

The Skeptic Zone
Show 331 - 22 Feb 2015



Ash Pryce

1
00:00:22,150 --> 00:00:09,110
welcome to the skeptic zone the podcast

2
00:00:28,029 --> 00:00:24,830
hello and welcome to the skeptic zone

3
00:00:31,220 --> 00:00:28,039
episode number 331 for the 22nd of every

4
00:00:33,860 --> 00:00:31,230
2015 richardsaunders here with you from

5
00:00:36,649 --> 00:00:33,870
the Blue Mountains in Australia because

6
00:00:39,020 --> 00:00:36,659
I'm lucky I'm visiting our reporter you

7
00:00:42,229 --> 00:00:39,030
know us so well from evidence please Joe

8
00:00:44,119 --> 00:00:42,239
alabaster hello Joe hello Richard hello

9
00:00:45,710 --> 00:00:44,129
yes I'm so happy to come up here today

10
00:00:47,090 --> 00:00:45,720
to visit you course we've been talking

11
00:00:49,729 --> 00:00:47,100
about the show going over this week's

12
00:00:52,430 --> 00:00:49,739
episode are a few bits of housekeeping

13
00:00:55,040 --> 00:00:52,440

and things like that and thank you for

14

00:00:57,110 --> 00:00:55,050

hosting the show last week that was an

15

00:00:58,729 --> 00:00:57,120

absolute pleasure it's a lot of fun well

16

00:01:01,700 --> 00:00:58,739

I'm glad you enjoyed it I hope you'll do

17

00:01:03,889 --> 00:01:01,710

it again sometime it's a possibility but

18

00:01:05,240 --> 00:01:03,899

enough of this banter Joe alabaster

19

00:01:06,919 --> 00:01:05,250

enough of this band of what's coming up

20

00:01:08,749 --> 00:01:06,929

on this week's show we're going to kick

21

00:01:10,190 --> 00:01:08,759

off with the raw skeptic report with

22

00:01:13,160 --> 00:01:10,200

Heidi Robertson and what a great

23

00:01:14,359 --> 00:01:13,170

reporter she is she is indeed I'm really

24

00:01:16,370 --> 00:01:14,369

really glad that we've got her on board

25

00:01:19,040 --> 00:01:16,380

it's funny now because she's known as

26
00:01:22,100 --> 00:01:19,050
the new reporter and you used to be the

27
00:01:24,559 --> 00:01:22,110
new reporter but now you're just the

28
00:01:26,419 --> 00:01:24,569
reporter a seasoned reporter oh sorry a

29
00:01:28,400 --> 00:01:26,429
seasoned report it will Heidi yes cheese

30
00:01:29,870 --> 00:01:28,410
on you reported the raw skeptic as we

31
00:01:32,510 --> 00:01:29,880
call it because her first report was

32
00:01:35,809 --> 00:01:32,520
about raw milk and she's not living it

33
00:01:37,460 --> 00:01:35,819
down no she's not she's active what an

34
00:01:39,889 --> 00:01:37,470
interesting report she's giving us this

35
00:01:43,160 --> 00:01:39,899
week she's using her expertise in a

36
00:01:47,359 --> 00:01:43,170
former life as a paramedic mmm to talk

37
00:01:49,999 --> 00:01:47,369
about burns first aid for band's first

38
00:01:52,419 --> 00:01:50,009

aid burns and some of the weird and

39

00:01:55,969 --> 00:01:52,429

wacky and downright dangerous

40

00:01:58,100 --> 00:01:55,979

alternative remedies and treatments for

41

00:01:59,240 --> 00:01:58,110

burns so folks some good advice coming

42

00:02:01,010 --> 00:01:59,250

up at the top of the show with the raw

43

00:02:03,410 --> 00:02:01,020

skeptic and the war skeptic report with

44

00:02:05,839 --> 00:02:03,420

Heidi Robertson and after that we chat

45

00:02:08,719 --> 00:02:05,849

with dr. Steve Roberts also known as dr.

46

00:02:10,609 --> 00:02:08,729

Bob from dr. Bob's trivia quiz Steve's

47

00:02:13,040 --> 00:02:10,619

going to give us his insights and

48

00:02:15,199 --> 00:02:13,050

opinions on psychics in the movies and

49

00:02:18,050 --> 00:02:15,209

on TV have you ever seen those psychic

50

00:02:20,750 --> 00:02:18,060

shows like medium general I have indeed

51
00:02:22,729 --> 00:02:20,760
I've also seen a reality TV show which

52
00:02:26,089 --> 00:02:22,739
involves some psychics and there was

53
00:02:27,949 --> 00:02:26,099
some guy on it oh oh yeah his name I

54
00:02:29,390 --> 00:02:27,959
tried to watch an episode of that but I

55
00:02:33,680 --> 00:02:29,400
had to give up honestly idea though

56
00:02:34,610 --> 00:02:33,690
absolute rubbish oh geez got me we'll

57
00:02:36,320 --> 00:02:34,620
find out more

58
00:02:37,940 --> 00:02:36,330
steve roberts coming up a little a bit

59
00:02:43,250 --> 00:02:37,950
later on and then what's next after that

60
00:02:46,820 --> 00:02:43,260
Joe I'm getting an RI oz weekend service

61
00:02:48,860 --> 00:02:46,830
with dr. Paul Willis this week or will

62
00:02:50,869 --> 00:02:48,870
it wigan science from our is always a

63
00:02:54,080 --> 00:02:50,879

popular segment then to round off the

64

00:02:57,319 --> 00:02:54,090

show i chat to an interesting skeptical

65

00:02:59,539 --> 00:02:57,329

guy in the UK ash price who's touring

66

00:03:02,930 --> 00:02:59,549

the UK this year were the show about

67

00:03:06,229 --> 00:03:02,940

talking to the dead oh yeah that what I

68

00:03:09,170 --> 00:03:06,239

said oh yes as price talking to the dead

69

00:03:11,089 --> 00:03:09,180

a show coming up to round off this

70

00:03:13,099 --> 00:03:11,099

week's episode of the skeptic zone also

71

00:03:16,580 --> 00:03:13,109

this week we can have some information

72

00:03:18,530 --> 00:03:16,590

about the Surf Coast skeptic camp in

73

00:03:20,690 --> 00:03:18,540

Victoria which we wish we could go to

74

00:03:22,339 --> 00:03:20,700

really very much wish I was going to be

75

00:03:24,830 --> 00:03:22,349

able to go there yeah but we'll just

76

00:03:27,050 --> 00:03:24,840

have to hear all about it I hope so I

77

00:03:29,809 --> 00:03:27,060

hope so there's a little head coming up

78

00:03:31,250 --> 00:03:29,819

but i did there such a an active lot

79

00:03:33,319 --> 00:03:31,260

down there in victoria don't you think

80

00:03:34,699 --> 00:03:33,329

the Victorian skeptics in general I mean

81

00:03:37,729 --> 00:03:34,709

there's many people in many different

82

00:03:38,809 --> 00:03:37,739

organizations skeptical in Victoria

83

00:03:40,129 --> 00:03:38,819

there's the Victorian skeptics

84

00:03:41,809 --> 00:03:40,139

themselves of course but there's all

85

00:03:43,550 --> 00:03:41,819

sorts of other groups down there doing

86

00:03:45,890 --> 00:03:43,560

all sorts of good stuff well that's all

87

00:03:47,839 --> 00:03:45,900

from us at the moment folks Joe let's

88

00:03:50,059 --> 00:03:47,849

run to the kitchen let's run downstairs

89

00:03:51,680 --> 00:03:50,069

which one downstairs I'm Brenda to get

90

00:03:53,569 --> 00:03:51,690

extra the kitchen is just over there I'm

91

00:03:54,860 --> 00:03:53,579

at your place so we can't run downstairs

92

00:03:57,199 --> 00:03:54,870

because we'll end up in your backyard

93

00:03:59,150 --> 00:03:57,209

but let's run to the kitchen get some

94

00:04:01,759 --> 00:03:59,160

nice pumpkin bread from the german

95

00:04:04,250 --> 00:04:01,769

bakery put some cheese on top and it may

96

00:04:06,949 --> 00:04:04,260

be a few pickled chilies how does that

97

00:04:11,659 --> 00:04:06,959

sound that sounds good apart from the

98

00:04:32,650 --> 00:04:11,669

chilies wow that we hope you enjoy the

99

00:04:46,850 --> 00:04:36,620

it's the raw skeptic report with Heidi

100

00:04:49,580 --> 00:04:46,860

Robertson hello everyone I say you're

101
00:04:52,790 --> 00:04:49,590
looking well it's raining on and off

102
00:04:55,220 --> 00:04:52,800
quite heavily here so you may hear that

103
00:04:57,620 --> 00:04:55,230
now and again in the background this

104
00:04:59,390 --> 00:04:57,630
week my report is centered around some

105
00:05:01,550 --> 00:04:59,400
of the more interesting first aid

106
00:05:03,890 --> 00:05:01,560
treatments for burns and what is and

107
00:05:05,900 --> 00:05:03,900
what is not backed up by evidence in

108
00:05:07,790 --> 00:05:05,910
what seems like someone else's life now

109
00:05:10,790 --> 00:05:07,800
I used to be an intensive care ambulance

110
00:05:12,740 --> 00:05:10,800
paramedic in Sydney I did that for about

111
00:05:14,360 --> 00:05:12,750
10 years getting a Bachelor of Health

112
00:05:16,910 --> 00:05:14,370
Science in pre-hospital care in the

113
00:05:18,950 --> 00:05:16,920

process and I was also lucky enough to

114

00:05:21,980 --> 00:05:18,960

score a gig as a paramedic for the

115

00:05:23,720 --> 00:05:21,990

American reality show survivor looking

116

00:05:26,150 --> 00:05:23,730

after the contestants and crew for the

117

00:05:28,910 --> 00:05:26,160

duration up to three months on set for

118

00:05:31,760 --> 00:05:28,920

each location that job took me to Brazil

119

00:05:34,790 --> 00:05:31,770

Panama Guatemala the Cook Islands and

120

00:05:37,370 --> 00:05:34,800

pull out so now I teach nationally

121

00:05:39,230 --> 00:05:37,380

accredited first aid courses when

122

00:05:41,210 --> 00:05:39,240

teaching these courses I come across

123

00:05:43,070 --> 00:05:41,220

many questions from students that are

124

00:05:45,200 --> 00:05:43,080

asking about alternative first aid

125

00:05:48,350 --> 00:05:45,210

treatments for various injuries and

126

00:05:50,360 --> 00:05:48,360

illnesses this week I'm going to report

127

00:05:53,660 --> 00:05:50,370

on the various interesting pre-hospital

128

00:05:55,160 --> 00:05:53,670

treatments I've heard for burns firstly

129

00:05:57,230 --> 00:05:55,170

let me tell you what the Australian

130

00:05:59,450 --> 00:05:57,240

resuscitation council recommends based

131

00:06:02,360 --> 00:05:59,460

on evidence for the acute management of

132

00:06:05,870 --> 00:06:02,370

burns outside of hospital the summary is

133

00:06:07,700 --> 00:06:05,880

as follows quote the Australian

134

00:06:10,100 --> 00:06:07,710

resuscitation council recommends that

135

00:06:12,620 --> 00:06:10,110

first aid should consist of cool running

136

00:06:15,290 --> 00:06:12,630

water applied as soon as possible after

137

00:06:17,600 --> 00:06:15,300

the burn injury has occurred and for 20

138

00:06:19,220 --> 00:06:17,610

minutes duration as this treatment has

139

00:06:22,280 --> 00:06:19,230

been shown to significantly reduce

140

00:06:25,730 --> 00:06:22,290

tissue damage improve wound re

141

00:06:28,610 --> 00:06:25,740

epithelial ization and decrease scarring

142

00:06:30,740 --> 00:06:28,620

I should not be applied to a burn as it

143

00:06:31,570 --> 00:06:30,750

has not been shown to promote healing

144

00:06:35,080 --> 00:06:31,580

and may

145

00:06:37,210 --> 00:06:35,090

in fact cause frostbite end quote so

146

00:06:39,610 --> 00:06:37,220

that is current best practice cool

147

00:06:42,309 --> 00:06:39,620

running water over a burn for 20 minutes

148

00:06:45,520 --> 00:06:42,319

which reduces pain limits further tissue

149

00:06:47,290 --> 00:06:45,530

damage and promotes healing most people

150

00:06:50,110 --> 00:06:47,300

do not hold the burn under running water

151

00:06:51,790 --> 00:06:50,120

for as long as 20 minutes but this is

152

00:06:55,209 --> 00:06:51,800

the optimal time in order to have the

153

00:06:57,129 --> 00:06:55,219

long-term benefits to stated the other

154

00:06:59,830 --> 00:06:57,139

major consideration in treating a burn

155

00:07:02,589 --> 00:06:59,840

is attempting to not introduce infection

156

00:07:05,350 --> 00:07:02,599

keep that in mind as you listen to the

157

00:07:07,330 --> 00:07:05,360

following the earliest known records of

158

00:07:10,420 --> 00:07:07,340

the treatment of burns comes from the

159

00:07:13,379 --> 00:07:10,430

Ebers papyrus an Egyptian medical

160

00:07:18,089 --> 00:07:13,389

papyrus of herbal treatments dating to

161

00:07:22,600 --> 00:07:18,099

1550 bc or BCE whichever you prefer in

162

00:07:24,939 --> 00:07:22,610

here is listed mud excrement oil and

163

00:07:27,820 --> 00:07:24,949

plant extracts on different days after

164

00:07:30,010 --> 00:07:27,830

the burn injury has occurred as well as

165

00:07:34,749 --> 00:07:30,020

the application of frogs boiled in oil

166

00:07:37,779 --> 00:07:34,759

or of fermenting goat down in the fourth

167

00:07:39,969 --> 00:07:37,789

century BC a Greek and Roman treatments

168

00:07:43,059 --> 00:07:39,979

included dressings infused with rendered

169

00:07:45,580 --> 00:07:43,069

pig fat resin and bitumen a mixture of

170

00:07:49,200 --> 00:07:45,590

honey and bran followed by cork and

171

00:07:54,010 --> 00:07:49,210

ashes and in the first century AD a

172

00:07:56,320 --> 00:07:54,020

lotion of wine and myrrh for burns the

173

00:07:59,860 --> 00:07:56,330

Greek physician and philosopher Galen in

174

00:08:01,990 --> 00:07:59,870

the second century AD is reported to be

175

00:08:06,070 --> 00:08:02,000

the first to advise the application of

176

00:08:08,950 --> 00:08:06,080

cold water for burn treatment so as in

177

00:08:11,890 --> 00:08:08,960

history even today many different things

178

00:08:14,079 --> 00:08:11,900

are used for burns despite the fact that

179

00:08:17,950 --> 00:08:14,089

we now know there is good evidence for

180

00:08:19,659 --> 00:08:17,960

running water and not much else burns

181

00:08:21,790 --> 00:08:19,669

can be difficult enough to treat in the

182

00:08:23,350 --> 00:08:21,800

pre-hospital environment without people

183

00:08:26,019 --> 00:08:23,360

applying home remedies prior to

184

00:08:28,029 --> 00:08:26,029

ambulance arrival let me recount a

185

00:08:30,579 --> 00:08:28,039

particular incident which describes how

186

00:08:33,880 --> 00:08:30,589

difficult a large body surface area burn

187

00:08:35,769 --> 00:08:33,890

can be to manage this particular patient

188

00:08:37,779 --> 00:08:35,779

that myself and my partner attended had

189

00:08:40,870 --> 00:08:37,789

sustained partial thickness burns from

190

00:08:43,110 --> 00:08:40,880

neck to knees as you can imagine the

191

00:08:46,350 --> 00:08:43,120

patient was in an enormous amount of

192

00:08:48,240 --> 00:08:46,360

and distress the priority was to get the

193

00:08:50,790 --> 00:08:48,250

patient under cool running water for the

194

00:08:52,470 --> 00:08:50,800

reasons already discussed but because it

195

00:08:55,650 --> 00:08:52,480

was such a large area this meant the

196

00:08:57,690 --> 00:08:55,660

shower rather than a tap cannulated a

197

00:08:59,790 --> 00:08:57,700

patient who is screaming in pain under

198

00:09:02,460 --> 00:08:59,800

cool running water these soaking the

199

00:09:04,740 --> 00:09:02,470

both of you is no easy task as the veins

200

00:09:06,960 --> 00:09:04,750

become difficult to find as a result of

201
00:09:10,019 --> 00:09:06,970
both the cold water and the patient

202
00:09:12,300 --> 00:09:10,029
going into shock thankfully cannulation

203
00:09:14,700 --> 00:09:12,310
was successful and morphine and fluids

204
00:09:16,019 --> 00:09:14,710
were administered with good effect but

205
00:09:18,060 --> 00:09:16,029
the patient was on the verge of

206
00:09:21,150 --> 00:09:18,070
hypothermia by the time we got out of

207
00:09:23,850 --> 00:09:21,160
the shower losing such a large area of

208
00:09:26,460 --> 00:09:23,860
skin and having it exposed to cool water

209
00:09:29,130 --> 00:09:26,470
for 20 minutes means that hypothermia as

210
00:09:31,140 --> 00:09:29,140
well as infection are significant

211
00:09:33,990 --> 00:09:31,150
complications and concerns for burn

212
00:09:36,600 --> 00:09:34,000
management to avoid these complications

213
00:09:38,970 --> 00:09:36,610

as best you can avoid putting the burnt

214

00:09:41,700 --> 00:09:38,980

area in a container or bath of cool

215

00:09:45,000 --> 00:09:41,710

water as these containers are generally

216

00:09:46,769 --> 00:09:45,010

not sterile for starters and if it is a

217

00:09:48,990 --> 00:09:46,779

significant burn the water will just

218

00:09:51,449 --> 00:09:49,000

heat up around the burn making that

219

00:09:53,340 --> 00:09:51,459

treatment less effective there is some

220

00:09:55,500 --> 00:09:53,350

evidence in the literature that the cool

221

00:09:57,660 --> 00:09:55,510

of the water is the more effective it

222

00:10:00,329 --> 00:09:57,670

will be especially in the case of

223

00:10:03,690 --> 00:10:00,339

smaller burns where hypothermia is not a

224

00:10:06,420 --> 00:10:03,700

concern try to run the water over just

225

00:10:09,030 --> 00:10:06,430

the burn area itself whilst keeping the

226

00:10:12,210 --> 00:10:09,040

rest of the patient warm avoid putting

227

00:10:14,730 --> 00:10:12,220

any gels or lotions on burns aloe vera

228

00:10:16,890 --> 00:10:14,740

and the like can be used for superficial

229

00:10:19,829 --> 00:10:16,900

burns such as sunburn where the skin has

230

00:10:22,920 --> 00:10:19,839

remained intact and after application of

231

00:10:24,300 --> 00:10:22,930

water so now to the strange alternative

232

00:10:28,440 --> 00:10:24,310

treatments for burns that I've come

233

00:10:30,360 --> 00:10:28,450

across firstly butter on burns many in

234

00:10:31,920 --> 00:10:30,370

my classes report their grandmother's or

235

00:10:34,440 --> 00:10:31,930

mothers using this on them when they

236

00:10:37,890 --> 00:10:34,450

were kids this treatment originated from

237

00:10:40,140 --> 00:10:37,900

a Surgeon General friedrich von s mark

238

00:10:43,500 --> 00:10:40,150

hope I haven't butchered his name too

239

00:10:45,980 --> 00:10:43,510

much in the 19th century he wrote a

240

00:10:48,150 --> 00:10:45,990

handbook on Battlefield medicine and

241

00:10:50,430 --> 00:10:48,160

recommended that burnt surfaces should

242

00:10:53,310 --> 00:10:50,440

be covered with an oil grease or butter

243

00:10:55,740 --> 00:10:53,320

the idea being to seal the burn off from

244

00:10:56,230 --> 00:10:55,750

the air keeping it clean and helping it

245

00:10:58,780 --> 00:10:56,240

to her

246

00:11:01,540 --> 00:10:58,790

all there is no evidence for the healing

247

00:11:03,160 --> 00:11:01,550

properties of butter on burns the

248

00:11:05,760 --> 00:11:03,170

coolness of the butter if it were

249

00:11:08,470 --> 00:11:05,770

refrigerated doubtful on a battlefield

250

00:11:11,320 --> 00:11:08,480

may help with pain relief but there are

251
00:11:14,860 --> 00:11:11,330
no other benefits known so please do not

252
00:11:17,050 --> 00:11:14,870
put butter on burns I can't go into as

253
00:11:19,389 --> 00:11:17,060
much detail for all the other remedies

254
00:11:21,850 --> 00:11:19,399
I've heard as there are too many and it

255
00:11:23,949 --> 00:11:21,860
would be a five hour report however i

256
00:11:26,980 --> 00:11:23,959
can say that none of the following have

257
00:11:30,850 --> 00:11:26,990
any evidence behind them here's just a

258
00:11:34,420 --> 00:11:30,860
sample toothpaste soy sauce cold yellow

259
00:11:38,050 --> 00:11:34,430
mustard vanilla extract mayonnaise milk

260
00:11:41,560 --> 00:11:38,060
peanut butter raw pork fat sliced potato

261
00:11:46,240 --> 00:11:41,570
sliced tomatoes raw onions baking soda

262
00:11:48,910 --> 00:11:46,250
sour cream vinegar hemorrhoid cream now

263
00:11:50,680 --> 00:11:48,920

I'm no Sherlock Holmes but I'm going to

264

00:11:52,630 --> 00:11:50,690

guess that all these remedies have been

265

00:11:55,150 --> 00:11:52,640

tried because many burns happen in the

266

00:11:58,240 --> 00:11:55,160

kitchen and these products are close at

267

00:12:01,120 --> 00:11:58,250

hand well hemorrhoid cream may be kept

268

00:12:03,160 --> 00:12:01,130

in the bathroom I suppose but still not

269

00:12:05,920 --> 00:12:03,170

too far away to apparently give it a

270

00:12:08,050 --> 00:12:05,930

whirl perhaps some of these have been

271

00:12:10,840 --> 00:12:08,060

perceived to be successful if they came

272

00:12:14,920 --> 00:12:10,850

straight out of the fridge again no

273

00:12:17,620 --> 00:12:14,930

evidence water is best then I came

274

00:12:19,690 --> 00:12:17,630

across this in an online forum

275

00:12:21,910 --> 00:12:19,700

describing an incident with a little

276

00:12:25,150 --> 00:12:21,920

girl who had spilled boiling tea over

277

00:12:27,430 --> 00:12:25,160

her legs quote I knew that tea tree oil

278

00:12:29,860 --> 00:12:27,440

was good for burns and since I had some

279

00:12:32,290 --> 00:12:29,870

in my bag I offered to apply some to her

280

00:12:34,360 --> 00:12:32,300

legs I had to assure my friend and

281

00:12:36,940 --> 00:12:34,370

especially her daughter that it would

282

00:12:39,670 --> 00:12:36,950

definitely be of some help they did not

283

00:12:42,280 --> 00:12:39,680

even know what tea tree oil was so they

284

00:12:44,199 --> 00:12:42,290

were hesitant but clearly anything that

285

00:12:46,360 --> 00:12:44,209

could help would be welcome because the

286

00:12:48,730 --> 00:12:46,370

girl was screaming uncontrollably at

287

00:12:51,550 --> 00:12:48,740

this point we took her out of the shower

288

00:12:53,949 --> 00:12:51,560

and dried her legs as best we could then

289

00:12:56,710 --> 00:12:53,959

I put some oil in the palm of my hand

290

00:12:59,110 --> 00:12:56,720

rubbed my hands together and rub the oil

291

00:13:01,960 --> 00:12:59,120

on her legs for a brief moment

292

00:13:03,400 --> 00:13:01,970

everything was okay but then she started

293

00:13:05,199 --> 00:13:03,410

screaming like you wouldn't believe

294

00:13:07,720 --> 00:13:05,209

saying it was hurting her

295

00:13:09,519 --> 00:13:07,730

even more admittedly I was a little

296

00:13:11,429 --> 00:13:09,529

surprised myself because I had not

297

00:13:14,230 --> 00:13:11,439

experienced a reaction like that before

298

00:13:16,600 --> 00:13:14,240

my friend was alarmed and asked me if

299

00:13:18,730 --> 00:13:16,610

that was normal I told her I'd never

300

00:13:20,799 --> 00:13:18,740

seen that type of reaction but that I

301
00:13:23,410 --> 00:13:20,809
thought it was because her legs were wet

302
00:13:25,449 --> 00:13:23,420
and her paws were open I asked her

303
00:13:27,759 --> 00:13:25,459
daughter to be patient and wait and that

304
00:13:29,619 --> 00:13:27,769
it would soon get better she tried her

305
00:13:32,439 --> 00:13:29,629
best to wait it out but she was unable

306
00:13:34,389 --> 00:13:32,449
to bear the pain at this point she was

307
00:13:37,030 --> 00:13:34,399
jumping up and down begging us to take

308
00:13:39,100 --> 00:13:37,040
it off of her I felt really bad because

309
00:13:41,049 --> 00:13:39,110
she was clearly in a lot of pain because

310
00:13:42,970 --> 00:13:41,059
of me but I didn't really know what to

311
00:13:45,480 --> 00:13:42,980
do because I thought that water would

312
00:13:48,069 --> 00:13:45,490
only push the oil deeper into her skin

313
00:13:49,809 --> 00:13:48,079

after briefly discussing it my friend

314

00:13:51,669 --> 00:13:49,819

decided to try washing it off because

315

00:13:54,429 --> 00:13:51,679

doing something was better than doing

316

00:13:57,489 --> 00:13:54,439

nothing after washing her legs off with

317

00:14:01,269 --> 00:13:57,499

soap like a much-welcomed blessing from

318

00:14:04,150 --> 00:14:01,279

God she stopped crying 23 long minutes

319

00:14:06,400 --> 00:14:04,160

and she finally stopped crying she said

320

00:14:09,730 --> 00:14:06,410

it still hurt a little but that it felt

321

00:14:11,679 --> 00:14:09,740

much better my friend took her daughter

322

00:14:12,999 --> 00:14:11,689

home and the next morning she called me

323

00:14:15,039 --> 00:14:13,009

to let me know that there was not a

324

00:14:19,739 --> 00:14:15,049

single mark on her daughter's legs It

325

00:14:24,220 --> 00:14:19,749

was as if nothing happened end quote

326

00:14:25,929 --> 00:14:24,230

again me no Sherlock but perhaps the 23

327

00:14:28,210 --> 00:14:25,939

minutes under the shower may have

328

00:14:31,559 --> 00:14:28,220

contributed to this miraculous result

329

00:14:33,819 --> 00:14:31,569

and now to the ever more frightening

330

00:14:36,850 --> 00:14:33,829

homeopathic first aid kits on the

331

00:14:39,460 --> 00:14:36,860

internet if you don't believe me take a

332

00:14:42,189 --> 00:14:39,470

look on ebay for about sixty four

333

00:14:45,429 --> 00:14:42,199

australian dollars you can get 18 small

334

00:14:47,619 --> 00:14:45,439

vials of sugar pills at a 200 C potency

335

00:14:50,739 --> 00:14:47,629

which claims to treat the following

336

00:14:54,400 --> 00:14:50,749

ailments bruises burns scolds bites

337

00:14:56,410 --> 00:14:54,410

stings sprains strains splinters wounds

338

00:14:57,850 --> 00:14:56,420

whiplash bleeding shock trauma distress

339

00:15:00,730 --> 00:14:57,860

fainting fractures concussion

340

00:15:03,100 --> 00:15:00,740

hypothermia chill sunburn heatstroke

341

00:15:06,340 --> 00:15:03,110

poisoning diarrhea and allergic reaction

342

00:15:08,559 --> 00:15:06,350

1 homeopathy website describes several

343

00:15:10,210 --> 00:15:08,569

homeopathic preparations that they claim

344

00:15:12,609 --> 00:15:10,220

are useful for the acute treatment of

345

00:15:14,650 --> 00:15:12,619

burns a worry if they are advocating

346

00:15:17,379 --> 00:15:14,660

homeopathy for burns over cool running

347

00:15:18,390 --> 00:15:17,389

water even if the preparations were

348

00:15:20,820 --> 00:15:18,400

water in

349

00:15:23,580 --> 00:15:20,830

of sugar pills I doubt that the amount

350

00:15:25,980 --> 00:15:23,590

of water in a homeopathic preparation is

351

00:15:29,520 --> 00:15:25,990

going to be sufficient to irrigate the

352

00:15:31,860 --> 00:15:29,530

burn area for 20 minutes here's one

353

00:15:35,220 --> 00:15:31,870

description of a homeopathic treatment

354

00:15:38,730 --> 00:15:35,230

for burns it's called soul quote this

355

00:15:41,820 --> 00:15:38,740

remedy is made from / 10 ties sunlight

356

00:15:44,490 --> 00:15:41,830

it is useful in sunburn both as a

357

00:15:47,160 --> 00:15:44,500

preventative in those who are extremely

358

00:15:50,730 --> 00:15:47,170

sensitive to the Sun and as well

359

00:15:53,940 --> 00:15:50,740

curative in overexposure may be useful

360

00:15:57,800 --> 00:15:53,950

reducing the amounts of UV radiation in

361

00:16:01,350 --> 00:15:57,810

the skin end quote okay here's the last

362

00:16:05,270 --> 00:16:01,360

possibly most disturbing one with thanks

363

00:16:08,490 --> 00:16:05,280

to Joe alabaster for alerting me to this

364

00:16:11,310 --> 00:16:08,500

this person calls himself the fire burn

365

00:16:14,790 --> 00:16:11,320

doctor and can be found at the website

366

00:16:17,010 --> 00:16:14,800

fire burn doctor calm he comes from a

367

00:16:20,300 --> 00:16:17,020

group of acolytes of a doctor Philippe

368

00:16:23,220 --> 00:16:20,310

Sauvage who is easily found via google

369

00:16:26,490 --> 00:16:23,230

the claim of the fire burn doctor is

370

00:16:28,920 --> 00:16:26,500

this free instant burn recovery when you

371

00:16:32,310 --> 00:16:28,930

call or text a phone number within 30

372

00:16:34,170 --> 00:16:32,320

minutes of the burn occurring so do they

373

00:16:37,860 --> 00:16:34,180

rush to your house and apply some new

374

00:16:40,200 --> 00:16:37,870

miraculous treatment no this healing is

375

00:16:43,230 --> 00:16:40,210

claimed to be done remotely over the

376

00:16:45,900 --> 00:16:43,240

phone information to be sent is the

377

00:16:48,930 --> 00:16:45,910

person's name at birth date of birth and

378

00:16:51,630 --> 00:16:48,940

place of birth or alternatively text a

379

00:16:54,480 --> 00:16:51,640

picture or any photograph of the person

380

00:16:59,640 --> 00:16:54,490

in the About section on the website is

381

00:17:02,640 --> 00:16:59,650

this quote in that computer context I

382

00:17:05,160 --> 00:17:02,650

would define myself as bio matrix hacker

383

00:17:07,470 --> 00:17:05,170

and my technique as the way to break

384

00:17:10,260 --> 00:17:07,480

into the bio fields continuum or the

385

00:17:11,910 --> 00:17:10,270

matrix that interconnects us all with

386

00:17:15,240 --> 00:17:11,920

one another and with all living

387

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

organisms ultimately like a global bio

388

00:17:20,610 --> 00:17:17,890

internet then when an individual

389

00:17:23,610 --> 00:17:20,620

computer a person is experiencing

390

00:17:26,580 --> 00:17:23,620

troubles bugs crashes or an accident as

391

00:17:29,580 --> 00:17:26,590

for instance with a burn injury all that

392

00:17:32,159 --> 00:17:29,590

I am doing is writing a specific bio

393

00:17:34,649 --> 00:17:32,169

program with appropriate bio

394

00:17:37,950 --> 00:17:34,659

algorithms to resolve and correct the

395

00:17:41,399 --> 00:17:37,960

problem then hack the bio matrix to be

396

00:17:43,440 --> 00:17:41,409

capable to upload it it will be then

397

00:17:46,529 --> 00:17:43,450

automatically downloaded to the

398

00:17:49,169 --> 00:17:46,539

individual computer the person that has

399

00:17:52,909 --> 00:17:49,179

experienced a crisis to fix the specific

400

00:17:55,919 --> 00:17:52,919

software conflict or problem end quote

401
00:17:58,349 --> 00:17:55,929
they claim to have taken away all pain

402
00:18:01,259 --> 00:17:58,359
and all traces of the burn of many

403
00:18:04,440 --> 00:18:01,269
people however on the main page of the

404
00:18:06,379 --> 00:18:04,450
website is this quote call within the

405
00:18:10,320 --> 00:18:06,389
first 30 minutes on your way to hospital

406
00:18:13,139 --> 00:18:10,330
free processing is in addition to normal

407
00:18:16,320 --> 00:18:13,149
medical procedures and is done in a

408
00:18:18,570 --> 00:18:16,330
minute end quote see what they've done

409
00:18:20,700 --> 00:18:18,580
there the patient undergoes normal

410
00:18:23,369 --> 00:18:20,710
medical procedures in the first 30

411
00:18:28,349 --> 00:18:23,379
minutes and that is the application of

412
00:18:31,349 --> 00:18:28,359
water I must also add here that a friend

413
00:18:33,810 --> 00:18:31,359

who once did our naturopathy degree told

414

00:18:37,379 --> 00:18:33,820

me that a homeopath came to speak to

415

00:18:40,979 --> 00:18:37,389

them one day and said that because in

416

00:18:45,570 --> 00:18:40,989

homeopathy like cures like one should

417

00:18:47,460 --> 00:18:45,580

apply hot water to burns apparently even

418

00:18:51,960 --> 00:18:47,470

the net chiappa these students were

419

00:18:54,239 --> 00:18:51,970

aghast at this before i go i'm going to

420

00:18:57,509 --> 00:18:54,249

shamelessly give my first-aid business

421

00:18:59,970 --> 00:18:57,519

at plug i do many corporate first aid

422

00:19:03,509 --> 00:18:59,980

training sessions if you have a group of

423

00:19:06,509 --> 00:19:03,519

10 or more people I'm so happy to come

424

00:19:08,729 --> 00:19:06,519

to Brisbane or Sydney if you're closer

425

00:19:11,239 --> 00:19:08,739

to me in the northern rivers I only need

426

00:19:14,489 --> 00:19:11,249

a minimum of three to run a course

427

00:19:18,320 --> 00:19:14,499

contact me at info at accredited first

428

00:19:22,649 --> 00:19:18,330

aid com au or take a look at my website

429

00:19:24,899 --> 00:19:22,659

accredited first aid com au thanks

430

00:19:41,159 --> 00:19:24,909

everyone bye for now

431

00:19:45,509 --> 00:19:41,169

ah summer in Australia the sand the sea

432

00:19:47,460 --> 00:19:45,519

the surf the heat the skepticism yes the

433

00:19:49,589 --> 00:19:47,470

great ocean road skeptics from the far

434

00:19:51,779 --> 00:19:49,599

south coast of Australia are bringing

435

00:19:54,119 --> 00:19:51,789

back the Surf Coast summer skeptic amp

436

00:19:57,419 --> 00:19:54,129

for the fourth year in a row this year

437

00:19:59,580 --> 00:19:57,429

this is a grassroots skeptical event in

438

00:20:01,349 --> 00:19:59,590

a small community hall in aireys inlet

439

00:20:04,320 --> 00:20:01,359

one of the most gorgeous seaside

440

00:20:06,989 --> 00:20:04,330

villages on the great ocean road so even

441

00:20:09,239 --> 00:20:06,999

got a lighthouse and everything this is

442

00:20:10,950 --> 00:20:09,249

a free event and lunch is provided it's

443

00:20:12,359 --> 00:20:10,960

an easy day trip for Melbourne or you

444

00:20:14,639 --> 00:20:12,369

can make the most of the beautiful

445

00:20:16,859 --> 00:20:14,649

location and spend the whole weekend

446

00:20:19,440 --> 00:20:16,869

soaking up the natural beauty and world

447

00:20:21,149 --> 00:20:19,450

famous beaches you can join us for a

448

00:20:23,279 --> 00:20:21,159

relaxing dinner with other skeptics at

449

00:20:26,369 --> 00:20:23,289

the local pub when the skeptic camp is

450

00:20:29,700 --> 00:20:26,379

done details can be found on our

451
00:20:31,320 --> 00:20:29,710
Eventbrite booking page or you can find

452
00:20:33,779 --> 00:20:31,330
out listing on skeptic groups of

453
00:20:35,159 --> 00:20:33,789
Victoria Facebook page if you have a

454
00:20:36,869 --> 00:20:35,169
talk you'd like to give or any other

455
00:20:39,089 --> 00:20:36,879
questions just use the contact organizer

456
00:20:40,529 --> 00:20:39,099
button on the booking page to send an

457
00:20:43,680 --> 00:20:40,539
email and we'll be back in touch with

458
00:20:46,649 --> 00:20:43,690
you in previous years we've had group

459
00:20:48,570 --> 00:20:46,659
discussions videos and talks on topics

460
00:20:51,719 --> 00:20:48,580
ranging from alternative medicine to

461
00:20:54,149 --> 00:20:51,729
local UFO mysteries so why not wander

462
00:20:57,269 --> 00:20:54,159
over to our Eventbrite booking page at

463
00:20:59,369 --> 00:20:57,279

Surf Coast summer skip de camp for and

464

00:21:00,719 --> 00:20:59,379

let us know you're coming we look

465

00:21:02,369 --> 00:21:00,729

forward to welcoming you on the

466

00:21:06,119 --> 00:21:02,379

twenty-eighth of februari in aireys

467

00:21:09,779 --> 00:21:06,129

inlet the skeptic zone is brought to you

468

00:21:13,229 --> 00:21:09,789

by dr. bob's trivia quiz visit dr. bob's

469

00:21:16,049 --> 00:21:13,239

quiz wordpress.com and see if you can

470

00:21:18,060 --> 00:21:16,059

match wits with dr. Bob well I'm here

471

00:21:20,009 --> 00:21:18,070

once again with those Steve Roberts that

472

00:21:21,810 --> 00:21:20,019

otherwise known as dr. Bob from dr.

473

00:21:24,210 --> 00:21:21,820

Bob's trivia quiz Steve were just

474

00:21:25,979 --> 00:21:24,220

talking about movies our big fan of

475

00:21:28,320 --> 00:21:25,989

movies course could movies but

476
00:21:29,969 --> 00:21:28,330
paranormal movies and psychics and

477
00:21:31,889 --> 00:21:29,979
movies what's your take on that yeah

478
00:21:33,810 --> 00:21:31,899
look um I think actually this is of

479
00:21:35,639 --> 00:21:33,820
course for a lot of belief in psychics

480
00:21:37,860 --> 00:21:35,649
that with a movie shows somebody

481
00:21:40,770 --> 00:21:37,870
predicting the future or with

482
00:21:42,360 --> 00:21:40,780
some kind of some kind of gift yeah you

483
00:21:44,430 --> 00:21:42,370
have to know that movies are fiction yes

484
00:21:49,530 --> 00:21:44,440
I kisses are there'll be a big disaster

485
00:21:51,150 --> 00:21:49,540
and only one will survive and the viewer

486
00:21:53,250 --> 00:21:51,160
sort of pockets its information of the

487
00:21:56,730 --> 00:21:53,260
plot for seeds yeah and later on there's

488
00:21:58,650 --> 00:21:56,740

a big disaster everyone survives and and

489

00:22:01,470 --> 00:21:58,660

if any of that to survive door there was

490

00:22:02,640 --> 00:22:01,480

no disaster that that clip with a

491

00:22:04,910 --> 00:22:02,650

psychic would have been a waste of the

492

00:22:07,380 --> 00:22:04,920

audience's time yeah the new protein so

493

00:22:10,020 --> 00:22:07,390

this happened it happens in Moby Dick in

494

00:22:11,820 --> 00:22:10,030

fact exactly is that the protagonist

495

00:22:13,919 --> 00:22:11,830

Ishmael is who figure out looking for a

496

00:22:16,440 --> 00:22:13,929

ship to sail on yeah and somebody pulls

497

00:22:18,540 --> 00:22:16,450

massages are don't go on the Pequod are

498

00:22:20,820 --> 00:22:18,550

out are not the people other people more

499

00:22:22,680 --> 00:22:20,830

founder and only one sort of survived to

500

00:22:24,090 --> 00:22:22,690

tell the tale and he thinks I'll blow

501
00:22:25,650 --> 00:22:24,100
that I'm going on the peak while anyway

502
00:22:27,630 --> 00:22:25,660
and sails off on the voyage and of

503
00:22:30,299 --> 00:22:27,640
course the damn thing sinks sunk by the

504
00:22:32,580 --> 00:22:30,309
whale and I'm only only he survives to

505
00:22:37,049 --> 00:22:32,590
tell the tale that's making it true yeah

506
00:22:39,390 --> 00:22:37,059
yeah otherwise why put that the audience

507
00:22:42,390 --> 00:22:39,400
thinks okay the psychic was correct yeah

508
00:22:44,880 --> 00:22:42,400
well and then TV shows to a specifically

509
00:22:46,890 --> 00:22:44,890
about things like medium the show about

510
00:22:49,049 --> 00:22:46,900
a psychic so of course it's written that

511
00:22:50,970 --> 00:22:49,059
she can see mystical things and get

512
00:22:52,560 --> 00:22:50,980
messages from the dead while the orders

513
00:22:54,120 --> 00:22:52,570

also see a mystical things seen them

514

00:22:56,160 --> 00:22:54,130

what they do you tell a lot of people

515

00:22:57,990 --> 00:22:56,170

think when they're watching a show like

516

00:22:59,790 --> 00:22:58,000

that that it's based on reality and this

517

00:23:02,060 --> 00:22:59,800

is more or less a dramatization of real

518

00:23:05,130 --> 00:23:02,070

events it's well a lot of people

519

00:23:06,810 --> 00:23:05,140

conflate real-life psychics with the

520

00:23:08,640 --> 00:23:06,820

movie saw yeah that you see who always

521

00:23:11,310 --> 00:23:08,650

right yeah so you pop I would say I'm a

522

00:23:13,650 --> 00:23:11,320

psychic Artie the psyche the film was

523

00:23:15,330 --> 00:23:13,660

right every time yes and so on a no

524

00:23:19,169 --> 00:23:15,340

something's are based on a true story

525

00:23:21,090 --> 00:23:19,179

well you kills me you know but like what

526

00:23:22,500 --> 00:23:21,100

was the famous haunting and just escaped

527

00:23:24,840 --> 00:23:22,510

at the amityville hobbit of your hollow

528

00:23:26,190 --> 00:23:24,850

based on a true story it's true that

529

00:23:29,100 --> 00:23:26,200

there was a bit of a scan in the house

530

00:23:30,930 --> 00:23:29,110

involve is a bit of a shenanigan here

531

00:23:33,600 --> 00:23:30,940

and there but some the people who bought

532

00:23:36,120 --> 00:23:33,610

the house after the the movie one moved

533

00:23:37,799 --> 00:23:36,130

out found nothing wrong with us all yeah

534

00:23:40,320 --> 00:23:37,809

you can probably get it cheaply now I

535

00:23:42,150 --> 00:23:40,330

don't know it all plots of fiction hello

536

00:23:44,430 --> 00:23:42,160

suddenly predict something and usually

537

00:23:47,280 --> 00:23:44,440

it comes to part is some ironic way yeah

538

00:23:48,810 --> 00:23:47,290

otherwise 11 horror movie or somebody

539

00:23:50,340 --> 00:23:48,820

had his head cut off there was a vision

540

00:23:51,450 --> 00:23:50,350

there's a photograph of sunny with a

541

00:23:52,950 --> 00:23:51,460

line across

542

00:23:54,630 --> 00:23:52,960

cutting his head off in the photo yeah

543

00:23:57,360 --> 00:23:54,640

by excellent do we thought I bet that

544

00:23:58,500 --> 00:23:57,370

guy gets his head penfield sure enough

545

00:24:00,630 --> 00:23:58,510

he's walking down the street thinking

546

00:24:03,029 --> 00:24:00,640

there must avoid sharp things in ER and

547

00:24:05,130 --> 00:24:03,039

a lorry carrying a sheet of glass

548

00:24:08,810 --> 00:24:05,140

crashes and the sheet of glass flies off

549

00:24:11,940 --> 00:24:08,820

and slices his head off Oh anything ah

550

00:24:13,980 --> 00:24:11,950

thanks you see if they hadn't show that

551
00:24:16,380 --> 00:24:13,990
if that wasn't in the film that picture

552
00:24:19,380 --> 00:24:16,390
with a head lined off a little bit away

553
00:24:20,909 --> 00:24:19,390
from Toyota and on the flip side I don't

554
00:24:22,289 --> 00:24:20,919
know if you saw a movie some years back

555
00:24:24,570 --> 00:24:22,299
four or five years ago called the

556
00:24:28,710 --> 00:24:24,580
skeptic I actually SAT through it it was

557
00:24:30,779 --> 00:24:28,720
pretty dire but of course I want the not

558
00:24:33,139 --> 00:24:30,789
to spoil the plot people if you haven't

559
00:24:35,880 --> 00:24:33,149
seen it but it's not such a great movie

560
00:24:37,799 --> 00:24:35,890
Hughes on the skeptic I'm the skeptic he

561
00:24:39,570 --> 00:24:37,809
was a bit of a stereotypical cartoon

562
00:24:41,250 --> 00:24:39,580
black and white skeptic and of course

563
00:24:43,740 --> 00:24:41,260

he's shown to be wrong I mean they're so

564

00:24:45,269 --> 00:24:43,750

predictable oh well if you're shown to

565

00:24:48,389 --> 00:24:45,279

be roll the best thing they just fess up

566

00:24:51,570 --> 00:24:48,399

and say okay I know but it but you know

567

00:24:54,060 --> 00:24:51,580

he showing him to be wrong it the movie

568

00:24:56,310 --> 00:24:54,070

point movie make some supernatural thing

569

00:24:58,049 --> 00:24:56,320

right you see all this silly skeptic he

570

00:24:59,549 --> 00:24:58,059

got his comeuppance in the other they

571

00:25:01,529 --> 00:24:59,559

leave it well in that case there must

572

00:25:03,060 --> 00:25:01,539

must be a ghost sales idea look it's

573

00:25:05,070 --> 00:25:03,070

been so long since I saw the movie and I

574

00:25:06,690 --> 00:25:05,080

was pretty impressed but that was the

575

00:25:09,360 --> 00:25:06,700

gist oh there's a very good woody allen

576

00:25:11,970 --> 00:25:09,370

movie about a year ago or on this theme

577

00:25:13,769 --> 00:25:11,980

oh yes the guy who was a career skeptic

578

00:25:14,970 --> 00:25:13,779

that's right based on income of the name

579

00:25:17,639 --> 00:25:14,980

james randi and richard dawkins

580

00:25:19,500 --> 00:25:17,649

conflated together and he's a skeptic a

581

00:25:21,659 --> 00:25:19,510

tease our guns and ears his comeuppance

582

00:25:23,820 --> 00:25:21,669

and somebody know stuff about him yeah

583

00:25:26,279 --> 00:25:23,830

which turns out to be a plot done by his

584

00:25:29,460 --> 00:25:26,289

friends just to make him be wrong but

585

00:25:31,440 --> 00:25:29,470

yeah yeah I mean but the movie skeptics

586

00:25:34,440 --> 00:25:31,450

of betrayed is usually being arrogant

587

00:25:36,060 --> 00:25:34,450

and they'll be wrong somehow and yeah

588

00:25:37,500 --> 00:25:36,070

waiting for their comeuppance that I

589

00:25:40,080 --> 00:25:37,510

guess it wouldn't they would make a

590

00:25:42,269 --> 00:25:40,090

movie about someone like a Randy or

591

00:25:44,070 --> 00:25:42,279

whatever where you know going in with a

592

00:25:46,649 --> 00:25:44,080

genuinely open mind seeing what there is

593

00:25:48,149 --> 00:25:46,659

but always finding thus far that all

594

00:25:50,940 --> 00:25:48,159

claims don't live up to their promise

595

00:25:54,450 --> 00:25:50,950

well that's really work in a field of um

596

00:25:56,430 --> 00:25:54,460

preposterous claims we do if you were in

597

00:25:58,409 --> 00:25:56,440

a homicide did it field of scientific

598

00:26:00,269 --> 00:25:58,419

type well that's different then

599

00:26:01,680 --> 00:26:00,279

sometimes we'd be well and well years

600

00:26:03,499 --> 00:26:01,690

you wouldn't pontificate on those claims

601
00:26:05,820 --> 00:26:03,509
you look for evidence just it yeah

602
00:26:08,219 --> 00:26:05,830
but if somebody says I can bend spoons

603
00:26:10,139 --> 00:26:08,229
you know the first question you would

604
00:26:13,079 --> 00:26:10,149
ask is what can we see you do it and

605
00:26:16,079 --> 00:26:13,089
that comes reply oh I can't do it if

606
00:26:18,029 --> 00:26:16,089
there's a skeptic and easy I think the

607
00:26:19,769 --> 00:26:18,039
only invisible spoons or so only when

608
00:26:21,810 --> 00:26:19,779
cameras aren't really good which is a

609
00:26:24,119 --> 00:26:21,820
true excuse i heard i went to a

610
00:26:26,249 --> 00:26:24,129
paranormal convention earlier last year

611
00:26:28,499 --> 00:26:26,259
with may not in fact and one of the

612
00:26:32,279 --> 00:26:28,509
topics was poltergeist and the guy

613
00:26:34,619 --> 00:26:32,289

seriously said words long the words the

614

00:26:35,879 --> 00:26:34,629

effect oh it's known that poltergeists

615

00:26:38,700 --> 00:26:35,889

don't operate when there's cameras

616

00:26:40,499 --> 00:26:38,710

running good real supposing those

617

00:26:41,969 --> 00:26:40,509

cameras secretly running what happens

618

00:26:43,619 --> 00:26:41,979

then I mean you're clever those

619

00:26:46,019 --> 00:26:43,629

poltergeists they know these things all

620

00:26:48,899 --> 00:26:46,029

I can see it can they see anything

621

00:26:51,629 --> 00:26:48,909

something useful then lady oh yeah great

622

00:26:54,239 --> 00:26:51,639

to catch up with you again that dr. Bob

623

00:26:56,940 --> 00:26:54,249

from dr. Bob news quiz steve roberts and

624

00:26:58,499 --> 00:26:56,950

google dr. bob's trivia quiz have a go

625

00:27:00,779 --> 00:26:58,509

right in come up with some interesting

626

00:27:02,759 --> 00:27:00,789

answers and oh i must thank you very

627

00:27:04,440 --> 00:27:02,769

much i sent down a copy of the

628

00:27:06,599 --> 00:27:04,450

vaccination chronicles DVD to you down

629

00:27:08,009 --> 00:27:06,609

in the only way are based and you got

630

00:27:09,659 --> 00:27:08,019

busy and made lots of copies yeah i

631

00:27:11,070 --> 00:27:09,669

sported a few copies off it i think

632

00:27:14,849 --> 00:27:11,080

there are skeptics meeting engageable

633

00:27:16,979 --> 00:27:14,859

y-yeah a DVD and it seemed to views with

634

00:27:19,529 --> 00:27:16,989

them as you know you made it you know it

635

00:27:21,570 --> 00:27:19,539

gives people who have or have not been

636

00:27:23,339 --> 00:27:21,580

vaccinated yeah yeah the ones who have

637

00:27:25,950 --> 00:27:23,349

not generally did so we don't see much

638

00:27:27,690 --> 00:27:25,960

of those might um and you know stories

639

00:27:29,489 --> 00:27:27,700

about around vaccination then leave it

640

00:27:31,139 --> 00:27:29,499

he's give it away free and yeah yeah

641

00:27:33,060 --> 00:27:31,149

yeah yeah anybody can like The Skeptical

642

00:27:35,009 --> 00:27:33,070

cinema send them a free copy whether if

643

00:27:37,680 --> 00:27:35,019

they just go to the skipper's own

644

00:27:39,749 --> 00:27:37,690

website desk if it's on TV and you can

645

00:27:42,119 --> 00:27:39,759

download each other uh well you can you

646

00:27:44,279 --> 00:27:42,129

it's free on YouTube of course but the

647

00:27:46,049 --> 00:27:44,289

DVD itself with all the extra features

648

00:27:48,749 --> 00:27:46,059

extra interviews and many languages

649

00:27:50,519 --> 00:27:48,759

itself yeah you can buy it for twelve

650

00:27:52,529 --> 00:27:50,529

dollars that simply covers production

651
00:27:54,810 --> 00:27:52,539
and heritage anywhere in the world yeah

652
00:27:57,389 --> 00:27:54,820
and once you get it then it's your job

653
00:27:59,519 --> 00:27:57,399
to copy it and copy yeah away copy it

654
00:28:01,649 --> 00:27:59,529
really is popular anyway good to catch

655
00:28:03,359 --> 00:28:01,659
up with you again Steve Roberts and

656
00:28:07,079 --> 00:28:03,369
thanks for coming by your level Richard

657
00:28:10,469 --> 00:28:07,089
cheers hey Kenny oh hi Tom I save this

658
00:28:11,810 --> 00:28:10,479
park yeah yes great weather oh look a

659
00:28:13,520 --> 00:28:11,820
unicorn you

660
00:28:16,700 --> 00:28:13,530
corn there are no such things as

661
00:28:18,890 --> 00:28:16,710
unicorns silly yes there is no there

662
00:28:21,130 --> 00:28:18,900
isn't hey guys what are you arguing

663
00:28:24,170 --> 00:28:21,140

about tom thinks unicorns are real

664

00:28:27,320 --> 00:28:24,180

thanks so are let's look us up in the

665

00:28:29,030 --> 00:28:27,330

skeptics dictionary now what how can we

666

00:28:30,710 --> 00:28:29,040

do this in this bar there is the

667

00:28:32,420 --> 00:28:30,720

computer here you guys probably don't

668

00:28:35,480 --> 00:28:32,430

know about the skeptics dictionary app

669

00:28:39,410 --> 00:28:35,490

available now for iPhone iPad and iPod

670

00:28:40,970 --> 00:28:39,420

touch in the App Store Wow cool the app

671

00:28:43,190 --> 00:28:40,980

lets you access all of the great

672

00:28:45,740 --> 00:28:43,200

skeptics dictionary articles when you're

673

00:28:48,500 --> 00:28:45,750

on the go here let me look up unicorns

674

00:28:51,020 --> 00:28:48,510

not cool Kenny prepare to be proven

675

00:28:55,160 --> 00:28:51,030

wrong it says here the Unicorn is a

676
00:28:56,420 --> 00:28:55,170
creature from fables aha actually I see

677
00:28:59,030 --> 00:28:56,430
now that someone just dumped their ice

678
00:29:04,310 --> 00:28:59,040
cream cone on that horse's head thanks

679
00:29:07,460 --> 00:29:04,320
skeptics dictionary iphone app welcome

680
00:29:10,400 --> 00:29:07,470
to a week in science from RI oz bringing

681
00:29:12,620 --> 00:29:10,410
you the science you need to know they're

682
00:29:14,750 --> 00:29:12,630
some of the world's most active frequent

683
00:29:17,570 --> 00:29:14,760
flyers clocking up more air miles than

684
00:29:25,160 --> 00:29:17,580
most humans let's fly away with some

685
00:29:27,860 --> 00:29:25,170
amazing migratory birds the bird with

686
00:29:30,650 --> 00:29:27,870
the longest migration is the Arctic Tern

687
00:29:33,710 --> 00:29:30,660
clocking up an incredible 40,000

688
00:29:36,470 --> 00:29:33,720

kilometers in each direction the arctic

689

00:29:39,170 --> 00:29:36,480

tern breeds in arctic regions including

690

00:29:41,690 --> 00:29:39,180

russia and Greenland then migrates to

691

00:29:43,640 --> 00:29:41,700

feeding grounds in Antarctica they

692

00:29:46,070 --> 00:29:43,650

return to the north for the next

693

00:29:48,770 --> 00:29:46,080

breeding season often returning to the

694

00:29:51,500 --> 00:29:48,780

same location or even the same colony in

695

00:29:54,590 --> 00:29:51,510

which they were born this routing means

696

00:29:58,310 --> 00:29:54,600

the average bird travels around 70,000

697

00:30:01,100 --> 00:29:58,320

kilometers per year scaled for size the

698

00:30:04,550 --> 00:30:01,110

longest migration is by the 25 gram

699

00:30:07,220 --> 00:30:04,560

northern whittier these tiny birds can

700

00:30:10,610 --> 00:30:07,230

migrate around 30,000 kilometers each

701
00:30:13,680 --> 00:30:10,620
year from alaska to sub-saharan africa

702
00:30:18,629 --> 00:30:16,320
that's a long journey but they do stop

703
00:30:21,539 --> 00:30:18,639
for rest food and sleep along the way

704
00:30:24,539 --> 00:30:21,549
the record non-stop flight was by the

705
00:30:27,990 --> 00:30:24,549
bar tailed godwit which was tracked

706
00:30:30,950 --> 00:30:28,000
flying without a rest from Alaska across

707
00:30:33,600 --> 00:30:30,960
the Pacific Ocean to New Zealand this

708
00:30:36,210 --> 00:30:33,610
unbelievable flight was eleven thousand

709
00:30:39,509 --> 00:30:36,220
six hundred kilometers and took nine

710
00:30:41,700 --> 00:30:39,519
days to sleep the bird shut down half

711
00:30:44,580 --> 00:30:41,710
its brain at a time and the energy

712
00:30:47,399 --> 00:30:44,590
demand was huge losing half its body

713
00:30:49,529 --> 00:30:47,409

weight during the flight researchers

714

00:30:51,710 --> 00:30:49,539

think the bird navigated using the Sun

715

00:30:53,789 --> 00:30:51,720

during the day and the stars at night

716

00:30:56,009 --> 00:30:53,799

meaning they would have had to account

717

00:30:58,230 --> 00:30:56,019

for the rotation of the sky in both

718

00:31:04,639 --> 00:30:58,240

northern and southern hemispheres and

719

00:31:10,740 --> 00:31:08,159

to migrate long distances birds must be

720

00:31:14,249 --> 00:31:10,750

able to carry fuel but fuel capacity

721

00:31:16,470 --> 00:31:14,259

reduces with body size so most migratory

722

00:31:19,560 --> 00:31:16,480

birds are less than 1 kilogram in mass

723

00:31:22,320 --> 00:31:19,570

to minimize drag migratory bird wings

724

00:31:25,259 --> 00:31:22,330

are generally long and slender and their

725

00:31:28,080 --> 00:31:25,269

body streamlined birds can navigate

726

00:31:30,119 --> 00:31:28,090

using the Sun and stars but also the

727

00:31:32,430 --> 00:31:30,129

magnetic fields of the earth and the

728

00:31:35,430 --> 00:31:32,440

terrain and layout of the land and even

729

00:31:37,320 --> 00:31:35,440

smell migratory birds are starting to be

730

00:31:40,139 --> 00:31:37,330

threatened by development along their

731

00:31:42,810 --> 00:31:40,149

migration paths reducing food and

732

00:31:45,269 --> 00:31:42,820

shelter that's it for this a week in

733

00:31:47,340 --> 00:31:45,279

science for more information on bird

734

00:31:51,600 --> 00:31:47,350

migrations fly over to the orioles

735

00:31:55,379 --> 00:31:51,610

website are I au s dot org dot a you

736

00:31:58,200 --> 00:31:55,389

follow us on twitter at our iOS and like

737

00:32:10,070 --> 00:31:58,210

us on facebook i'm paul willis and we'll

738

00:32:15,289 --> 00:32:13,580

and joining me now from that wonderful

739

00:32:18,590 --> 00:32:15,299

city up there in Scotland the place I

740

00:32:21,320 --> 00:32:18,600

love to visit when I can Edinburgh it's

741

00:32:23,750 --> 00:32:21,330

the skeptical entertainer ash price

742

00:32:26,690 --> 00:32:23,760

hello ash hi Richard how are you I'm

743

00:32:28,610 --> 00:32:26,700

really well how Scotland these days um a

744

00:32:31,220 --> 00:32:28,620

little sunnier than you might expect for

745

00:32:32,930 --> 00:32:31,230

this time of year really hmm yeah it's

746

00:32:34,370 --> 00:32:32,940

quite quite bright and shining I

747

00:32:36,080 --> 00:32:34,380

actually went out with sunglasses on the

748

00:32:39,470 --> 00:32:36,090

other day I know it's a sign of the end

749

00:32:41,720 --> 00:32:39,480

times it is that sounds a bit spooky and

750

00:32:44,960 --> 00:32:41,730

we can use that as a really bad segue to

751
00:32:46,970 --> 00:32:44,970
talk about your upcoming tour which is

752
00:32:50,570 --> 00:32:46,980
called and here's oh here's a title for

753
00:32:52,279 --> 00:32:50,580
your folks how to talk to the dead what

754
00:32:56,180 --> 00:32:52,289
can you tell us about this bizarre

755
00:32:58,100 --> 00:32:56,190
sounding show well talking to the dead

756
00:33:00,169 --> 00:32:58,110
is itself quite an easy thing to do

757
00:33:02,690 --> 00:33:00,179
getting them to talk back is where the

758
00:33:04,580 --> 00:33:02,700
problem comes in and that's this very

759
00:33:07,759 --> 00:33:04,590
much where this show comes in it's going

760
00:33:10,220 --> 00:33:07,769
to be looking at mainly a Victorian an

761
00:33:11,899 --> 00:33:10,230
early 20th century spirit and mediumship

762
00:33:13,370 --> 00:33:11,909
communication it's going to be looking

763
00:33:15,200 --> 00:33:13,380

at the history of that it's going to

764

00:33:16,129 --> 00:33:15,210

involve some practical demonstrations

765

00:33:18,620 --> 00:33:16,139

and quite a lot of audience

766

00:33:21,279 --> 00:33:18,630

participation so it's kind of a mix of a

767

00:33:24,110 --> 00:33:21,289

of a skeptics talk with a entertainment

768

00:33:26,299 --> 00:33:24,120

magic and comedy good heavens that

769

00:33:29,029 --> 00:33:26,309

sounds that sounds fascinating and so

770

00:33:31,100 --> 00:33:29,039

it's basically and is it a comedy show

771

00:33:33,320 --> 00:33:31,110

isn't it is it entertaining is it their

772

00:33:36,769 --> 00:33:33,330

educational how would you describe it

773

00:33:38,149 --> 00:33:36,779

it's kind of a mixture I would I

774

00:33:41,180 --> 00:33:38,159

originally want it when it was first

775

00:33:43,639 --> 00:33:41,190

created it was very much a a very

776

00:33:46,610 --> 00:33:43,649

straightforward skeptics talk on on the

777

00:33:48,200 --> 00:33:46,620

debunking of spirit communication and

778

00:33:49,580 --> 00:33:48,210

its kind of developed over the past

779

00:33:51,289 --> 00:33:49,590

couple of years to its current form

780

00:33:54,710 --> 00:33:51,299

which is very much an entertainment show

781

00:33:57,320 --> 00:33:54,720

with a skeptical angle right right so it

782

00:33:59,090 --> 00:33:57,330

really is covering the history of what

783

00:34:01,639 --> 00:33:59,100

we call spirituals are more talking to

784

00:34:03,169 --> 00:34:01,649

the didn't that sort of thing yeah so

785

00:34:04,820 --> 00:34:03,179

you look at all that but but you also

786

00:34:07,519 --> 00:34:04,830

throw in a lot of other things here I'm

787

00:34:09,889 --> 00:34:07,529

just glancing at your the website which

788

00:34:11,839 --> 00:34:09,899

we'll get to in a moment were you you're

789

00:34:13,879 --> 00:34:11,849

talking about the show so you cover such

790

00:34:17,089 --> 00:34:13,889

things as Ouija boards and spirit slates

791

00:34:18,919 --> 00:34:17,099

and spirit communications stopping

792

00:34:20,210 --> 00:34:18,929

pulses now always film find that

793

00:34:22,070 --> 00:34:20,220

interesting do you do something like

794

00:34:23,320 --> 00:34:22,080

that in the show um I do give it a

795

00:34:25,950 --> 00:34:23,330

demonstration yes

796

00:34:29,410 --> 00:34:25,960

though reports of of many faq is

797

00:34:31,420 --> 00:34:29,420

performing stock pulse demonstrations so

798

00:34:33,190 --> 00:34:31,430

I kind of I mix that in with my

799

00:34:34,990 --> 00:34:33,200

ectoplasm demonstration so I kind of

800

00:34:36,730 --> 00:34:35,000

give this is little routine rice I'm

801
00:34:38,770 --> 00:34:36,740
going to bring forth some actor plays on

802
00:34:39,820 --> 00:34:38,780
my knees go into a trance to do so so

803
00:34:41,410 --> 00:34:39,830
some things going to join me on the

804
00:34:43,780 --> 00:34:41,420
stage if you take my pulse please and

805
00:34:45,190 --> 00:34:43,790
we'll well I might have to go into this

806
00:34:48,550 --> 00:34:45,200
trance state i can bring up the

807
00:34:51,460 --> 00:34:48,560
ectoplasm so that's that's where that

808
00:34:53,170 --> 00:34:51,470
part comes in good heavens that bed

809
00:34:55,360 --> 00:34:53,180
sounds like it said that there should be

810
00:34:57,130 --> 00:34:55,370
a quite something to see what what's the

811
00:34:59,320 --> 00:34:57,140
reaction you get when you do this sort

812
00:35:01,330 --> 00:34:59,330
of stuff i mean our audience they

813
00:35:02,590 --> 00:35:01,340

lawrence's are they generally would you

814

00:35:04,980 --> 00:35:02,600

do you get some people in the audience

815

00:35:07,030 --> 00:35:04,990

who are horrified or do you get people

816

00:35:09,610 --> 00:35:07,040

complaining bitterly about what you're

817

00:35:11,590 --> 00:35:09,620

doing I've never had anyone bitterly

818

00:35:13,990 --> 00:35:11,600

complained because the show's had its

819

00:35:15,850 --> 00:35:14,000

life on the Edinburgh Fringe it means

820

00:35:18,340 --> 00:35:15,860

that the the audience potential audience

821

00:35:20,170 --> 00:35:18,350

coming to see it is a little wider than

822

00:35:22,690 --> 00:35:20,180

what I've had what I you know when I do

823

00:35:24,430 --> 00:35:22,700

a normal skeptics and pub chug so I've

824

00:35:26,680 --> 00:35:24,440

had a variety of different people come

825

00:35:28,030 --> 00:35:26,690

in and you can always tell who the

826

00:35:29,650 --> 00:35:28,040

believers in the power normal are

827

00:35:30,940 --> 00:35:29,660

because there's one specific point in

828

00:35:32,470 --> 00:35:30,950

the show where they always get up and

829

00:35:33,730 --> 00:35:32,480

leave and it's the point where I call

830

00:35:36,520 --> 00:35:33,740

people on stage to do a Ouija board

831

00:35:38,320 --> 00:35:36,530

demonstration and oh really yeah it's

832

00:35:40,270 --> 00:35:38,330

quite interesting i've had people leave

833

00:35:44,020 --> 00:35:40,280

quite a few times at that exact moment

834

00:35:45,520 --> 00:35:44,030

in the show i l first time happened i

835

00:35:47,200 --> 00:35:45,530

thought i might do something wrong here

836

00:35:48,940 --> 00:35:47,210

am i not big entertaining enough and

837

00:35:50,980 --> 00:35:48,950

then when it when it started to happen

838

00:35:52,960 --> 00:35:50,990

at the same point and several different

839

00:35:54,190 --> 00:35:52,970

shows I had kind of realized oh that's

840

00:35:56,260 --> 00:35:54,200

that's what's happening that it's the

841

00:35:58,780 --> 00:35:56,270

Ouija board because people still do

842

00:36:00,850 --> 00:35:58,790

actively believe the Ouija board is ave

843

00:36:02,170 --> 00:36:00,860

dangerous deadly device and that's

844

00:36:04,510 --> 00:36:02,180

that's something that's kind of been

845

00:36:08,010 --> 00:36:04,520

spread by by the Christian Church that

846

00:36:10,030 --> 00:36:08,020

the Ouija board is this satanic way of

847

00:36:12,190 --> 00:36:10,040

communicating with the other sign you're

848

00:36:14,440 --> 00:36:12,200

letting demons and demonic forces

849

00:36:18,070 --> 00:36:14,450

through in you are in danger if you use

850

00:36:20,380 --> 00:36:18,080

it good grief because I've in fact

851
00:36:22,120 --> 00:36:20,390
disabled behind me under covered here

852
00:36:24,340 --> 00:36:22,130
I've got my very own Ouija board which I

853
00:36:27,250 --> 00:36:24,350
don't get out often I must admit but a

854
00:36:29,920 --> 00:36:27,260
couple of months ago listeners to the

855
00:36:31,330 --> 00:36:29,930
skeptical zone will remember our reporter

856
00:36:33,250 --> 00:36:31,340
main arden our friend ilithia and

857
00:36:36,490 --> 00:36:33,260
myself went on a ghost adventure a ghost

858
00:36:38,620 --> 00:36:36,500
tour to a graveyard where the organized

859
00:36:41,350 --> 00:36:38,630
is were busily pouring over the wig

860
00:36:44,200 --> 00:36:41,360
board and yeah it was a fascinating

861
00:36:46,090 --> 00:36:44,210
experience I must admit but as you and I

862
00:36:47,590 --> 00:36:46,100
know you know we certainly know these

863
00:36:50,110 --> 00:36:47,600

science behind the with you I wouldn't

864

00:36:52,060 --> 00:36:50,120

the ideomotor action but I'm I'm a

865

00:36:54,280 --> 00:36:52,070

little surprised that people would

866

00:36:57,400 --> 00:36:54,290

actually walk out were in fear I wonder

867

00:37:01,960 --> 00:36:57,410

well that's that's it I mean I've only

868

00:37:04,330 --> 00:37:01,970

really been called out by someone once

869

00:37:06,760 --> 00:37:04,340

and is a a woman who was a spiritualist

870

00:37:08,410 --> 00:37:06,770

and she she did while I was given the

871

00:37:10,150 --> 00:37:08,420

demonstration I was explaining the

872

00:37:12,040 --> 00:37:10,160

ideomotor effect i'll explain how it

873

00:37:16,270 --> 00:37:12,050

happened she started laughing and she

874

00:37:18,880 --> 00:37:16,280

very loudly and vocally called out that

875

00:37:21,100 --> 00:37:18,890

no no no it is genuine it is real ly i

876

00:37:24,730 --> 00:37:21,110

have seen it and obviously because i'm

877

00:37:25,990 --> 00:37:24,740

in a in a show environment um ill don't

878

00:37:27,880 --> 00:37:26,000

want to get into an argument or debate

879

00:37:30,850 --> 00:37:27,890

i'm happy to kind of address people's

880

00:37:33,550 --> 00:37:30,860

concerns and people's criticisms but she

881

00:37:35,050 --> 00:37:33,560

was very very vocal on it but to her

882

00:37:39,790 --> 00:37:35,060

credit she did stay until the end of the

883

00:37:41,890 --> 00:37:39,800

show she didn't tip though she did she

884

00:37:44,260 --> 00:37:41,900

didn't did but she did you tip a table

885

00:37:45,970 --> 00:37:44,270

that's the question and unfortunately

886

00:37:48,430 --> 00:37:45,980

don't i don't actually include table

887

00:37:49,660 --> 00:37:48,440

tipping in this I I do a table

888

00:37:53,230 --> 00:37:49,670

levitation routine with us for

889

00:37:54,970 --> 00:37:53,240

demonstration purpose I did consider

890

00:37:56,770 --> 00:37:54,980

including table tipping but the show is

891

00:37:58,030 --> 00:37:56,780

starting to get too long so though there

892

00:37:59,500 --> 00:37:58,040

are things I really did want to include

893

00:38:01,630 --> 00:37:59,510

in the show that I've not been able to

894

00:38:04,660 --> 00:38:01,640

though I kind of cut back a right it

895

00:38:06,870 --> 00:38:04,670

turns into a 90-minute show and I want

896

00:38:08,740 --> 00:38:06,880

to try and keep it to just under an hour

897

00:38:10,360 --> 00:38:08,750

alright well like that that's

898

00:38:12,850 --> 00:38:10,370

understandable so it sounds like you do

899

00:38:15,850 --> 00:38:12,860

you do cover a lot of bases in there do

900

00:38:17,680 --> 00:38:15,860

you sort of bring it up right up to date

901
00:38:22,750 --> 00:38:17,690
and talk about the modern phenomenon of

902
00:38:24,400 --> 00:38:22,760
the stage psychics who talked to a huge

903
00:38:27,100 --> 00:38:24,410
audience and somehow look like they're

904
00:38:29,500 --> 00:38:27,110
contacting the dead that'll really

905
00:38:31,180 --> 00:38:29,510
depends on how quickly the shows going I

906
00:38:33,280 --> 00:38:31,190
did originally have it scheduled as a

907
00:38:35,110 --> 00:38:33,290
part of the show I I looked at things

908
00:38:38,170 --> 00:38:35,120
like cold reading and hot reading on

909
00:38:40,660 --> 00:38:38,180
stage demonstrations but because of

910
00:38:44,410 --> 00:38:40,670
where it has to go in the show em it it

911
00:38:48,490 --> 00:38:44,420
has a habit sometimes interfering with

912
00:38:49,930 --> 00:38:48,500
flug interesting yeah because it's a

913
00:38:51,430 --> 00:38:49,940

section that needs to

914

00:38:53,890 --> 00:38:51,440

towards the end why do talk a little bit

915

00:38:57,940 --> 00:38:53,900

about modern smoke communication very

916

00:38:59,230 --> 00:38:57,950

briefly mainly things like EVP and some

917

00:39:02,260 --> 00:38:59,240

of the ghost hunting device that are

918

00:39:04,150 --> 00:39:02,270

used so in that section I did talk a

919

00:39:06,130 --> 00:39:04,160

little bit about spirit communication on

920

00:39:08,349 --> 00:39:06,140

stage in a more modern setting but I

921

00:39:11,440 --> 00:39:08,359

found that it started to detract from

922

00:39:14,530 --> 00:39:11,450

the overall flow and so now I kind of

923

00:39:16,150 --> 00:39:14,540

keep that back for if as a QA I can kind

924

00:39:18,609 --> 00:39:16,160

of go into a little bit more I tell then

925

00:39:21,120 --> 00:39:18,619

I suppose in a sense that could be its

926

00:39:24,490 --> 00:39:21,130

very own show one day based on the more

927

00:39:27,099 --> 00:39:24,500

modern methods yeah absolutely i'm also

928

00:39:29,200 --> 00:39:27,109

I I do include a lot more detail on

929

00:39:30,730 --> 00:39:29,210

spoke communication in a show called how

930

00:39:34,030 --> 00:39:30,740

to be a psychic con man which is the

931

00:39:35,589 --> 00:39:34,040

sister show home to this one right which

932

00:39:37,839 --> 00:39:35,599

I'm hoping hopefully performing again

933

00:39:38,710 --> 00:39:37,849

later in the year but that I talked

934

00:39:40,000 --> 00:39:38,720

about it a little bit more in there

935

00:39:41,559 --> 00:39:40,010

because I talk about things like

936

00:39:44,020 --> 00:39:41,569

astrology as well and Barnum statements

937

00:39:48,099 --> 00:39:44,030

and so that has my turn a natural segue

938

00:39:50,290 --> 00:39:48,109

into cold reading and stage stage

939

00:39:53,650 --> 00:39:50,300

mediumship because it's kind of in that

940

00:39:54,849 --> 00:39:53,660

same ball park area so I some of the

941

00:39:56,050 --> 00:39:54,859

reason why I've not gone into in too

942

00:39:58,510 --> 00:39:56,060

much detail in the house talk to the

943

00:40:01,150 --> 00:39:58,520

dead so I didn't want to end up doubling

944

00:40:02,920 --> 00:40:01,160

you an audience it's interesting because

945

00:40:06,180 --> 00:40:02,930

a lot of people especially in my circles

946

00:40:09,130 --> 00:40:06,190

are very interested in the more modern

947

00:40:11,079 --> 00:40:09,140

guys of this talking to the dead the

948

00:40:14,530 --> 00:40:11,089

television psychic and the stage psychic

949

00:40:16,420 --> 00:40:14,540

and so on but the the history offered

950

00:40:19,329 --> 00:40:16,430

and in especially in the Victorian era

951
00:40:20,740 --> 00:40:19,339
and the séances we might say and all

952
00:40:22,930 --> 00:40:20,750
that sort of stuff is is so fascinating

953
00:40:25,510 --> 00:40:22,940
what what is it about that especially

954
00:40:28,210 --> 00:40:25,520
that caught your imagination I think

955
00:40:33,339 --> 00:40:28,220
it's the very theatrical nature of it

956
00:40:34,660 --> 00:40:33,349
i'm i'm a former by trade and so I've

957
00:40:36,099 --> 00:40:34,670
always been interested in performance

958
00:40:38,200 --> 00:40:36,109
styles and when I started getting

959
00:40:39,730 --> 00:40:38,210
interesting skepticism it was the power

960
00:40:41,589 --> 00:40:39,740
normal area that really interested me

961
00:40:43,240 --> 00:40:41,599
the most and I started getting them

962
00:40:46,480 --> 00:40:43,250
interested in magic as well as all that

963
00:40:48,309 --> 00:40:46,490

really merged together and I found

964

00:40:50,130 --> 00:40:48,319

myself really very very interested in

965

00:40:52,900 --> 00:40:50,140

Victorian séances in early 20th century

966

00:40:55,599 --> 00:40:52,910

seances and mediumship and so that's

967

00:40:57,609 --> 00:40:55,609

kind of where that all came from and

968

00:40:59,890 --> 00:40:57,619

it's just it's the theatrical nature of

969

00:41:01,870 --> 00:40:59,900

it and you don't really see seances like

970

00:41:03,190 --> 00:41:01,880

that anymore but you know you don't see

971

00:41:05,550 --> 00:41:03,200

them with a whole Saturday

972

00:41:08,140 --> 00:41:05,560

in the dark and levitating objects and

973

00:41:10,359 --> 00:41:08,150

spit full on spirit possessions with

974

00:41:12,339 --> 00:41:10,369

ectoplasm flowing out of all of the

975

00:41:14,200 --> 00:41:12,349

orifices and it's just a very very

976

00:41:16,900 --> 00:41:14,210

theatrical nature of it that really

977

00:41:19,089 --> 00:41:16,910

interested me yeah I think ectoplasm is

978

00:41:20,920 --> 00:41:19,099

sort of had its days of fat don't you

979

00:41:24,099 --> 00:41:20,930

yeah i think it was it was popular in

980

00:41:28,089 --> 00:41:24,109

the in the 30s and 40s it was quite

981

00:41:30,640 --> 00:41:28,099

popular i think the last well-known

982

00:41:34,480 --> 00:41:30,650

medium to to really employ it was Helen

983

00:41:37,089 --> 00:41:34,490

Duncan in the 1940s but yeah there's a

984

00:41:38,680 --> 00:41:37,099

very very short period of time I think

985

00:41:41,680 --> 00:41:38,690

it's because people very very quickly

986

00:41:43,569 --> 00:41:41,690

discovered how it was done and it's got

987

00:41:45,579 --> 00:41:43,579

easy methods of communicating it by the

988

00:41:46,870 --> 00:41:45,589

thirties and forties so I think it kind

989

00:41:49,120 --> 00:41:46,880

of disappeared very quickly which is a

990

00:41:50,770 --> 00:41:49,130

from a performance aspect is a bit of a

991

00:41:54,339 --> 00:41:50,780

shame because it's actually a wonderful

992

00:41:55,870 --> 00:41:54,349

if disgusting thing to see and edinboro

993

00:41:57,130 --> 00:41:55,880

such a wonderful place that is so full

994

00:41:58,900 --> 00:41:57,140

of history and there's so many good

995

00:42:01,060 --> 00:41:58,910

skeptics up there what can you tell me

996

00:42:03,520 --> 00:42:01,070

about The Skeptical seen in Edinburgh

997

00:42:05,920 --> 00:42:03,530

generally so very very active actually

998

00:42:08,410 --> 00:42:05,930

edameh skeptics was the first skeptical

999

00:42:10,569 --> 00:42:08,420

group of the modern age anyway that was

1000

00:42:13,540 --> 00:42:10,579

a start in Scotland I started that back

1001
00:42:15,700 --> 00:42:13,550
in 2009 quite active a few years in it

1002
00:42:17,530 --> 00:42:15,710
and since I've kind of step back as i

1003
00:42:19,750 --> 00:42:17,540
work on more by my theatre main

1004
00:42:21,790 --> 00:42:19,760
statement side of things it's really

1005
00:42:25,390 --> 00:42:21,800
really grown they're very very very

1006
00:42:27,250 --> 00:42:25,400
active edameh skeptics alone to a lot

1007
00:42:29,790 --> 00:42:27,260
each year they have the fringe I'm each

1008
00:42:32,079 --> 00:42:29,800
year where they do three full weeks of

1009
00:42:34,000 --> 00:42:32,089
skeptics in the pub style talks every

1010
00:42:37,540 --> 00:42:34,010
single day of the fringe which is a

1011
00:42:39,309 --> 00:42:37,550
massive massive undertaking basically

1012
00:42:41,910 --> 00:42:39,319
doing two years worth of skeptics in the

1013
00:42:44,559 --> 00:42:41,920

pub over the course of three weeks

1014

00:42:47,140 --> 00:42:44,569

sounds too good to be true oh it's it's

1015

00:42:48,790 --> 00:42:47,150

fantastic absolutely wonderful and we've

1016

00:42:50,980 --> 00:42:48,800

had some great speakers going along with

1017

00:42:53,109 --> 00:42:50,990

hope you like AC Grayling's come along

1018

00:42:55,329 --> 00:42:53,119

to give talks or as we've had Richard

1019

00:42:56,440 --> 00:42:55,339

Wiseman Chris French a lot of New Berlin

1020

00:42:59,950 --> 00:42:56,450

come along has been absolutely wonderful

1021

00:43:02,589 --> 00:42:59,960

and outside of that there's they have

1022

00:43:04,120 --> 00:43:02,599

monthly meetings there's monthly book

1023

00:43:06,910 --> 00:43:04,130

clubs they have a monthly discussion and

1024

00:43:09,130 --> 00:43:06,920

debate group they have social outing so

1025

00:43:10,870 --> 00:43:09,140

it's very very very active and then

1026

00:43:12,760 --> 00:43:10,880

there's also a lot of interconnected

1027

00:43:14,980 --> 00:43:12,770

groups as well so you have the humanists

1028

00:43:16,990 --> 00:43:14,990

you have the student humanists and you

1029

00:43:19,210 --> 00:43:17,000

also have the 14 society which

1030

00:43:21,970 --> 00:43:19,220

although dealing with more well 14

1031

00:43:24,040 --> 00:43:21,980

issues is of interest quite a few of the

1032

00:43:25,420 --> 00:43:24,050

skeptics I myself being interested in

1033

00:43:27,550 --> 00:43:25,430

the paranormal supernatural do

1034

00:43:30,790 --> 00:43:27,560

occasionally go across to the 40 in

1035

00:43:32,050 --> 00:43:30,800

meetings so there's a lot to do and with

1036

00:43:33,550 --> 00:43:32,060

Edinburgh being the center of the

1037

00:43:36,580 --> 00:43:33,560

Scottish enlightenment as well it's just

1038

00:43:39,070 --> 00:43:36,590

such a wonderful city and it's great

1039

00:43:41,200 --> 00:43:39,080

that it's so active in skepticism that's

1040

00:43:43,000 --> 00:43:41,210

fantastic yeah I do lovely city I love

1041

00:43:45,940 --> 00:43:43,010

to visit I gave a talk there a couple of

1042

00:43:48,280 --> 00:43:45,950

years ago which was just a thrill to be

1043

00:43:51,010 --> 00:43:48,290

able to talk to the n brew skeptics it

1044

00:43:52,510 --> 00:43:51,020

was a wonderful place so that's the word

1045

00:43:54,310 --> 00:43:52,520

people if you're in Scotland you for an

1046

00:43:56,590 --> 00:43:54,320

Edinburgh check out the local skeptical

1047

00:43:58,900 --> 00:43:56,600

scene there i'll put a link on to the

1048

00:44:00,370 --> 00:43:58,910

show notes for this episode but ash I'm

1049

00:44:02,320 --> 00:44:00,380

getting back to your tour I'm just

1050

00:44:05,200 --> 00:44:02,330

scanning your website once again you're

1051

00:44:08,230 --> 00:44:05,210

going to be a very busy entertainer

1052

00:44:12,070 --> 00:44:08,240

you're in Newcastle in Maine as well as

1053

00:44:16,420 --> 00:44:12,080

Kadath as well as Lester as well as York

1054

00:44:18,880 --> 00:44:16,430

as well as Leeds and then in June you're

1055

00:44:23,230 --> 00:44:18,890

in bath and then Portsmouth and then

1056

00:44:24,910 --> 00:44:23,240

worthing Bedford Aberdeen Cambridge it

1057

00:44:27,520 --> 00:44:24,920

goes on and on and on yeah where can

1058

00:44:30,790 --> 00:44:27,530

people go to find out about your turn to

1059

00:44:32,260 --> 00:44:30,800

catch your show well the best place to

1060

00:44:35,890 --> 00:44:32,270

find out about the information of the

1061

00:44:37,450 --> 00:44:35,900

show is my website ash price co uk if

1062

00:44:39,990 --> 00:44:37,460

for whatever reason that's not working

1063

00:44:42,160 --> 00:44:40,000

so I'm in the process of switching over

1064

00:44:44,080 --> 00:44:42,170

servers at the moment I'm getting a

1065

00:44:46,180 --> 00:44:44,090

fully functional website you can also

1066

00:44:48,700 --> 00:44:46,190

check out on my blog Ashley James Price

1067

00:44:51,430 --> 00:44:48,710

dot wordpress com and that's in both

1068

00:44:52,510 --> 00:44:51,440

cases is price with why and so all the

1069

00:44:55,810 --> 00:44:52,520

information is on there and actually

1070

00:44:57,460 --> 00:44:55,820

there's more dates being added there's

1071

00:45:00,460 --> 00:44:57,470

about three more dates that I need to be

1072

00:45:03,100 --> 00:45:00,470

heading to the to the list it is and

1073

00:45:04,780 --> 00:45:03,110

it's actually it's it's now covering as

1074

00:45:07,500 --> 00:45:04,790

a northern ireland date that's added so

1075

00:45:10,840 --> 00:45:07,510

it's it's covering all fours of the UK

1076

00:45:12,790 --> 00:45:10,850

so that's just fantastic because as I

1077

00:45:15,250 --> 00:45:12,800

scan down the website now it just goes

1078

00:45:16,900 --> 00:45:15,260

on and on and on until October mm-hm so

1079

00:45:19,150 --> 00:45:16,910

yeah that's that's really good to see

1080

00:45:23,470 --> 00:45:19,160

absolutely what a pity Sydney isn't on

1081

00:45:25,990 --> 00:45:23,480

that list yet mmm yes well um if I if we

1082

00:45:27,490 --> 00:45:26,000

can find a easy way for me to get there

1083

00:45:29,570 --> 00:45:27,500

I'm more than happy to come and visit

1084

00:45:32,360 --> 00:45:29,580

the Australian

1085

00:45:34,610 --> 00:45:32,370

summer that's not a bad idea you know

1086

00:45:37,280 --> 00:45:34,620

ash I might have a word with a few

1087

00:45:39,230 --> 00:45:37,290

people but under then Ashley price ash

1088

00:45:41,000 --> 00:45:39,240

price thanks again for joining us on the

1089

00:45:43,910 --> 00:45:41,010

skeptic sound and all the best with the

1090

00:45:45,800 --> 00:45:43,920

tour and who knows maybe one day we can

1091

00:46:00,710 --> 00:45:45,810

see it here in Australia thanks having

1092

00:46:03,140 --> 00:46:00,720

me did you see that UFO sighting that

1093

00:46:04,820 --> 00:46:03,150

made the news what did that latest study

1094

00:46:07,250 --> 00:46:04,830

about alternative treatments really say

1095

00:46:10,220 --> 00:46:07,260

is this photo making the rounds real or

1096

00:46:12,080 --> 00:46:10,230

hoax doubtful news is a unique website

1097

00:46:14,240 --> 00:46:12,090

featuring news about pseudoscience the

1098

00:46:15,940 --> 00:46:14,250

paranormal anomalies and questionable

1099

00:46:18,890 --> 00:46:15,950

claims framed with the skeptical view

1100

00:46:20,650 --> 00:46:18,900

come visit doubtful newscom every day

1101

00:46:24,380 --> 00:46:20,660

for news about cryptozoology

1102

00:46:27,290 --> 00:46:24,390

conspiracies shams scams and more follow

1103

00:46:28,850 --> 00:46:27,300

us on twitter at doubtful news critical

1104

00:46:31,130 --> 00:46:28,860

thinking is essential in assessing

1105

00:46:48,190 --> 00:46:31,140

today's news duffel news helps you

1106

00:46:53,300 --> 00:46:50,600

thank you for listening to the skeptics

1107

00:46:56,090 --> 00:46:53,310

on Joe alabaster who has been my co-host

1108

00:46:58,160 --> 00:46:56,100

this week what a what a frightening

1109

00:47:00,380 --> 00:46:58,170

report from Heidi Robertson at the top

1110

00:47:01,940 --> 00:47:00,390

of the show it is frightening it's

1111

00:47:03,290 --> 00:47:01,950

really concerning some of the things

1112

00:47:05,630 --> 00:47:03,300

that people think are appropriate for

1113

00:47:07,700 --> 00:47:05,640

treating burns it really is Thank You

1114

00:47:11,270 --> 00:47:07,710

Heidi for that report are very important

1115

00:47:12,800 --> 00:47:11,280

report I thought and Joe oh I Joe I hope

1116

00:47:15,350 --> 00:47:12,810

we can have some more evidence please

1117

00:47:17,240 --> 00:47:15,360

from you in the coming weeks well given

1118

00:47:20,120 --> 00:47:17,250

that you said please Richard I think

1119

00:47:21,530 --> 00:47:20,130

that that could be a thing yet I just

1120

00:47:24,350 --> 00:47:21,540

like to actually take the opportunity to

1121

00:47:26,720 --> 00:47:24,360

say thank you to people on Twitter who

1122

00:47:28,700 --> 00:47:26,730

have given me messages after they've

1123

00:47:30,560 --> 00:47:28,710

listened to my reports and the zone in

1124

00:47:32,060 --> 00:47:30,570

general it's really interesting to get

1125

00:47:34,310 --> 00:47:32,070

your feedback and I appreciate it very

1126
00:47:37,880 --> 00:47:34,320
much and what's your Twitter handle Joe

1127
00:47:40,970 --> 00:47:37,890
at Joe alabaster and your website is

1128
00:47:43,220 --> 00:47:40,980
evidence please don't net very easy to

1129
00:47:44,870 --> 00:47:43,230
remember folks and yes thank you for

1130
00:47:49,250 --> 00:47:44,880
your feedback and of course people can

1131
00:47:51,109 --> 00:47:49,260
visit the skeptic zone Facebook and the

1132
00:47:54,170 --> 00:47:51,119
website and the website and your website

1133
00:47:56,780 --> 00:47:54,180
which has just been revamped wwk pegs on

1134
00:47:58,820 --> 00:47:56,790
TV check it out it's a lot slicker it's

1135
00:48:01,040 --> 00:47:58,830
a lot more easy to find things on the

1136
00:48:03,710 --> 00:48:01,050
website now and we've added a shop and

1137
00:48:05,270 --> 00:48:03,720
if I might give a personal plug it all

1138
00:48:07,010 --> 00:48:05,280

goes to help the zone I've put up lots

1139

00:48:08,510 --> 00:48:07,020

of origami posters because I've been

1140

00:48:10,040 --> 00:48:08,520

doing origami for years I've written

1141

00:48:12,170 --> 00:48:10,050

lots of books about it and DVDs and

1142

00:48:14,420 --> 00:48:12,180

things I've made a range of origami

1143

00:48:16,250 --> 00:48:14,430

posters featuring Pegasus and elephants

1144

00:48:20,150 --> 00:48:16,260

and birds and all sorts of things hi

1145

00:48:22,550 --> 00:48:20,160

sorry o mine are you ouo once the

1146

00:48:25,160 --> 00:48:22,560

elephant's birds oh my oh I see very

1147

00:48:27,590 --> 00:48:25,170

funny Joella basma um so check it out

1148

00:48:29,240 --> 00:48:27,600

you can buy those posters and and I

1149

00:48:31,280 --> 00:48:29,250

think they look great in kids rooms and

1150

00:48:33,550 --> 00:48:31,290

schools and things like that and your

1151

00:48:36,770 --> 00:48:33,560

kids have something they do indeed oh

1152

00:48:38,570 --> 00:48:36,780

well Joe I'm going to have another

1153

00:48:39,770 --> 00:48:38,580

coffee why I'm enjoying your company up

1154

00:48:41,390 --> 00:48:39,780

here in the Blue Mountains and then I'll

1155

00:48:43,849 --> 00:48:41,400

have to take the train back down to

1156

00:48:45,530 --> 00:48:43,859

Sydney there are beautiful views to be

1157

00:48:47,540 --> 00:48:45,540

seen on the way done but it is a long

1158

00:48:50,150 --> 00:48:47,550

ride it is a bit of a long ride but

1159

00:48:52,670 --> 00:48:50,160

really enjoyable until next week this is

1160

00:48:55,040 --> 00:48:52,680

Richard Saunders and Joe alabaster

1161

00:48:59,440 --> 00:48:55,050

signing off from the Blue Mountains here

1162

00:49:05,599 --> 00:49:01,849

you've been listening to the skeptics

1163

00:49:08,569 --> 00:49:05,609

own podcast visit our website at WCA

1164

00:49:12,470 --> 00:49:08,579

pegs on TV for contacts and archive of

1165

00:49:15,140 --> 00:49:12,480

all episodes since 2008 and our online

1166

00:49:17,829 --> 00:49:15,150

store please support the skeptic zone by

1167

00:49:20,839 --> 00:49:17,839

following us on twitter at skeptic zone

1168

00:49:23,900 --> 00:49:20,849

liking us on facebook and leaving a

1169

00:49:26,779 --> 00:49:23,910

review on iTunes you can also show your

1170

00:49:30,259 --> 00:49:26,789

support by subscribing via paypal for as

1171

00:49:32,599 --> 00:49:30,269

little as 99 cents a week the skeptic

1172

00:49:34,279 --> 00:49:32,609

zone is an independent production the

1173

00:49:36,380 --> 00:49:34,289

views and opinions expressed on the

1174

00:49:39,069 --> 00:49:36,390

skeptic zone and not necessarily those

1175

00:49:48,739 --> 00:49:39,079

of Australian skeptically or any other

1176

00:49:53,489 --> 00:49:51,930

then it's dr. Baba a good friend dr.

1177

00:49:59,069 --> 00:49:53,499

Steve Roberts who's the sponsor of the

1178

00:50:04,140 --> 00:49:59,079

show he's going to be talking about bad

1179

00:50:07,739 --> 00:50:04,150

birds yep cockatoos look at them all

1180

00:50:09,029 --> 00:50:07,749

holy mackerel yeah be invaded oh when

1181

00:50:11,640 --> 00:50:09,039

they go straight over the house it's

1182

00:50:15,359 --> 00:50:11,650

quite amazing so we don't get plane

1183

00:50:26,309 --> 00:50:15,369

noise here but we get birds they were

1184

00:50:29,309 --> 00:50:26,319

shut up no they won't yeah all right all

1185

00:50:31,319 --> 00:50:29,319

right dr. Bell dr. up and after that