54,200

thinks we should give up something to

177

00:07:56,950 --> 00:07:55,580

concentrate on something else here's a

178

00:07:59,110 --> 00:07:56,960

guy who thinks that now give it up

179

00:08:02,580 --> 00:07:59,120

nothing not not one foot back not one

180

00:08:05,440 --> 00:08:02,590

inch back take no prisoners yeah well I

181

00:08:09,520 --> 00:08:05,450

hate being wrong and I hate other people

182

00:08:10,870 --> 00:08:09,530

being wrong and I find III I don't well

183

00:08:13,210 --> 00:08:10,880

I don't think you can you should

184

00:08:15,730 --> 00:08:13,220

necessarily give up on one one thing

185

00:08:18,460 --> 00:08:15,740

that's that's untrue to focus on other

186

00:08:20,409 --> 00:08:18,470

things because we can probably do a lot

187

00:08:22,510 --> 00:08:20,419

of it or maybe all of it

188

00:08:23,860 --> 00:08:22,520

I definitely you should focus most on

189

00:08:26,390 --> 00:08:23,870

the things that are directly harmful

190

00:08:29,060 --> 00:08:26,400

like anti vaccination

191

00:08:31,250 --> 00:08:29,070

activism and some of the more harmful

192

00:08:33,740 --> 00:08:31,260

alternative medications like black Sal

193

00:08:36,050 --> 00:08:33,750

but few things are as futile as an

194

00:08:38,240 --> 00:08:36,060

argument on Facebook really I mean it's

195

00:08:40,190 --> 00:08:38,250

worse than fashion oh you're not gonna

196

00:08:42,320 --> 00:08:40,200

get much you must lose a lot of sleep by

197

00:08:44,630 --> 00:08:42,330

staying up late going you are wrong no

198

00:08:46,010 --> 00:08:44,640

you are wrong no see that's the

199

00:08:52,220 --> 00:08:46,020

difference I think you don't do the

200

00:08:55,940 --> 00:08:52,230

voice no I you are wrong no I I think

201  
00:08:58,070 --> 00:08:55,950  
that the the topics we should we should

202  
00:09:00,980 --> 00:08:58,080  
we shouldn't pick and choose topics for

203  
00:09:03,110 --> 00:09:00,990  
skepticism necessarily but methods of

204  
00:09:05,450 --> 00:09:03,120  
argument definitely I don't think

205  
00:09:07,700 --> 00:09:05,460  
arguing on Facebook is ever particularly

206  
00:09:08,990 --> 00:09:07,710  
helpful i I do a lot of arguing on

207  
00:09:13,579 --> 00:09:09,000  
Twitter but that's also on it's

208  
00:09:15,380 --> 00:09:13,589  
unhelpful but more fun I think what I've

209  
00:09:16,579 --> 00:09:15,390  
been a bit of a centrist here now what's

210  
00:09:18,019 --> 00:09:16,589  
your opinion on this what should what

211  
00:09:22,010 --> 00:09:18,029  
should we be given up to concentrate on

212  
00:09:25,160 --> 00:09:22,020  
something useful give up to concentrate

213  
00:09:26,510 --> 00:09:25,170

on something useful I don't think you

214

00:09:28,280 --> 00:09:26,520

can really change people's minds on

215

00:09:30,440 --> 00:09:28,290

anything but people want to be right on

216

00:09:32,240 --> 00:09:30,450

that absolutely if whenever they can

217

00:09:34,490 --> 00:09:32,250

sort of thing so if it's not harming

218

00:09:36,800 --> 00:09:34,500

anyone just let them be for a bit but

219

00:09:38,810 --> 00:09:36,810

you know it's fun to see what people

220

00:09:41,360 --> 00:09:38,820

believe it's you know it's always fun to

221

00:09:43,640 --> 00:09:41,370

see a new way of looking at stuff okay

222

00:09:45,320 --> 00:09:43,650

so so you're a bit more open to just

223

00:09:46,730 --> 00:09:45,330

trying on everything a bit like our last

224

00:09:48,160 --> 00:09:46,740

gentleman we spoke to here you know if

225

00:09:50,660 --> 00:09:48,170

they're wrong just give them a nudge

226

00:09:53,060 --> 00:09:50,670

pretty much yeah yeah I'm not a very

227

00:09:54,740 --> 00:09:53,070

argumentative sort of guy I just sort of

228

00:09:56,090 --> 00:09:54,750

like to see what people think about

229

00:09:57,829 --> 00:09:56,100

stuff you know why can't you be a bit

230

00:10:01,400 --> 00:09:57,839

more like him sounds like you're very

231

00:10:04,820 --> 00:10:01,410

annoying online I probably have I think

232

00:10:06,590 --> 00:10:04,830

I'm annoying in real life also this

233

00:10:08,600 --> 00:10:06,600

isn't the topic but I like to ask people

234

00:10:09,800 --> 00:10:08,610

who like to but what's thing to get your

235

00:10:11,660 --> 00:10:09,810

goat the most that you just you just

236

00:10:12,870 --> 00:10:11,670

can't stay away from if they tread into

237

00:10:15,900 --> 00:10:12,880

that area

238

00:10:17,640 --> 00:10:15,910

I yeah I work in public health so

239

00:10:21,480 --> 00:10:17,650

anything related to public health is a

240

00:10:23,400 --> 00:10:21,490

big I mean I haven't had to learn to

241

00:10:25,170 --> 00:10:23,410

step away from arguments but still I I

242

00:10:27,540 --> 00:10:25,180

find myself getting drawn in quite a bit

243

00:10:30,210 --> 00:10:27,550

okay well I hope you get we should be

244

00:10:32,000 --> 00:10:30,220

right tonight that one night off tonight

245

00:10:33,870 --> 00:10:32,010

he had hope so in this particular

246

00:10:37,680 --> 00:10:33,880

hopefully no one will tell me that

247

00:10:38,910 --> 00:10:37,690

vaccines cause autism in this room well

248

00:10:40,290 --> 00:10:38,920

we're talking about what to get pigs

249

00:10:42,000 --> 00:10:40,300

have to give away I've mentioned a few

250

00:10:43,620 --> 00:10:42,010

things earlier there I thinks I think a

251

00:10:45,870 --> 00:10:43,630

medicine they should concentrate on a

252

00:10:47,490 --> 00:10:45,880

better sense of fashion maybe drop the

253

00:10:48,570 --> 00:10:47,500

pants down a little bit lower look

254

00:10:51,630 --> 00:10:48,580

you're doing fine you've got your

255

00:10:53,460 --> 00:10:51,640

t-shirt on here which is very nice yeah

256

00:10:54,900 --> 00:10:53,470

now what do you reckon it's time to give

257

00:10:58,290 --> 00:10:54,910

away to concentrate on the bigger game

258

00:11:01,920 --> 00:10:58,300

I'll be honest I think water divining is

259

00:11:05,370 --> 00:11:01,930

a little bit you know it's a bit like Oh

260

00:11:07,050 --> 00:11:05,380

bless do you think I guess it's not

261

00:11:08,400 --> 00:11:07,060

harmless if farmers are spending money

262

00:11:10,110 --> 00:11:08,410

on it but then again if you can find

263

00:11:12,110 --> 00:11:10,120

water table anywhere you're gonna get

264

00:11:15,090 --> 00:11:12,120

your money back somehow I guess and also

265

00:11:17,010 --> 00:11:15,100

if people want to spend money on crap

266

00:11:20,180 --> 00:11:17,020

these and it is actually harmless like

267

00:11:22,560 --> 00:11:20,190

really it is harmless well then let them

268

00:11:24,990 --> 00:11:22,570

there are other things that cause a lot

269

00:11:27,690 --> 00:11:25,000

more damage and also water divining but

270

00:11:30,690 --> 00:11:27,700

I do feel like basically everyone knows

271

00:11:33,540 --> 00:11:30,700

is nonsense I never do another word then

272

00:11:36,200 --> 00:11:33,550

but I think that most people know that

273

00:11:38,450 --> 00:11:36,210

is basically witchcraft

274

00:11:40,490 --> 00:11:38,460

speaking sand job have you seen the new

275

00:11:42,470 --> 00:11:40,500

product on goop that the plaintiff

276

00:11:44,630 --> 00:11:42,480

portrays got it's the acid face peel

277

00:11:46,010 --> 00:11:44,640

pads that have the the acid stuff on it

278

00:11:47,300 --> 00:11:46,020

so you put it on your face everything

279

00:11:49,040 --> 00:11:47,310

you wouldn't be able to be sold

280

00:11:51,170 --> 00:11:49,050

over-the-counter a very strong acid peel

281

00:11:53,720 --> 00:11:51,180

formulation in in that form would you

282

00:11:56,090 --> 00:11:53,730

that'll be useless well no and at least

283

00:12:00,330 --> 00:11:56,100

it's not for the vagina I suppose well

284

00:12:02,760 --> 00:12:00,340

look don't know ouch now

285

00:12:04,440 --> 00:12:02,770

don't put anything faster yeah that's

286

00:12:06,360 --> 00:12:04,450

true yes oh that's the latest thing - so

287

00:12:08,519 --> 00:12:06,370

get on to that one but yeah I've got to

288

00:12:10,320 --> 00:12:08,529

say yeah water divining and also it's so

289

00:12:12,150 --> 00:12:10,330

tedious to try and prove it and they

290

00:12:15,570 --> 00:12:12,160

argue with you anyway and it's just a

291

00:12:17,269 --> 00:12:15,580

bit pathetic hmm I think what divining

292

00:12:20,370 --> 00:12:17,279

is one of those ones that is basically

293

00:12:22,050 --> 00:12:20,380

almost harmless and I think we could be

294

00:12:23,880 --> 00:12:22,060

spending a lot more time and I think

295

00:12:26,880 --> 00:12:23,890

like a lot of the you know things like

296

00:12:28,470 --> 00:12:26,890

horoscopes and there's psychics that you

297

00:12:30,420 --> 00:12:28,480

get in magazines and stuff it is

298

00:12:31,890 --> 00:12:30,430

basically harmless there are other

299

00:12:33,450 --> 00:12:31,900

psychics who are obviously a real

300

00:12:34,920 --> 00:12:33,460

problem they're actual grief vampires

301  
00:12:36,300 --> 00:12:34,930  
the people that are scamming money out

302  
00:12:37,680 --> 00:12:36,310  
of people but if all they're doing is

303  
00:12:41,040 --> 00:12:37,690  
writing a thing in with a woman's day

304  
00:12:43,140 --> 00:12:41,050  
saying you know I think that Drew

305  
00:12:45,780 --> 00:12:43,150  
Barrymore is going to have a baby this

306  
00:12:46,650 --> 00:12:45,790  
year oh well because they'd all want to

307  
00:12:47,880 --> 00:12:46,660  
see that's no different all the

308  
00:12:48,990 --> 00:12:47,890  
journalists in those magazines are doing

309  
00:12:50,730 --> 00:12:49,000  
themselves they're just making up as

310  
00:12:52,170 --> 00:12:50,740  
they go along that's true that's a good

311  
00:12:54,360 --> 00:12:52,180  
point and Drew Barrymore's coming to

312  
00:12:55,740 --> 00:12:54,370  
Australia shortly to tour for her makeup

313  
00:12:57,570 --> 00:12:55,750

range she's doing something in the Bondi

314

00:12:59,340 --> 00:12:57,580

icebergs in about a month or so you're a

315

00:13:00,540 --> 00:12:59,350

fountain of knowledge Maynard well she

316

00:13:02,130 --> 00:13:00,550

rang me she wanted to go on the date I

317

00:13:03,960 --> 00:13:02,140

said okay but you gotta sign that

318

00:13:05,100 --> 00:13:03,970

Playboy magazine would you undercover so

319

00:13:06,960 --> 00:13:05,110

you know who does it might not happen

320

00:13:10,620 --> 00:13:06,970

yet you know she's willable whisp you

321

00:13:12,450 --> 00:13:10,630

know between me and Tom Green there for

322

00:13:14,250 --> 00:13:12,460

a while it was touch-and-go mainly go

323

00:13:16,890 --> 00:13:14,260

and what do you think the skeptics

324

00:13:18,120 --> 00:13:16,900

should give get in the boot to to

325

00:13:20,910 --> 00:13:18,130

concentrate on something to kick a bit

326

00:13:25,450 --> 00:13:20,920

harder I'm not sure I would draw the

327

00:13:28,810 --> 00:13:25,460

line on a particular topic of were

328

00:13:30,250 --> 00:13:28,820

I I think I think we could do a lot in

329

00:13:33,329 --> 00:13:30,260

terms of I'm not sure how well I can

330

00:13:37,450 --> 00:13:33,339

articulate this but um purity of bubble

331

00:13:40,810 --> 00:13:37,460

trying trying to get rid of people who

332

00:13:43,050 --> 00:13:40,820

have differing views I think although it

333

00:13:45,370 --> 00:13:43,060

can be extremely exhausting I think

334

00:13:48,300 --> 00:13:45,380

keeping contact with people who have

335

00:13:50,380 --> 00:13:48,310

differing views so that you can slowly

336

00:13:52,660 --> 00:13:50,390

expose them to different ways of

337

00:13:54,730 --> 00:13:52,670

thinking but I do have to be very

338

00:13:56,560 --> 00:13:54,740

careful with that I do like that I

339

00:13:58,240 --> 00:13:56,570

always like talking to people with a

340

00:13:59,740 --> 00:13:58,250

range of views and I see what you mean

341

00:14:00,970 --> 00:13:59,750

because I was like hearing why people

342

00:14:04,090 --> 00:14:00,980

believe what they believe and I find

343

00:14:07,269 --> 00:14:04,100

that fascinating yeah I had a friend on

344

00:14:12,190 --> 00:14:07,279

Facebook for a while who was a an Isis

345

00:14:14,380 --> 00:14:12,200

supporter until he blocked me wow that

346

00:14:17,740 --> 00:14:14,390

was fun like if an Isis supporter

347

00:14:22,000 --> 00:14:17,750

blocked you how hard glory you not very

348

00:14:25,150 --> 00:14:22,010

but I certainly wasn't buying what they

349

00:14:26,829 --> 00:14:25,160

were selling wow that's a pretty extreme

350

00:14:28,990 --> 00:14:26,839

example of it there well that's good dog

351  
00:14:30,579 --> 00:14:29,000  
so listen to everybody but like keep an

352  
00:14:33,329 --> 00:14:30,589  
eye out that's what you say hey yeah

353  
00:14:36,130 --> 00:14:33,339  
yeah but but yeah don't just don't just

354  
00:14:38,790 --> 00:14:36,140  
don't don't push a conversation so far

355  
00:14:41,110 --> 00:14:38,800  
that you drive people away from engaging

356  
00:14:43,680 --> 00:14:41,120  
because then you're just isolating them

357  
00:14:46,600 --> 00:14:43,690  
you're just creating these separate

358  
00:14:48,640 --> 00:14:46,610  
communities and they will find each

359  
00:14:51,550 --> 00:14:48,650  
other and build up their strength with

360  
00:14:53,079 --> 00:14:51,560  
each other rather than you know mixing

361  
00:14:55,220 --> 00:14:53,089  
with you and their and more reasonable

362  
00:14:58,650 --> 00:14:55,230  
points of view

363  
00:15:00,300 --> 00:14:58,660

there we go snuggling hello and look

364

00:15:01,740 --> 00:15:00,310

I've been asking people what we know

365

00:15:03,240 --> 00:15:01,750

skeptics should go a bit easy on their

366

00:15:04,170 --> 00:15:03,250

to concentrate on one of the some of the

367

00:15:08,100 --> 00:15:04,180

things they should give away the

368

00:15:09,690 --> 00:15:08,110

extra-terrestrial hypothesis perhaps I'm

369

00:15:11,160 --> 00:15:09,700

changing I'm not changing the question

370

00:15:12,720 --> 00:15:11,170

completely but I'm just gonna change it

371

00:15:14,400 --> 00:15:12,730

because I'm not really sure I feel like

372

00:15:18,060 --> 00:15:14,410

the medicine stuff is more important

373

00:15:20,180 --> 00:15:18,070

than dealing with UFOs and and the

374

00:15:23,940 --> 00:15:20,190

Bigfoot worker they call it in Australia

375

00:15:25,440 --> 00:15:23,950

the Yowie however you know it all comes

376

00:15:27,600 --> 00:15:25,450

slightly hand-in-hand because if people

377

00:15:29,400 --> 00:15:27,610

are believing stuff like aliens and

378

00:15:30,810 --> 00:15:29,410

Yowies then they're more likely to be

379

00:15:33,990 --> 00:15:30,820

believing the alternative medicine stuff

380

00:15:37,680 --> 00:15:34,000

- on a personal level I feel like I I

381

00:15:39,390 --> 00:15:37,690

have to censor myself sometimes with who

382

00:15:39,660 --> 00:15:39,400

I'm speaking to and what I'm talking

383

00:15:42,450 --> 00:15:39,670

about

384

00:15:45,420 --> 00:15:42,460

you can't fight every battle you have to

385

00:15:46,920 --> 00:15:45,430

pick your battles so I know for example

386

00:15:48,420 --> 00:15:46,930

if my mother tells me something about

387

00:15:50,010 --> 00:15:48,430

some homeopathy she's picked up or

388

00:15:51,960 --> 00:15:50,020

whatever that I can actually with her

389

00:15:53,250 --> 00:15:51,970

tell it like it is and I can tell her

390

00:15:54,780 --> 00:15:53,260

exactly what it is and I can make sure

391

00:15:56,670 --> 00:15:54,790

she or she'll trust me and she'll

392

00:15:58,620 --> 00:15:56,680

believe me but with certain people at

393

00:16:01,200 --> 00:15:58,630

work I know that it's just not worth the

394

00:16:02,820 --> 00:16:01,210

argument so it's it's it's good to sow

395

00:16:04,680 --> 00:16:02,830

the seeds and make them think about it

396

00:16:06,480 --> 00:16:04,690

and question them about it but sometimes

397

00:16:09,270 --> 00:16:06,490

I really have to bite my tongue and just

398

00:16:11,370 --> 00:16:09,280

stop myself just for the sake of being

399

00:16:13,500 --> 00:16:11,380

civil with people you're gonna see the

400

00:16:15,120 --> 00:16:13,510

next day and the next day and when the

401  
00:16:16,350 --> 00:16:15,130  
paper comes out with the astrology or

402  
00:16:18,090 --> 00:16:16,360  
whatever you there you're gonna have the

403  
00:16:20,400 --> 00:16:18,100  
argument at the same time every day

404  
00:16:22,230 --> 00:16:20,410  
absolutely I opened an umbrella today in

405  
00:16:24,470 --> 00:16:22,240  
class and half my class went oh my gosh

406  
00:16:26,269 --> 00:16:24,480  
mace that is bad luck

407  
00:16:29,689 --> 00:16:26,279  
yeah okay so we had a conversation about

408  
00:16:31,490 --> 00:16:29,699  
that oh now what do you think then there

409  
00:16:33,259 --> 00:16:31,500  
should be maybe get having less

410  
00:16:38,120 --> 00:16:33,269  
attention so that more attention can be

411  
00:16:39,620 --> 00:16:38,130  
paid more important issues yeah you said

412  
00:16:41,720 --> 00:16:39,630  
people who said before about thinking

413  
00:16:44,449 --> 00:16:41,730

about it was I mean if I sort of had the

414

00:16:45,800 --> 00:16:44,459

view that if you let one thing slip then

415

00:16:47,660 --> 00:16:45,810

you just let the next thing sit and

416

00:16:50,389 --> 00:16:47,670

where do you stop let anything slip your

417

00:16:52,250 --> 00:16:50,399

hand so exactly so you know generally

418

00:16:55,069 --> 00:16:52,260

I'm the sort of put in me my particular

419

00:16:56,660 --> 00:16:55,079

work I pick things up fairly I don't let

420

00:16:58,879 --> 00:16:56,670

things slide so somebody said something

421

00:16:59,900 --> 00:16:58,889

that I think he's well let's say for a

422

00:17:02,090 --> 00:16:59,910

bit of word

423

00:17:05,750 --> 00:17:02,100

I pull them up and I ask exactly what

424

00:17:08,510 --> 00:17:05,760

he's going on so I don't I don't

425

00:17:10,100 --> 00:17:08,520

particularly enjoy people having a

426

00:17:13,819 --> 00:17:10,110

particular view that doesn't can't be

427

00:17:15,559 --> 00:17:13,829

based up or can be backed up and so

428

00:17:16,730 --> 00:17:15,569

there's a lot of you know double

429

00:17:18,289 --> 00:17:16,740

searching if somebody comes up with a

430

00:17:21,110 --> 00:17:18,299

particular fact or reasoning behind

431

00:17:24,199 --> 00:17:21,120

something then there has to be a basis

432

00:17:25,730 --> 00:17:24,209

of why they believe it and I just turned

433

00:17:28,309 --> 00:17:25,740

the question around a little bit so what

434

00:17:30,500 --> 00:17:28,319

is the the incorrect facts that get your

435

00:17:31,760 --> 00:17:30,510

goat the most so if it was like it's

436

00:17:33,230 --> 00:17:31,770

like a time management thing you've got

437

00:17:34,940 --> 00:17:33,240

a whole range of things here that you

438

00:17:36,200 --> 00:17:34,950

could have an argument about what's the

439

00:17:38,840 --> 00:17:36,210

one that would attract you to argue

440

00:17:41,960 --> 00:17:38,850

about the most the issue people that say

441

00:17:44,210 --> 00:17:41,970

like oh my might say this was

442

00:17:46,820 --> 00:17:44,220

you know people the people that take

443

00:17:56,570 --> 00:17:46,830

anecdotal evidence as pure fact on that

444

00:17:58,070 --> 00:17:56,580

face value well here at the bar and of

445

00:18:00,860 --> 00:17:58,080

course it's a big night we were going to

446

00:18:02,869 --> 00:18:00,870

be talking about the Apollo moon program

447

00:18:03,889 --> 00:18:02,879

we carry Doherty I'm looking forward to

448

00:18:04,940 --> 00:18:03,899

this we've got someone who really knows

449

00:18:06,230 --> 00:18:04,950

with the talking about in tonight

450

00:18:07,909 --> 00:18:06,240

absolutely I'm looking forward to a -

451  
00:18:10,190 --> 00:18:07,919  
it's about space they are the fake moon

452  
00:18:13,759 --> 00:18:10,200  
landing yes that's a damn good footprint

453  
00:18:15,139 --> 00:18:13,769  
but on the moon bottom the big question

454  
00:18:17,029 --> 00:18:15,149  
we've been asking people is what should

455  
00:18:18,830 --> 00:18:17,039  
skeptics maybe let go of to concentrate

456  
00:18:20,269 --> 00:18:18,840  
on some bigger issues or you know pick

457  
00:18:21,529 --> 00:18:20,279  
more important panels there what do you

458  
00:18:23,690 --> 00:18:21,539  
reckon should be let go some of the

459  
00:18:26,869 --> 00:18:23,700  
longtime stuff that you skeptics have

460  
00:18:28,730 --> 00:18:26,879  
been banging on about since the 80s let

461  
00:18:31,850 --> 00:18:28,740  
go of them they like my children

462  
00:18:33,440 --> 00:18:31,860  
oh yeah well children do I prefer did

463  
00:18:35,090 --> 00:18:33,450

you really be spending much time on I

464

00:18:36,590 --> 00:18:35,100

strategy now you know it probably

465

00:18:38,600 --> 00:18:36,600

astrology's have you did I actually

466

00:18:41,600 --> 00:18:38,610

still have a soft spot for the Loch Ness

467

00:18:43,249 --> 00:18:41,610

monster and I really I would hate to

468

00:18:45,529 --> 00:18:43,259

lose that one but maybe I keep that one

469

00:18:46,970 --> 00:18:45,539

to myself yeah it could be a private

470

00:18:48,499 --> 00:18:46,980

little kind of thing if you like to have

471

00:18:50,690 --> 00:18:48,509

a battle with there me and my monster

472

00:18:52,369 --> 00:18:50,700

together because Loch Ness is a great

473

00:18:54,590 --> 00:18:52,379

place but if you go to any Lough Neagh

474

00:18:55,909 --> 00:18:54,600

there they're all pretty good look and

475

00:18:57,200 --> 00:18:55,919

it doesn't really matter and it doesn't

476

00:18:58,490 --> 00:18:57,210

really have to even be Scotland actually

477

00:18:59,869 --> 00:18:58,500

got a while and they got them - they're

478

00:19:01,159 --> 00:18:59,879

gonna be in Canada they've probably got

479

00:19:04,580 --> 00:19:01,169

to be here as well but they're bunyips

480

00:19:06,830 --> 00:19:04,590

here ok so you reckon sort of you don't

481

00:19:09,019 --> 00:19:06,840

want you don't wanna let go video I love

482

00:19:10,399 --> 00:19:09,029

them all I love them all equally I'd

483

00:19:12,169 --> 00:19:10,409

hate to say that I love one less than

484

00:19:13,820 --> 00:19:12,179

the other but I mean probably we should

485

00:19:15,549 --> 00:19:13,830

concentrate on the big issues that's so

486

00:19:18,710 --> 00:19:15,559

boring though everyone says that

487

00:19:24,830 --> 00:19:18,720

anti-vaxxers chiropractic the the altmed

488

00:19:29,600 --> 00:19:26,899

I'm he would carry dhoti thank you for

489

00:19:30,110 --> 00:19:29,610

your great informative chat I'm glad you

490

00:19:31,909 --> 00:19:30,120

enjoyed it

491

00:19:33,080 --> 00:19:31,919

a lot of information to get in there and

492

00:19:34,249 --> 00:19:33,090

a lot of stuff that would be hard to

493

00:19:35,659 --> 00:19:34,259

find because they would've taken a few

494

00:19:38,149 --> 00:19:35,669

official photos and then moved on

495

00:19:40,519 --> 00:19:38,159

wouldn't they pretty much yeah the I

496

00:19:42,590 --> 00:19:40,529

mean my talk was called you know the

497

00:19:44,930 --> 00:19:42,600

dish was not the whole story very

498

00:19:47,119 --> 00:19:44,940

specifically because we loved the movie

499

00:19:49,489 --> 00:19:47,129

the dish but it is only a movie and

500

00:19:50,989 --> 00:19:49,499

there's a much broader story that's part

501  
00:19:53,539 --> 00:19:50,999  
of Australia's involvement with the

502  
00:19:56,450 --> 00:19:53,549  
Apollo program but it's hard to find it

503  
00:19:59,060 --> 00:19:56,460  
brought together in one place except if

504  
00:20:01,909 --> 00:19:59,070  
I can give a blatant plug to my own book

505  
00:20:04,519 --> 00:20:01,919  
yes yes which is called Australia in

506  
00:20:06,200 --> 00:20:04,529  
space where I've actually set out that

507  
00:20:07,999 --> 00:20:06,210  
story of Australia's involvement with

508  
00:20:10,190 --> 00:20:08,009  
the Apollo program I was just watching

509  
00:20:11,899 --> 00:20:10,200  
them building all the huge dishes around

510  
00:20:14,600 --> 00:20:11,909  
Australia for Communications and I

511  
00:20:16,489 --> 00:20:14,610  
thought hang on a minute this is when

512  
00:20:18,409 --> 00:20:16,499  
they were first developing their nuclear

513  
00:20:19,609 --> 00:20:18,419

first-strike capability as well so what

514

00:20:21,470 --> 00:20:19,619

any of those have been used for

515

00:20:23,539 --> 00:20:21,480

communications for American defence

516

00:20:26,779 --> 00:20:23,549

purposes as well not that not the net

517

00:20:29,840 --> 00:20:26,789

solutions the United States was actually

518

00:20:32,600 --> 00:20:29,850

at that time developing a defense

519

00:20:34,100 --> 00:20:32,610

communication system and in fact there

520

00:20:37,519 --> 00:20:34,110

was a very early program they were

521

00:20:39,200 --> 00:20:37,529

looking at that for a while they looked

522

00:20:44,119 --> 00:20:39,210

at having a ground station on Manus

523

00:20:46,519 --> 00:20:44,129

Island in PNG but no none of the nurses

524

00:20:50,869 --> 00:20:46,529

stations certainly in that period were

525

00:20:52,009 --> 00:20:50,879

used for military communications if

526  
00:20:53,869 --> 00:20:52,019  
they're going back to the moon as you

527  
00:20:55,190 --> 00:20:53,879  
mentioned earlier there and what will

528  
00:20:57,289 --> 00:20:55,200  
they have to use in Australia this time

529  
00:20:59,060 --> 00:20:57,299  
because obviously the earth still a

530  
00:21:01,629 --> 00:20:59,070  
sphere so they've got to use bits of it

531  
00:21:03,859 --> 00:21:01,639  
haven't they well NASA actually has a

532  
00:21:06,169 --> 00:21:03,869  
satellite network that they use for all

533  
00:21:07,970 --> 00:21:06,179  
their orbital communications now that's

534  
00:21:10,609 --> 00:21:07,980  
why most of the tracking stations in

535  
00:21:13,009 --> 00:21:10,619  
Australia accept that Tidbinbilla which

536  
00:21:14,899 --> 00:21:13,019  
is for the deep space network all the

537  
00:21:16,909 --> 00:21:14,909  
others was shut down many years ago

538  
00:21:19,549 --> 00:21:16,919

because they were made redundant by this

539

00:21:21,590 --> 00:21:19,559

satellite network but for lunar

540

00:21:24,649 --> 00:21:21,600

communications they're still going to

541

00:21:27,220 --> 00:21:24,659

need facilities like Tidbinbilla and I'm

542

00:21:30,159 --> 00:21:27,230

I'm not I actually don't know

543

00:21:32,980 --> 00:21:30,169

assuming that they will probably the

544

00:21:35,289 --> 00:21:32,990

additional dishes constructed in order

545

00:21:37,090 --> 00:21:35,299

to you know provide that extra

546

00:21:39,340 --> 00:21:37,100

communications because you've met you

547

00:21:41,049 --> 00:21:39,350

mentioned about how the TV signal

548

00:21:42,730 --> 00:21:41,059

degraded to because it was analog

549

00:21:44,650 --> 00:21:42,740

communications every time everything had

550

00:21:46,030 --> 00:21:44,660

a hop between a signal there was a bit

551

00:21:47,140 --> 00:21:46,040

of a degradation and this is actually

552

00:21:49,000 --> 00:21:47,150

been one of the things that comes up in

553

00:21:51,100 --> 00:21:49,010

the conspiracy to about the moon-landing

554

00:21:52,900 --> 00:21:51,110

in that why doesn't look any good well

555

00:21:54,789 --> 00:21:52,910

because there was no other way to do it

556

00:21:55,990 --> 00:21:54,799

yeah well that's exactly right that the

557

00:21:57,400 --> 00:21:56,000

technology of the time was the

558

00:22:01,299 --> 00:21:57,410

technology of the time and it had

559

00:22:02,860 --> 00:22:01,309

certain limitations but as on my talk

560

00:22:05,049 --> 00:22:02,870

tonight you would have seen those images

561

00:22:07,030 --> 00:22:05,059

where the actual image is coming back

562

00:22:10,180 --> 00:22:07,040

from the moon were actually somewhat

563

00:22:12,070 --> 00:22:10,190

clearer than what we see on what we saw

564

00:22:14,289 --> 00:22:12,080

on television all the contrast is being

565

00:22:16,450 --> 00:22:14,299

lost yeah because that's right because

566

00:22:18,820 --> 00:22:16,460

of all that degradation being converted

567

00:22:21,789 --> 00:22:18,830

to American system television being sent

568

00:22:24,640 --> 00:22:21,799

by a landline and via satellite from

569

00:22:26,140 --> 00:22:24,650

Australia to the United States so all of

570

00:22:27,789 --> 00:22:26,150

those things were contributing to a loss

571

00:22:28,930 --> 00:22:27,799

of signal along the way

572

00:22:30,549 --> 00:22:28,940

we had a lot of really interesting

573

00:22:32,409 --> 00:22:30,559

information in your talk there what

574

00:22:34,210 --> 00:22:32,419

would be the lesson we should take away

575

00:22:37,659 --> 00:22:34,220

from the from signals from Australia's

576

00:22:39,490 --> 00:22:37,669

history I think the the lesson that we

577

00:22:43,030 --> 00:22:39,500

should take away is that you know

578

00:22:46,600 --> 00:22:43,040

Australia can do world-class space

579

00:22:49,840 --> 00:22:46,610

related communications what do you think

580

00:22:51,520 --> 00:22:49,850

our proudest moment should be oh there's

581

00:22:53,169 --> 00:22:51,530

plenty in there some of the ones are

582

00:22:56,740 --> 00:22:53,179

most dramatic is Apollo but are fairly

583

00:22:59,409 --> 00:22:56,750

breathhtaking actually if let's leave

584

00:23:01,620 --> 00:22:59,419

aside Apollo 11 for a minute I think it

585

00:23:04,299 --> 00:23:01,630

has to be the rescue of Apollo 13

586

00:23:06,760 --> 00:23:04,309

because of the the work that was done

587

00:23:11,049 --> 00:23:06,770

here in Australia at honeysuckle and

588

00:23:13,299 --> 00:23:11,059

parks to really untangle the the signal

589

00:23:14,919 --> 00:23:13,309

problems that they had with the lunar

590

00:23:16,450 --> 00:23:14,929

module and the problems with a

591

00:23:18,490 --> 00:23:16,460

conflicting beacon that was coming from

592

00:23:19,870 --> 00:23:18,500

the Saturn 5 stage yes because it was a

593

00:23:20,900 --> 00:23:19,880

very close frequency so it was

594

00:23:22,640 --> 00:23:20,910

interference right

595

00:23:25,130 --> 00:23:22,650

so you know the work they did with that

596

00:23:27,500 --> 00:23:25,140

particularly at parks in you know being

597

00:23:29,360 --> 00:23:27,510

able to tease out that that very faint

598

00:23:31,490 --> 00:23:29,370

signal from a lot of a lot of noise and

599

00:23:32,930 --> 00:23:31,500

interference was really quite

600

00:23:34,700 --> 00:23:32,940

significant you know it was a major

601  
00:23:36,410 --> 00:23:34,710  
contribution to actually being able to

602  
00:23:38,270 --> 00:23:36,420  
save the mission then and what is the

603  
00:23:40,700 --> 00:23:38,280  
book again please and who published it

604  
00:23:44,630 --> 00:23:40,710  
book is called Australia in space and

605  
00:23:46,400 --> 00:23:44,640  
the publisher is ATF ATF press they're

606  
00:23:48,950 --> 00:23:46,410  
in Adelaide they're local publisher and

607  
00:23:51,080 --> 00:23:48,960  
you can order it online through their

608  
00:23:52,940 --> 00:23:51,090  
website I want to think we should get

609  
00:23:56,180 --> 00:23:52,950  
excited about next in the Australia's

610  
00:23:59,150 --> 00:23:56,190  
adventures in space well I think we need

611  
00:24:01,010 --> 00:23:59,160  
to get excited about where the having

612  
00:24:04,010 --> 00:24:01,020  
the space agency is going to take us in

613  
00:24:05,720 --> 00:24:04,020

the future well that's it that's a wrap

614

00:24:08,090 --> 00:24:05,730

first get picked in the pub for April

615

00:24:10,190 --> 00:24:08,100

we've been to space we've been to the

616

00:24:11,750 --> 00:24:10,200

bar we've been downstairs and looked at

617

00:24:12,860 --> 00:24:11,760

the future traders drinking at the bar

618

00:24:15,050 --> 00:24:12,870

and let me show that's not a place you

619

00:24:17,060 --> 00:24:15,060

want to be a doctor Dental on a Thursday

620

00:24:20,570 --> 00:24:17,070

night but we'll be back oh hang on so

621

00:24:21,920 --> 00:24:20,580

next month join us the first Thursday in

622

00:24:24,040 --> 00:24:21,930

May at skeptics in the pub you at the

623

00:24:27,380 --> 00:24:24,050

Occidental hotel we'll be talking about

624

00:24:29,060 --> 00:24:27,390

the science of rips that's right if you

625

00:24:31,670 --> 00:24:29,070

go out an Australian surf should you

626  
00:24:32,870 --> 00:24:31,680  
swim across should use float and weight

627  
00:24:34,850 --> 00:24:32,880  
you go out to sea and come back again

628  
00:24:36,650 --> 00:24:34,860  
all of those theories and they're

629  
00:24:38,990 --> 00:24:36,660  
competing reasons why you shouldn't

630  
00:24:42,080 --> 00:24:39,000  
shouldn't do them will be discussed next

631  
00:24:44,570 --> 00:24:42,090  
month in skeptics of the pub skeptics in

632  
00:24:47,240 --> 00:24:44,580  
the pub in the pub I'm skeptic of the

633  
00:24:49,340 --> 00:24:47,250  
pub well of this particular day yeah

634  
00:25:03,980 --> 00:24:49,350  
they put us on the wrong floor okay and

635  
00:25:03,990 --> 00:25:14,470  
[Music]

636  
00:25:18,650 --> 00:25:16,850  
here's some news from our friends at the

637  
00:25:23,140 --> 00:25:18,660  
Victorian skeptics international

638  
00:25:26,410 --> 00:25:23,150

podcasters - keynote at skeptic on 2019

639

00:25:31,580 --> 00:25:29,750

The News says we are thrilled to

640

00:25:33,650 --> 00:25:31,590

announce that the entire team from the

641

00:25:35,930 --> 00:25:33,660

acclaimed international podcast the

642

00:25:38,690 --> 00:25:35,940

skeptics guide to the universe are to be

643

00:25:40,760 --> 00:25:38,700

the keynote speakers at skeptic on 2019

644

00:25:43,250 --> 00:25:40,770

the skeptics guide to the universe or

645

00:25:45,410 --> 00:25:43,260

SGU as it's known is one of the most

646

00:25:47,750 --> 00:25:45,420

popular and respected podcasts on

647

00:25:50,390 --> 00:25:47,760

critical thinking reason and the public

648

00:25:53,150 --> 00:25:50,400

understanding of science the first

649

00:25:56,480 --> 00:25:53,160

episode of the SGU podcast went online

650

00:25:58,940 --> 00:25:56,490

on the 4th of May 2005 and today is one

651  
00:26:00,010 --> 00:25:58,950  
of the most popular science podcasts on

652  
00:26:03,770 --> 00:26:00,020  
iTunes

653  
00:26:05,930 --> 00:26:03,780  
the SGU team is also the authors of the

654  
00:26:08,390 --> 00:26:05,940  
best-selling the skeptics guide to the

655  
00:26:11,600 --> 00:26:08,400  
universe how to know what's really real

656  
00:26:14,630 --> 00:26:11,610  
in a world consistently full of fake as

657  
00:26:16,790 --> 00:26:14,640  
well as listening to the SGU speak

658  
00:26:18,590 --> 00:26:16,800  
delegates will have the opportunity to

659  
00:26:20,780 --> 00:26:18,600  
mix with the team at the conference

660  
00:26:22,880 --> 00:26:20,790  
social events including the Friday night

661  
00:26:26,360 --> 00:26:22,890  
meet-and-greet and Saturday night's

662  
00:26:29,330 --> 00:26:26,370  
conference dinner skeptic on 2019 will

663  
00:26:31,550 --> 00:26:29,340

include a range of other speakers from

664

00:26:33,620 --> 00:26:31,560

the local and international skeptic

665

00:26:36,020 --> 00:26:33,630

community further announcements will be

666

00:26:38,690 --> 00:26:36,030

made in the coming weeks early bird

667

00:26:45,190 --> 00:26:38,700

tickets for skeptic on 2019 will be

668

00:26:49,129 --> 00:26:47,419

you can read that and get some more

669

00:26:53,119 --> 00:26:49,139

information about the conference in

670

00:26:59,029 --> 00:26:53,129

general by visiting skeptic on org dot

671

00:27:01,779 --> 00:26:59,039

au and skeptic on 2019 will be held in

672

00:27:33,019 --> 00:27:01,789

Melbourne from the 6th to the 8th of

673

00:27:35,019 --> 00:27:33,029

December 2019 and joining me now on the

674

00:27:38,419 --> 00:27:35,029

line all the way from Sydney Australia

675

00:27:41,029 --> 00:27:38,429

it's Tim Mendham hello Tim a very could

676

00:27:42,950 --> 00:27:41,039

I say all the way from Sydney Australia

677

00:27:45,019 --> 00:27:42,960

it's sometimes of the day depending on

678

00:27:46,759 --> 00:27:45,029

when you drive the other side of Sydney

679

00:27:51,310 --> 00:27:46,769

Australia can be like going to the far

680

00:27:53,149 --> 00:27:51,320

side of the moon I think they can be now

681

00:27:54,889 --> 00:27:53,159

skeptics and listen is a very familiar

682

00:27:57,320 --> 00:27:54,899

with Tim minimum of course I'm often

683

00:27:58,999 --> 00:27:57,330

reading articles and reports and press

684

00:28:01,669 --> 00:27:59,009

releases from Tim Mendham the editor of

685

00:28:04,369 --> 00:28:01,679

the skeptic magazine and indeed you'll

686

00:28:06,470 --> 00:28:04,379

you would have heard Tim on this week's

687

00:28:09,110 --> 00:28:06,480

episode when he was interviewed by main

688

00:28:11,840 --> 00:28:09,120

islet skeptics in the pub but last week

689

00:28:15,340 --> 00:28:11,850

Tim I read out the report you wrote 30

690

00:28:17,690 --> 00:28:15,350

years ago about the very first

691

00:28:20,889 --> 00:28:17,700

mind/body/spirit in Sydney what do you

692

00:28:23,960 --> 00:28:20,899

recall from that 30 years ago much

693

00:28:27,950 --> 00:28:23,970

rather dates me doesn't it it does the

694

00:28:30,430 --> 00:28:27,960

interesting thing is it's a basic same

695

00:28:35,480 --> 00:28:30,440

products and things the same sort of

696

00:28:37,070 --> 00:28:35,490

lack of incisive review of the products

697

00:28:39,860 --> 00:28:37,080

they have been the crystals and the

698

00:28:41,389 --> 00:28:39,870

therapies and the psychics and and the

699

00:28:44,480 --> 00:28:41,399

classics or the stuff that goes with a

700

00:28:45,950 --> 00:28:44,490

new age type festival no I've seen over

701

00:28:48,889 --> 00:28:45,960

the years I guess I've been going for

702

00:28:51,440 --> 00:28:48,899

about 10 plus years regularly I've

703

00:28:54,289 --> 00:28:51,450

certainly seen things come and go you

704

00:28:56,989 --> 00:28:54,299

know a odd little new age whatever's

705

00:28:58,699 --> 00:28:56,999

more a device or a machine or a mandala

706

00:29:01,609 --> 00:28:58,709

but there are some evergreens out there

707

00:29:02,899 --> 00:29:01,619

there always are and which is rather sad

708

00:29:05,359 --> 00:29:02,909

that some of these things never change

709

00:29:07,489 --> 00:29:05,369

the crystals were there at enforce the

710

00:29:09,169 --> 00:29:07,499

the aromas the little burning of incense

711

00:29:10,759 --> 00:29:09,179

that sort of stuff obviously the

712

00:29:13,789 --> 00:29:10,769

psychics themselves they have a big room

713

00:29:16,009 --> 00:29:13,799

put aside for our musty about twenty

714

00:29:19,339 --> 00:29:16,019

thirty psychics all sort of taking

715

00:29:21,859 --> 00:29:19,349

readings constantly yeah there's the

716

00:29:23,299 --> 00:29:21,869

meditation people are there and one of

717

00:29:25,429 --> 00:29:23,309

the things that does change is probably

718

00:29:27,289 --> 00:29:25,439

all the the IT stuff is now coming in a

719

00:29:29,149 --> 00:29:27,299

bit more obviously thirty years ago

720

00:29:30,829 --> 00:29:29,159

there wasn't a lot of personal computers

721

00:29:33,169 --> 00:29:30,839

and people doing that sort of analysis

722

00:29:35,299 --> 00:29:33,179

and that's propping up now using those

723

00:29:36,499 --> 00:29:35,309

sort of tools rather than people's

724

00:29:38,629 --> 00:29:36,509

psychic powers

725

00:29:40,099 --> 00:29:38,639

well it's your help yeah that you make a

726

00:29:42,619 --> 00:29:40,109

good point because one of the things

727

00:29:46,429 --> 00:29:42,629

we've noticed in the past all four four

728

00:29:48,799 --> 00:29:46,439

years three four years is this device

729

00:29:50,989 --> 00:29:48,809

where one of them is called the Metatron

730

00:29:53,599 --> 00:29:50,999

and for people not familiar it's like a

731

00:29:55,849 --> 00:29:53,609

laptop computer you hook up by a pair of

732

00:29:58,969 --> 00:29:55,859

headphones to your head and the idea is

733

00:30:00,739 --> 00:29:58,979

it sends vibrations from the laptop

734

00:30:02,749 --> 00:30:00,749

through your body bounce back through

735

00:30:04,939 --> 00:30:02,759

the headphones and display your organs

736

00:30:06,559 --> 00:30:04,949

on the screen I take it they were there

737

00:30:08,389 --> 00:30:06,569

again they were there again

738

00:30:11,059 --> 00:30:08,399

yes yeah they're really out there sort

739

00:30:12,229 --> 00:30:11,069

of doing exactly that they were the sort

740

00:30:13,939 --> 00:30:12,239

of people using differences with the

741

00:30:14,989 --> 00:30:13,949

Scientologist were they well that's

742

00:30:17,119 --> 00:30:14,999

interesting you should say that because

743

00:30:19,339 --> 00:30:17,129

in the article I read out last week from

744

00:30:21,559 --> 00:30:19,349

30 years ago they were there as well

745

00:30:27,109 --> 00:30:21,569

yeah and they're still using their a

746

00:30:30,079 --> 00:30:27,119

meter and the fellow I was with went

747

00:30:32,179 --> 00:30:30,089

down and I went for a reading a test of

748

00:30:35,089 --> 00:30:32,189

his stress levels etc which is basically

749

00:30:37,159 --> 00:30:35,099

what the email is suppose mm-hmm and he

750

00:30:38,899 --> 00:30:37,169

told them yes a lot of untruths would

751

00:30:42,019 --> 00:30:38,909

say obviously couldn't differentiate

752

00:30:43,849 --> 00:30:42,029

from any truth that people have a mater

753

00:30:46,429 --> 00:30:43,859

just finds what it wants to find or what

754

00:30:47,419 --> 00:30:46,439

the operator wanted to find yes doesn't

755

00:30:51,099 --> 00:30:47,429

matter if you're telling the truth or

756

00:30:53,539 --> 00:30:51,109

not it's just it's just a gimmick and

757

00:30:55,159 --> 00:30:53,549

again you mentioned before it is this

758

00:30:57,679 --> 00:30:55,169

it's a lot of the same things like

759

00:31:00,609 --> 00:30:57,689

crystal healing a lot of crystal healing

760

00:31:04,069 --> 00:31:00,619

a lot of spiritualists a lot of

761

00:31:06,680 --> 00:31:04,079

supposedly Eastern Tibetan philosophies

762

00:31:08,659 --> 00:31:06,690

and that sort of stuff meditation based

763

00:31:10,610 --> 00:31:08,669

there was an organization doing

764

00:31:12,200 --> 00:31:10,620

meditation sessions

765

00:31:14,810 --> 00:31:12,210

very friendly actually I must have it

766

00:31:16,640 --> 00:31:14,820

when I went in for a minute or 10 minute

767

00:31:20,120 --> 00:31:16,650

meditation session was rather hard as

768

00:31:22,820 --> 00:31:20,130

you would know you go to the mind body

769

00:31:24,230 --> 00:31:22,830

while it's things are very noisy mm-hmm

770

00:31:25,640 --> 00:31:24,240

a lot of people making noises a lot of

771

00:31:27,169 --> 00:31:25,650

people talking away so so trying to

772

00:31:27,850 --> 00:31:27,179

meditate in that sort of environment is

773

00:31:33,649 --> 00:31:27,860

not easy

774

00:31:36,440 --> 00:31:33,659

whereas they were probably pretty

775

00:31:38,659 --> 00:31:36,450

well-meaning it's just pure meditation

776

00:31:40,909 --> 00:31:38,669

really there's no you extra special but

777

00:31:43,070 --> 00:31:40,919

there are other areas where you see the

778

00:31:46,519 --> 00:31:43,080

things that protect you from radiation

779

00:31:48,710 --> 00:31:46,529

from phone yes my radiation is there yes

780

00:31:49,880 --> 00:31:48,720

over there again the ones that you plug

781

00:31:53,000 --> 00:31:49,890

in the wall where there's nothing inside

782

00:31:55,310 --> 00:31:53,010

them just protect you from radiation a

783

00:31:57,169 --> 00:31:55,320

different group although we dealt with

784

00:31:58,279 --> 00:31:57,179

some of these people before yeah but a

785

00:32:01,039 --> 00:31:58,289

different group of selling the same

786

00:32:02,899 --> 00:32:01,049

product really yeah this is all based on

787

00:32:05,930 --> 00:32:02,909

this wonderful thing called all gone

788

00:32:08,240 --> 00:32:05,940

energy that's right yeah I mean there's

789

00:32:10,870 --> 00:32:08,250

a product called geo cleanse geo cleanse

790

00:32:12,950 --> 00:32:10,880

you use the one you plug into the wall

791

00:32:14,210 --> 00:32:12,960

looks like a double of that or something

792

00:32:15,889 --> 00:32:14,220

but nothing really there's nothing in

793

00:32:18,440 --> 00:32:15,899

there they had the little stickers you

794

00:32:19,730 --> 00:32:18,450

put on phones mobile phones yeah

795

00:32:20,899 --> 00:32:19,740

absolutely nothing but they had a whole

796

00:32:23,330 --> 00:32:20,909

range of these things feels quite

797

00:32:25,909 --> 00:32:23,340

expensive the variations they had of

798

00:32:28,789 --> 00:32:25,919

these things too to protect you another

799

00:32:31,310 --> 00:32:28,799

one that I know you've met before in

800

00:32:34,580 --> 00:32:31,320

very interesting circumstances those are

801  
00:32:36,830 --> 00:32:34,590  
people selling inner soles yo-yo like

802  
00:32:38,630 --> 00:32:36,840  
things to go inside your shoes to

803  
00:32:41,570 --> 00:32:38,640  
actually improve your balance and your

804  
00:32:44,299 --> 00:32:41,580  
strength and he was doing he was doing a

805  
00:32:46,370 --> 00:32:44,309  
test and I would test will you stand

806  
00:32:49,010 --> 00:32:46,380  
there with your hands one fist inside

807  
00:32:50,539 --> 00:32:49,020  
another yes and he pulls you down and

808  
00:32:52,549 --> 00:32:50,549  
show with your balance is and then put

809  
00:32:54,560 --> 00:32:52,559  
you on these two old shoes and can't put

810  
00:32:57,380 --> 00:32:54,570  
you can't pull your cross amazing

811  
00:32:59,360 --> 00:32:57,390  
instead of ten years ago you would have

812  
00:33:01,250 --> 00:32:59,370  
worn the Power Balance wristband these

813  
00:33:04,070 --> 00:33:01,260

days you can use some special insoles

814

00:33:06,350 --> 00:33:04,080

and mystically the same thing happens

815

00:33:11,440 --> 00:33:06,360

the interesting thing was he stressed

816

00:33:12,620 --> 00:33:11,450

very strongly that um he has this TTA

817

00:33:14,299 --> 00:33:12,630

imprimatur

818

00:33:16,340 --> 00:33:14,309

oh yeah on the Therapeutic Goods

819

00:33:18,620 --> 00:33:16,350

Administration that he says yeah I

820

00:33:21,289 --> 00:33:18,630

wouldn't do this unless I had this TTA

821

00:33:23,659 --> 00:33:21,299

you know sort of license if you like

822

00:33:24,530 --> 00:33:23,669

look at the plane he used the Tommies of

823

00:33:26,090 --> 00:33:24,540

course that with the

824

00:33:28,970 --> 00:33:26,100

da listing but all you have to do is

825

00:33:30,980 --> 00:33:28,980

write in and say you do these thing here

826

00:33:33,200 --> 00:33:30,990

mostly it's all computer-based and the

827

00:33:34,730 --> 00:33:33,210

TVA doesn't test all that many of these

828

00:33:37,310 --> 00:33:34,740

things that are just there to be listed

829

00:33:39,950 --> 00:33:37,320

yeah yeah so he was using this though as

830

00:33:41,210 --> 00:33:39,960

a selling point and I think that's

831

00:33:43,160 --> 00:33:41,220

something we should know really closely

832

00:33:46,490 --> 00:33:43,170

because which is what we've been saying

833

00:33:48,140 --> 00:33:46,500

to the TGA for some time is that if they

834

00:33:51,830 --> 00:33:48,150

don't test it anyone can say anything

835

00:33:54,860 --> 00:33:51,840

and claim that if we approve by the TGA

836

00:33:57,080 --> 00:33:54,870

body and and that we've seen them do

837

00:33:58,970 --> 00:33:57,090

this for years they say look see it's

838

00:34:01,850 --> 00:33:58,980

been approved by the government and for

839

00:34:03,500 --> 00:34:01,860

the average punter that means it must

840

00:34:05,330 --> 00:34:03,510

work that's right

841

00:34:08,120 --> 00:34:05,340

but he was stressing this he Bank made

842

00:34:10,400 --> 00:34:08,130

this a big point of his sales pitch yeah

843

00:34:11,840 --> 00:34:10,410

and these things they chill things go

844

00:34:15,320 --> 00:34:11,850

for several hundred dollars so they're

845

00:34:17,870 --> 00:34:15,330

not they're not cheap so but that really

846

00:34:19,760 --> 00:34:17,880

worried me and I know that you've had

847

00:34:22,490 --> 00:34:19,770

dealings with this same fellow before

848

00:34:25,490 --> 00:34:22,500

yes and and many more of their sort of

849

00:34:27,230 --> 00:34:25,500

ilk are doing these balance tests on a

850

00:34:29,570 --> 00:34:27,240

range of products over the years I've

851  
00:34:31,400 --> 00:34:29,580  
seen another thing Tim that I've always

852  
00:34:33,560 --> 00:34:31,410  
noticed over the years and I wonder how

853  
00:34:35,480 --> 00:34:33,570  
it compares to 30 years ago is you'll

854  
00:34:39,169 --> 00:34:35,490  
get stand selling things like some

855  
00:34:41,930 --> 00:34:39,179  
alkaline water or salts or the juices of

856  
00:34:44,780 --> 00:34:41,940  
this and that if far those have changed

857  
00:34:47,270 --> 00:34:44,790  
I mean obviously there's a lot of what a

858  
00:34:48,770 --> 00:34:47,280  
health food stall Farish really knowing

859  
00:34:51,169 --> 00:34:48,780  
all sorts of things even nuga which

860  
00:34:53,720 --> 00:34:51,179  
surprises think oh yeah I don't know how

861  
00:34:55,790 --> 00:34:53,730  
well he does but he asked me to be ok

862  
00:34:57,080 --> 00:34:55,800  
the the medical products the pseudo

863  
00:34:58,880 --> 00:34:57,090

medical products are pseudo health

864

00:35:00,850 --> 00:34:58,890

products I think they change

865

00:35:02,780 --> 00:35:00,860

I must mean I don't recall that many

866

00:35:05,510 --> 00:35:02,790

they're probably worth something that's

867

00:35:07,760 --> 00:35:05,520

from 30 years ago but Sophie they were

868

00:35:09,680 --> 00:35:07,770

they were there this year the salt the

869

00:35:11,990 --> 00:35:09,690

special waters the treated waters the

870

00:35:13,730 --> 00:35:12,000

magic one there were a lot of things

871

00:35:17,000 --> 00:35:13,740

they were talking about energy is and

872

00:35:18,980 --> 00:35:17,010

spirit and infusing yes folks were there

873

00:35:22,010 --> 00:35:18,990

sort of stuff so that's very prevalent

874

00:35:24,980 --> 00:35:22,020

there also we had a chat with someone

875

00:35:27,380 --> 00:35:24,990

who's they were doing a lot of Reiki

876

00:35:29,360 --> 00:35:27,390

plant things well knew yes sitting hands

877

00:35:32,090 --> 00:35:29,370

absolutely all of that going on a people

878

00:35:34,430 --> 00:35:32,100

sort of lying down on benches and beings

879

00:35:37,640 --> 00:35:34,440

that have healed but there's wonderfully

880

00:35:38,390 --> 00:35:37,650

we spoke to who was part of a group they

881

00:35:40,730 --> 00:35:38,400

were doing this

882

00:35:42,289 --> 00:35:40,740

hailing basically all they did he said

883

00:35:45,650 --> 00:35:42,299

there's his holes points on the brain

884

00:35:46,789 --> 00:35:45,660

like meridians in acupuncture but there

885

00:35:48,140 --> 00:35:46,799

were different points there were

886

00:35:49,910 --> 00:35:48,150

different called different things so

887

00:35:51,650 --> 00:35:49,920

they were the same as meridians mmm

888

00:35:53,359 --> 00:35:51,660

basically he said you could do a

889

00:35:56,420 --> 00:35:53,369

training course in one day and then

890

00:35:58,760 --> 00:35:56,430

start practicing and these things were

891

00:36:00,349 --> 00:35:58,770

charging decent money for this like 15

892

00:36:02,930 --> 00:36:00,359

minute session someone would basically

893

00:36:05,089 --> 00:36:02,940

just lie there and the practitioner

894

00:36:07,460 --> 00:36:05,099

would just put their hand on the head or

895

00:36:09,349 --> 00:36:07,470

behind the head like you know top of the

896

00:36:14,089 --> 00:36:09,359

neck that sort of thing and that was it

897

00:36:15,680 --> 00:36:14,099

yeah yeah I could do we've always said

898

00:36:17,260 --> 00:36:15,690

we're in the wrong business team we are

899

00:36:21,620 --> 00:36:17,270

the wrong business

900

00:36:23,599 --> 00:36:21,630

well that's I mean it's it's a regular

901  
00:36:25,339 --> 00:36:23,609  
thing I put myself through where I'm in

902  
00:36:27,140 --> 00:36:25,349  
the country lately I've not always been

903  
00:36:29,390 --> 00:36:27,150  
in the country but a mind body spirit

904  
00:36:32,029 --> 00:36:29,400  
mind body well it is we call of it but

905  
00:36:34,670 --> 00:36:32,039  
folks around the world around the world

906  
00:36:37,670 --> 00:36:34,680  
you are likely to find somewhere near

907  
00:36:39,950 --> 00:36:37,680  
you some sort of New Age festival with

908  
00:36:42,019 --> 00:36:39,960  
psychics and healers and altmed and all

909  
00:36:43,880 --> 00:36:42,029  
sorts of things and we've said Tim for

910  
00:36:45,920 --> 00:36:43,890  
many years that at least once every

911  
00:36:48,950 --> 00:36:45,930  
skeptic owes it to themselves to go

912  
00:36:50,210 --> 00:36:48,960  
along and see what it's like yeah and

913  
00:36:52,549 --> 00:36:50,220

the thing is of course you know you go

914

00:36:55,010 --> 00:36:52,559

there okay maybe more than once every 30

915

00:36:56,870 --> 00:36:55,020

years I have been made more the ones of

916

00:36:58,609 --> 00:36:56,880

you thirty if you have but it's a lot of

917

00:37:00,890 --> 00:36:58,619

stuff that doesn't change and I think is

918

00:37:03,019 --> 00:37:00,900

of course crystals crystals everywhere

919

00:37:05,839 --> 00:37:03,029

my favourite is the pyramid shaped

920

00:37:07,609 --> 00:37:05,849

crystals they're covering up a lot of a

921

00:37:09,260 --> 00:37:07,619

lot of health benefits in one go but

922

00:37:11,150 --> 00:37:09,270

that sort of thing that yes a lot of

923

00:37:13,279 --> 00:37:11,160

things stay exactly the same after 30

924

00:37:14,990 --> 00:37:13,289

years and as always there is something

925

00:37:17,000 --> 00:37:15,000

new and often a bit of technology that's

926  
00:37:18,799 --> 00:37:17,010  
new one thing I was interested actually

927  
00:37:21,109 --> 00:37:18,809  
a bit disappointed here I must admit in

928  
00:37:22,910 --> 00:37:21,119  
the program there was a list of a lot of

929  
00:37:24,529 --> 00:37:22,920  
organisations that didn't seem to be

930  
00:37:26,809 --> 00:37:24,539  
they that's free to attend these days

931  
00:37:28,309 --> 00:37:26,819  
yes he used to have to charge for and of

932  
00:37:29,779 --> 00:37:28,319  
course you have to pay for would pay to

933  
00:37:31,789 --> 00:37:29,789  
get in but now it's free to attend

934  
00:37:34,670 --> 00:37:31,799  
obviously they're trying to get enough

935  
00:37:36,319 --> 00:37:34,680  
money from the exhibitors to make it

936  
00:37:37,640 --> 00:37:36,329  
worthwhile plus of course they want to

937  
00:37:38,089 --> 00:37:37,650  
make sure there's enough people coming

938  
00:37:40,160 --> 00:37:38,099

through

939

00:37:41,990 --> 00:37:40,170

yeah and they often have relationships

940

00:37:44,510 --> 00:37:42,000

with an exhibition for a totally

941

00:37:47,180 --> 00:37:44,520

different area next door and they might

942

00:37:49,579 --> 00:37:47,190

swap attendances and that sort of stuff

943

00:37:51,019 --> 00:37:49,589

there was a home's exhibition all of a

944

00:37:51,920 --> 00:37:51,029

building and plumbing and that sort of

945

00:37:53,600 --> 00:37:51,930

nothing

946

00:37:57,440 --> 00:37:53,610

and there they were offering a

947

00:37:59,390 --> 00:37:57,450

two-for-one deal which is free of okay

948

00:38:00,950 --> 00:37:59,400

so one thing they had a list of the

949

00:38:02,840 --> 00:38:00,960

program all very professionally put

950

00:38:04,130 --> 00:38:02,850

together hmm and they had the list of

951  
00:38:06,800 --> 00:38:04,140  
the exhibitors and one thing I was

952  
00:38:08,960 --> 00:38:06,810  
disappointed was supposedly side by side

953  
00:38:11,360 --> 00:38:08,970  
we're going to be the Scientologists and

954  
00:38:13,430 --> 00:38:11,370  
the Catholic Church hmm now I would have

955  
00:38:15,920 --> 00:38:13,440  
felt very excited to sit there and go

956  
00:38:17,390 --> 00:38:15,930  
yes yes no no but go one to the other

957  
00:38:19,400 --> 00:38:17,400  
and I thought you the Catholics weren't

958  
00:38:20,570 --> 00:38:19,410  
there I don't know why maybe they but

959  
00:38:24,560 --> 00:38:20,580  
maybe they've had some bad press lately

960  
00:38:26,930 --> 00:38:24,570  
I don't know we don't know but you make

961  
00:38:29,150 --> 00:38:26,940  
a good point and also I think partly why

962  
00:38:31,670 --> 00:38:29,160  
it's free these days and has been for

963  
00:38:33,710 --> 00:38:31,680

about two years now I think because you

964

00:38:35,990 --> 00:38:33,720

have to register online to get you a

965

00:38:38,750 --> 00:38:36,000

free ticket and it's just another way to

966

00:38:41,170 --> 00:38:38,760

harvest emails I'm sure I'm sure it is

967

00:38:43,400 --> 00:38:41,180

but also don't just saying just turn up

968

00:38:45,310 --> 00:38:43,410

quite frankly when I was there for the

969

00:38:48,140 --> 00:38:45,320

you know hanging around the infants way

970

00:38:49,820 --> 00:38:48,150

waiting for someone to come they just

971

00:38:51,230 --> 00:38:49,830

said I just come along oh well there you

972

00:38:52,640 --> 00:38:51,240

go there's no bad use for anything you

973

00:38:52,820 --> 00:38:52,650

can just wander in no one knows who you

974

00:38:54,230 --> 00:38:52,830

are

975

00:38:55,880 --> 00:38:54,240

yeah yeah so you don't have to

976

00:38:57,470 --> 00:38:55,890

pre-register necessarily you can just

977

00:38:58,640 --> 00:38:57,480

clean up they have to make up an email

978

00:39:00,530 --> 00:38:58,650

address if you want to they'd be a

979

00:39:02,660 --> 00:39:00,540

terrible thing to do I would I wouldn't

980

00:39:04,790 --> 00:39:02,670

suggest that at all no no no but they

981

00:39:07,070 --> 00:39:04,800

just turn up so I think they do need the

982

00:39:09,500 --> 00:39:07,080

numbers obviously they do it was fairly

983

00:39:11,570 --> 00:39:09,510

crowded it was a pretty it looks pretty

984

00:39:14,240 --> 00:39:11,580

successful I've been to many exhibitions

985

00:39:17,150 --> 00:39:14,250

and this one had a decent turnout of a

986

00:39:20,240 --> 00:39:17,160

lot of it again folks it really is if

987

00:39:22,460 --> 00:39:20,250

you consider yourself a skeptic on the

988

00:39:24,020 --> 00:39:22,470

move wanting to know and see what's

989

00:39:26,000 --> 00:39:24,030

going on it's worth visiting one of

990

00:39:28,040 --> 00:39:26,010

these things apart from that Tim you are

991

00:39:29,870 --> 00:39:28,050

of course as our listeners know you are

992

00:39:31,370 --> 00:39:29,880

the editor of the skeptic magazine the

993

00:39:33,260 --> 00:39:31,380

journal from the Australian skeptics and

994

00:39:35,600 --> 00:39:33,270

what I've been doing over the past

995

00:39:38,090 --> 00:39:35,610

months now is I've been poring over the

996

00:39:40,010 --> 00:39:38,100

thousands of articles and items and

997

00:39:41,480 --> 00:39:40,020

reports from the pages of the skeptics

998

00:39:43,670 --> 00:39:41,490

and every now and then I think now

999

00:39:46,730 --> 00:39:43,680

that's a good one to read out what's

1000

00:39:49,700 --> 00:39:46,740

coming up or can our listeners even dare

1001  
00:39:51,410 --> 00:39:49,710  
I say help you listeners could always

1002  
00:39:53,390 --> 00:39:51,420  
help us actually I'm always sort of as

1003  
00:39:55,550 --> 00:39:53,400  
an editor you know they're people who

1004  
00:39:56,000 --> 00:39:55,560  
contribute editorial are always worth

1005  
00:39:58,370 --> 00:39:56,010  
gold

1006  
00:40:01,400 --> 00:39:58,380  
hmm no I'm always on the lookout for new

1007  
00:40:03,410 --> 00:40:01,410  
topics and new submissions of editorial

1008  
00:40:05,800 --> 00:40:03,420  
they can just get in touch with me 5 a

1009  
00:40:09,530 --> 00:40:05,810  
skeptic the skeptic website

1010  
00:40:11,900 --> 00:40:09,540  
editor and skeptics kamidana you always

1011  
00:40:13,430 --> 00:40:11,910  
always very willing to hear from people

1012  
00:40:15,470 --> 00:40:13,440  
who might have an idea for a story

1013  
00:40:17,990 --> 00:40:15,480

that's great there you are folks if you

1014

00:40:20,330 --> 00:40:18,000

want to have your chance to maybe be

1015

00:40:22,310 --> 00:40:20,340

published in a skeptical journal that

1016

00:40:24,320 --> 00:40:22,320

Tim Mendham the editor is always

1017

00:40:26,690 --> 00:40:24,330

interested in news stories new articles

1018

00:40:28,730 --> 00:40:26,700

I think Tim it's fair to say hopefully

1019

00:40:30,620 --> 00:40:28,740

with an Australian flavor an Australian

1020

00:40:32,660 --> 00:40:30,630

point of view but it's quite broad isn't

1021

00:40:33,260 --> 00:40:32,670

it it is very broad actually I mean sort

1022

00:40:34,550 --> 00:40:33,270

of

1023

00:40:35,900 --> 00:40:34,560

I mean the magazine's been around for a

1024

00:40:38,270 --> 00:40:35,910

long we're coming up to our 40th

1025

00:40:40,370 --> 00:40:38,280

anniversary Wow we are yes

1026  
00:40:42,620 --> 00:40:40,380  
pretty impressive any other publication

1027  
00:40:45,050 --> 00:40:42,630  
anywhere in the world actually but 40

1028  
00:40:47,870 --> 00:40:45,060  
years we're coming up to our 39th and

1029  
00:40:50,750 --> 00:40:47,880  
the second issue of the 30 months volume

1030  
00:40:52,610 --> 00:40:50,760  
and so yeah we we do cover a whole range

1031  
00:40:55,760 --> 00:40:52,620  
of stuff the obviously cover a lot of

1032  
00:40:57,950 --> 00:40:55,770  
the more sort of high-profile areas of

1033  
00:41:00,020 --> 00:40:57,960  
alternative medicine and that quackery

1034  
00:41:02,570 --> 00:41:00,030  
but we like to cover everything from the

1035  
00:41:02,750 --> 00:41:02,580  
classic sceptics topics to all sorts of

1036  
00:41:04,160 --> 00:41:02,760  
stuff

1037  
00:41:08,720 --> 00:41:04,170  
the interesting thing when you say in

1038  
00:41:10,820 --> 00:41:08,730

Australian town or to these things a lot

1039

00:41:12,740 --> 00:41:10,830

of the stuff is universal yes it's

1040

00:41:15,190 --> 00:41:12,750

that's the sad thing I mean yeah you do

1041

00:41:18,950 --> 00:41:15,200

find the same active axis and the same

1042

00:41:22,250 --> 00:41:18,960

unknown creatures around the world you

1043

00:41:23,870 --> 00:41:22,260

do you do large walking ape-like

1044

00:41:25,550 --> 00:41:23,880

creatures and anti-vaxxers are

1045

00:41:27,710 --> 00:41:25,560

everywhere I think maybe they go hand in

1046

00:41:30,350 --> 00:41:27,720

hand who knows I'd like to see them

1047

00:41:32,330 --> 00:41:30,360

walking handed into the forest in a way

1048

00:41:34,190 --> 00:41:32,340

I think any place where they can boot I

1049

00:41:36,110 --> 00:41:34,200

think I'd have to agree with you there

1050

00:41:37,790 --> 00:41:36,120

well there you are folks there's the the

1051

00:41:39,680 --> 00:41:37,800

clue for you if you want to get in touch

1052

00:41:40,970 --> 00:41:39,690

with Tim in the mouth add a link in this

1053

00:41:43,100 --> 00:41:40,980

week's show notes but it's easy enough

1054

00:41:43,790 --> 00:41:43,110

at skeptics calm today you and you can

1055

00:41:45,500 --> 00:41:43,800

take it from there

1056

00:41:47,690 --> 00:41:45,510

well thank you very much Tim I look

1057

00:41:50,030 --> 00:41:47,700

forward to catching up with you soon and

1058

00:41:52,940 --> 00:41:50,040

maybe who knows we can explore another

1059

00:42:04,740 --> 00:41:52,950

mind body wallet together I can't and

1060

00:42:13,170 --> 00:42:09,920

[Music]

1061

00:42:20,250 --> 00:42:13,180

free flu vaccination day in Sydney on

1062

00:42:23,130 --> 00:42:20,260

the 4th of May getting vaccinated

1063

00:42:24,150 --> 00:42:23,140

against seasonal flu protects you and

1064

00:42:26,520 --> 00:42:24,160

your community

1065

00:42:29,910 --> 00:42:26,530

sir Australian skeptics Inc is once

1066

00:42:34,710 --> 00:42:29,920

again hosting a free flu vaccination

1067

00:42:37,410 --> 00:42:34,720

clinic this will be held at the East

1068

00:42:39,680 --> 00:42:37,420

Sydney doctors on Saturday the 4th of

1069

00:42:42,930 --> 00:42:39,690

May from 2 p.m.

1070

00:42:45,390 --> 00:42:42,940

vaccines are free for attendees although

1071

00:42:47,910 --> 00:42:45,400

some people may already qualify for free

1072

00:42:51,570 --> 00:42:47,920

vaccines under the National immunisation

1073

00:42:54,030 --> 00:42:51,580

program any unused vaccines will be

1074

00:42:59,010 --> 00:42:54,040

donated to the East Sydney doctors to

1075

00:43:02,580 --> 00:42:59,020

distribute to the community East Sydney

1076

00:43:07,350 --> 00:43:02,590

doctors is located at 102 virtus treat

1077

00:43:09,510 --> 00:43:07,360

Darlinghurst New South Wales don't

1078

00:43:12,710 --> 00:43:09,520

forget to bring your Medicare card and

1079

00:43:16,260 --> 00:43:12,720

if you're interested in attending simply

1080

00:43:19,500 --> 00:43:16,270

register your interest at the links in

1081

00:43:22,300 --> 00:43:19,510

this week's show notes or visit [wwf/e](#)

1082

00:43:40,060 --> 00:43:22,310

XCOM you

1083

00:43:43,340 --> 00:43:40,070

[Music]

1084

00:43:47,240 --> 00:43:43,350

now from New Zealand the land of long

1085

00:43:50,450 --> 00:43:47,250

white cloud and some tall tales we read

1086

00:43:54,140 --> 00:43:50,460

from the Southland Times psychic

1087

00:43:59,630 --> 00:43:54,150

information an oxymoronic offering for

1088

00:44:02,830 --> 00:43:59,640

police searches published on the 2nd of

1089

00:44:06,140 --> 00:44:02,840

April 2019

1090

00:44:10,820 --> 00:44:06,150

there's a reason police don't work with

1091

00:44:12,860 --> 00:44:10,830

psychics psychics don't work which is a

1092

00:44:15,140 --> 00:44:12,870

bit of an issue in the results

1093

00:44:17,870 --> 00:44:15,150

orientated realms in which police and

1094

00:44:21,200 --> 00:44:17,880

search and rescue personnel operate with

1095

00:44:24,410 --> 00:44:21,210

the best will in the other world not one

1096

00:44:28,250 --> 00:44:24,420

example of face scrunched chest

1097

00:44:30,710 --> 00:44:28,260

tightening I feel such a chill emoting

1098

00:44:36,050 --> 00:44:30,720

has yet solved the single New Zealand

1099

00:44:38,780 --> 00:44:36,060

murder will resolve the search to which

1100

00:44:43,490 --> 00:44:38,790

the makers of televisions sensing murder

1101

00:44:46,720 --> 00:44:43,500

remind us well it's not called solving

1102

00:44:50,030 --> 00:44:46,730

murder to them success rates mean

1103

00:44:51,920 --> 00:44:50,040

successful ratings they make Airy claims

1104

00:44:54,920 --> 00:44:51,930

about drawing public attention to

1105

00:44:57,200 --> 00:44:54,930

unresolved cases one sensing murder

1106

00:45:00,350 --> 00:44:57,210

representative explained that the aim

1107

00:45:02,240 --> 00:45:00,360

was to shine a light on each case not to

1108

00:45:05,230 --> 00:45:02,250

make a documentary examining or

1109

00:45:07,240 --> 00:45:05,240

analysing the validity of psychics but

1110

00:45:09,920 --> 00:45:07,250

psychics can be worse than

1111

00:45:12,610 --> 00:45:09,930

inconsequential dabblers in serious

1112

00:45:15,110 --> 00:45:12,620

matters they can prove problematic

1113

00:45:18,380 --> 00:45:15,120

distractions drawing attention to the

1114

00:45:21,830 --> 00:45:18,390

wrong places or mulling the information

1115

00:45:23,990 --> 00:45:21,840

pool so comes almost as a relief that

1116

00:45:25,910 --> 00:45:24,000

amid the outpouring of messages of

1117

00:45:29,780 --> 00:45:25,920

support for the family of missing

1118

00:45:32,960 --> 00:45:29,790

Jessica boys only about half a dozen

1119

00:45:35,180 --> 00:45:32,970

have been offers of psychic aid there

1120

00:45:37,460 --> 00:45:35,190

are families who have received hundreds

1121

00:45:39,470 --> 00:45:37,470

of these and a further allure

1122

00:45:44,330 --> 00:45:39,480

if their family spokesman has responded

1123

00:45:47,870 --> 00:45:44,340

politely but unenthusiastically perhaps

1124

00:45:50,330 --> 00:45:47,880

significantly these latest voices from

1125

00:45:52,280 --> 00:45:50,340

the other side have not been put forward

1126

00:45:54,589 --> 00:45:52,290

by these so-called psychics and

1127

00:45:56,150 --> 00:45:54,599

themselves rather it's been the

1128

00:45:58,760 --> 00:45:56,160

good-hearted duffer's who have

1129

00:46:02,210 --> 00:45:58,770

themselves contacted psychics and have

1130

00:46:04,580 --> 00:46:02,220

been passing the messages on people want

1131

00:46:06,770 --> 00:46:04,590

to help and that's good if they want to

1132

00:46:09,200 --> 00:46:06,780

engage a psychic then that's their

1133

00:46:11,599 --> 00:46:09,210

prerogative for their part the

1134

00:46:14,390 --> 00:46:11,609

high-profile members of the psychic

1135

00:46:16,450 --> 00:46:14,400

industry appear hesitant to step forward

1136

00:46:19,970 --> 00:46:16,460

in a way that makes them look like

1137

00:46:22,089 --> 00:46:19,980

grasping opportunists or to use a phrase

1138

00:46:25,040 --> 00:46:22,099

the New Zealand skeptics has picked up

1139

00:46:28,550 --> 00:46:25,050

quote grief vampires

1140

00:46:31,330 --> 00:46:28,560

men quote it's perhaps worth pointing

1141

00:46:35,120 --> 00:46:31,340

out that one medium and psychic surgeon

1142

00:46:37,609 --> 00:46:35,130

Janette Wilson has explained she only

1143

00:46:40,820 --> 00:46:37,619

helps if the family reaches out to her

1144

00:46:45,109 --> 00:46:40,830

you don't know what people's beliefs are

1145

00:46:47,839 --> 00:46:45,119

she says and she would never charge them

1146

00:46:51,680 --> 00:46:47,849

a fee and would travel at her own

1147

00:46:54,260 --> 00:46:51,690

expense no doubt but it's a parallel

1148

00:46:57,579 --> 00:46:54,270

truth that involvement in high-profile

1149

00:47:00,320 --> 00:46:57,589

cases does in turn increase one's

1150

00:47:02,750 --> 00:47:00,330

professional profile you might say that

1151

00:47:05,780 --> 00:47:02,760

this would dissuade those who weren't

1152

00:47:08,060 --> 00:47:05,790

fully confident of their ability to come

1153

00:47:09,950 --> 00:47:08,070

up with the goods in pretty much the way

1154

00:47:14,329 --> 00:47:09,960

that psychics dealing with police

1155

00:47:16,609 --> 00:47:14,339

searches have reliably failed to do but

1156

00:47:18,829 --> 00:47:16,619

these are often professionals who have

1157

00:47:21,260 --> 00:47:18,839

reason to be mainly concerned about

1158

00:47:24,290 --> 00:47:21,270

their standing among those who are

1159

00:47:27,680 --> 00:47:24,300

inclined to be open to their claims

1160

00:47:30,020 --> 00:47:27,690

those who dare to believe rather than

1161

00:47:32,900 --> 00:47:30,030

the more skeptical observers and with

1162

00:47:35,750 --> 00:47:32,910

more demanding views on what does and

1163

00:47:39,310 --> 00:47:35,760

what doesn't constitute an impressive

1164

00:47:43,609 --> 00:47:39,320

outcome many psychics seem to describe a

1165

00:47:45,920 --> 00:47:43,619

sense of closure rather than an actual

1166

00:47:48,260 --> 00:47:45,930

discovery as a result and the late

1167

00:47:51,380 --> 00:47:48,270

British spiritualist Doris Stokes should

1168

00:47:53,600 --> 00:47:51,390

remind us albeit from the other side

1169

00:47:55,280 --> 00:47:53,610

that some of her ilk might play to make

1170

00:47:56,180 --> 00:47:55,290

claims that don't stand up to close

1171

00:47:58,700 --> 00:47:56,190

scrutiny

1172

00:48:00,500 --> 00:47:58,710

Stokes herself claimed in one of her

1173

00:48:03,890 --> 00:48:00,510

books to have helped police recover the

1174

00:48:07,040 --> 00:48:03,900

body of Mona blades way down there in

1175

00:48:09,530 --> 00:48:07,050

New Zealand in which case it was surely

1176

00:48:12,110 --> 00:48:09,540

churlish of our police not to have

1177

00:48:17,720 --> 00:48:12,120

recorded this crucial assistance in any

1178

00:48:20,510 --> 00:48:17,730

of their files and that was police

1179

00:48:22,430 --> 00:48:20,520

information an oxymoronic offering for

1180

00:48:24,710 --> 00:48:22,440

police searches published of the

1181

00:48:37,670 --> 00:48:24,720

Southland Times and I will link to that

1182

00:48:39,560 --> 00:48:37,680

in this week's show notes are you tired

1183

00:48:41,300 --> 00:48:39,570

of going out and not being able to find

1184

00:48:44,900 --> 00:48:41,310

the kind of music that you like to dance

1185

00:48:47,000 --> 00:48:44,910

to like that well you need to come to

1186

00:48:50,060 --> 00:48:47,010

Maine and slug shack at the red bar

1187

00:48:51,140 --> 00:48:50,070

upstairs at 36 leave Point Road in bleep

1188

00:48:52,550 --> 00:48:51,150

in Sydney

1189

00:48:53,810 --> 00:48:52,560

we'll be going crazy there as I've

1190

00:48:57,650 --> 00:48:53,820

played the kind of music you were to

1191

00:49:07,680 --> 00:49:06,300

like this but if you want to you can

1192

00:49:09,000 --> 00:49:07,690

always dance the card stuff you like

1193

00:49:11,190 --> 00:49:09,010

then in it

1194

00:49:13,410 --> 00:49:11,200

that's main arms Love Shack more details

1195

00:49:16,950 --> 00:49:13,420

on the very very front page of main and

1196

00:49:17,700 --> 00:49:16,960

calm dodo you can skeptics dance another

1197

00:49:19,859 --> 00:49:17,710

can drink

1198

00:49:21,000 --> 00:49:19,869

well can skeptics dance I don't know I'm

1199

00:49:23,370 --> 00:49:21,010

full of incertitude

1200

00:49:26,339 --> 00:49:23,380

what's that mean did Saunders write that

1201

00:49:29,820 --> 00:49:26,349

in certitude except Holyrood minutes

1202

00:49:31,859 --> 00:49:29,830

Love Shack H midnight 36 upstairs at the

1203

00:49:33,359 --> 00:49:31,869

red bar bleep Point Road and grief see

1204

00:49:38,849 --> 00:49:33,369

you there and look I might even play

1205

00:49:47,260 --> 00:49:38,859

this to my Nance Love Shack sad a 4th of

1206

00:49:47,270 --> 00:49:57,190

[Music]

1207

00:50:01,370 --> 00:49:59,630

thank you for listening to the skeptic

1208

00:50:04,849 --> 00:50:01,380

zone it's nice to be back in the skeptic

1209

00:50:08,509 --> 00:50:04,859

zone studios because I can use my proper

1210

00:50:10,910 --> 00:50:08,519

microphones when I'm in the field as it

1211

00:50:14,180 --> 00:50:10,920

were and when I was in California during

1212

00:50:17,660 --> 00:50:14,190

the last month I was more or less using

1213

00:50:19,519 --> 00:50:17,670

my eye devices my iPad my iPhone and

1214

00:50:22,759 --> 00:50:19,529

occasionally I would put in a little

1215

00:50:24,980 --> 00:50:22,769

zoom microphone onto the iPhone which

1216

00:50:27,700 --> 00:50:24,990

seemed to work quite well but now I'm

1217

00:50:31,339 --> 00:50:27,710

back here in the studio I can use the

1218

00:50:33,769 --> 00:50:31,349

nice Zen Heiser shotgun microphone I do

1219

00:50:36,920 --> 00:50:33,779

for voice work and since I'm still

1220

00:50:38,390 --> 00:50:36,930

jet-lagged at the time of recording it's

1221

00:50:41,180 --> 00:50:38,400

early in the morning so I don't have to

1222

00:50:43,339 --> 00:50:41,190

worry about planes flying overhead I'm

1223

00:50:45,500 --> 00:50:43,349

sure these little details mean a lot to

1224

00:50:47,120 --> 00:50:45,510

you great news about one of my favorite

1225

00:50:49,460 --> 00:50:47,130

podcasts the skeptics guide to the

1226

00:50:50,870 --> 00:50:49,470

University coming to Melbourne for the

1227

00:50:53,150 --> 00:50:50,880

Australian skeptics National Convention

1228

00:50:54,859 --> 00:50:53,160

later in the year in December can't wait

1229

00:50:57,589 --> 00:50:54,869

to see them always great to catch up

1230

00:50:59,440 --> 00:50:57,599

with SGU and I'm sure the people in

1231

00:51:02,480 --> 00:50:59,450

Melbourne will have some more

1232

00:51:04,880 --> 00:51:02,490

announcements and surprises for us over

1233

00:51:08,509 --> 00:51:04,890

the coming months and coming up in a few

1234

00:51:11,120 --> 00:51:08,519

days in Canberra the social skeptics of

1235

00:51:13,910 --> 00:51:11,130

camera group the Canberra skeptics will

1236

00:51:15,380 --> 00:51:13,920

have a talk about odds and statistics

1237

00:51:18,589 --> 00:51:15,390

and things like that when it comes to

1238

00:51:21,890 --> 00:51:18,599

superstitions and athletes may the odds

1239

00:51:24,170 --> 00:51:21,900

be in your favor superstitions and elite

1240

00:51:26,749 --> 00:51:24,180

athletes an interesting talk which is on

1241

00:51:29,779 --> 00:51:26,759

the 16th of April from 6:00 p.m. to 7:30

1242

00:51:33,380 --> 00:51:29,789

p.m. at the Belconnen community service

1243

00:51:35,410 --> 00:51:33,390

in Belconnen in the ICT and if you want

1244

00:51:38,749 --> 00:51:35,420

to find out more about that talk and

1245

00:51:40,400 --> 00:51:38,759

that sense particularly interesting just

1246

00:51:43,039 --> 00:51:40,410

look for the link in this week's show

1247

00:51:45,710 --> 00:51:43,049

notes and an early announcement for

1248

00:51:47,299 --> 00:51:45,720

those people in California or the United

1249

00:51:51,470 --> 00:51:47,309

States so frankly the whole planet

1250

00:51:53,720 --> 00:51:51,480

skeptical skeptical is the Northern

1251  
00:51:55,849 --> 00:51:53,730  
California conference on science and

1252  
00:51:57,859 --> 00:51:55,859  
skepticism a day-long event with

1253  
00:52:00,980 --> 00:51:57,869  
speakers and discussions on critical

1254  
00:52:03,910 --> 00:52:00,990  
thinking skeptic al 2019 will be held on

1255  
00:52:07,339 --> 00:52:03,920  
Sunday June and 9th at the Hyatt Regency

1256  
00:52:08,190 --> 00:52:07,349  
San Francisco Airport registration is

1257  
00:52:10,200 --> 00:52:08,200  
now open up

1258  
00:52:13,349 --> 00:52:10,210  
link in the show notes I was there last

1259  
00:52:15,420 --> 00:52:13,359  
year and what a wonderful day it was it

1260  
00:52:16,920 --> 00:52:15,430  
was in Berkeley last year in fact what's

1261  
00:52:19,650 --> 00:52:16,930  
the first place I met

1262  
00:52:21,810 --> 00:52:19,660  
Yvette dumped Raimondi sigh babe what a

1263  
00:52:23,819 --> 00:52:21,820

great time we had and I see they've got

1264

00:52:26,790 --> 00:52:23,829

a list of speakers lined up already

1265

00:52:29,220 --> 00:52:26,800

including Jim Underdown Mick West who

1266

00:52:31,290 --> 00:52:29,230

wrote the book escaping the rabbit hole

1267

00:52:34,490 --> 00:52:31,300

and many more so I can certainly

1268

00:52:38,150 --> 00:52:34,500

recommend if you're in the Bay Area that

1269

00:52:40,290 --> 00:52:38,160

skeptical is the conference for you and

1270

00:52:41,819 --> 00:52:40,300

well who knows there might be an

1271

00:52:45,930 --> 00:52:41,829

appearance by a certain Australian

1272

00:52:49,770 --> 00:52:45,940

podcaster we shall see but for this week

1273

00:52:51,750 --> 00:52:49,780

I think I better have some more salad or

1274

00:52:53,550 --> 00:52:51,760

maybe some toast this is Richard

1275

00:52:58,310 --> 00:52:53,560

Saunders signing off from Sydney

1276  
00:53:03,770 --> 00:53:00,839  
you've been listening to the skeptic

1277  
00:53:10,440 --> 00:53:03,780  
zone podcast please visit our website at

1278  
00:53:13,940 --> 00:53:10,450  
wwlp.com tax and to access the back

1279  
00:53:16,620 --> 00:53:13,950  
catalog of episodes going back to 2008

1280  
00:53:19,920 --> 00:53:16,630  
you can follow the skeptic zone podcast

1281  
00:53:22,200 --> 00:53:19,930  
on twitter at skeptic zone visit our

1282  
00:53:23,059 --> 00:53:22,210  
facebook page or leave a review on

1283  
00:53:25,740 --> 00:53:23,069  
itunes

1284  
00:53:29,130 --> 00:53:25,750  
you can also support the skeptic zone

1285  
00:53:31,849 --> 00:53:29,140  
via patreon or PayPal the skeptic zone

1286  
00:53:34,230 --> 00:53:31,859  
podcast is an independent production

1287  
00:53:36,390 --> 00:53:34,240  
reviews and opinions expressed on the

1288  
00:53:38,730 --> 00:53:36,400

skeptic zone are not necessarily those

1289

00:53:40,500 --> 00:53:38,740

of Australian skeptics or any other

1290

00:53:53,580 --> 00:53:40,510

sceptical organisation

1291

00:53:59,260 --> 00:53:56,350

yes now I'm back at my desk I have

1292

00:54:02,980 --> 00:53:59,270

reached for my blip what is that the

1293

00:54:05,530 --> 00:54:02,990

20-sided d20 normally it's a d-10 we

1294

00:54:07,150 --> 00:54:05,540

play the dice game with for those people

1295

00:54:10,930 --> 00:54:07,160

unfamiliar with this every now and then

1296

00:54:13,000 --> 00:54:10,940

I just roll it I can be a six-sided or

1297

00:54:19,150 --> 00:54:13,010

10 side there are three sided sometimes

1298

00:54:23,050 --> 00:54:19,160

it's even a 60 sided today it's 20 and I

1299

00:54:25,420 --> 00:54:23,060

want you to use your oh is a giggle when

1300

00:54:29,560 --> 00:54:25,430

I said your psychic powers your powers

1301  
00:54:33,880 --> 00:54:29,570  
of prediction and see if you can match

1302  
00:54:36,820 --> 00:54:33,890  
my roll of the dice here which occurred

1303  
00:54:39,580 --> 00:54:36,830  
in the past of course because this is a

1304  
00:54:40,650 --> 00:54:39,590  
pre-recorded show but you don't know

1305  
00:54:43,180 --> 00:54:40,660  
what the result is

1306  
00:54:47,080 --> 00:54:43,190  
even though it's happened but that

1307  
00:54:50,020 --> 00:54:47,090  
hasn't happened for me yet oh you sort

1308  
00:54:59,830 --> 00:54:50,030  
of hmm I should write a movie about that

1309  
00:55:01,360 --> 00:54:59,840  
here we go roll number 116 I have to

1310  
00:55:02,650 --> 00:55:01,370  
write this down because I could turn up

1311  
00:55:06,250 --> 00:55:02,660  
roll number three and sometimes don't

1312  
00:55:08,230 --> 00:55:06,260  
fit sixteen is that first one okay roll

1313  
00:55:10,980 --> 00:55:08,240

number two are you predicting are you

1314

00:55:16,240 --> 00:55:10,990

predicting here it comes

1315

00:55:17,470 --> 00:55:16,250

what's that it's a six sixteen six last

1316

00:55:21,900 --> 00:55:17,480

one coming up

1317

00:55:29,680 --> 00:55:26,650

thirteen be interesting one day to do a

1318

00:55:33,010 --> 00:55:29,690

sort of a little mind game thought

1319

00:55:35,430 --> 00:55:33,020

experiment to see how easy it is for

1320

00:55:38,350 --> 00:55:35,440

someone like a numerologist to make

1321

00:55:42,670 --> 00:55:38,360

anything out of numbers here we've got

1322

00:55:44,950 --> 00:55:42,680

16 6 and 13 where I look to sixes how

1323

00:55:46,690 --> 00:55:44,960

about that and we've got a three and you

1324

00:55:49,570 --> 00:55:46,700

know what two threes are there six I

1325

00:55:51,910 --> 00:55:49,580

mean it all just make sense

1326

00:55:54,280 --> 00:55:51,920

hmm and we've got two ones in there

1327

00:56:00,970 --> 00:55:54,290

we've got a one for the 16 one 6 and a 1

1328

00:56:02,870 --> 00:56:00,980

3 for the 13 2 times 1 that's 2 and 2 3