

# **SKEPTIC ZONE**



**Show 34**  
**12.June.2009**

The  
Podcast  
from  
Australia  
for  
Science  
and  
Reason

[www.skepticzone.tv](http://www.skepticzone.tv)

1  
00:00:20,370 --> 00:00:15,860  
Oh

2  
00:00:27,300 --> 00:00:23,230  
hello and welcome to the skeptic zone

3  
00:00:29,200 --> 00:00:27,310  
show number 34 for the 12th of june 2009

4  
00:00:31,900 --> 00:00:29,210  
richardsaunders here with you from

5  
00:00:33,729 --> 00:00:31,910  
sydney australia in this week's show we

6  
00:00:36,100 --> 00:00:33,739  
have a talk by australian skeptics

7  
00:00:38,700 --> 00:00:36,110  
founder and patron the adventurer

8  
00:00:40,750 --> 00:00:38,710  
Explorer and entrepreneur dick smith

9  
00:00:42,790 --> 00:00:40,760  
following that we have a reading from

10  
00:00:45,310 --> 00:00:42,800  
the latest issue of the skeptic magazine

11  
00:00:48,130 --> 00:00:45,320  
that's the skeptic magazine from

12  
00:00:50,380 --> 00:00:48,140  
Australian skeptics by Joanne benim ooh

13  
00:00:53,650 --> 00:00:50,390

where she tells us more of her

14

00:00:56,290 --> 00:00:53,660

experiences at the mind-body-spirit or

15

00:01:00,069 --> 00:00:56,300

as we like to call it mind body wallet

16

00:01:02,470 --> 00:01:00,079

festival here in sydney now just before

17

00:01:05,290 --> 00:01:02,480

we start a quick word to thank catherine

18

00:01:07,780 --> 00:01:05,300

donelson for her recent graphical design

19

00:01:10,749 --> 00:01:07,790

work that really helped make our trip to

20

00:01:13,050 --> 00:01:10,759

melbourne such a success you can visit

21

00:01:21,700 --> 00:01:13,060

the website of Faster Pussycat

22

00:01:25,420 --> 00:01:21,710

productions at WWF PP design com au for

23

00:01:28,090 --> 00:01:25,430

furry faces and furry yes design work

24

00:01:31,210 --> 00:01:28,100

everything from CD packaging logos

25

00:01:34,690 --> 00:01:31,220

corporate design and much more Thank You

26

00:01:37,690 --> 00:01:34,700

Catherine you even made us look good so

27

00:01:40,060 --> 00:01:37,700

now on to our talk from Dick Smith this

28

00:01:42,490 --> 00:01:40,070

was recorded live at sydney skeptics in

29

00:01:46,240 --> 00:01:42,500

the pub using three microphones at three

30

00:01:48,520 --> 00:01:46,250

different times why who knows but the

31

00:01:54,690 --> 00:01:48,530

audio quality does change during the

32

00:01:59,020 --> 00:01:57,010

hello and gentlemen let's give to our

33

00:02:00,340 --> 00:01:59,030

guest speaker tonight Amanda needs no

34

00:02:03,130 --> 00:02:00,350

introduction but he's going to get one

35

00:02:05,350 --> 00:02:03,140

anyway Nick Smurf I'm showing their all

36

00:02:07,419 --> 00:02:05,360

for me with the name he is one of the

37

00:02:08,619 --> 00:02:07,429

founders of Australian skeptics and was

38

00:02:10,180 --> 00:02:08,629

sort of wondering if that was about

39

00:02:12,970 --> 00:02:10,190

nineteen seventy-nine or nineteen eighty

40

00:02:15,790 --> 00:02:12,980

bills it was there about because our

41

00:02:17,640 --> 00:02:15,800

accomplishments include a sir no

42

00:02:19,809 --> 00:02:17,650

helicopter flight around the world

43

00:02:22,289 --> 00:02:19,819

allowing these helicopter to the North

44

00:02:24,970 --> 00:02:22,299

Pole and the South Pole I believe an

45

00:02:27,460 --> 00:02:24,980

incredible adventure plus many other

46

00:02:29,589 --> 00:02:27,470

adventures like getting in a hot air

47

00:02:33,160 --> 00:02:29,599

balloon and flying from New Zealand to

48

00:02:34,990 --> 00:02:33,170

Australia and on and on it goes leak

49

00:02:36,729 --> 00:02:35,000

sealer tonight he's the patron of

50

00:02:38,080 --> 00:02:36,739

Australian skeptics were very pleased to

51  
00:02:39,880 --> 00:02:38,090  
have him along I know a lot of you

52  
00:02:41,770 --> 00:02:39,890  
people have come along to to hear what

53  
00:02:51,270 --> 00:02:41,780  
he has to say so without any more do I

54  
00:02:56,470 --> 00:02:54,190  
previously because i'm going to talk my

55  
00:02:58,990 --> 00:02:56,480  
the time of night or concern is not

56  
00:03:02,110 --> 00:02:59,000  
deluding and of course the other people

57  
00:03:04,090 --> 00:03:02,120  
here who Sumerians fantastic things you

58  
00:03:05,770 --> 00:03:04,100  
can drown computers would naturally

59  
00:03:09,090 --> 00:03:05,780  
understand that but someone at my

60  
00:03:12,700 --> 00:03:09,100  
vintage I was the grandson of harold cat

61  
00:03:16,510 --> 00:03:12,710  
to a photographer the 1930s and on his

62  
00:03:18,700 --> 00:03:16,520  
enlarger in the 1950s I used to stand

63  
00:03:21,670 --> 00:03:18,710

behind him and he would be working on

64

00:03:24,130 --> 00:03:21,680

the enlarger to put in folk clouds and

65

00:03:25,660 --> 00:03:24,140

folk people on photographs that people

66

00:03:28,300 --> 00:03:25,670

thought were true that was back in the

67

00:03:31,300 --> 00:03:28,310

50s it's just another has been a skeptic

68

00:03:34,090 --> 00:03:31,310

I remember I came home from school from

69

00:03:36,520 --> 00:03:34,100

Scripture class when I was fired and

70

00:03:38,260 --> 00:03:36,530

instead to my mother the scripture

71

00:03:41,020 --> 00:03:38,270

teacher says that God is on everyone's

72

00:03:43,090 --> 00:03:41,030

shoulder and I think there are hundreds

73

00:03:44,890 --> 00:03:43,100

of people in the world that God be on

74

00:03:46,780 --> 00:03:44,900

every one shoulder I didn't know there

75

00:03:48,760 --> 00:03:46,790

were billions my mother was quite

76

00:03:51,790 --> 00:03:48,770

disturbed and she said look you've got

77

00:03:54,280 --> 00:03:51,800

to have faith I'll certainly have fun if

78

00:03:55,840 --> 00:03:54,290

other people don't doubt i'm quite happy

79

00:03:57,280 --> 00:03:55,850

that this ceiling is not going to fall

80

00:03:59,020 --> 00:03:57,290

in because when i came in you're all

81

00:04:01,690 --> 00:03:59,030

sitting here quite comfortable and

82

00:04:03,400 --> 00:04:01,700

relaxed so there's no one driving it but

83

00:04:06,330 --> 00:04:03,410

we've people brought something that

84

00:04:08,410 --> 00:04:06,340

always makes me think is this a truly

85

00:04:10,990 --> 00:04:08,420

going to talk a little bit about

86

00:04:13,420 --> 00:04:11,000

delusion because I've look at the human

87

00:04:15,430 --> 00:04:13,430

track we ourself to leave ourselves in

88

00:04:18,700 --> 00:04:15,440

some ways and even though we've got the

89

00:04:21,280 --> 00:04:18,710

best skeptics in Australia here I've bet

90

00:04:23,170 --> 00:04:21,290

somewhere inside your sake you've got a

91

00:04:25,240 --> 00:04:23,180

little self delusion it might be because

92

00:04:26,650 --> 00:04:25,250

you think like the only I want to

93

00:04:28,090 --> 00:04:26,660

achieve something in relation to

94

00:04:29,920 --> 00:04:28,100

aviation reform and I know it's a

95

00:04:33,640 --> 00:04:29,930

delusion I'll never get there and it's

96

00:04:36,280 --> 00:04:33,650

good to have that in about nineteen

97

00:04:38,680 --> 00:04:36,290

seventy five I was watching television

98

00:04:40,810 --> 00:04:38,690

the dementia I was a regular on the Don

99

00:04:42,430 --> 00:04:40,820

line show I was playing dick smith

100

00:04:44,260 --> 00:04:42,440

electronics going and they were

101  
00:04:45,790 --> 00:04:44,270  
desperate for people who create a bit of

102  
00:04:47,710 --> 00:04:45,800  
interest in publicity in those days

103  
00:04:49,870 --> 00:04:47,720  
either be a par value at a

104  
00:04:52,150 --> 00:04:49,880  
petrol-powered pogo stick I'm tired of

105  
00:04:54,720 --> 00:04:52,160  
my guys going into Sydney Harbour so I

106  
00:04:57,850 --> 00:04:54,730  
be falling down to the domain show and

107  
00:04:59,290 --> 00:04:57,860  
one matter was watching and you again

108  
00:05:01,659 --> 00:04:59,300  
bending spoons and I remember thinking

109  
00:05:04,480 --> 00:05:01,669  
they said he wasn't a magician not a

110  
00:05:06,369 --> 00:05:04,490  
magician so I watched it I fell for

111  
00:05:07,809 --> 00:05:06,379  
completely thinking well he's not a

112  
00:05:09,309 --> 00:05:07,819  
magician but there's obviously a very

113  
00:05:11,860 --> 00:05:09,319

simple explanation for what he's doing

114

00:05:14,020 --> 00:05:11,870

what absolutely tremendously was the

115

00:05:16,209 --> 00:05:14,030

next day was one more people in those

116

00:05:18,939 --> 00:05:16,219

days you have them thrown around I found

117

00:05:20,499 --> 00:05:18,949

that that he simply was a magician but I

118

00:05:22,510 --> 00:05:20,509

was upset about that and I ran the

119

00:05:24,100 --> 00:05:22,520

producer at channel 9 random Evelyn said

120

00:05:25,899 --> 00:05:24,110

what are you doing he said I'll look

121

00:05:27,790 --> 00:05:25,909

anyone sensible know that he's a

122

00:05:31,800 --> 00:05:27,800

magician but it goes around the world

123

00:05:34,390 --> 00:05:31,810

say he isn't and at the same time I

124

00:05:35,920 --> 00:05:34,400

somehow heard in the pipe without a

125

00:05:37,929 --> 00:05:35,930

group called cycle the committee for

126

00:05:39,999 --> 00:05:37,939

scientific investigation of claims of

127

00:05:41,920 --> 00:05:40,009

the paranormal in the United States I

128

00:05:44,140 --> 00:05:41,930

immediately joined the battle at my

129

00:05:46,240 --> 00:05:44,150

background a really simple car radio

130

00:05:48,550 --> 00:05:46,250

installer I'm not an intellectual like

131

00:05:51,159 --> 00:05:48,560

most of the people here but I haven't

132

00:05:54,219 --> 00:05:51,169

that common sense and lateral thinking

133

00:05:57,040 --> 00:05:54,229

ability to know when someone makes a

134

00:05:58,629 --> 00:05:57,050

claim that there needs to be proof when

135

00:05:59,950 --> 00:05:58,639

someone makes an extraordinary claim

136

00:06:02,890 --> 00:05:59,960

there needs to be extraordinary proof

137

00:06:05,559 --> 00:06:02,900

and I became a member of psych happens

138

00:06:08,499 --> 00:06:05,569

read quite a bit about a farmers

139

00:06:10,899 --> 00:06:08,509

producing called chat James Randi at the

140

00:06:13,269 --> 00:06:10,909

time my friends were claiming that they

141

00:06:16,089 --> 00:06:13,279

could water divine and one of the easy

142

00:06:20,350 --> 00:06:16,099

things for water divine many claims of a

143

00:06:22,209 --> 00:06:20,360

power law are very hard to measure they

144

00:06:25,059 --> 00:06:22,219

water the binders between similar to

145

00:06:27,730 --> 00:06:25,069

start you can check it by drilling a

146

00:06:28,899 --> 00:06:27,740

hole to shoot this water because you'd

147

00:06:31,269 --> 00:06:28,909

be good if you can actually buy the

148

00:06:33,670 --> 00:06:31,279

place without water on top because

149

00:06:36,249 --> 00:06:33,680

there's water licensed radical we know

150

00:06:38,559 --> 00:06:36,259

that great the Great Artesian basin in

151

00:06:40,240 --> 00:06:38,569

the up digit basin the greatest water

152

00:06:41,589 --> 00:06:40,250

dividers in Australia come from across

153

00:06:43,269 --> 00:06:41,599

the area you know you have to go to

154

00:06:44,860 --> 00:06:43,279

Boston and saw amber working for you the

155

00:06:49,490 --> 00:06:44,870

staff

156

00:06:51,440 --> 00:06:49,500

despite read and only buy a new bike

157

00:06:53,570 --> 00:06:51,450

will see quite well before my policy

158

00:06:55,040 --> 00:06:53,580

change someday he was a skeptic in the

159

00:06:56,870 --> 00:06:55,050

early days most people couldn't believe

160

00:06:59,780 --> 00:06:56,880

it and I said look would you be

161

00:07:02,090 --> 00:06:59,790

interested we'll run a contest here for

162

00:07:03,860 --> 00:07:02,100

all the dividers and I could get james

163

00:07:06,710 --> 00:07:03,870

randi out from the united states because

164

00:07:09,740 --> 00:07:06,720

he's done some particular test switch to

165

00:07:13,220 --> 00:07:09,750

me were very simple what James Randi did

166

00:07:15,530 --> 00:07:13,230

was have 12 pipes are manifold with full

167

00:07:17,600 --> 00:07:15,540

plastic cup with water running in and

168

00:07:19,310 --> 00:07:17,610

you might say or how does that tell

169

00:07:21,830 --> 00:07:19,320

whether a person can find water in

170

00:07:23,120 --> 00:07:21,840

strata under the ground in fact what we

171

00:07:25,760 --> 00:07:23,130

were checking with the people who

172

00:07:28,280 --> 00:07:25,770

claimed that they could find water in

173

00:07:30,110 --> 00:07:28,290

plastic irrigation boat you're very most

174

00:07:33,320 --> 00:07:30,120

people claim they can follow an

175

00:07:35,600 --> 00:07:33,330

irrigation pipe we want James reamed out

176

00:07:38,270 --> 00:07:35,610

I remember we've got the Reverend teck

177

00:07:40,580 --> 00:07:38,280

nutz is one of the judges and that prize

178

00:07:42,530 --> 00:07:40,590

was about forty thousand dollars 10,000

179

00:07:44,990 --> 00:07:42,540

from herself ten thousand from the

180

00:07:46,910 --> 00:07:45,000

language of carbon ten thousands of film

181

00:07:50,540 --> 00:07:46,920

atoms and I forgot where the other team

182

00:07:52,790 --> 00:07:50,550

ran was wrong and in north ryde just

183

00:07:56,660 --> 00:07:52,800

near my cheeks and electronics I sweet

184

00:07:58,790 --> 00:07:56,670

bow upper field we put in the ten pipes

185

00:08:00,950 --> 00:07:58,800

we had water running through them in a

186

00:08:03,320 --> 00:08:00,960

simple manner pole where the water that

187

00:08:06,860 --> 00:08:03,330

one through one of the ten pipes now

188

00:08:09,080 --> 00:08:06,870

really arrived and first of all he got

189

00:08:11,930 --> 00:08:09,090

each one of the contestants we glue i

190

00:08:14,210 --> 00:08:11,940

think twenty of the top Australian water

191

00:08:16,100 --> 00:08:14,220

desires and older by the small around

192

00:08:20,030 --> 00:08:16,110

Australia the will she show Bob Dinneen

193

00:08:22,520 --> 00:08:20,040

and Randy made them sign an agreement

194

00:08:25,340 --> 00:08:22,530

which said that this test is one a happy

195

00:08:29,540 --> 00:08:25,350

with and they will offer no excuses if I

196

00:08:34,620 --> 00:08:32,520

because these people are totally genuine

197

00:08:36,900 --> 00:08:34,630

I've ever seen or any are these are

198

00:08:39,330 --> 00:08:36,910

people with their life depended on their

199

00:08:41,969 --> 00:08:39,340

abilities to water divine and some of

200

00:08:44,130 --> 00:08:41,979

them have engineering modifications so

201  
00:08:46,800 --> 00:08:44,140  
they were academically qualified people

202  
00:08:49,080 --> 00:08:46,810  
some were the typical farmer and I've

203  
00:08:50,670 --> 00:08:49,090  
never saying to Jack's ready to your ego

204  
00:08:53,160 --> 00:08:50,680  
is with this we're going to destroy

205  
00:08:56,250 --> 00:08:53,170  
these people in front of television in

206  
00:08:58,080 --> 00:08:56,260  
front of millions they say they can find

207  
00:09:00,500 --> 00:08:58,090  
some of water running in a pipe but play

208  
00:09:03,030 --> 00:09:00,510  
wants to run or at one point of time

209  
00:09:05,250 --> 00:09:03,040  
they say they can get ninety to a

210  
00:09:07,620 --> 00:09:05,260  
hundred percent Muslim x hundred Pacific

211  
00:09:09,060 --> 00:09:07,630  
we said we'd accept eighty percent and I

212  
00:09:11,160 --> 00:09:09,070  
said we're going to destroy them if they

213  
00:09:14,400 --> 00:09:11,170

fail and he said Nick you will have no

214

00:09:16,830 --> 00:09:14,410

effect on me believe what time I said

215

00:09:19,050 --> 00:09:16,840

James you're wrong because you've ripped

216

00:09:21,540 --> 00:09:19,060

out but have to sign a document that

217

00:09:23,730 --> 00:09:21,550

they will not offer the excuse and this

218

00:09:26,040 --> 00:09:23,740

will prove they count them what they

219

00:09:28,500 --> 00:09:26,050

claim that ability doesn't mean i can't

220

00:09:30,480 --> 00:09:28,510

find water and stronger they train was i

221

00:09:33,120 --> 00:09:30,490

can find it in a wartime the amazing

222

00:09:35,250 --> 00:09:33,130

thing was we've got each divided to walk

223

00:09:37,200 --> 00:09:35,260

across the pipe with no water running in

224

00:09:40,680 --> 00:09:37,210

them but of the tender man is doing the

225

00:09:44,790 --> 00:09:40,690

water test to found streams underneath

226

00:09:46,050 --> 00:09:44,800

but the other i did and then we said the

227

00:09:47,610 --> 00:09:46,060

next thing is we're going to run the

228

00:09:49,470 --> 00:09:47,620

water click man fight when you have to

229

00:09:51,960 --> 00:09:49,480

show that you're Rob thing or your

230

00:09:54,450 --> 00:09:51,970

pendulum twist soja your place that we

231

00:09:59,490 --> 00:09:54,460

battle if you like some of artifacts

232

00:10:01,650 --> 00:09:59,500

that the dead avani and when we ran the

233

00:10:03,450 --> 00:10:01,660

water through the pipe that they knew it

234

00:10:04,920 --> 00:10:03,460

what which apartment was they've all got

235

00:10:06,990 --> 00:10:04,930

a hundred percent but it's quite

236

00:10:08,970 --> 00:10:07,000

impressive because they were all along

237

00:10:12,180 --> 00:10:08,980

the earth which is always bad the ten

238

00:10:14,730 --> 00:10:12,190

types it was my favorite part was and as

239

00:10:17,640 --> 00:10:14,740

they got to my heart attacks are they

240

00:10:19,920 --> 00:10:17,650

open the reading of the rods would then

241

00:10:21,840 --> 00:10:19,930

know that the pendulums were looser than

242

00:10:24,030 --> 00:10:21,850

you think you're watching you think well

243

00:10:27,090 --> 00:10:24,040

this has got to be truths I'm not doing

244

00:10:29,310 --> 00:10:27,100

it to technique from the total reward or

245

00:10:30,990 --> 00:10:29,320

whatever time works but we then went to

246

00:10:31,680 --> 00:10:31,000

double-blind testing and now when you

247

00:10:34,040 --> 00:10:31,690

the agent

248

00:10:37,470 --> 00:10:34,050

we do the whole thing and apparently

249

00:10:40,260 --> 00:10:37,480

they managed to get the course chances

250

00:10:43,760 --> 00:10:40,270

waiting 10 gentlewoman but actually got

251  
00:10:46,350 --> 00:10:43,770  
less than one in ten to actually improve

252  
00:10:48,930 --> 00:10:46,360  
when they were divided immediately could

253  
00:10:52,470 --> 00:10:48,940  
not find the other test was a very

254  
00:10:54,060 --> 00:10:52,480  
simple one we put a lot of gold we even

255  
00:10:57,240 --> 00:10:54,070  
had the security guards there from the

256  
00:10:59,970 --> 00:10:57,250  
Australian meet Allah God in one of 10

257  
00:11:02,070 --> 00:10:59,980  
shoe boxes are very easy test we sent to

258  
00:11:04,350 --> 00:11:02,080  
the goal dividers what's the chance of

259  
00:11:06,480 --> 00:11:04,360  
you finding which one which shoe box

260  
00:11:08,550 --> 00:11:06,490  
these 10 shoe boxes your life under gold

261  
00:11:10,710 --> 00:11:08,560  
with two thousand dollars or whatever

262  
00:11:13,200 --> 00:11:10,720  
gods and they train will overdo a

263  
00:11:17,300 --> 00:11:13,210

hundred percent the gold of iron has

264

00:11:19,740 --> 00:11:17,310

managed to get once again weddington and

265

00:11:22,170 --> 00:11:19,750

interesting thing was at one stage one

266

00:11:24,000 --> 00:11:22,180

of the diviners dropped on the tiny bit

267

00:11:27,030 --> 00:11:24,010

of gold he was using to demonstrate and

268

00:11:32,550 --> 00:11:27,040

so suddenly we had Australia's top 20

269

00:11:37,230 --> 00:11:32,560

divine or dividing it and you know and

270

00:11:38,790 --> 00:11:37,240

at the end when the regula came and they

271

00:11:40,950 --> 00:11:38,800

ran out the reports we have the Reverend

272

00:11:43,380 --> 00:11:40,960

technology independent judge it read out

273

00:11:46,200 --> 00:11:43,390

the answers that I got one in ten within

274

00:11:48,000 --> 00:11:46,210

minutes they were all rationalizing

275

00:11:49,980 --> 00:11:48,010

coming up with an explanation one of

276

00:11:56,190 --> 00:11:49,990

them was it doesn't work if they're a

277

00:11:57,960 --> 00:11:56,200

skeptical people pray that every reason

278

00:11:59,880 --> 00:11:57,970

you would think of it and reading was

279

00:12:02,520 --> 00:11:59,890

right because I don't want to destroy

280

00:12:04,260 --> 00:12:02,530

people's belief in themselves and these

281

00:12:07,890 --> 00:12:04,270

people different had a believe they

282

00:12:10,260 --> 00:12:07,900

could do it now randy said did organ is

283

00:12:12,120 --> 00:12:10,270

it's early emotive ideomotor creation

284

00:12:14,730 --> 00:12:12,130

idea matter actually where the brain

285

00:12:18,060 --> 00:12:14,740

thinks it's there and it's moving the

286

00:12:19,280 --> 00:12:18,070

rods subconsciously and did he give me a

287

00:12:21,980 --> 00:12:19,290

fantastic game show

288

00:12:24,860 --> 00:12:21,990

because the next day a reported honey I

289

00:12:26,689 --> 00:12:24,870

need to be ready and said look Brandi

290

00:12:29,960 --> 00:12:26,699

doesn't matter what you say I believe in

291

00:12:31,819 --> 00:12:29,970

dividing my dad yet I can do it sai

292

00:12:33,439 --> 00:12:31,829

reddy said I will just hold on dick can

293

00:12:35,540 --> 00:12:33,449

you get a speaker magna from the

294

00:12:38,629 --> 00:12:35,550

warehouse so we rushed down and we got a

295

00:12:40,699 --> 00:12:38,639

speaker magnetic and he said now I'm

296

00:12:42,829 --> 00:12:40,709

going to sit the speaker magnet I first

297

00:12:44,240 --> 00:12:42,839

of all he checked with the divining rods

298

00:12:45,980 --> 00:12:44,250

he got them reported to hold the

299

00:12:48,499 --> 00:12:45,990

dividing ones we said now I want you to

300

00:12:49,699 --> 00:12:48,509

walk past the speaker magnet and of

301

00:12:51,949 --> 00:12:49,709

course the rights get pulled over

302

00:12:53,420 --> 00:12:51,959

towards the speaker magnet and so then

303

00:12:55,040 --> 00:12:53,430

said now what we're going to do is put

304

00:12:56,600 --> 00:12:55,050

the speaking handed in this look at all

305

00:12:59,120 --> 00:12:56,610

the rocks which of you can send money to

306

00:13:01,910 --> 00:12:59,130

the table they simply report now what I

307

00:13:04,069 --> 00:13:01,920

want you to do is to go past this [h\_\_h]

308

00:13:06,590 --> 00:13:04,079

man but use your muscles and everything

309

00:13:08,660 --> 00:13:06,600

to try and stop the rods from moving

310

00:13:10,430 --> 00:13:08,670

over towards the magnet under let me say

311

00:13:13,220 --> 00:13:10,440

this is ridiculous Randy we know it's

312

00:13:15,199 --> 00:13:13,230

not a bottle and rods it's just in theme

313

00:13:18,710 --> 00:13:15,209

of mine anyway said the reporter went

314

00:13:21,230 --> 00:13:18,720

backwards and forwards past the box and

315

00:13:24,079 --> 00:13:21,240

every time he couldn't stop the rods

316

00:13:25,639 --> 00:13:24,089

from going over to the box so after you

317

00:13:27,139 --> 00:13:25,649

did that three or four times venison are

318

00:13:29,540 --> 00:13:27,149

less interesting and lifted the cowboy

319

00:13:34,670 --> 00:13:29,550

box by suede of hand he'd removed the

320

00:13:36,800 --> 00:13:34,680

map for the name and wow that's proof

321

00:13:39,199 --> 00:13:36,810

because even though journalist said I

322

00:13:41,689 --> 00:13:39,209

can't believe it because he thought it

323

00:13:44,030 --> 00:13:41,699

was there the rods were moving and

324

00:13:46,250 --> 00:13:44,040

you'll find people who can find water so

325

00:13:48,170 --> 00:13:46,260

often I lived in a country town for

326

00:13:50,360 --> 00:13:48,180

years they know where the words like an

327

00:13:54,230 --> 00:13:50,370

immediate us are actually reading the

328

00:13:56,509 --> 00:13:54,240

strata and the way that Hills changing

329

00:13:59,059 --> 00:13:56,519

hood the ones who can follow the plastic

330

00:14:00,829 --> 00:13:59,069

irrigation piping are simply following

331

00:14:02,960 --> 00:14:00,839

where the farmer put it in if they know

332

00:14:04,579 --> 00:14:02,970

it starts and ends there a farmer

333

00:14:06,769 --> 00:14:04,589

normally has a logical way around the

334

00:14:08,389 --> 00:14:06,779

shed and following ears is root so from

335

00:14:10,910 --> 00:14:08,399

that's what they're following it but

336

00:14:13,460 --> 00:14:10,920

they don't believe it and when we finish

337

00:14:16,280 --> 00:14:13,470

this test with Australia 20 top diviners

338

00:14:19,129 --> 00:14:16,290

now we've succeeded but they all utterly

339

00:14:20,900 --> 00:14:19,139

convinced that they can do it that it

340

00:14:23,480 --> 00:14:20,910

had no effect on they believe and that

341

00:14:24,980 --> 00:14:23,490

to me was a really telling thing about

342

00:14:27,980 --> 00:14:24,990

the human condition

343

00:14:30,199 --> 00:14:27,990

the human psyche that some of us and

344

00:14:32,660 --> 00:14:30,209

maybe all of us will have some little

345

00:14:34,389 --> 00:14:32,670

self delusion of course here we all

346

00:14:36,980 --> 00:14:34,399

believe it ready is to say to me give

347

00:14:38,389 --> 00:14:36,990

everyone as I self-delusion other than

348

00:14:42,320 --> 00:14:38,399

you and me and any cooking inside

349

00:14:44,660 --> 00:14:42,330

sometimes are worried about you don't

350

00:14:46,610 --> 00:14:44,670

ever seen because a little about that

351  
00:14:48,260 --> 00:14:46,620  
time you started the Australian skeptics

352  
00:14:51,019 --> 00:14:48,270  
with Mark Plummer a solicitor from

353  
00:14:52,820 --> 00:14:51,029  
Melbourne Phillip Adams myself very

354  
00:14:54,620 --> 00:14:52,830  
quickly Barry Williams and lots of

355  
00:14:56,660 --> 00:14:54,630  
people came on side and done I'm very

356  
00:14:58,550 --> 00:14:56,670  
proud of what's happened here because I

357  
00:15:00,889 --> 00:14:58,560  
think it's very important if someone

358  
00:15:02,630 --> 00:15:00,899  
like Doris Stokes gyroscopes with a cold

359  
00:15:05,540 --> 00:15:02,640  
river that used to appear on the

360  
00:15:07,220 --> 00:15:05,550  
dementia if she turned up today the

361  
00:15:09,019 --> 00:15:07,230  
media wouldn't give a max time at all

362  
00:15:11,360 --> 00:15:09,029  
yeah that wee bit of fun but I don't

363  
00:15:13,760 --> 00:15:11,370

think they would run it is a genuine but

364

00:15:15,170 --> 00:15:13,770

the person had paranormal powers of

365

00:15:17,240 --> 00:15:15,180

course it's worked against me as a

366

00:15:19,880 --> 00:15:17,250

public figure I remember when the

367

00:15:22,490 --> 00:15:19,890

Australian skeptics gave the late Peter

368

00:15:24,530 --> 00:15:22,500

brought the big spoon award remember

369

00:15:26,720 --> 00:15:24,540

Peter rocket designed this little box

370

00:15:29,120 --> 00:15:26,730

that sound with a car under the bonnet

371

00:15:31,250 --> 00:15:29,130

of your car and if energized something

372

00:15:33,260 --> 00:15:31,260

didn't have all the lines of a polarizer

373

00:15:35,269 --> 00:15:33,270

that's what it was well peter brock

374

00:15:37,519 --> 00:15:35,279

brainiacs and if you've got to stop the

375

00:15:39,230 --> 00:15:37,529

australian skeptics from presenting me

376

00:15:41,090 --> 00:15:39,240

with a big spoon would and I said Peter

377

00:15:45,800 --> 00:15:41,100

I said our mother mother's I won't have

378

00:15:48,460 --> 00:15:45,810

any cuz all 11 even taller now seeing

379

00:15:51,170 --> 00:15:48,470

isn't believing it's interesting because

380

00:15:52,870 --> 00:15:51,180

when i started australian geographic we

381

00:15:55,100 --> 00:15:52,880

ran an article on the tasmanian tiger

382

00:15:56,510 --> 00:15:55,110

and it was going to be a skeptical

383

00:15:58,610 --> 00:15:56,520

article many people believe the

384

00:16:01,280 --> 00:15:58,620

tasmanian tiger still exists because

385

00:16:03,050 --> 00:16:01,290

it's seen Tasmania so what I got my

386

00:16:05,449 --> 00:16:03,060

researchers to do I said I want you to

387

00:16:07,940 --> 00:16:05,459

do a map of Tasmania showing all the

388

00:16:09,680 --> 00:16:07,950

sightings well not only did they do that

389

00:16:11,900 --> 00:16:09,690

they said dick and they must have been

390

00:16:14,420 --> 00:16:11,910

150 members of the Tasmanian sightings

391

00:16:16,220 --> 00:16:14,430

everywhere but then they did a map of

392

00:16:18,440 --> 00:16:16,230

Australia with all the sightings on

393

00:16:22,699 --> 00:16:18,450

mainland Australia we have Tasmanian

394

00:16:24,079 --> 00:16:22,709

Tigers all across and it really talking

395

00:16:26,980 --> 00:16:24,089

some most of these sightings with people

396

00:16:29,929 --> 00:16:26,990

who've seen it and believed it because

397

00:16:31,839 --> 00:16:29,939

they think if you see it and it's

398

00:16:34,789 --> 00:16:31,849

is what it is your tea you can believe

399

00:16:36,439 --> 00:16:34,799

that's of course not true I remember a

400

00:16:38,329 --> 00:16:36,449

little bit after that I was searching

401  
00:16:40,479 --> 00:16:38,339  
for the cook of our aircraft in the

402  
00:16:44,239 --> 00:16:40,489  
tanner my desert the cougar bar was a

403  
00:16:46,849 --> 00:16:44,249  
small monoplane that had gone to search

404  
00:16:48,469 --> 00:16:46,859  
for kinships with in 1929 it was fourth

405  
00:16:51,139 --> 00:16:48,479  
down with two pilots lost their lives

406  
00:16:54,169 --> 00:16:51,149  
because the bodies were recovered and

407  
00:16:57,439 --> 00:16:54,179  
brought back the plane was met and it

408  
00:16:59,089 --> 00:16:57,449  
went missing for nearly 50 years 48

409  
00:17:01,069 --> 00:16:59,099  
years later the northern terminus of

410  
00:17:04,490 --> 00:17:01,079  
iowa's cross in the town of my desert

411  
00:17:06,529 --> 00:17:04,500  
and he was kissing one of these hunches

412  
00:17:08,419 --> 00:17:06,539  
and he looked and he saw a spoke wheel

413  
00:17:10,579 --> 00:17:08,429

sticking out of a hitch abortion he

414

00:17:12,829 --> 00:17:10,589

raced over to it realized with a plane

415

00:17:14,799 --> 00:17:12,839

and looked around for bodies and when he

416

00:17:17,149 --> 00:17:14,809

finally got back to down he found that

417

00:17:19,819 --> 00:17:17,159

looked up the engine and that was the

418

00:17:21,710 --> 00:17:19,829

Lost kookaburra and so lots of hidden

419

00:17:23,659 --> 00:17:21,720

search for after 16 expeditions I

420

00:17:26,360 --> 00:17:23,669

organize an expedition from Australia

421

00:17:29,149 --> 00:17:26,370

from Sydney and I went up into the 10 of

422

00:17:33,499 --> 00:17:29,159

my Jessica staff of Darwin now I had a

423

00:17:34,759 --> 00:17:33,509

photo with me of the Kookaburra when it

424

00:17:36,740 --> 00:17:34,769

was found by the Northern Territory

425

00:17:38,360 --> 00:17:36,750

surveyor which was sort of a spoken

426

00:17:41,240 --> 00:17:38,370

little bit of a skeleton everything I'd

427

00:17:42,680 --> 00:17:41,250

seen that but I'm flying the one in the

428

00:17:46,310 --> 00:17:42,690

helicopter with a flying backwards and

429

00:17:48,980 --> 00:17:46,320

forwards and as we turn the chopper I

430

00:17:50,960 --> 00:17:48,990

saw the Google I saw the smoke with

431

00:17:53,149 --> 00:17:50,970

everything I did I said I say that we

432

00:17:55,070 --> 00:17:53,159

found it was flying around again wasn't

433

00:17:57,259 --> 00:17:55,080

there there was no sort of a bit of a

434

00:17:59,600 --> 00:17:57,269

stunt which wasn't really very like it

435

00:18:01,909 --> 00:17:59,610

at all so we went back to camp and I

436

00:18:05,720 --> 00:18:01,919

said what I just don't understand I saw

437

00:18:07,999 --> 00:18:05,730

it absolutely now luckily for me the

438

00:18:11,180 --> 00:18:08,009

next year later we found the book about

439

00:18:14,659 --> 00:18:11,190

miles away from that location but it

440

00:18:17,119 --> 00:18:14,669

shows you what the human brain can do so

441

00:18:20,180 --> 00:18:17,129

always remember seeing is not believing

442

00:18:21,619 --> 00:18:20,190

recently a friend of mine who does a lot

443

00:18:24,169 --> 00:18:21,629

of walking up the balloon mouth you said

444

00:18:26,830 --> 00:18:24,179

you saw what's it called these days that

445

00:18:29,980 --> 00:18:26,840

would happen here at the Muslim

446

00:18:31,930 --> 00:18:29,990

nope and fancy and when I said well I

447

00:18:35,500 --> 00:18:31,940

don't think you sorted said dick I saw

448

00:18:38,740 --> 00:18:35,510

through I said I wouldn't believe what I

449

00:18:40,720 --> 00:18:38,750

saw so I think that's very important now

450

00:18:43,720 --> 00:18:40,730

I'll tell you another with a wooden

451  
00:18:45,250 --> 00:18:43,730  
divining story the New Zealanders have

452  
00:18:46,510 --> 00:18:45,260  
heard that we're offering his money

453  
00:18:48,760 --> 00:18:46,520  
woods by then went after a hundred

454  
00:18:51,960 --> 00:18:48,770  
thousand dollars for anyone who can

455  
00:18:54,730 --> 00:18:51,970  
divide and so they did a major

456  
00:18:57,580 --> 00:18:54,740  
television program there and they sent

457  
00:19:00,580 --> 00:18:57,590  
to Australia New Zealand's top diviner

458  
00:19:02,830 --> 00:19:00,590  
and he could divine brass with a hundred

459  
00:19:04,930 --> 00:19:02,840  
percent accuracy and I said look don't

460  
00:19:07,480 --> 00:19:04,940  
send him until you do a check because he

461  
00:19:09,370 --> 00:19:07,490  
had out of me and air backer and I said

462  
00:19:11,320 --> 00:19:09,380  
get your cowboy shoe boxes and all the

463  
00:19:13,600 --> 00:19:11,330

rest and the back is if I don't need to

464

00:19:16,840 --> 00:19:13,610

do that I know this bloke [h\_\_\h]

465

00:19:19,450 --> 00:19:16,850

anyway so he sent him over and to some

466

00:19:22,380 --> 00:19:19,460

reason the test was to take place of

467

00:19:24,490 --> 00:19:22,390

gospel with the gospel radio station and

468

00:19:25,750 --> 00:19:24,500

suddenly I realized I hope you get out

469

00:19:27,370 --> 00:19:25,760

the Russian so I jumped in the

470

00:19:30,880 --> 00:19:27,380

helicopter now realize I never had any

471

00:19:32,080 --> 00:19:30,890

money so I quickly said to my wife who

472

00:19:34,930 --> 00:19:32,090

you got you manage to several I've got

473

00:19:38,730 --> 00:19:34,940

the chip now they have [h\_\_\h] camp so I

474

00:19:41,410 --> 00:19:38,740

said quick so I run out of gin 400,000

475

00:19:43,750 --> 00:19:41,420

she said it's only a hundred sixty

476

00:19:46,510 --> 00:19:43,760

dollars in

477

00:19:48,790 --> 00:19:46,520

so I flew up to Boston veneers the radio

478

00:19:52,150 --> 00:19:48,800

station and there's but the man it's

479

00:19:54,250 --> 00:19:52,160

come from from New Zealand and so I get

480

00:19:57,220 --> 00:19:54,260

out the chair and I hand the chip to the

481

00:19:59,170 --> 00:19:57,230

radio station manager I said you are

482

00:20:01,300 --> 00:19:59,180

happier to be the judge and you're a

483

00:20:03,130 --> 00:20:01,310

hand the check out brands as laws and

484

00:20:10,390 --> 00:20:03,140

he's shaking to all I've did a hell so

485

00:20:11,710 --> 00:20:10,400

much money anyway the first we've been

486

00:20:13,270 --> 00:20:11,720

able to do we would have got the money

487

00:20:16,000 --> 00:20:13,280

but if the particular time is that he

488

00:20:17,590 --> 00:20:16,010

was with me well the person started

489

00:20:20,530 --> 00:20:17,600

first of all he'd brought with him a

490

00:20:22,030 --> 00:20:20,540

brass doorknocker and he'll demonstrated

491

00:20:24,190 --> 00:20:22,040

the fantasy he put the door lock her

492

00:20:26,380 --> 00:20:24,200

down and the rods he couldn't believe I

493

00:20:28,960 --> 00:20:26,390

mean you hard to believe that this

494

00:20:30,820 --> 00:20:28,970

involuntary muscle reaction that was

495

00:20:32,470 --> 00:20:30,830

doing it and he showed it everywhere so

496

00:20:34,510 --> 00:20:32,480

he said I'm now ready to do the test and

497

00:20:37,210 --> 00:20:34,520

so we got out the shoe boxes and I said

498

00:20:39,040 --> 00:20:37,220

why don't you use your piece of brass

499

00:20:41,680 --> 00:20:39,050

that you bought with you and he looked

500

00:20:43,090 --> 00:20:41,690

at he said you wouldn't let me de let us

501  
00:20:46,000 --> 00:20:43,100  
and of course i would if you can find

502  
00:20:48,670 --> 00:20:46,010  
that more than one in ten times in their

503  
00:20:50,350 --> 00:20:48,680  
shoe boxes well so first of all he then

504  
00:20:55,300 --> 00:20:50,360  
looked suspiciously around and he found

505  
00:20:57,510 --> 00:20:55,310  
a briefcase that he got moved away so

506  
00:21:00,400 --> 00:20:57,520  
once again we did the test where we said

507  
00:21:02,170 --> 00:21:00,410  
we'll mark the box and in this

508  
00:21:03,610 --> 00:21:02,180  
particular case we put it in number two

509  
00:21:06,670 --> 00:21:03,620  
he was talking so much he went up and

510  
00:21:09,520 --> 00:21:06,680  
down divine box number 3 and his wife

511  
00:21:12,070 --> 00:21:09,530  
said to hold on darling and keep what

512  
00:21:13,360 --> 00:21:12,080  
the box it was putting so even when we

513  
00:21:16,940 --> 00:21:13,370

did the test where he put it in the

514

00:21:24,000 --> 00:21:20,580

laughs but the interesting thing is I've

515

00:21:26,399 --> 00:21:24,010

never yet found a fraud a fraud the

516

00:21:30,360 --> 00:21:26,409

person these people are absolutely

517

00:21:32,669 --> 00:21:30,370

genuine and don't be careful of that

518

00:21:35,730 --> 00:21:32,679

ticking yes will that I bit bonkers

519

00:21:37,080 --> 00:21:35,740

behind not because i believe it's part

520

00:21:39,990 --> 00:21:37,090

of our human condition we all have

521

00:21:41,580 --> 00:21:40,000

something let's hope people here who are

522

00:21:43,560 --> 00:21:41,590

in line a way where we can delude

523

00:21:45,120 --> 00:21:43,570

ourselves into believing or something so

524

00:21:48,659 --> 00:21:45,130

in this particular cut and by the other

525

00:21:52,380 --> 00:21:48,669

than leave this particular case he did

526

00:21:54,899 --> 00:21:52,390

the test and he got one in ten and that

527

00:21:56,430 --> 00:21:54,909

was of course the test a chance now

528

00:21:58,500 --> 00:21:56,440

since then we haven't spent a lot of

529

00:22:00,269 --> 00:21:58,510

time on water diviner because I must

530

00:22:04,769 --> 00:22:00,279

admit people are contacting me from time

531

00:22:06,269 --> 00:22:04,779

to time and it's it's just irritating to

532

00:22:08,610 --> 00:22:06,279

waste time when you know what the

533

00:22:11,669 --> 00:22:08,620

results going to be but from time to

534

00:22:15,149 --> 00:22:11,679

time it is a very simple way if someone

535

00:22:17,399 --> 00:22:15,159

says they can read the future or they

536

00:22:19,169 --> 00:22:17,409

are talking to someone who's dead it's a

537

00:22:21,870 --> 00:22:19,179

very hard to interpret of cold readers

538

00:22:23,880 --> 00:22:21,880

are very good at their job but a simple

539

00:22:27,210 --> 00:22:23,890

water divided test is very simple to

540

00:22:30,389 --> 00:22:27,220

believe and of course it's shows quite

541

00:22:32,909 --> 00:22:30,399

clearly I think just skeptic about how

542

00:22:36,690 --> 00:22:32,919

human beings can delude themselves and

543

00:22:39,269 --> 00:22:36,700

even wen schauen quite clearly but they

544

00:22:42,299 --> 00:22:39,279

couldn't do what they said they can do

545

00:22:44,039 --> 00:22:42,309

many of them claimed I well I really

546

00:22:45,510 --> 00:22:44,049

wasn't any good at divining investment

547

00:22:49,560 --> 00:22:45,520

touch we said well why did you do that

548

00:22:51,440 --> 00:22:49,570

test and interesting thing is that at

549

00:22:53,970 --> 00:22:51,450

one stage over about a 30 year period

550

00:22:57,000 --> 00:22:53,980

Water Conservation Commission give a

551  
00:23:00,210 --> 00:22:57,010  
celibate still around where they shipped

552  
00:23:02,730 --> 00:23:00,220  
the number of group drills that will put

553  
00:23:06,899 --> 00:23:02,740  
down with dividing the number that words

554  
00:23:10,799 --> 00:23:06,909  
and the divine Wells got around about a

555  
00:23:12,530 --> 00:23:10,809  
ninety four percent hit rate but a non

556  
00:23:15,260 --> 00:23:12,540  
divine Wells got a one

557  
00:23:18,110 --> 00:23:15,270  
% head right but if you use the

558  
00:23:20,480 --> 00:23:18,120  
geologists to knew what it was of course

559  
00:23:22,040 --> 00:23:20,490  
we've got to be careful because when I

560  
00:23:25,550 --> 00:23:22,050  
wanted to get some drilling down around

561  
00:23:27,290 --> 00:23:25,560  
fun my manager said I ran up the water

562  
00:23:31,010 --> 00:23:27,300  
drilling companies big waters and

563  
00:23:33,110 --> 00:23:31,020

they've got a diviner here goes but when

564

00:23:35,060 --> 00:23:33,120

I actually a mess with him and he

565

00:23:37,100 --> 00:23:35,070

realized I was a skeptic he said I local

566

00:23:38,570 --> 00:23:37,110

said everyone believes in divining he

567

00:23:40,310 --> 00:23:38,580

said so I come out and I walk around

568

00:23:42,350 --> 00:23:40,320

these for those logical places my

569

00:23:47,660 --> 00:23:42,360

experience then I get out the ones in

570

00:23:49,700 --> 00:23:47,670

one that's amazing how now I mention

571

00:23:51,830 --> 00:23:49,710

seeing is believing I think another

572

00:23:56,780 --> 00:23:51,840

great example of this is that in the

573

00:23:59,240 --> 00:23:56,790

1930s an aircraft flying from Brisbane

574

00:24:02,660 --> 00:23:59,250

to Sydney when decisions the famous case

575

00:24:04,850 --> 00:24:02,670

where the plane I won't mention where it

576

00:24:07,240 --> 00:24:04,860

crashed at the moment but it was flying

577

00:24:10,760 --> 00:24:07,250

in those days of anyone plan a day and

578

00:24:14,450 --> 00:24:10,770

it was sighted all the way down the

579

00:24:16,790 --> 00:24:14,460

coast from Brisbane lismore but the two

580

00:24:20,000 --> 00:24:16,800

best sightings were from a policeman and

581

00:24:21,500 --> 00:24:20,010

a school teacher at gosford so they've

582

00:24:23,410 --> 00:24:21,510

searched around the hawkesbury river

583

00:24:25,730 --> 00:24:23,420

that the plane had landed on the ground

584

00:24:28,460 --> 00:24:25,740

searched and searched from wit and

585

00:24:31,490 --> 00:24:28,470

couldn't find anything after a week a

586

00:24:33,830 --> 00:24:31,500

young man who called Bernadeau riley in

587

00:24:37,130 --> 00:24:33,840

the mclarssen Rangers just 70 miles

588

00:24:39,320 --> 00:24:37,140

south of Brisbane just had a feeling and

589

00:24:41,030 --> 00:24:39,330

asked some of them that we saw the plane

590

00:24:43,430 --> 00:24:41,040

fly over but it was really bad weather

591

00:24:46,460 --> 00:24:43,440

so he started working through the

592

00:24:47,960 --> 00:24:46,470

rainforest and went for a house finally

593

00:24:49,910 --> 00:24:47,970

climbed up in a bit of a look at and

594

00:24:55,160 --> 00:24:49,920

across the other side of the ravine you

595

00:24:57,020 --> 00:24:55,170

saw one dead tree and he tore all day to

596

00:24:58,670 --> 00:24:57,030

get to the dead tree as he got close to

597

00:25:02,450 --> 00:24:58,680

it he's yelling out he then some voices

598

00:25:04,670 --> 00:25:02,460

and two people were alive I think by

599

00:25:06,440 --> 00:25:04,680

then it was eight days the plane had

600

00:25:09,950 --> 00:25:06,450

crashed three were allied wanted got to

601  
00:25:11,750 --> 00:25:09,960  
get help if he died he was thinking

602  
00:25:13,490 --> 00:25:11,760  
about that was the plane had never gone

603  
00:25:15,950 --> 00:25:13,500  
further south before

604  
00:25:19,820 --> 00:25:15,960  
Rangers but it was sighted all in the

605  
00:25:22,340 --> 00:25:19,830  
way by genuine people and as I mentioned

606  
00:25:24,290 --> 00:25:22,350  
seeing is not believing that what's

607  
00:25:26,300 --> 00:25:24,300  
happened is their mind has said I would

608  
00:25:28,670 --> 00:25:26,310  
imagine let's send a plane fly over for

609  
00:25:31,460 --> 00:25:28,680  
probably 12 months then when they hear

610  
00:25:34,160 --> 00:25:31,470  
it's missing somehow the bright the mind

611  
00:25:36,280 --> 00:25:34,170  
gives a flip and says I that sighting of

612  
00:25:38,870 --> 00:25:36,290  
last week was actually yesterday and

613  
00:25:40,520 --> 00:25:38,880

that's what happened so you've got to be

614

00:26:05,120 --> 00:25:40,530

very skeptical about all of these things

615

00:26:10,830 --> 00:26:08,520

hi this is Morial boy boo from smarter

616

00:26:12,570 --> 00:26:10,840

than that calm and smart acts calm I

617

00:26:14,130 --> 00:26:12,580

don't know about you but I'm definitely

618

00:26:16,590 --> 00:26:14,140

coming to the amazing meeting this year

619

00:26:18,270 --> 00:26:16,600

and following last year's scientific

620

00:26:19,890 --> 00:26:18,280

success I would love to conduct a

621

00:26:22,170 --> 00:26:19,900

scientific experiment with Richard

622

00:26:24,330 --> 00:26:22,180

Saunders do you have any ideas of a

623

00:26:26,850 --> 00:26:24,340

scientific experiment we can conduct go

624

00:26:28,920 --> 00:26:26,860

to smarter than that calm / contact and

625

00:26:30,300 --> 00:26:28,930

share your idea with me Richard and I

626

00:26:32,040 --> 00:26:30,310

will pick the best experiment and

627

00:26:34,410 --> 00:26:32,050

conducted on this year's time 7

628

00:26:36,360 --> 00:26:34,420

personally I can't wait to see what your

629

00:26:38,310 --> 00:26:36,370

deviously scientific minds come up with

630

00:26:41,970 --> 00:26:38,320

I'm sure Richard will be happy to do

631

00:26:44,310 --> 00:26:41,980

anything you ask ok not anything almost

632

00:26:46,260 --> 00:26:44,320

anything ok ok maybe not almost anything

633

00:26:48,810 --> 00:26:46,270

either but you should still send your

634

00:26:50,070 --> 00:26:48,820

ideas to me I'll read them I promise so

635

00:26:57,000 --> 00:26:50,080

I'll see you at the amazing meeting

636

00:26:59,760 --> 00:26:57,010

seven Las Vegas 2009 the skeptic zone is

637

00:27:02,220 --> 00:26:59,770

an effort by volunteers we do have

638

00:27:05,400 --> 00:27:02,230

production costs not much but we do and

639

00:27:07,440 --> 00:27:05,410

your donations are sincerely appreciated

640

00:27:11,510 --> 00:27:07,450

you can send a little bit of money our

641

00:27:14,700 --> 00:27:11,520

way by going to ww skeptic zone TV and

642

00:27:24,150 --> 00:27:14,710

pressing the paypal button we really do

643

00:27:27,150 --> 00:27:24,160

appreciate it my name is Joanne been

644

00:27:29,130 --> 00:27:27,160

homo a few weeks ago myself and several

645

00:27:31,320 --> 00:27:29,140

other skeptics went to the festival of

646

00:27:34,890 --> 00:27:31,330

mind body and spirit Sydney exhibition

647

00:27:36,300 --> 00:27:34,900

center as a registered nurse it concerns

648

00:27:38,250 --> 00:27:36,310

me that many people are choosing to

649

00:27:39,810 --> 00:27:38,260

dabble in untested health treatments

650

00:27:41,850 --> 00:27:39,820

that have not been held up to scientific

651

00:27:44,580 --> 00:27:41,860

scrutiny and could potentially cause

652

00:27:46,170 --> 00:27:44,590

harm I was keen to see with the festival

653

00:27:47,790 --> 00:27:46,180

offered and whether it would live up to

654

00:27:49,920 --> 00:27:47,800

its reputation within the skeptical

655

00:27:53,160 --> 00:27:49,930

community as an arena for quackery

656

00:27:54,300 --> 00:27:53,170

nonsense and magical potions perhaps it

657

00:28:01,320 --> 00:27:54,310

would turn out to be just a bit of

658

00:28:01,330 --> 00:28:05,490

Oh

659

00:28:11,340 --> 00:28:08,850

in keeping with its name the festival of

660

00:28:14,280 --> 00:28:11,350

mind body and spirit is nothing if not

661

00:28:16,170 --> 00:28:14,290

spirited upon entering the Sydney

662

00:28:18,690 --> 00:28:16,180

Exhibition Centre I was met by the

663

00:28:20,460 --> 00:28:18,700

jingle jangle of bells and air that

664

00:28:23,430 --> 00:28:20,470

sparkled with the stray glitter of

665

00:28:25,350 --> 00:28:23,440

passing fairy wings the hall was

666

00:28:27,750 --> 00:28:25,360

positively abuzz with enthusiastic

667

00:28:29,850 --> 00:28:27,760

stallholders passing out fliers and

668

00:28:31,830 --> 00:28:29,860

punters eagerly filling their

669

00:28:34,650 --> 00:28:31,840

complimentary carry bags of tonics

670

00:28:38,460 --> 00:28:34,660

crystals organic foods and promotional

671

00:28:41,010 --> 00:28:38,470

materials a huge queue had formed around

672

00:28:43,410 --> 00:28:41,020

the aura images stand we're having one's

673

00:28:46,890 --> 00:28:43,420

energy field photographed seemed to be

674

00:28:49,050 --> 00:28:46,900

the activity du jour as I watched the

675

00:28:51,660 --> 00:28:49,060

crowd lap up the rhetoric and jostle for

676  
00:28:54,630 --> 00:28:51,670  
treatments too vague ailments or more

677  
00:28:56,610 --> 00:28:54,640  
accurately symptoms of life I began to

678  
00:28:59,130 --> 00:28:56,620  
wonder what a blight on human progress

679  
00:29:02,220 --> 00:28:59,140  
it will prove to be to have so many of

680  
00:29:03,990 --> 00:29:02,230  
us waste our energies on products and

681  
00:29:05,820 --> 00:29:04,000  
procedures that refuse to be held

682  
00:29:09,330 --> 00:29:05,830  
accountable to all known laws of

683  
00:29:12,180 --> 00:29:09,340  
chemistry physics and biology and which

684  
00:29:15,840 --> 00:29:12,190  
unfortunately have great potential to do

685  
00:29:19,260 --> 00:29:15,850  
harm my mind returned to the word harm

686  
00:29:22,110 --> 00:29:19,270  
frequently during the day as Tim Farley

687  
00:29:25,920 --> 00:29:22,120  
superb website what's the harm net shows

688  
00:29:27,920 --> 00:29:25,930

us the harm is very real right now the

689

00:29:30,780 --> 00:29:27,930

world faces many difficult challenges

690

00:29:33,540 --> 00:29:30,790

some realized and some lurking on the

691

00:29:36,480 --> 00:29:33,550

edge of our vision threatening but by no

692

00:29:38,250 --> 00:29:36,490

means guaranteed the return of some of

693

00:29:40,410 --> 00:29:38,260

the most frightening infectious diseases

694

00:29:42,360 --> 00:29:40,420

that we have suffered as well as the

695

00:29:45,030 --> 00:29:42,370

potential for a deadly flu pandemic

696

00:29:47,820 --> 00:29:45,040

creates real challenges for both medical

697

00:29:50,100 --> 00:29:47,830

researchers and clinicians and yet

698

00:29:52,530 --> 00:29:50,110

rather than seeking education through

699

00:29:54,900 --> 00:29:52,540

vetted and verifiable sources or

700

00:29:57,810 --> 00:29:54,910

consulting medical experts with years of

701

00:29:59,600 --> 00:29:57,820

scientific training droves of people are

702

00:30:02,790 --> 00:29:59,610

throwing away their time and money on

703

00:30:05,370 --> 00:30:02,800

unsubstantiated mumbo jumbo that has not

704

00:30:08,280 --> 00:30:05,380

been answerable to rigorous standards of

705

00:30:13,230 --> 00:30:10,960

remaining unanswerable proved to be a

706

00:30:15,640 --> 00:30:13,240

theme of the day as I came to see

707

00:30:17,110 --> 00:30:15,650

despite the requirements set out by the

708

00:30:18,760 --> 00:30:17,120

New South Wales Department of Health

709

00:30:21,070 --> 00:30:18,770

that the code of conduct for

710

00:30:22,690 --> 00:30:21,080

unregistered health practitioners be

711

00:30:25,510 --> 00:30:22,700

displayed in any place where they

712

00:30:29,770 --> 00:30:25,520

practice that document was noticeably

713

00:30:31,840 --> 00:30:29,780

absent from every stall at a large stall

714

00:30:33,910 --> 00:30:31,850

offering holistic treatment for hundreds

715

00:30:36,610 --> 00:30:33,920

of conditions including cancer I

716

00:30:38,860 --> 00:30:36,620

witnessed an elderly lady being filmed

717

00:30:40,810 --> 00:30:38,870

by the stall holder as she hesitantly

718

00:30:42,430 --> 00:30:40,820

pulled herself out of her wheelchair to

719

00:30:45,400 --> 00:30:42,440

try the special footwear that he had

720

00:30:47,110 --> 00:30:45,410

fitted her with sitting in a neat row on

721

00:30:50,770 --> 00:30:47,120

top of a table was a collection of

722

00:30:52,360 --> 00:30:50,780

potions she walked a few steps and I

723

00:30:54,430 --> 00:30:52,370

couldn't shake the feeling that peter

724

00:30:59,530 --> 00:30:54,440

Popoff might leap out from behind the

725

00:31:01,420 --> 00:30:59,540

curtain yelling Jesus he hath healed dr.

726

00:31:03,790 --> 00:31:01,430

Rachel Dunlop one of my partners in

727

00:31:06,370 --> 00:31:03,800

investigation for the day ask the

728

00:31:08,140 --> 00:31:06,380

mustachioed man behind the camera if you

729

00:31:10,870 --> 00:31:08,150

would be able to help her friend who had

730

00:31:13,540 --> 00:31:10,880

recently been diagnosed with cancer he

731

00:31:15,750 --> 00:31:13,550

swiftly responded yes and with great

732

00:31:18,340 --> 00:31:15,760

flourish pointed to the row of bottles

733

00:31:20,670 --> 00:31:18,350

assuring us that those exact bottles

734

00:31:22,870 --> 00:31:20,680

were what her friend would need a

735

00:31:25,810 --> 00:31:22,880

consultation and then a liquid diet

736

00:31:28,150 --> 00:31:25,820

would be required altogether incurring a

737

00:31:31,660 --> 00:31:28,160

cost of twelve thousand dollars for one

738

00:31:35,590 --> 00:31:31,670

year the results he declared the cancer

739

00:31:36,880 --> 00:31:35,600

would go away a burgeoning new trend in

740

00:31:39,430 --> 00:31:36,890

the world of complementary and

741

00:31:42,970 --> 00:31:39,440

alternative medicine is the promotion of

742

00:31:45,040 --> 00:31:42,980

so-called alkaline water this centers on

743

00:31:47,740 --> 00:31:45,050

claims that the pH of the body is

744

00:31:50,110 --> 00:31:47,750

becoming increasingly acidic due to

745

00:31:53,500 --> 00:31:50,120

exposure to environmental toxins and

746

00:31:57,400 --> 00:31:53,510

poor lifestyle a large sign in front of

747

00:32:01,960 --> 00:31:57,410

one store invited passes by to ask how

748

00:32:03,580 --> 00:32:01,970

water can cure incurable diseases we

749

00:32:05,440 --> 00:32:03,590

press the stallholders for more

750

00:32:08,019 --> 00:32:05,450

information about how this worked and

751  
00:32:10,639 --> 00:32:08,029  
whether it could cure our friends cancer

752  
00:32:13,070 --> 00:32:10,649  
they speedily backpedaled from their

753  
00:32:14,740 --> 00:32:13,080  
claims offering vague explanations about

754  
00:32:17,690 --> 00:32:14,750  
it helping the immune system

755  
00:32:21,529 --> 00:32:17,700  
neutralizing acid and detoxifying the

756  
00:32:24,289 --> 00:32:21,539  
body their bizarre logic and aggressive

757  
00:32:26,360 --> 00:32:24,299  
demeanor led us to quickly retreat but

758  
00:32:28,279 --> 00:32:26,370  
not before one of them tapped Australian

759  
00:32:30,409 --> 00:32:28,289  
skeptics Vice President Richard Saunders

760  
00:32:33,200 --> 00:32:30,419  
on the shoulder and with the great

761  
00:32:35,269 --> 00:32:33,210  
chuckle proffered that the aspartamay

762  
00:32:38,720 --> 00:32:35,279  
aidan gum that Richard was chewing would

763  
00:32:41,539 --> 00:32:38,730

soon give him brain cancer several

764

00:32:43,700 --> 00:32:41,549

stalls offered live blood analysis the

765

00:32:45,740 --> 00:32:43,710

pseudoscience claiming to diagnose

766

00:32:48,980 --> 00:32:45,750

illness by analyzing a drop of blood

767

00:32:50,990 --> 00:32:48,990

under a microscope after the diagnosis

768

00:32:54,080 --> 00:32:51,000

punters are encouraged to buy the

769

00:32:56,509 --> 00:32:54,090

supplements on display we asked the

770

00:32:59,029 --> 00:32:56,519

stallholder how it worked whether they

771

00:33:01,909 --> 00:32:59,039

could use it for HIV or other viruses

772

00:33:04,460 --> 00:33:01,919

like swine flu we were told that it

773

00:33:07,250 --> 00:33:04,470

coats the cell creating a barrier so

774

00:33:09,139 --> 00:33:07,260

that nothing can get in when I inquired

775

00:33:12,529 --> 00:33:09,149

about how things that need to get into

776

00:33:14,779 --> 00:33:12,539

the cell like oxygen can do so he looked

777

00:33:18,350 --> 00:33:14,789

at me blankly and told me that the

778

00:33:20,360 --> 00:33:18,360

barrier only lasted for one hour at the

779

00:33:22,850 --> 00:33:20,370

end of the day standing at the doors of

780

00:33:26,240 --> 00:33:22,860

the Sydney exhibition center I couldn't

781

00:33:28,279 --> 00:33:26,250

help but wonder would such enthusiasm be

782

00:33:31,340 --> 00:33:28,289

on show for a festival grounded in real

783

00:33:34,039 --> 00:33:31,350

science are we no longer interested in

784

00:33:36,590 --> 00:33:34,049

scientific evidence and only able to

785

00:33:39,649 --> 00:33:36,600

absorb vague ideas based on ethereal

786

00:33:43,100 --> 00:33:39,659

notions of energy auras chakras and

787

00:33:45,799 --> 00:33:43,110

harmony with nature what kind of harm

788

00:33:48,460 --> 00:33:45,809

threatens humanity if we continue to

789

00:33:51,440 --> 00:33:48,470

allow the celebration and indeed the

790

00:34:00,919 --> 00:33:51,450

commercialization of the unfounded cure

791

00:34:07,200 --> 00:34:04,500

so that's why you can't eat her okay I

792

00:34:08,190 --> 00:34:07,210

was just talking to the student till now

793

00:34:11,070 --> 00:34:08,200

look I'm supposed to tell you about

794

00:34:14,790 --> 00:34:11,080

something the cosmic Tea Party a new

795

00:34:16,169 --> 00:34:14,800

science podcast podcast day who's it at

796

00:34:18,930 --> 00:34:16,179

any rate it's about science and

797

00:34:22,260 --> 00:34:18,940

mathematics sounds rather dull oh hang

798

00:34:23,879 --> 00:34:22,270

on I open it and says here not down so

799

00:34:27,570 --> 00:34:23,889

there you have it the cosmic Tea Party

800

00:34:39,740 --> 00:34:27,580

podcast WWE cosmic Tea Party or or

801  
00:34:44,879 --> 00:34:42,359  
thank you for downloading the skeptic

802  
00:34:48,299 --> 00:34:44,889  
zone next week the full shows back with

803  
00:34:50,819 --> 00:34:48,309  
grain of salt dr. Reggie reports and a

804  
00:34:52,829 --> 00:34:50,829  
think tank until then this is Richard

805  
00:34:59,250 --> 00:34:52,839  
Saunders signing off from Sydney

806  
00:35:01,559 --> 00:34:59,260  
Australia see you at tam you've been

807  
00:35:06,630 --> 00:35:01,569  
listening to the skeptic zone visit our

808  
00:35:10,870 --> 00:35:06,640  
website at WWF digs on TV for comments

809  
00:35:15,910 --> 00:35:10,880  
contacts and extra video reports