

Episode **592**

THE
**SKEPTIC
ZONE**
PODCAST

www.skepticzone.tv

16 February 2020

A Psychic in Court

**Logical Fallacies
with Michelle Bijkersma
"Ad Hominem"**

Beating Cancer?

**Maynard at Skepticon 2019
with
Caroline Zielinski
Liam Mannix
Tim Mendham**



1
00:00:11,860 --> 00:00:09,110
welcome to the skeptic zone the podcast

2
00:00:13,930 --> 00:00:11,870
from Australia for science and reason

3
00:00:16,840 --> 00:00:13,940
[Music]

4
00:00:22,330 --> 00:00:16,850
[Applause]

5
00:00:24,859 --> 00:00:22,340
[Music]

6
00:00:29,150 --> 00:00:24,869
yes it's the skeptics own podcast

7
00:00:31,999 --> 00:00:29,160
episode number 592 for the 16th of

8
00:00:34,939 --> 00:00:32,009
February 2020 Richard Saunders here with

9
00:00:36,710 --> 00:00:34,949
you from Sydney Australia and what a

10
00:00:41,630 --> 00:00:36,720
week it's been in Sydney Australia it

11
00:00:45,380 --> 00:00:41,640
started with the flooding rains amazing

12
00:00:47,569 --> 00:00:45,390
torrential downpour last week flooding

13
00:00:49,460 --> 00:00:47,579

everything water everywhere quite a

14

00:00:52,520 --> 00:00:49,470

change from all those bush fires not so

15

00:00:54,080 --> 00:00:52,530

long ago and so after the last episode

16

00:00:56,619 --> 00:00:54,090

of the skeptic Stone went out to the

17

00:01:00,979 --> 00:00:56,629

world I was looking forward to a

18

00:01:03,880 --> 00:01:00,989

relaxing afternoon instead I was helping

19

00:01:07,400 --> 00:01:03,890

to mop up storm water from the garage

20

00:01:08,990 --> 00:01:07,410

but today the Sun has come out but also

21

00:01:12,370 --> 00:01:09,000

what a week it's been in Sydney

22

00:01:15,940 --> 00:01:12,380

Australia for the legal system and the

23

00:01:20,260 --> 00:01:15,950

past week saw the appearance at the

24

00:01:22,790 --> 00:01:20,270

committal hearing for Chris Dawson and

25

00:01:24,440 --> 00:01:22,800

for those of you who don't know Chris

26
00:01:27,530 --> 00:01:24,450
Dawson has been charged with the murder

27
00:01:30,679 --> 00:01:27,540
of his wife Lynne Dawson all the way

28
00:01:33,020 --> 00:01:30,689
back in 1982 a very famous case here in

29
00:01:37,730 --> 00:01:33,030
Australia but I was in the courtroom

30
00:01:41,660 --> 00:01:37,740
when a psychic appeared in the witness

31
00:01:44,330 --> 00:01:41,670
box my report on this bizarre situation

32
00:01:46,310 --> 00:01:44,340
coming up at the top of the show coming

33
00:01:48,859 --> 00:01:46,320
up after that it's a new segment with a

34
00:01:51,609 --> 00:01:48,869
new reporter Michelle Bica smart from

35
00:01:54,020 --> 00:01:51,619
The Vic skeptics with her segment

36
00:01:56,749 --> 00:01:54,030
logical fallacies this will be a

37
00:01:59,030 --> 00:01:56,759
continuing series of segments about

38
00:02:02,330 --> 00:01:59,040

logical fallacies each week looking at a

39

00:02:05,090 --> 00:02:02,340

different one today it's ad hominem and

40

00:02:07,399 --> 00:02:05,100

we welcome Michelle because ma2 the

41

00:02:08,810 --> 00:02:07,409

skeptic zone oh I wonder if you know

42

00:02:12,590 --> 00:02:08,820

what you've gotten yourself in for

43

00:02:15,020 --> 00:02:12,600

Michelle following that can you beat

44

00:02:18,410 --> 00:02:15,030

cancer in every disease and naturally

45

00:02:21,729 --> 00:02:18,420

well somehow we are very skeptical but

46

00:02:24,500 --> 00:02:21,739

this comes about from a random sign

47

00:02:28,039 --> 00:02:24,510

stapled to a telegraph pole here in

48

00:02:29,960 --> 00:02:28,049

Sydney and it's a matter of keeping your

49

00:02:31,880 --> 00:02:29,970

eyes open when you're out and about you

50

00:02:32,990 --> 00:02:31,890

never know when you're going to come

51
00:02:35,420 --> 00:02:33,000
across

52
00:02:38,480 --> 00:02:35,430
a little bit of whoo then the round off

53
00:02:42,260 --> 00:02:38,490
the show Maynard's spooky action more

54
00:02:44,720 --> 00:02:42,270
interviews from skeptic on 2019 so many

55
00:02:48,080 --> 00:02:44,730
interviews from skeptic on 2019 maenad

56
00:02:49,820 --> 00:02:48,090
was just amazing maenad was just amazing

57
00:02:51,230 --> 00:02:49,830
that almost rhymes with his microphone

58
00:02:53,390 --> 00:02:51,240
running around getting lots of

59
00:02:55,400 --> 00:02:53,400
interviews this week he chats to

60
00:02:58,820 --> 00:02:55,410
journalists Carolyn szalinski

61
00:03:01,310 --> 00:02:58,830
Liam Mannix and our very own Tim Mendham

62
00:03:02,780 --> 00:03:01,320
and speaking of our very own Tim Mendham

63
00:03:04,970 --> 00:03:02,790

one of the reporters here on the sceptic

64

00:03:07,490 --> 00:03:04,980

zone who normally does the book of Tim

65

00:03:11,090 --> 00:03:07,500

which is a very entertaining and

66

00:03:13,370 --> 00:03:11,100

informative segment tim has been under

67

00:03:14,470 --> 00:03:13,380

the weather not the rain but a little

68

00:03:17,479 --> 00:03:14,480

bit under the weather lately

69

00:03:20,000 --> 00:03:17,489

get well soon Tim we want you back on

70

00:03:21,890 --> 00:03:20,010

the show with more of the book of Tim

71

00:03:24,860 --> 00:03:21,900

stay tuned at the end of the show for

72

00:03:27,440 --> 00:03:24,870

more announcements from me but now it's

73

00:03:29,150 --> 00:03:27,450

time for me to run downstairs and maybe

74

00:03:30,610 --> 00:03:29,160

have something I used to enjoy when I

75

00:03:33,199 --> 00:03:30,620

was a kid

76

00:03:34,729 --> 00:03:33,209

spaghetti on toast is that an

77

00:03:38,360 --> 00:03:34,739

international thing or is that just

78

00:03:40,550 --> 00:03:38,370

Australian I don't know spaghetti on

79

00:03:42,050 --> 00:03:40,560

toast while I do that I hope you enjoy

80

00:03:49,610 --> 00:03:42,060

this gift exam

81

00:04:00,550 --> 00:03:49,620

[Music]

82

00:04:07,100 --> 00:04:03,680

in the past week Sydney has seen the

83

00:04:09,740 --> 00:04:07,110

committal trial of Christopher Dawson

84

00:04:12,680 --> 00:04:09,750

now for a bit of background Christopher

85

00:04:15,410 --> 00:04:12,690

Dawson was charged with murder in late

86

00:04:19,030 --> 00:04:15,420

2018 the murder of his wife Lynette

87

00:04:22,520 --> 00:04:19,040

Dawson way back in 1982

88

00:04:26,540 --> 00:04:22,530

Lynette Dawson disappeared that year and

89

00:04:29,660 --> 00:04:26,550

the police have gathered enough evidence

90

00:04:32,510 --> 00:04:29,670

to give them reason to charge Chris

91

00:04:35,150 --> 00:04:32,520

Dawson with her murder after all these

92

00:04:38,510 --> 00:04:35,160

years this case was the subject of a

93

00:04:42,290 --> 00:04:38,520

very popular crime podcast called the

94

00:04:46,250 --> 00:04:42,300

teacher's pet this is a many-faceted

95

00:04:48,200 --> 00:04:46,260

case and from a skeptical point of view

96

00:04:52,420 --> 00:04:48,210

one of the most bizarre facets of this

97

00:04:55,370 --> 00:04:52,430

case was the fact that way back in 2003

98

00:04:59,930 --> 00:04:55,380

somebody claiming to have psychic powers

99

00:05:02,830 --> 00:04:59,940

was used one might say as part of the

100

00:05:09,590 --> 00:05:06,640

Debbie Malone is a psychic medium who

101
00:05:11,620 --> 00:05:09,600
believes she can contact dead people and

102
00:05:16,370 --> 00:05:11,630
get messages that helps with police

103
00:05:18,370 --> 00:05:16,380
investigations now I know Debby Malone I

104
00:05:22,940 --> 00:05:18,380
worked with her on the TV show the one

105
00:05:25,780 --> 00:05:22,950
almost 10 years ago and since then I've

106
00:05:28,880 --> 00:05:25,790
been investigating and studying the

107
00:05:31,670 --> 00:05:28,890
cases that she says she's worked on with

108
00:05:33,830 --> 00:05:31,680
police and so on I am preparing a

109
00:05:38,300 --> 00:05:33,840
lengthy report for publication

110
00:05:40,790 --> 00:05:38,310
at a later date probably not until at

111
00:05:42,999 --> 00:05:40,800
least 2021

112
00:05:45,770 --> 00:05:43,009
part of the reason for that is that

113
00:05:50,200 --> 00:05:45,780

Debbie Malone was used in the committal

114

00:05:54,110 --> 00:05:50,210

hearing as a witness and conceivably

115

00:05:56,320 --> 00:05:54,120

conceivably could be used in the murder

116

00:06:03,430 --> 00:05:56,330

trial coming up later this year

117

00:06:06,170 --> 00:06:03,440

as a result I have no wish to even

118

00:06:09,619 --> 00:06:06,180

possibly influence any future

119

00:06:11,540 --> 00:06:09,629

proceedings against anybody and there

120

00:06:13,909 --> 00:06:11,550

are very strict laws in Australia about

121

00:06:19,279 --> 00:06:13,919

what you can say about matters before

122

00:06:22,760 --> 00:06:19,289

the court nevertheless what I can do is

123

00:06:24,619 --> 00:06:22,770

report on the factual events of the

124

00:06:27,950 --> 00:06:24,629

morning I'd attended the committal

125

00:06:31,580 --> 00:06:27,960

hearing to hear the testimony from

126

00:06:33,230 --> 00:06:31,590

witness box by Debbie Malone in fact

127

00:06:35,930 --> 00:06:33,240

this will make part of an article I'm

128

00:06:37,430 --> 00:06:35,940

working on for the next issue of the

129

00:06:41,689 --> 00:06:37,440

skeptic the journal from Australian

130

00:06:44,089 --> 00:06:41,699

skeptics what I can also do is quote

131

00:06:46,879 --> 00:06:44,099

from other reports of other reporters

132

00:06:50,959 --> 00:06:46,889

who were there in the court at the time

133

00:06:58,669 --> 00:06:54,229

so we visit the website of ABC News here

134

00:07:00,889 --> 00:06:58,679

in Australia a story published on the

135

00:07:03,039 --> 00:07:00,899

12th of February which was the day

136

00:07:07,459 --> 00:07:03,049

Debbie Malone was in the witness box and

137

00:07:10,909 --> 00:07:07,469

this is by Jamie McKinnell psychic tells

138

00:07:16,999 --> 00:07:10,919

murder hearing she knows where Lynette

139

00:07:19,879 --> 00:07:17,009

Dawson is buried psychic medium believes

140

00:07:22,399 --> 00:07:19,889

she knew where Lynette Dawson's body was

141

00:07:24,529 --> 00:07:22,409

buried after visiting her home on

142

00:07:27,649 --> 00:07:24,539

Sydney's Northern Beaches two decades

143

00:07:30,679 --> 00:07:27,659

after she vanished a court has heard key

144

00:07:33,409 --> 00:07:30,689

points psychic Debby Malone contacted

145

00:07:35,719 --> 00:07:33,419

police in 2013 to offer assistance in

146

00:07:39,799 --> 00:07:35,729

solving the Dawson case and I will

147

00:07:42,589 --> 00:07:39,809

correct that and it was actually 2003

148

00:07:44,869 --> 00:07:42,599

not 2013 nevertheless she believes

149

00:07:46,959 --> 00:07:44,879

Lynette Dawson is buried at or near her

150

00:07:49,309 --> 00:07:46,969

former home on Sydney's Northern Beaches

151
00:07:50,929 --> 00:07:49,319
Lynette's former husband Chris Dawson

152
00:07:53,629 --> 00:07:50,939
has been charged with her murder

153
00:07:56,540 --> 00:07:53,639
ms Dawson's former husband 71 year old

154
00:07:58,939 --> 00:07:56,550
Chris Dawson has pleaded not guilty to

155
00:08:02,749 --> 00:07:58,949
her murder the mother of two disappeared

156
00:08:05,959 --> 00:08:02,759
in 1982 aged 33 and mr. Dawson reported

157
00:08:09,109 --> 00:08:05,969
her missing around six weeks later Ms

158
00:08:11,479 --> 00:08:09,119
Malone said she felt the spirit of miss

159
00:08:14,209 --> 00:08:11,489
Dawson around her after seeing the

160
00:08:17,479 --> 00:08:14,219
episode and that's referring to the TV

161
00:08:20,329 --> 00:08:17,489
show Australian story also on the ABC

162
00:08:23,569 --> 00:08:20,339
which broadcast an episode about this

163
00:08:26,359 --> 00:08:23,579

case and assumed she was dead later

164

00:08:29,539 --> 00:08:26,369

contacting the police via the ABC to

165

00:08:32,149 --> 00:08:29,549

offer assistance Ms Malone met miss

166

00:08:35,059 --> 00:08:32,159

Dawson siblings Greg Sims and Pat

167

00:08:37,089 --> 00:08:35,069

Jenkins and went to miss Jenkins home

168

00:08:41,149 --> 00:08:37,099

with New South Wales police detective

169

00:08:44,420 --> 00:08:41,159

Damien Luna she told the court she uses

170

00:08:47,119 --> 00:08:44,430

a watch and bracelet of mr. Dawson's to

171

00:08:49,519 --> 00:08:47,129

tune in to her spirit through

172

00:08:53,299 --> 00:08:49,529

psychometry the act of using an object

173

00:08:54,259 --> 00:08:53,309

in an attempt to contact the energy of

174

00:08:56,960 --> 00:08:54,269

its owner

175

00:09:00,019 --> 00:08:56,970

I have clairvoyance I can hear her speak

176
00:09:01,819 --> 00:09:00,029
to me ms Malone told the court when I

177
00:09:03,860 --> 00:09:01,829
tuned into an item or a photograph

178
00:09:04,720 --> 00:09:03,870
it's like watching television I see

179
00:09:07,300 --> 00:09:04,730
snippets of her

180
00:09:10,269 --> 00:09:07,310
life miss Malone who at times spoke in

181
00:09:12,400 --> 00:09:10,279
the first person as miss Dawson in the

182
00:09:14,439 --> 00:09:12,410
meeting with detective lune said she

183
00:09:17,560 --> 00:09:14,449
believed miss Dawson was buried on or

184
00:09:20,560 --> 00:09:17,570
near her former Bayview home miss Dawson

185
00:09:22,689 --> 00:09:20,570
said detective loon was skeptical but

186
00:09:24,939 --> 00:09:22,699
had an open mind you know there's a lot

187
00:09:28,090 --> 00:09:24,949
of skepticism about your apparent powers

188
00:09:30,879 --> 00:09:28,100

mr. Dawson's barrister Phillip Dalton SC

189

00:09:34,000 --> 00:09:30,889

told today's hearing of course there is

190

00:09:35,800 --> 00:09:34,010

miss Malone replied in the next six

191

00:09:38,050 --> 00:09:35,810

months she visited the property to

192

00:09:41,319 --> 00:09:38,060

compare what she had seen during the

193

00:09:44,530 --> 00:09:41,329

reading with the location I felt she was

194

00:09:46,930 --> 00:09:44,540

located near or in an area close to the

195

00:09:49,689 --> 00:09:46,940

big rock at the back of the house near

196

00:09:53,710 --> 00:09:49,699

the fire trail it was somewhere in that

197

00:09:55,750 --> 00:09:53,720

vicinity Ms Malone said Miss Malone said

198

00:09:57,670 --> 00:09:55,760

she was not provided with information

199

00:10:00,100 --> 00:09:57,680

about the case and had no interest in

200

00:10:02,800 --> 00:10:00,110

pursuing monetary rewards offered by the

201
00:10:05,620 --> 00:10:02,810
police and the story goes on with other

202
00:10:08,800 --> 00:10:05,630
details about other witnesses on the day

203
00:10:12,040 --> 00:10:08,810
so to set the scene it was a reasonably

204
00:10:13,269 --> 00:10:12,050
small courtroom with the magistrate at

205
00:10:16,809 --> 00:10:13,279
the front and a few other court

206
00:10:19,689 --> 00:10:16,819
officials the area set aside for the

207
00:10:23,319 --> 00:10:19,699
public was not huge maybe enough room

208
00:10:26,410 --> 00:10:23,329
for 45 people ultimately being the sort

209
00:10:28,269 --> 00:10:26,420
of skeptic I am I gave up my seat twice

210
00:10:31,949 --> 00:10:28,279
and had to stand at the back of the

211
00:10:35,350 --> 00:10:31,959
court so be it which meant I had to

212
00:10:37,059 --> 00:10:35,360
handwrite notes very quickly for the

213
00:10:40,480 --> 00:10:37,069

hour Debbie Malone was in the witness

214

00:10:43,300 --> 00:10:40,490

box rather than typed them on my and my

215

00:10:45,370 --> 00:10:43,310

iPad on my lap so I can report on a few

216

00:10:47,860 --> 00:10:45,380

other interesting exchanges in court

217

00:10:51,540 --> 00:10:47,870

when the counsel for the defense asked

218

00:10:54,939 --> 00:10:51,550

Debbie Malone if she had any training

219

00:10:58,120 --> 00:10:54,949

Malone said no and then she was asked if

220

00:11:01,300 --> 00:10:58,130

anybody had taught her and Debbie Malone

221

00:11:04,720 --> 00:11:01,310

said she learnt things from a learning

222

00:11:07,240 --> 00:11:04,730

circle at kymia kymia being a little

223

00:11:10,300 --> 00:11:07,250

town in New South Wales questioned if

224

00:11:13,179 --> 00:11:10,310

she used any text books in her line of

225

00:11:15,550 --> 00:11:13,189

work that were peer-reviewed Debbie

226

00:11:17,860 --> 00:11:15,560

Malone mentioned the psychical Research

227

00:11:19,600 --> 00:11:17,870

Society of England

228

00:11:22,540 --> 00:11:19,610

other interesting points debbie malone

229

00:11:26,410 --> 00:11:22,550

says she sometimes undergoes hypnosis in

230

00:11:29,050 --> 00:11:26,420

order to aid her communications and she

231

00:11:30,880 --> 00:11:29,060

was confident she knew where or at least

232

00:11:34,870 --> 00:11:30,890

the vicinity well and it was buried

233

00:11:37,630 --> 00:11:34,880

including details such as the position

234

00:11:39,910 --> 00:11:37,640

of the body in the ground in other words

235

00:11:41,800 --> 00:11:39,920

at what angle Lynette Dawson was buried

236

00:11:44,200 --> 00:11:41,810

then the council made an interesting

237

00:11:47,769 --> 00:11:44,210

comment putting it to her

238

00:11:52,150 --> 00:11:47,779

are you fair dinkum which is Australian

239

00:11:54,940 --> 00:11:52,160

slang meaning are you for real are you

240

00:11:58,240 --> 00:11:54,950

genuine do you believe in yourself that

241

00:12:00,280 --> 00:11:58,250

sort of idea in later questioning Debbie

242

00:12:04,720 --> 00:12:00,290

Malone said that psychic information is

243

00:12:07,120 --> 00:12:04,730

never 100 percent it's more like 75 to

244

00:12:10,570 --> 00:12:07,130

80 percent but then the counsel for the

245

00:12:13,840 --> 00:12:10,580

defense reminded her that she claims

246

00:12:16,510 --> 00:12:13,850

with 100% certainty that Lynette is dead

247

00:12:18,310 --> 00:12:16,520

and she knows where she's buried there

248

00:12:20,650 --> 00:12:18,320

were of course many more questions put

249

00:12:22,900 --> 00:12:20,660

to Debbie Malone over the hour in court

250

00:12:24,820 --> 00:12:22,910

but the questioning ended with the topic

251
00:12:26,410 --> 00:12:24,830
of the podcast the teacher's pet

252
00:12:31,120 --> 00:12:26,420
although that wasn't mentioned by name

253
00:12:35,890 --> 00:12:31,130
and Debbie Malone indicated that she was

254
00:12:39,220 --> 00:12:35,900
not happy that the audio from her police

255
00:12:42,610 --> 00:12:39,230
interview way back in 2003 and this

256
00:12:45,550 --> 00:12:42,620
police interview was by way of a psychic

257
00:12:47,380 --> 00:12:45,560
reading or a connection with Lynette

258
00:12:49,300 --> 00:12:47,390
Doss and part of that audio was

259
00:12:53,780 --> 00:12:49,310
eventually used in the podcast

260
00:12:56,160 --> 00:12:53,790
[Music]

261
00:12:58,889 --> 00:12:56,170
you will be able to read more what

262
00:13:00,600 --> 00:12:58,899
transpired in court in the next issue of

263
00:13:03,449 --> 00:13:00,610

the skeptic the journal from Australian

264

00:13:05,730 --> 00:13:03,459

skeptics you can subscribe now and that

265

00:13:09,090 --> 00:13:05,740

will arrive in your inbox in your email

266

00:13:11,759 --> 00:13:09,100

there's a PDF or physically in your real

267

00:13:13,439 --> 00:13:11,769

letterbox and I think you can understand

268

00:13:15,569 --> 00:13:13,449

my restraint and relaying this matter to

269

00:13:17,220 --> 00:13:15,579

you and I will be restrained in my

270

00:13:21,239 --> 00:13:17,230

report for the skeptic too of course

271

00:13:24,660 --> 00:13:21,249

simply on the grounds that we must be

272

00:13:27,540 --> 00:13:24,670

very careful very careful not to write

273

00:13:30,569 --> 00:13:27,550

or publish anything that could influence

274

00:13:33,720 --> 00:13:30,579

the future criminal proceedings

275

00:13:38,009 --> 00:13:33,730

once this matter has been resolved then

276

00:13:41,340 --> 00:13:38,019

I'll be more at liberty to write further

277

00:13:45,749 --> 00:13:41,350

on Debby Malone's psychic claims and

278

00:13:47,549 --> 00:13:45,759

some of my investigations but from a

279

00:13:50,100 --> 00:13:47,559

personal point of view what I can say is

280

00:13:55,259 --> 00:13:50,110

I was I don't know if I could say I was

281

00:13:57,780 --> 00:13:55,269

pleased I was glad I'd have to think

282

00:14:00,509 --> 00:13:57,790

about that what I can say that I was in

283

00:14:03,059 --> 00:14:00,519

court the day somebody claiming psychic

284

00:14:08,910 --> 00:14:03,069

powers was questioned in the witness box

285

00:14:13,340 --> 00:14:08,920

I will link to the ABC report in this

286

00:14:13,350 --> 00:14:24,130

[Music]

287

00:14:30,830 --> 00:14:27,710

hi there I'm a VG's and I host the

288

00:14:34,730 --> 00:14:30,840

rational podcast on PI rational calm

289

00:14:36,380 --> 00:14:34,740

what does rational mean after all simply

290

00:14:38,480 --> 00:14:36,390

that we need to be rational and

291

00:14:40,820 --> 00:14:38,490

reasonable in our beliefs and

292

00:14:43,750 --> 00:14:40,830

conversations we don't want to be trolls

293

00:14:46,460 --> 00:14:43,760

now do we plenty of them around anyway

294

00:14:48,530 --> 00:14:46,470

every couple of weeks I science the hell

295

00:14:50,990 --> 00:14:48,540

out of alternative medicines health and

296

00:14:54,860 --> 00:14:51,000

nutrition fads social media for words

297

00:14:56,690 --> 00:14:54,870

science news and lots more I wasn't

298

00:14:59,960 --> 00:14:56,700

always a skeptic and I'm definitely not

299

00:15:02,390 --> 00:14:59,970

a scientist so I use my lemons and my

300

00:15:03,830 --> 00:15:02,400

experiences to show how I've gotten

301

00:15:06,020 --> 00:15:03,840

better at using critical thinking

302

00:15:08,990 --> 00:15:06,030

techniques to figure out the real from

303

00:15:10,910 --> 00:15:09,000

the fake and that you can do we all need

304

00:15:14,270 --> 00:15:10,920

to be better skeptics in this crazy

305

00:15:16,400 --> 00:15:14,280

world so join me Abhijeet on the

306

00:15:19,850 --> 00:15:16,410

rational podcast which is available on

307

00:15:22,250 --> 00:15:19,860

iTunes stitcher Google and pretty much

308

00:15:24,530 --> 00:15:22,260

any pod catcher you prefer you can also

309

00:15:26,990 --> 00:15:24,540

follow me on twitter and instagram at be

310

00:15:29,750 --> 00:15:27,000

rational or like my Facebook page at

311

00:15:32,720 --> 00:15:29,760

fashionable on Facebook you can also

312

00:15:35,420 --> 00:15:32,730

join rational conversations a group

313

00:15:37,070 --> 00:15:35,430

where we test our biases evil logical

314

00:15:39,650 --> 00:15:37,080

fallacies at the door and have

315

00:15:42,920 --> 00:15:39,660

conversations about science skepticism

316

00:15:45,320 --> 00:15:42,930

and our beliefs of course you can find

317

00:15:54,790 --> 00:15:45,330

all of my articles podcast episodes and

318

00:16:19,620 --> 00:16:17,680

[Music]

319

00:16:22,390 --> 00:16:19,630

logical fallacies

320

00:16:25,550 --> 00:16:22,400

[Music]

321

00:16:27,620 --> 00:16:25,560

what are the logical fallacies and why

322

00:16:29,960 --> 00:16:27,630

is it important that critical thinkers

323

00:16:32,809 --> 00:16:29,970

should know about them

324

00:16:35,689 --> 00:16:32,819

a logical fallacy is an error we can

325

00:16:37,939 --> 00:16:35,699

make in reasoning but it usually crops

326

00:16:41,660 --> 00:16:37,949

up when we are discussing or arguing our

327

00:16:44,119 --> 00:16:41,670

point of view some people might even

328

00:16:45,800 --> 00:16:44,129

knowingly use them to try and score

329

00:16:49,699 --> 00:16:45,810

cheap points in an argument

330

00:16:52,280 --> 00:16:49,709

due to intellectual laziness they are

331

00:16:54,559 --> 00:16:52,290

traps we can fall into but if we know

332

00:16:56,809 --> 00:16:54,569

what to look out for we can spot them

333

00:17:02,059 --> 00:16:56,819

when they occur and stop ourselves from

334

00:17:07,370 --> 00:17:02,069

using them this week we'll look at ad

335

00:17:11,299 --> 00:17:07,380

hominem the ad hominem fallacy also

336

00:17:13,460 --> 00:17:11,309

known as an ad hominem attack is when

337

00:17:16,159 --> 00:17:13,470

you make negative points or comments

338

00:17:19,010 --> 00:17:16,169

about aspects of your opponent sometimes

339

00:17:22,730 --> 00:17:19,020

personal instead of attacking their

340

00:17:25,059 --> 00:17:22,740

point of view or their argument the term

341

00:17:29,299 --> 00:17:25,069

ad hominem comes from Latin and

342

00:17:31,940 --> 00:17:29,309

translates as against the man you might

343

00:17:36,049 --> 00:17:31,950

also have heard the expression to play

344

00:17:38,539 --> 00:17:36,059

the man and not the ball so instead of

345

00:17:41,090 --> 00:17:38,549

making our argument by looking at and

346

00:17:43,730 --> 00:17:41,100

tackling the points made by our opponent

347

00:17:47,200 --> 00:17:43,740

we might attack something about them

348

00:17:50,090 --> 00:17:47,210

that we and maybe others don't like or

349

00:17:53,000 --> 00:17:50,100

try to paint them in a bad light in the

350

00:17:55,640 --> 00:17:53,010

hope of scoring points you didn't even

351

00:17:58,580 --> 00:17:55,650

attend a university or have any degrees

352

00:18:01,970 --> 00:17:58,590

at all you are in no position to lecture

353

00:18:04,820 --> 00:18:01,980

me on this topic if your opponent's

354

00:18:07,070 --> 00:18:04,830

argument is based on good grounds it

355

00:18:10,909 --> 00:18:07,080

really doesn't matter if they went to a

356

00:18:14,360 --> 00:18:10,919

university or not if a person with only

357

00:18:17,419 --> 00:18:14,370

a rudimentary education says the world

358

00:18:21,830 --> 00:18:17,429

is round and the sky is blue they're

359

00:18:24,350 --> 00:18:21,840

still right but be careful a lack of

360

00:18:27,409 --> 00:18:24,360

education in a particular topic can

361

00:18:29,930 --> 00:18:27,419

weaken your opponent's argument and your

362

00:18:33,560 --> 00:18:29,940

argument too if you don't have expertise

363

00:18:35,600 --> 00:18:33,570

I don't think a person from your

364

00:18:37,820 --> 00:18:35,610

background can really comment on these

365

00:18:41,419 --> 00:18:37,830

matters what would you know you weren't

366

00:18:43,880 --> 00:18:41,429

even born here where someone comes from

367

00:18:45,980 --> 00:18:43,890

or other aspects of their life and

368

00:18:49,030 --> 00:18:45,990

bringing does not mean their point of

369

00:18:52,550 --> 00:18:49,040

view is therefore automatically wrong

370

00:18:54,800 --> 00:18:52,560

listen to the argument itself and don't

371

00:18:57,560 --> 00:18:54,810

let other aspects of the person making

372

00:19:01,940 --> 00:18:57,570

that argument sway you one way or

373

00:19:04,010 --> 00:19:01,950

another you also support the government

374

00:19:06,760 --> 00:19:04,020

or the President or the Prime Minister

375

00:19:09,410 --> 00:19:06,770

so of course you would say that

376

00:19:11,450 --> 00:19:09,420

someone's point of view may well be

377

00:19:14,960 --> 00:19:11,460

colored by what political party they

378

00:19:17,450 --> 00:19:14,970

support but again that does not mean

379

00:19:22,940 --> 00:19:17,460

their arguments are automatically wrong

380

00:19:25,900 --> 00:19:22,950

or automatically right watch out for the

381

00:19:28,900 --> 00:19:25,910

ad hominem attack if somebody attacks

382

00:19:31,460 --> 00:19:28,910

aspects of you and not your arguments

383

00:19:35,000 --> 00:19:31,470

tell them to stick to the question at

384

00:19:37,340 --> 00:19:35,010

hand if you find yourself attacking

385

00:19:40,760 --> 00:19:37,350

something about your opponent you don't

386

00:19:43,550 --> 00:19:40,770

like it might be time to stop and wonder

387

00:19:47,650 --> 00:19:43,560

if your own arguments are on shaky

388

00:19:52,720 --> 00:19:50,010

[Music]

389

00:19:55,180 --> 00:19:52,730

knowing a logical fallacy when you hear

390

00:19:57,549 --> 00:19:55,190

one and even knowing its name is

391

00:20:01,240 --> 00:19:57,559

important when arguing your point of

392

00:20:04,060 --> 00:20:01,250

view however you may come across as

393

00:20:06,640 --> 00:20:04,070

arrogant and not get very far if you

394

00:20:10,390 --> 00:20:06,650

call it out by name to your opponent

395

00:20:12,700 --> 00:20:10,400

when you hear it being used if your

396

00:20:15,520 --> 00:20:12,710

opponent calls you out for using one

397

00:20:19,120 --> 00:20:15,530

it's time to stop and think about how

398

00:20:21,430 --> 00:20:19,130

you are making your case use your

399

00:20:24,730 --> 00:20:21,440

knowledge of logical fallacies wisely

400

00:20:27,010 --> 00:20:24,740

and remember that even if your point of

401
00:20:30,250 --> 00:20:27,020
view is right and you know all the

402
00:20:33,549 --> 00:20:30,260
pitfalls in arguing your case it doesn't

403
00:20:36,940 --> 00:20:33,559
always mean you'll win on the day and a

404
00:20:41,970 --> 00:20:36,950
skeptics we must also remember that we

405
00:20:45,399 --> 00:20:41,980
too can be wrong at times I'm sure

406
00:20:54,100 --> 00:20:45,409
because Mar from the VEX skeptics thanks

407
00:20:59,620 --> 00:20:56,700
[Music]

408
00:21:03,340 --> 00:20:59,630
the Australian sceptic Singh newsletter

409
00:21:04,870 --> 00:21:03,350
number 91 is now available now to keep

410
00:21:09,310 --> 00:21:04,880
up with the news from Australian

411
00:21:11,769 --> 00:21:09,320
skeptics gerotor WWC upticks calm day

412
00:21:14,769 --> 00:21:11,779
you scroll to the bottom of the page and

413
00:21:16,600 --> 00:21:14,779

sign up for the newsletter and the

414

00:21:18,899 --> 00:21:16,610

latest newsletter brings us information

415

00:21:22,870 --> 00:21:18,909

interesting information about

416

00:21:25,509 --> 00:21:22,880

coronavirus lies debunked news on

417

00:21:28,539 --> 00:21:25,519

homeopathy in the UK the legal challenge

418

00:21:31,480 --> 00:21:28,549

brought by the good thinking society for

419

00:21:34,750 --> 00:21:31,490

in 10 americans believe old med can cure

420

00:21:38,919 --> 00:21:34,760

cancer it's a disturbing story new

421

00:21:40,240 --> 00:21:38,929

jersey cops admit to using psychics now

422

00:21:43,600 --> 00:21:40,250

that's around the news at the moment

423

00:21:48,100 --> 00:21:43,610

isn't it churches trust reveal true cost

424

00:21:50,980 --> 00:21:48,110

of ghost hunters what churches and

425

00:21:53,460 --> 00:21:50,990

graveyards damaged but not so much by

426

00:21:57,370 --> 00:21:53,470

ghost hunters who are normally a pretty

427

00:21:59,529 --> 00:21:57,380

mild-mannered bunch but by those who

428

00:22:01,600 --> 00:21:59,539

listen to ghost hunters assertions of

429

00:22:04,210 --> 00:22:01,610

hauntings which encourage everybody from

430

00:22:05,710 --> 00:22:04,220

goons to Satanists to visit the sites

431

00:22:08,440 --> 00:22:05,720

good grief

432

00:22:09,759 --> 00:22:08,450

Canberra skeptics committee places

433

00:22:11,850 --> 00:22:09,769

Canberra skeptics are seeking people

434

00:22:14,320 --> 00:22:11,860

willing to serve on their committee

435

00:22:16,019 --> 00:22:14,330

academics fight back against junk

436

00:22:18,669 --> 00:22:16,029

science health scams

437

00:22:20,440 --> 00:22:18,679

Jonathan Jerry are now we interviewed

438

00:22:23,080 --> 00:22:20,450

Jonathan a few months back on the

439

00:22:25,240 --> 00:22:23,090

sceptic zone about ear candling besides

440

00:22:28,480 --> 00:22:25,250

communicate at McGill University offers

441

00:22:30,820 --> 00:22:28,490

for science in society has created a

442

00:22:32,379 --> 00:22:30,830

sting video designed to lure believers

443

00:22:34,629 --> 00:22:32,389

interviewing what turns out to be an

444

00:22:37,470 --> 00:22:34,639

instruction on how to use critical

445

00:22:40,180 --> 00:22:37,480

thinking in social media okay

446

00:22:42,820 --> 00:22:40,190

decades-long rivalry of London's two

447

00:22:45,399 --> 00:22:42,830

vampire hunters right

448

00:22:47,320 --> 00:22:45,409

our fortune-telling took hold in

449

00:22:50,120 --> 00:22:47,330

Australia

450

00:22:53,000 --> 00:22:50,130

quite a lot of interesting topics in the

451
00:22:54,620 --> 00:22:53,010
latest newsletter from Australian

452
00:22:59,090 --> 00:22:54,630
skeptics and that can come straight to

453
00:23:00,080 --> 00:22:59,100
your inbox if you visit WWF Descamps a

454
00:23:15,200 --> 00:23:00,090
you

455
00:23:18,990 --> 00:23:15,210
[Music]

456
00:23:23,700 --> 00:23:19,000
and now a case of well keeping your eyes

457
00:23:24,540 --> 00:23:23,710
open now I try to keep healthy and I do

458
00:23:27,420 --> 00:23:24,550
what I can

459
00:23:29,820 --> 00:23:27,430
long walks trips to the gym that sort of

460
00:23:31,500 --> 00:23:29,830
thing and last week I was taking a

461
00:23:33,870 --> 00:23:31,510
lengthy walk through the suburbs of

462
00:23:38,120 --> 00:23:33,880
Sydney as I went through the suburb of

463
00:23:42,780 --> 00:23:38,130

Petersham in the you know West a sign on

464

00:23:45,210 --> 00:23:42,790

an a4 sheet of paper printed stuck to a

465

00:23:49,130 --> 00:23:45,220

telegraph pole caught my eye and this

466

00:23:51,800 --> 00:23:49,140

sign was laminated it read as follows

467

00:23:55,040 --> 00:23:51,810

[Music]

468

00:23:57,660 --> 00:23:55,050

sick and tired of being sick and tired

469

00:23:59,910 --> 00:23:57,670

if you are one of the millions of

470

00:24:02,100 --> 00:23:59,920

Aussies who suffer from a disease whose

471

00:24:04,260 --> 00:24:02,110

life has been turned upside down due to

472

00:24:07,650 --> 00:24:04,270

an illness whether you or someone you

473

00:24:09,120 --> 00:24:07,660

love has been affected it doesn't quite

474

00:24:12,060 --> 00:24:09,130

make sense there's a sentence but you

475

00:24:14,610 --> 00:24:12,070

get the idea the next sentence says the

476
00:24:17,910 --> 00:24:14,620
truth about beating cancer and disease

477
00:24:20,460 --> 00:24:17,920
naturally is a must read book for anyone

478
00:24:23,070 --> 00:24:20,470
who is seeking the secrets in getting

479
00:24:26,550 --> 00:24:23,080
back control of your health body and

480
00:24:29,910 --> 00:24:26,560
life discover the five simple steps to

481
00:24:33,090 --> 00:24:29,920
start taking today in order to not only

482
00:24:35,250 --> 00:24:33,100
reverse any disease but will allow you

483
00:24:38,790 --> 00:24:35,260
to take back control of your own health

484
00:24:41,340 --> 00:24:38,800
and those that you love once again the

485
00:24:44,640 --> 00:24:41,350
e/m the sentence structure here is not

486
00:24:48,320 --> 00:24:44,650
fabulous however learn the natural

487
00:24:52,080 --> 00:24:48,330
secrets to actually losing weight 100%

488
00:24:55,200 --> 00:24:52,090

the truth of how and why you have been

489

00:24:57,690 --> 00:24:55,210

getting sick why you need to start

490

00:25:02,250 --> 00:24:57,700

working with your body and not against

491

00:25:05,970 --> 00:25:02,260

it and much more available in Kindle and

492

00:25:09,600 --> 00:25:05,980

paperback on Amazon by your very own

493

00:25:13,620 --> 00:25:09,610

copy of beating cancer and disease

494

00:25:16,470 --> 00:25:13,630

naturally today and there's a little

495

00:25:18,460 --> 00:25:16,480

tiny picture of the cover of the book

496

00:25:22,240 --> 00:25:18,470

right at the bottom of the page be

497

00:25:24,130 --> 00:25:22,250

getting cancer and disease naturally and

498

00:25:27,730 --> 00:25:24,140

I can just make out the author is one

499

00:25:30,580 --> 00:25:27,740

Larry green you won't be surprised that

500

00:25:32,830 --> 00:25:30,590

I ripped this sign off the telegraph

501
00:25:35,110 --> 00:25:32,840
pole took a photograph of it beforehand

502
00:25:38,649 --> 00:25:35,120
ripped it off the telegraph pole and put

503
00:25:41,740 --> 00:25:38,659
it in the nearest trash bin but it had

504
00:25:43,690 --> 00:25:41,750
me intrigued so later on I ran to the

505
00:25:47,340 --> 00:25:43,700
Internet to Amazon and I looked up this

506
00:25:50,919 --> 00:25:47,350
book beating cancer and disease

507
00:25:53,520 --> 00:25:50,929
naturally a simple plan in getting and

508
00:25:55,960 --> 00:25:53,530
staying healthy by Larry green

509
00:25:58,149 --> 00:25:55,970
copyrighted material and of course

510
00:25:59,500 --> 00:25:58,159
Amazon gives you a little preview of the

511
00:26:01,690 --> 00:25:59,510
book so I can look at the first few

512
00:26:04,060 --> 00:26:01,700
pages beating cancer and disease

513
00:26:06,669 --> 00:26:04,070

naturally a simple plan in getting and

514

00:26:09,700 --> 00:26:06,679

staying healthy Larry green copyright

515

00:26:12,730 --> 00:26:09,710

2019 copyrighted works world health

516

00:26:14,820 --> 00:26:12,740

daily all rights reserved no part of

517

00:26:17,350 --> 00:26:14,830

this written book may be reproduced

518

00:26:19,620 --> 00:26:17,360

copyrighted or otherwise used without

519

00:26:23,260 --> 00:26:19,630

the express permission of the author

520

00:26:26,680 --> 00:26:23,270

apart from of course normal usage for

521

00:26:30,370 --> 00:26:26,690

review or criticism and it says on page

522

00:26:33,700 --> 00:26:30,380

three all unnecessarily and unwittingly

523

00:26:36,100 --> 00:26:33,710

to the current medical systems and those

524

00:26:39,399 --> 00:26:36,110

industries that thrive upon the

525

00:26:40,930 --> 00:26:39,409

individual being sick beating cancer and

526

00:26:43,630 --> 00:26:40,940

disease naturally was written after

527

00:26:46,060 --> 00:26:43,640

years of researching and successful

528

00:26:50,409 --> 00:26:46,070

application of fundamentals of health

529

00:26:52,600 --> 00:26:50,419

all in an effort to assist in turning

530

00:26:54,760 --> 00:26:52,610

the tides assisting the millions

531

00:26:56,440 --> 00:26:54,770

suffering a simple health solution to

532

00:26:59,529 --> 00:26:56,450

getting healthy and staying that way

533

00:27:02,950 --> 00:26:59,539

naturally Nobel Prize winning chemist

534

00:27:05,740 --> 00:27:02,960

Linus Pauling dedicated decades to this

535

00:27:08,110 --> 00:27:05,750

very same crusade and in fact won

536

00:27:12,340 --> 00:27:08,120

another Nobel Prize for Peace in the

537

00:27:14,680 --> 00:27:12,350

process it is only due to the giants

538

00:27:16,270 --> 00:27:14,690

such as Linus and others that this book

539

00:27:19,149 --> 00:27:16,280

was able to be written in the first

540

00:27:21,010 --> 00:27:19,159

place so a special dedication is offered

541

00:27:23,380 --> 00:27:21,020

to them all and then it goes on for the

542

00:27:25,720 --> 00:27:23,390

table of contents maybe it would be

543

00:27:29,250 --> 00:27:25,730

better to read the blurb accompanying

544

00:27:31,830 --> 00:27:29,260

the book at Amazon itself the teaser the

545

00:27:35,330 --> 00:27:31,840

the sales pitch as it were

546

00:27:38,100 --> 00:27:35,340

nobel-prize-winning dr. otto Varberg

547

00:27:40,620 --> 00:27:38,110

during his research of cancer and tumor

548

00:27:43,590 --> 00:27:40,630

cells came to a monumental clear-cut

549

00:27:46,130 --> 00:27:43,600

conclusion that cancer and all diseases

550

00:27:49,710 --> 00:27:46,140

arise from a low deficiency of oxygen

551
00:27:51,960 --> 00:27:49,720
mm-hmm which ultimately brings about an

552
00:27:55,260 --> 00:27:51,970
acidic environment perfect for any

553
00:27:57,269 --> 00:27:55,270
cancer or disease after losing several

554
00:27:58,529 --> 00:27:57,279
close friends to cancer early in life

555
00:28:00,630 --> 00:27:58,539
Larry

556
00:28:03,299 --> 00:28:00,640
soon found himself literally dying

557
00:28:05,720 --> 00:28:03,309
several years later recently married and

558
00:28:07,889 --> 00:28:05,730
about to become a father dire

559
00:28:10,440 --> 00:28:07,899
circumstances all serving as Larry's

560
00:28:13,350 --> 00:28:10,450
catalyst in search of natural health

561
00:28:15,570 --> 00:28:13,360
remedies since then not only is Larry

562
00:28:20,039 --> 00:28:15,580
living a healthy and happy life free

563
00:28:22,409 --> 00:28:20,049

from any disease for stop next sentence

564

00:28:25,049 --> 00:28:22,419

he has managed to stay that way for

565

00:28:27,539 --> 00:28:25,059

years now in beating cancer and disease

566

00:28:30,750 --> 00:28:27,549

naturally Larry is going to provide you

567

00:28:33,180 --> 00:28:30,760

with the bare bone secrets breaking down

568

00:28:36,510 --> 00:28:33,190

the five natural steps that anyone can

569

00:28:39,450 --> 00:28:36,520

take today in a simple and easy to

570

00:28:41,250 --> 00:28:39,460

follow plan helping you in restoring

571

00:28:44,909 --> 00:28:41,260

your health and keeping it that way from

572

00:28:48,450 --> 00:28:44,919

here on out using dr. VAR Berg's

573

00:28:50,490 --> 00:28:48,460

research as the fundamental idea it

574

00:28:52,919 --> 00:28:50,500

propelled Larry into years of trial and

575

00:28:54,899 --> 00:28:52,929

error only driven by any setbacks along

576

00:28:56,700 --> 00:28:54,909

the way the amazing fact

577

00:29:00,149 --> 00:28:56,710

Larry's body was healing itself

578

00:29:02,940 --> 00:29:00,159

naturally year-long pains started to

579

00:29:05,010 --> 00:29:02,950

disappear the chronic sinusitis cleared

580

00:29:08,639 --> 00:29:05,020

up a skin rash that had developed as a

581

00:29:11,070 --> 00:29:08,649

teenager on his right foot vanished the

582

00:29:14,399 --> 00:29:11,080

calcification buildup was the right

583

00:29:17,399 --> 00:29:14,409

wrist plaguing Larry for years seemed to

584

00:29:20,820 --> 00:29:17,409

melt away even a cataract started to

585

00:29:23,310 --> 00:29:20,830

shrink hmm it's amazing no longer a

586

00:29:27,480 --> 00:29:23,320

concern because eventually just like all

587

00:29:30,419 --> 00:29:27,490

other diseases it too would be healthy

588

00:29:32,880 --> 00:29:30,429

by the body naturally all diseases

589

00:29:35,130 --> 00:29:32,890

vanished away as Larry continued working

590

00:29:37,620 --> 00:29:35,140

with his body not against it after years

591

00:29:40,049 --> 00:29:37,630

of pain and discomfort growing up seeing

592

00:29:42,659 --> 00:29:40,059

one medical professional after another

593

00:29:46,140 --> 00:29:42,669

utter depression drove Larry to assume

594

00:29:47,700 --> 00:29:46,150

full responsibility for his health

595

00:29:49,860 --> 00:29:47,710

from having his tonsils removed

596

00:29:52,680 --> 00:29:49,870

suffering from asthma chronic

597

00:29:56,370 --> 00:29:52,690

constipation the cataract calcification

598

00:29:57,840 --> 00:29:56,380

in the wrist crazy skin rashes athlete's

599

00:30:00,390 --> 00:29:57,850

foot I shouldn't laugh

600

00:30:03,300 --> 00:30:00,400

angina leaky gut syndrome irritable

601
00:30:06,660 --> 00:30:03,310
bowel syndrome as well as the early

602
00:30:08,760 --> 00:30:06,670
stages of cancer symptoms and all the

603
00:30:11,040 --> 00:30:08,770
pain that goes with it gone

604
00:30:14,490 --> 00:30:11,050
Larry was able to cure them all

605
00:30:16,370 --> 00:30:14,500
naturally discover the one dead ear

606
00:30:18,990 --> 00:30:16,380
that's not very good term isn't it

607
00:30:21,510 --> 00:30:19,000
discover the one dead easy action to

608
00:30:24,360 --> 00:30:21,520
start reversing your disease today no

609
00:30:27,080 --> 00:30:24,370
matter what it is at last to be able to

610
00:30:31,080 --> 00:30:27,090
lose all the weight you want to

611
00:30:34,020 --> 00:30:31,090
regardless of what done it you are on no

612
00:30:37,140 --> 00:30:34,030
with absolute certainty no matter the

613
00:30:40,050 --> 00:30:37,150

disease symptoms presented just how sick

614

00:30:42,900 --> 00:30:40,060

you are more importantly the immediate

615

00:30:46,590 --> 00:30:42,910

steps to take to reverse it amaze your

616

00:30:49,260 --> 00:30:46,600

friends and family by not just starting

617

00:30:52,170 --> 00:30:49,270

to look younger but feel and active as

618

00:30:55,050 --> 00:30:52,180

well disease-free learn the one true

619

00:30:58,470 --> 00:30:55,060

fact that so far has prevented you from

620

00:31:01,260 --> 00:30:58,480

achieving your health goals and it is

621

00:31:03,600 --> 00:31:01,270

not all about diet written for the

622

00:31:05,520 --> 00:31:03,610

everyday person Larry distills the

623

00:31:08,400 --> 00:31:05,530

health knowledge that he knows will work

624

00:31:11,310 --> 00:31:08,410

on anyone suffering from cancer or any

625

00:31:13,920 --> 00:31:11,320

other signs of disease curing and

626

00:31:16,770 --> 00:31:13,930

restoring your health naturally all the

627

00:31:19,140 --> 00:31:16,780

hard work has been done for you the

628

00:31:21,990 --> 00:31:19,150

clear certain path has been laid out and

629

00:31:23,600 --> 00:31:22,000

all you need to do now is to make the

630

00:31:26,820 --> 00:31:23,610

time and effort to follow it through

631

00:31:28,800 --> 00:31:26,830

saving you the years saving you all the

632

00:31:31,560 --> 00:31:28,810

wasted money torment pain and

633

00:31:34,710 --> 00:31:31,570

frustration millions of people the world

634

00:31:38,640 --> 00:31:34,720

over scour Google every day searching

635

00:31:41,460 --> 00:31:38,650

for solutions to pink eye symptoms mono

636

00:31:43,410 --> 00:31:41,470

symptoms heart attack symptoms diabetic

637

00:31:46,980 --> 00:31:43,420

symptoms along with a bunch of other

638

00:31:48,930 --> 00:31:46,990

diseases all in search for help get some

639

00:31:52,410 --> 00:31:48,940

real answers followed by some real

640

00:31:54,930 --> 00:31:52,420

results today so go ahead to the

641

00:31:57,510 --> 00:31:54,940

checkout and order your copy of beating

642

00:31:59,650 --> 00:31:57,520

cancer and disease and naturally today

643

00:32:03,720 --> 00:31:59,660

start your very own personal

644

00:32:06,490 --> 00:32:03,730

of truth health getting healthy and

645

00:32:09,220 --> 00:32:06,500

staying that way and it's still curious

646

00:32:12,100 --> 00:32:09,230

to me that a fly or poster for this book

647

00:32:15,760 --> 00:32:12,110

should appear randomly on a street side

648

00:32:17,680 --> 00:32:15,770

in Sydney Australia nevertheless I seem

649

00:32:20,920 --> 00:32:17,690

to remember something about this idea of

650

00:32:22,300 --> 00:32:20,930

cancer starving disease and this sort of

651
00:32:24,970 --> 00:32:22,310
talk so I did a little bit of research

652
00:32:28,300 --> 00:32:24,980
ending up at McGill University website

653
00:32:30,850 --> 00:32:28,310
and the website that's entitled or the

654
00:32:33,610 --> 00:32:30,860
page is entitled alkaline nonsense

655
00:32:35,680 --> 00:32:33,620
it is so seductively simple if you want

656
00:32:39,820 --> 00:32:35,690
to avoid cancer just make sure your body

657
00:32:41,980 --> 00:32:39,830
is alkaline here is the rationale when a

658
00:32:44,290 --> 00:32:41,990
cell becomes cancerous it reduces its

659
00:32:46,570 --> 00:32:44,300
use of oxygen and cranks up its

660
00:32:49,990 --> 00:32:46,580
production of acids the conditions then

661
00:32:51,580 --> 00:32:50,000
allow such cells to multiply quickly to

662
00:32:54,790 --> 00:32:51,590
counter this you need to ensure that

663
00:32:58,330 --> 00:32:54,800

cells get an adequate supply of oxygen

664

00:33:00,640 --> 00:32:58,340

and the acids produced are neutralized a

665

00:33:02,590 --> 00:33:00,650

little bit later there's a paragraph as

666

00:33:04,960 --> 00:33:02,600

so often happens promoters of

667

00:33:07,930 --> 00:33:04,970

nonsensical therapy seize a few

668

00:33:11,380 --> 00:33:07,940

filaments of scientific fact and weave

669

00:33:13,180 --> 00:33:11,390

these into a tangled web that ensnares

670

00:33:15,700 --> 00:33:13,190

the desperate and the scientifically

671

00:33:17,620 --> 00:33:15,710

confused in this case it all starts with

672

00:33:21,400 --> 00:33:17,630

the work of German physician Otto

673

00:33:24,160 --> 00:33:21,410

Verburg AHA who received the 1931 Nobel

674

00:33:29,350 --> 00:33:24,170

Prize in medicine for his work on

675

00:33:32,650 --> 00:33:29,360

cellular metabolism Verburg showed that

676

00:33:34,690 --> 00:33:32,660

the growth of malignant cells requires

677

00:33:38,250 --> 00:33:34,700

remarkably smaller amounts of oxygen

678

00:33:41,830 --> 00:33:38,260

than of normal cells and that their

679

00:33:44,620 --> 00:33:41,840

metabolism follows an anaerobic pathway

680

00:33:47,620 --> 00:33:44,630

leading to the production of lactic acid

681

00:33:50,950 --> 00:33:47,630

this notion laid dormant until the 1980s

682

00:33:53,350 --> 00:33:50,960

when dr. Keith Breuer a physicist with

683

00:33:56,560 --> 00:33:53,360

no medical training used it to support

684

00:33:58,780 --> 00:33:56,570

his perplexing theory of how potassium

685

00:34:01,390 --> 00:33:58,790

and calcium control the transport of

686

00:34:03,490 --> 00:34:01,400

glucose and oxygen into cells and how

687

00:34:06,220 --> 00:34:03,500

irritation of the cell's membranes

688

00:34:09,700 --> 00:34:06,230

interferes with this transport system

689

00:34:13,089 --> 00:34:09,710

the result Brewer maintained is the verb

690

00:34:16,089 --> 00:34:13,099

effect which lowers the sales pH reduces

691

00:34:19,510 --> 00:34:16,099

its oxygen supply and causes changes in

692

00:34:20,980 --> 00:34:19,520

the DNA characteristic of cancer he then

693

00:34:24,609 --> 00:34:20,990

went on to claim that cesium's

694

00:34:27,730 --> 00:34:24,619

chemically symmetry to potassium allows

695

00:34:29,800 --> 00:34:27,740

it to be readily taken up by cells and

696

00:34:32,409 --> 00:34:29,810

that unlike potassium it does not

697

00:34:34,960 --> 00:34:32,419

transport glucose into cells while

698

00:34:37,180 --> 00:34:34,970

allowing oxygen to enter as a result

699

00:34:40,960 --> 00:34:37,190

cancer cells are enriched in oxygen

700

00:34:43,930 --> 00:34:40,970

deprived of glucose from less lactic

701

00:34:47,139 --> 00:34:43,940

acid become more alkaline and as a

702

00:34:51,070 --> 00:34:47,149

consequence dime sounds good but Brewer

703

00:34:53,460 --> 00:34:51,080

got the Verburg effect all wrong cancer

704

00:34:57,010 --> 00:34:53,470

cells do not shift to a mode of

705

00:34:58,960 --> 00:34:57,020

metabolism that doesn't use oxygen but

706

00:35:01,780 --> 00:34:58,970

this happens even in the presence of

707

00:35:04,930 --> 00:35:01,790

oxygen and of course that page goes on

708

00:35:06,520 --> 00:35:04,940

and on and on with further explanations

709

00:35:08,980 --> 00:35:06,530

that's from McGill University in Canada

710

00:35:11,530 --> 00:35:08,990

but what an interesting little rabbit

711

00:35:13,060 --> 00:35:11,540

hole this turned out to be from walking

712

00:35:15,820 --> 00:35:13,070

down a street in Sydney and seeing a

713

00:35:17,500 --> 00:35:15,830

random flyer which caught my eye because

714

00:35:20,920 --> 00:35:17,510

the top said something about curing

715

00:35:24,670 --> 00:35:20,930

diseases or beating cancer to reading

716

00:35:27,700 --> 00:35:24,680

the bizarre dare I say ramblings of the

717

00:35:30,010 --> 00:35:27,710

author in the in the blurb that

718

00:35:31,690 --> 00:35:30,020

accompanies the book on Amazon - chasing

719

00:35:34,930 --> 00:35:31,700

up some of the background as to why

720

00:35:38,370 --> 00:35:34,940

people think this I wonder I really do

721

00:35:42,849 --> 00:35:38,380

wonder what the situation is with this

722

00:35:46,630 --> 00:35:42,859

Larry green person whoever he or she is

723

00:35:50,190 --> 00:35:46,640

if we were to go by what they've written

724

00:35:53,560 --> 00:35:50,200

they seem to have a miraculous cure at

725

00:35:58,030 --> 00:35:53,570

hand but I think for the rest of us I

726

00:36:00,030 --> 00:35:58,040

think we should remain skeptical all

727

00:36:02,680 --> 00:36:00,040

this from just keeping your eyes open

728

00:36:05,380 --> 00:36:02,690

walking down the street I'll include the

729

00:36:07,660 --> 00:36:05,390

links to the book and the page from

730

00:36:08,020 --> 00:36:07,670

McGill University in this week's show

731

00:36:17,580 --> 00:36:08,030

notes

732

00:36:20,920 --> 00:36:17,590

[Music]

733

00:36:22,810 --> 00:36:20,930

calling all skeptics or listeners the

734

00:36:25,540 --> 00:36:22,820

eleven or near Glasgow

735

00:36:27,520 --> 00:36:25,550

are you planning to visit sometime then

736

00:36:29,650 --> 00:36:27,530

you're in luck because the Glasgow

737

00:36:32,650 --> 00:36:29,660

skeptics have got your Monday nights

738

00:36:35,050 --> 00:36:32,660

sorted we are committed to filling up

739

00:36:37,690 --> 00:36:35,060

every available Monday night talks on

740

00:36:39,880 --> 00:36:37,700

science and skepticism past speakers

741

00:36:42,280 --> 00:36:39,890

include Eugenie Scott Jerry Coyne

742

00:36:44,830 --> 00:36:42,290

Michael Marshall Nate Phelps torment

743

00:36:47,920 --> 00:36:44,840

Cecil from cognitive dissonance PZ Myers

744

00:36:50,440 --> 00:36:47,930

Richard Wiseman EC drilling Noah Heath

745

00:36:53,020 --> 00:36:50,450

and Eli from the scathing atheist Simon

746

00:36:56,080 --> 00:36:53,030

Singh Rebecca Watson and a multitude of

747

00:36:58,300 --> 00:36:56,090

local academics and skeptics there's

748

00:36:59,710 --> 00:36:58,310

literally nothing better you can do in a

749

00:37:01,510 --> 00:36:59,720

Monday in Glasgow

750

00:37:04,450 --> 00:37:01,520

it doesn't involve taking your clothes

751

00:37:06,700 --> 00:37:04,460

off so come join us we've also got a

752

00:37:08,980 --> 00:37:06,710

vibrant online community you can find us

753

00:37:11,320 --> 00:37:08,990

on Facebook Twitter and get involved

754

00:37:23,670 --> 00:37:11,330

with the discussion Glasgow skeptics

755

00:37:26,170 --> 00:37:23,680

self-help for your brain years may not

756

00:37:32,049 --> 00:37:26,180

spooky action

757

00:37:33,220 --> 00:37:32,059

at the distance so it's Sunday morning

758

00:37:35,049 --> 00:37:33,230

after the big dinner the night before

759

00:37:36,970 --> 00:37:35,059

and it's all happening here as people

760

00:37:39,069 --> 00:37:36,980

half with hangovers turn up here for

761

00:37:42,490 --> 00:37:39,079

another day of skepticism for the big

762

00:37:45,039 --> 00:37:42,500

final labs skeptic on 2019 I'm a nerd

763

00:37:48,039 --> 00:37:45,049

I've had a banana and I'm full of

764

00:37:49,329 --> 00:37:48,049

something we've got a couple of people

765

00:37:51,510 --> 00:37:49,339

they're smiling I'll soon wipe that off

766

00:37:53,740 --> 00:37:51,520

their face how are you all very well

767

00:37:56,650 --> 00:37:53,750

nice to meet you too who we got Liam

768

00:37:58,450 --> 00:37:56,660

Mannix from the AG how are you oh pretty

769

00:37:59,740 --> 00:37:58,460

good now boy what you doing some writing

770

00:38:02,500 --> 00:37:59,750

you've been taking some photos or

771

00:38:03,940 --> 00:38:02,510

working on the crossword not working on

772

00:38:05,529 --> 00:38:03,950

the crosswords I can never solve them

773

00:38:07,059 --> 00:38:05,539

but we're down here to hear what

774

00:38:11,260 --> 00:38:07,069

everybody's skeptical about and see if

775

00:38:12,760 --> 00:38:11,270

there might be some stories in it print

776

00:38:14,980 --> 00:38:12,770

journalists I hope because they're on

777

00:38:16,210 --> 00:38:14,990

the top tree it goes it goes from print

778

00:38:18,940 --> 00:38:16,220

journalist and down the bottom you've

779

00:38:22,029 --> 00:38:18,950

got \$2 shops brokers and just below that

780

00:38:23,380 --> 00:38:22,039

podcast is where I am so yes so when

781

00:38:25,269 --> 00:38:23,390

you're looking for a skeptical story

782

00:38:27,400 --> 00:38:25,279

obviously the skeptics are very intense

783

00:38:28,690 --> 00:38:27,410

knowing them and you've got to take away

784

00:38:30,250 --> 00:38:28,700

their intensity and figure out the

785

00:38:31,960 --> 00:38:30,260

general public is interested in it don't

786

00:38:34,990 --> 00:38:31,970

you yeah you got to be skeptical about

787

00:38:36,549 --> 00:38:35,000

the sceptics yes a particularly angle

788

00:38:38,440 --> 00:38:36,559

you're maybe thinking about already not

789

00:38:41,130 --> 00:38:38,450

I'm not gonna ring another population I

790

00:38:43,630 --> 00:38:41,140

like the Sun the herald some hey the age

791

00:38:45,010 --> 00:38:43,640

maybe an an evac story is that you're

792

00:38:48,400 --> 00:38:45,020

thinking of or one the big ones who

793

00:38:49,960 --> 00:38:48,410

thinking of the smaller psychic maybe a

794

00:38:50,529 --> 00:38:49,970

horoscope kind of angle what are you

795

00:38:52,059 --> 00:38:50,539

going with

796

00:38:53,349 --> 00:38:52,069

well the psychics are fascinating out

797

00:38:55,420 --> 00:38:53,359

there and the horoscopes but I'm

798

00:38:57,400 --> 00:38:55,430

actually a science journalist so what

799

00:38:58,930 --> 00:38:57,410

really fascinates me is when people are

800

00:39:01,000 --> 00:38:58,940

skeptical about some of the things that

801
00:39:02,829 --> 00:39:01,010
scientists say because scientists are so

802
00:39:04,450 --> 00:39:02,839
trusted in the community right but there

803
00:39:06,609 --> 00:39:04,460
are some things that they put out there

804
00:39:08,319 --> 00:39:06,619
that you know aren't always backed up by

805
00:39:09,849 --> 00:39:08,329
evidence so I'm sort of interested in

806
00:39:11,799 --> 00:39:09,859
that sort of stuff there's a lot of talk

807
00:39:13,269 --> 00:39:11,809
last night a dinner about science

808
00:39:14,289 --> 00:39:13,279
journalism and it was a bit of a double

809
00:39:15,730 --> 00:39:14,299
thing they were going yes there's

810
00:39:17,049 --> 00:39:15,740
there's so few of them then they're

811
00:39:19,750 --> 00:39:17,059
going on but the ones that are out there

812
00:39:21,309 --> 00:39:19,760
so it's like so yes they're really great

813
00:39:22,990 --> 00:39:21,319

they're really grateful you're around

814

00:39:24,670 --> 00:39:23,000

but yet they still they still get

815

00:39:27,519 --> 00:39:24,680

picking you can't win Kenny you can't

816

00:39:30,130 --> 00:39:27,529

win and what angle you think you on on

817

00:39:32,529 --> 00:39:30,140

the vestroia bats I don't know at this

818

00:39:34,180 --> 00:39:32,539

point I am mainly accompanying leme here

819

00:39:35,350 --> 00:39:34,190

but I do I'm a freelance journalist

820

00:39:38,140 --> 00:39:35,360

house journalist I'm

821

00:39:39,340 --> 00:39:38,150

journalist as well house like pump up

822

00:39:42,730 --> 00:39:39,350

the volume that sort of thing

823

00:39:45,910 --> 00:39:42,740

C&C Music Factory general alright sorry

824

00:39:47,410 --> 00:39:45,920

I was thinking music perhaps I suppose

825

00:39:49,720 --> 00:39:47,420

I'm very skeptical of the medical

826

00:39:52,270 --> 00:39:49,730

establishment as it approaches gender

827

00:39:54,070 --> 00:39:52,280

and as approaches the way that women and

828

00:39:56,080 --> 00:39:54,080

men for instance are evaluated or

829

00:39:58,120 --> 00:39:56,090

listened to by the medical system so I

830

00:39:59,920 --> 00:39:58,130

like a lot of women that have been to a

831

00:40:02,020 --> 00:39:59,930

GP would probably agree with you at that

832

00:40:03,460 --> 00:40:02,030

perhaps and I just think I've done a few

833

00:40:05,170 --> 00:40:03,470

stories on that and I think the medical

834

00:40:08,350 --> 00:40:05,180

system is set up not to maybe listen to

835

00:40:09,700 --> 00:40:08,360

women's complaints or medical issues in

836

00:40:11,770 --> 00:40:09,710

the same way that it is on male it's

837

00:40:13,900 --> 00:40:11,780

just a it's an interesting kind of field

838

00:40:16,930 --> 00:40:13,910

that I'm looking into I heard from a

839

00:40:18,640 --> 00:40:16,940

doctor once an ECG for a female is going

840

00:40:21,310 --> 00:40:18,650

to be different for a male because it's

841

00:40:23,050 --> 00:40:21,320

not set up like the actual measuring of

842

00:40:25,150 --> 00:40:23,060

it may be incorrect with the female is

843

00:40:26,830 --> 00:40:25,160

there any truth in that I'm not going to

844

00:40:29,020 --> 00:40:26,840

about that exact example but I'm pretty

845

00:40:32,050 --> 00:40:29,030

sure but for instance heart attack so

846

00:40:36,040 --> 00:40:32,060

nobody knows that actually most clinical

847

00:40:37,150 --> 00:40:36,050

patients are actually men and then I'm a

848

00:40:38,350 --> 00:40:37,160

completely different physiology

849

00:40:40,510 --> 00:40:38,360

different hormones everything they're

850

00:40:44,530 --> 00:40:40,520

dis quite different but because women

851

00:40:46,630 --> 00:40:44,540

subjects are seen as have hormonal

852

00:40:47,800 --> 00:40:46,640

interference if you know for a minute so

853

00:40:51,120 --> 00:40:47,810

they don't actually test on women

854

00:40:53,800 --> 00:40:51,130

because they think that because they are

855

00:40:55,840 --> 00:40:53,810

absolute that's right so everything

856

00:40:58,180 --> 00:40:55,850

every drug every pretty much measure of

857

00:41:00,040 --> 00:40:58,190

anything is tested on men and it just

858

00:41:01,990 --> 00:41:00,050

now we're just discovering that a lot of

859

00:41:04,690 --> 00:41:02,000

it is actually different when women have

860

00:41:06,250 --> 00:41:04,700

to have a word and a few of their ears

861

00:41:07,570 --> 00:41:06,260

down there particularly doing the coffee

862

00:41:08,770 --> 00:41:07,580

or the lunch breaks and that sort of

863

00:41:09,820 --> 00:41:08,780

thing and you'll get a bit of an idea

864

00:41:11,830 --> 00:41:09,830

what they're all talking about I've

865

00:41:14,260 --> 00:41:11,840

actually been asking them about dolphins

866

00:41:16,390 --> 00:41:14,270

of all things because when they had the

867

00:41:17,890 --> 00:41:16,400

bent spoon award I went back through the

868

00:41:20,530 --> 00:41:17,900

press releases from the bent spoon

869

00:41:21,880 --> 00:41:20,540

Awards going back into the 76 or so and

870

00:41:23,470 --> 00:41:21,890

I noticed that pretty much when they

871

00:41:25,810 --> 00:41:23,480

were talking about New Age war the

872

00:41:28,630 --> 00:41:25,820

paranormal dolphins were mentioned

873

00:41:30,340 --> 00:41:28,640

almost every single year up until the

874

00:41:32,830 --> 00:41:30,350

early eighties and suddenly nothing

875

00:41:34,330 --> 00:41:32,840

since and I've been asking people why

876

00:41:37,810 --> 00:41:34,340

dolphins were once considered a

877

00:41:39,940 --> 00:41:37,820

paranormal mystery a mystic animal and

878

00:41:41,650 --> 00:41:39,950

by the paranormal community and then not

879

00:41:44,650 --> 00:41:41,660

anymore and the answer I seem to have

880

00:41:46,480 --> 00:41:44,660

got is that science as the bio sciences

881

00:41:46,850 --> 00:41:46,490

caught up with what the dolphins about

882

00:41:49,820 --> 00:41:46,860

and

883

00:41:51,590 --> 00:41:49,830

it's actually filled in gaps so I've had

884

00:41:54,440 --> 00:41:51,600

a thing about the the Dolph the Gulf

885

00:41:56,210 --> 00:41:54,450

Dolphin of the gaps so basically people

886

00:41:57,830 --> 00:41:56,220

have filled in the information about the

887

00:41:59,450 --> 00:41:57,840

dolphin so if anyone tries to get all

888

00:42:02,090 --> 00:41:59,460

mystical or paranormal about it we go

889

00:42:04,010 --> 00:42:02,100

well no it's because of this paranormal

890

00:42:06,110 --> 00:42:04,020

mystical about a dolphin that's what I

891

00:42:07,730 --> 00:42:06,120

was thinking initially but everybody who

892

00:42:10,010 --> 00:42:07,740

seemed to be nominated for a bent spoon

893

00:42:11,720 --> 00:42:10,020

award had some dolphin angle like that

894

00:42:13,100 --> 00:42:11,730

they were magical or they could

895

00:42:14,480 --> 00:42:13,110

communicate with them or there was

896

00:42:16,400 --> 00:42:14,490

something about them and then suddenly

897

00:42:19,280 --> 00:42:16,410

it stopped dead in the early 80s oh yes

898

00:42:20,990 --> 00:42:19,290

I so yes they were seen as being just

899

00:42:23,150 --> 00:42:21,000

more than just an animal almost like a

900

00:42:25,550 --> 00:42:23,160

cypher for something that science

901
00:42:28,100 --> 00:42:25,560
refuses to acknowledge be related to the

902
00:42:29,630 --> 00:42:28,110
airing of flipper the TV show which no

903
00:42:31,490 --> 00:42:29,640
longer on air anymore it's probably

904
00:42:33,260 --> 00:42:31,500
getting reruns in the late seventies

905
00:42:34,640 --> 00:42:33,270
early eighties but yes so I so I asked

906
00:42:36,290 --> 00:42:34,650
people what ever happened to dolphins

907
00:42:38,300 --> 00:42:36,300
everyone goes yeah we haven't heard them

908
00:42:40,310 --> 00:42:38,310
as a mystical paranormal thing so that's

909
00:42:41,630 --> 00:42:40,320
one of those things and crystals seem to

910
00:42:43,130 --> 00:42:41,640
have lost a bit of their thing as well

911
00:42:45,620 --> 00:42:43,140
there's plenty of crystal shops around

912
00:42:47,060 --> 00:42:45,630
but you don't get it as much there's a

913
00:42:49,970 --> 00:42:47,070

lot of crystals happening especially in

914

00:42:51,620 --> 00:42:49,980

the influence of world now it is a huge

915

00:42:53,870 --> 00:42:51,630

so it's actually moved up to the rich

916

00:42:55,220 --> 00:42:53,880

got a high markup that's why exactly it

917

00:42:56,510 --> 00:42:55,230

and now there's a new thing that's

918

00:42:58,460 --> 00:42:56,520

happening about crystals and they're

919

00:43:01,160 --> 00:42:58,470

being dug up by you know little children

920

00:43:03,500 --> 00:43:01,170

in Africa and it's a blood crystals of

921

00:43:05,420 --> 00:43:03,510

massively unregarded trade so if you

922

00:43:07,130 --> 00:43:05,430

ever go an influence on Instagram all of

923

00:43:09,260 --> 00:43:07,140

the women who are in the creative

924

00:43:10,730 --> 00:43:09,270

influences so they're all spending like

925

00:43:18,140 --> 00:43:10,740

they're obsessed with astrology and

926
00:43:19,580 --> 00:43:18,150
crystals what's your interesting whoohh

927
00:43:20,990 --> 00:43:19,590
the one you think I'll come on that

928
00:43:22,640 --> 00:43:21,000
can't be right the one that the words

929
00:43:30,410 --> 00:43:22,650
that get your goat as I like to say is

930
00:43:33,440 --> 00:43:30,420
the crystals you're not God something

931
00:43:36,890 --> 00:43:33,450
that everybody believes ah putting ice

932
00:43:40,040 --> 00:43:36,900
on your injuries when you hurt sports

933
00:43:42,110 --> 00:43:40,050
science this is my big word no Studies

934
00:43:43,730 --> 00:43:42,120
on any of that they go over to the room

935
00:43:45,470 --> 00:43:43,740
and I do these secret things it's almost

936
00:43:47,000 --> 00:43:45,480
like the ritual they had the lucky

937
00:43:48,530 --> 00:43:47,010
Underpants kind of thing it's a bit like

938
00:43:49,910 --> 00:43:48,540

that yeah what's the rule I could see

939

00:43:51,530 --> 00:43:49,920

you you're thinking you you you're

940

00:43:54,900 --> 00:43:51,540

running out the wheel of was spinning in

941

00:43:59,049 --> 00:43:57,609

hmm well but for some people look for

942

00:44:00,880 --> 00:43:59,059

some people they go for ones that are

943

00:44:02,769 --> 00:44:00,890

quite dangerous like the vaccine aunty

944

00:44:04,000 --> 00:44:02,779

vaccine but other people in the office

945

00:44:05,470 --> 00:44:04,010

every day if you've got someone who's

946

00:44:06,880 --> 00:44:05,480

really into horoscopes they can get

947

00:44:08,589 --> 00:44:06,890

really annoying after a while

948

00:44:12,190 --> 00:44:08,599

oh that's cause you're a Virgo that's

949

00:44:14,019 --> 00:44:12,200

why that happened do you like it's us

950

00:44:15,250 --> 00:44:14,029

horoscopes all the time

951
00:44:16,630 --> 00:44:15,260
well and where can we actually catch

952
00:44:20,019 --> 00:44:16,640
your work if you've got your own tool of

953
00:44:23,079 --> 00:44:20,029
freelance page URL yes I do I have a

954
00:44:25,359 --> 00:44:23,089
website but I often write for the Aged

955
00:44:28,660 --> 00:44:25,369
The Guardian Sydney Morning Herald etc

956
00:44:31,599 --> 00:44:28,670
so it's Caroline szalinski calm the age

957
00:44:33,009 --> 00:44:31,609
come today you have a side hustle like

958
00:44:34,690 --> 00:44:33,019
the way you sell crystals or something

959
00:44:35,799 --> 00:44:34,700
like that or or lucky Underpants or

960
00:44:37,150 --> 00:44:35,809
something you should get into that

961
00:44:41,109 --> 00:44:37,160
nextly horoscopes I read the horoscope

962
00:44:44,670 --> 00:44:41,119
said it's great horoscope writing oh my

963
00:44:47,559 --> 00:44:44,680

god Jessica Adams will tell you that yes

964

00:44:53,950 --> 00:44:47,569

my favourite astrologer rocks

965

00:44:55,569 --> 00:44:53,960

she's internally consistent like I said

966

00:44:57,339 --> 00:44:55,579

Tim minam's doing his usual thing on the

967

00:44:59,349 --> 00:44:57,349

merge disk I was just listening to the

968

00:45:01,930 --> 00:44:59,359

first talk on a Sunday there and she

969

00:45:03,309 --> 00:45:01,940

mentioned subjunctive nodes and I was

970

00:45:06,309 --> 00:45:03,319

out of this so I got no idea what that

971

00:45:07,450 --> 00:45:06,319

means what is the subjunctive node with

972

00:45:09,130 --> 00:45:07,460

subjunctive is probably one of my

973

00:45:11,349 --> 00:45:09,140

favorites actually okay

974

00:45:14,200 --> 00:45:11,359

I think the subjunctive subjunctive he

975

00:45:16,450 --> 00:45:14,210

is going back to my Latin training as we

976

00:45:20,259 --> 00:45:16,460

all have oh yes yes I'll be subjunctive

977

00:45:21,819 --> 00:45:20,269

I think is I would be case I mean it is

978

00:45:25,150 --> 00:45:21,829

something like or is that the

979

00:45:27,819 --> 00:45:25,160

conditional anyway as the editor of the

980

00:45:29,859 --> 00:45:27,829

the skeptic do you get people going you

981

00:45:32,319 --> 00:45:29,869

said something wrong that's not the way

982

00:45:33,970 --> 00:45:32,329

you should have wrote that oh yeah oh

983

00:45:36,309 --> 00:45:33,980

yeah that's a part of pattern part of

984

00:45:37,839 --> 00:45:36,319

the course yes it's I usually write

985

00:45:40,569 --> 00:45:37,849

what's the percentage do you given I

986

00:45:42,130 --> 00:45:40,579

don't acknowledge one plus I look

987

00:45:43,809 --> 00:45:42,140

whenever people criticize me often right

988

00:45:45,809 --> 00:45:43,819

back to them saying you may be correct

989

00:45:47,680 --> 00:45:45,819

and just leave it at that

990

00:45:49,329 --> 00:45:47,690

everyone's happy I'm always very polite

991

00:45:50,799 --> 00:45:49,339

to people so what's really moving like

992

00:45:52,059 --> 00:45:50,809

human we must be jealous of the skeptics

993

00:45:54,009 --> 00:45:52,069

guide the universe selling all their

994

00:45:55,690 --> 00:45:54,019

books in like about 30 seconds yesterday

995

00:45:57,630 --> 00:45:55,700

I know and I but what's been bit selling

996

00:45:59,700 --> 00:45:57,640

here is the hotcakes good

997

00:46:01,799 --> 00:45:59,710

ladies are selling like that yeah that's

998

00:46:03,359 --> 00:46:01,809

right cheaper look did you enjoyed the

999

00:46:04,920 --> 00:46:03,369

dinner last night are there there's a

1000

00:46:06,390 --> 00:46:04,930

photo of you that Susan Kovac took of

1001
00:46:08,579 --> 00:46:06,400
you doing some kung-fu moves in the

1002
00:46:09,900 --> 00:46:08,589
background look pretty cool yeah I can't

1003
00:46:12,329 --> 00:46:09,910
recall that but there was a lot of wine

1004
00:46:14,130 --> 00:46:12,339
going around oh you're racing off to the

1005
00:46:16,589 --> 00:46:14,140
stage to get something and and the photo

1006
00:46:18,630 --> 00:46:16,599
was taken so you're doing this it looks

1007
00:46:20,279 --> 00:46:18,640
great try and get a copy of that yeah

1008
00:46:21,599 --> 00:46:20,289
we'll have fun here on the table today

1009
00:46:23,130 --> 00:46:21,609
and hopefully you'll get rid of the most

1010
00:46:24,839 --> 00:46:23,140
of stuff so we won't have to take it

1011
00:46:48,630 --> 00:46:24,849
back in the mist remember back to Sydney

1012
00:46:53,500 --> 00:46:51,160
thank you for listening to the skeptic

1013
00:46:55,540 --> 00:46:53,510

zone this week now here's an

1014

00:46:57,970 --> 00:46:55,550

announcement for Sydney listeners the

1015

00:47:01,450 --> 00:46:57,980

Australian skeptics dinner meeting is

1016

00:47:05,470 --> 00:47:01,460

coming up and this will be on the 29th

1017

00:47:07,960 --> 00:47:05,480

of February from 7:00 p.m. and the talk

1018

00:47:10,000 --> 00:47:07,970

will start around 8 o'clock the location

1019

00:47:11,829 --> 00:47:10,010

is the Occidental hotel where we

1020

00:47:15,130 --> 00:47:11,839

normally have Sydney skeptics in the pub

1021

00:47:17,800 --> 00:47:15,140

and this is an event you really do have

1022

00:47:20,170 --> 00:47:17,810

to book for because it is a dinner

1023

00:47:23,230 --> 00:47:20,180

meeting and the speaker on the night

1024

00:47:26,200 --> 00:47:23,240

will be dr. Michael Mann on climate

1025

00:47:28,180 --> 00:47:26,210

change the Sydney sceptics dinners are

1026
00:47:31,270 --> 00:47:28,190
making a welcome return with a bang on

1027
00:47:34,120 --> 00:47:31,280
February 29th featuring a high-profile

1028
00:47:35,440 --> 00:47:34,130
speaker on the issue of the century dr.

1029
00:47:38,620 --> 00:47:35,450
Michael Mann is an American

1030
00:47:40,300 --> 00:47:38,630
climatologist and geophysicist currently

1031
00:47:43,300 --> 00:47:40,310
director of the Earth System science

1032
00:47:45,640 --> 00:47:43,310
center at Pennsylvania State University

1033
00:47:48,099 --> 00:47:45,650
who has contributed to the scientific

1034
00:47:50,829 --> 00:47:48,109
understanding of historic climate change

1035
00:47:54,609 --> 00:47:50,839
based on the temperature record of the

1036
00:47:57,609 --> 00:47:54,619
past thousand years now the numbers are

1037
00:48:00,309 --> 00:47:57,619
limited to this event so again booking

1038
00:48:06,280 --> 00:48:00,319

is essential and you can book for that

1039

00:48:08,650 --> 00:48:06,290

event by going to WWF Descamps au but

1040

00:48:11,170 --> 00:48:08,660

for those of you in Victoria of course

1041

00:48:14,740 --> 00:48:11,180

on the 29th of February we have skeptic

1042

00:48:16,599 --> 00:48:14,750

amp 8:00 Surf Coast summer skeptic camp

1043

00:48:18,839 --> 00:48:16,609

8 and I'm looking forward to that

1044

00:48:22,720 --> 00:48:18,849

because I am delighted that the

1045

00:48:25,780 --> 00:48:22,730

organizers have offered me the chance to

1046

00:48:28,630 --> 00:48:25,790

talk down there at skeptic amp I'll be

1047

00:48:30,609 --> 00:48:28,640

talking about strange energies and we'll

1048

00:48:33,550 --> 00:48:30,619

put to the test one of the strange

1049

00:48:36,849 --> 00:48:33,560

energy devices the Australian skeptics

1050

00:48:38,650 --> 00:48:36,859

have collected along the way links to

1051
00:48:41,260 --> 00:48:38,660
both of those events in this week's show

1052
00:48:43,540 --> 00:48:41,270
notes thank you to those people around

1053
00:48:45,670 --> 00:48:43,550
the world who continue to support the

1054
00:48:50,020 --> 00:48:45,680
skeptic zone via patreon or PayPal at

1055
00:48:52,660 --> 00:48:50,030
skeptic zone TV if you go there not only

1056
00:48:55,089 --> 00:48:52,670
will you see the show notes from every

1057
00:48:57,160 --> 00:48:55,099
episode but lovely big pictures the

1058
00:49:00,700 --> 00:48:57,170
people involved the stories involved and

1059
00:49:04,260 --> 00:49:00,710
also you can click the patreon link

1060
00:49:06,579 --> 00:49:04,270
and help to support the show now you may

1061
00:49:10,060 --> 00:49:06,589
think to yourself well why would I do

1062
00:49:12,700 --> 00:49:10,070
that the skeptic zone regularly runs ads

1063
00:49:14,680 --> 00:49:12,710

for other podcasts and other events

1064

00:49:18,460 --> 00:49:14,690

during the course of the show yes I do

1065

00:49:19,270 --> 00:49:18,470

it does we do the show does all those

1066

00:49:25,150 --> 00:49:19,280

are free

1067

00:49:27,010 --> 00:49:25,160

I never charge anybody for promoting

1068

00:49:29,980 --> 00:49:27,020

their podcast they're skeptical event

1069

00:49:31,870 --> 00:49:29,990

and you might think that's a bit crazy

1070

00:49:33,880 --> 00:49:31,880

why would I promote other podcasts

1071

00:49:36,790 --> 00:49:33,890

because they technically are in

1072

00:49:39,970 --> 00:49:36,800

competition to me but I just think it's

1073

00:49:43,020 --> 00:49:39,980

the right thing to do anyway if you feel

1074

00:49:46,359 --> 00:49:43,030

so inclined to help the skeptic zone

1075

00:49:49,390 --> 00:49:46,369

keep in your ears so to speak go to

1076

00:49:53,050 --> 00:49:49,400

skeptic zone TV and come on board as a

1077

00:49:55,240 --> 00:49:53,060

sponsor coming up on next week's show

1078

00:49:58,540 --> 00:49:55,250

another logical fallacy from Michelle

1079

00:50:02,230 --> 00:49:58,550

Vickers MA more from Maynard at skeptic

1080

00:50:05,859 --> 00:50:02,240

on 2019 and I guess whatever comes along

1081

00:50:07,930 --> 00:50:05,869

in the next week but for this week this

1082

00:50:14,290 --> 00:50:07,940

is Richard Saunders signing off from

1083

00:50:17,320 --> 00:50:14,300

Sydney Australia you've been listening

1084

00:50:23,980 --> 00:50:17,330

to the skeptic zone podcast please visit

1085

00:50:26,680 --> 00:50:23,990

our website at wwlp.com tax and to

1086

00:50:30,430 --> 00:50:26,690

access the bat catalog of episodes going

1087

00:50:33,240 --> 00:50:30,440

back to 2008 you can follow the skeptic

1088

00:50:35,980 --> 00:50:33,250

zone podcast on twitter at skeptic zone

1089

00:50:39,400 --> 00:50:35,990

visit our facebook page or leave a

1090

00:50:42,370 --> 00:50:39,410

review on itunes you can also support

1091

00:50:44,800 --> 00:50:42,380

the skeptic zone via patreon or PayPal

1092

00:50:47,470 --> 00:50:44,810

the skeptic zone podcast is an

1093

00:50:49,300 --> 00:50:47,480

independent production reviews and

1094

00:50:51,520 --> 00:50:49,310

opinions expressed on the skeptic zone

1095

00:50:54,070 --> 00:50:51,530

and not necessarily those of Australian

1096

00:50:54,970 --> 00:50:54,080

skeptics or any other sceptical

1097

00:51:07,359 --> 00:50:54,980

organisation

1098

00:51:13,480 --> 00:51:11,480

hello where are we hello afterthoughts

1099

00:51:16,010 --> 00:51:13,490

hello people who listen after the music

1100

00:51:21,800 --> 00:51:16,020

this is where we play the dice game this

1101

00:51:26,809 --> 00:51:21,810

is where I roll a die dice die it's

1102

00:51:29,839 --> 00:51:26,819

usually 10 sided usually sometimes six I

1103

00:51:31,089 --> 00:51:29,849

think I once did a 30 sided I've got

1104

00:51:40,430 --> 00:51:31,099

quite a collection

1105

00:51:43,240 --> 00:51:40,440

in fact when are they big everywhere I

1106

00:51:46,040 --> 00:51:43,250

got a big container here full of

1107

00:51:49,069 --> 00:51:46,050

fascinating dice I've collected over the

1108

00:51:52,430 --> 00:51:49,079

years of various conventions like Dragon

1109

00:51:55,339 --> 00:51:52,440

Con in the USA so this week

1110

00:52:00,200 --> 00:51:55,349

let me put something back I'm going to

1111

00:52:03,680 --> 00:52:00,210

roll - I'm going to roll a four sided

1112

00:52:06,950 --> 00:52:03,690

die and an eight sided die just for the

1113

00:52:09,230 --> 00:52:06,960

hell of it so this is where you get to

1114

00:52:10,640 --> 00:52:09,240

use your psychic prediction this is

1115

00:52:14,540 --> 00:52:10,650

where you get to use your dumb luck

1116

00:52:18,140 --> 00:52:14,550

prediction or whatever for you to guess

1117

00:52:19,970 --> 00:52:18,150

the numbers that come up where's my

1118

00:52:21,650 --> 00:52:19,980

skipped exam pin all right I write these

1119

00:52:23,420 --> 00:52:21,660

down because I always forget okay here

1120

00:52:25,910 --> 00:52:23,430

we go

1121

00:52:29,900 --> 00:52:25,920

I think I'll roll the four sided first

1122

00:52:32,839 --> 00:52:29,910

so you have the chance now to think of a

1123

00:52:33,790 --> 00:52:32,849

number one two three or four here it

1124

00:52:39,490 --> 00:52:33,800

comes

1125

00:52:41,960 --> 00:52:39,500

first number is number one number one

1126
00:52:44,410 --> 00:52:41,970
will roll the 4-sided again are you

1127
00:52:48,319 --> 00:52:44,420
ready and here it comes

1128
00:52:50,300 --> 00:52:48,329
and it's number number one again hardly

1129
00:52:55,040 --> 00:52:50,310
surprising there's not many numbers last

1130
00:52:59,870 --> 00:52:55,050
time here we go four sided very quick

1131
00:53:02,569 --> 00:52:59,880
roll to one one and two all right let's

1132
00:53:05,359 --> 00:53:02,579
try the eight sided three times again

1133
00:53:07,400 --> 00:53:05,369
here we go a first first one coming up

1134
00:53:12,370 --> 00:53:07,410
on the eight sided so it's one two three

1135
00:53:20,870 --> 00:53:12,380
four five six seven eight six

1136
00:53:28,220 --> 00:53:20,880
next one guess away eight six eight and

1137
00:53:32,029 --> 00:53:28,230
last time - all right today's winning

1138
00:53:35,480 --> 00:53:32,039

numbers on the four sided we had one one