

1
00:00:05,929 --> 00:00:13,699
welcome to the skeptic zone the podcast

2
00:00:09,119 --> 00:00:13,699
from Australia for science and reason

3
00:00:22,160 --> 00:00:28,039
hello and welcome to the skeptic zone

4
00:00:24,839 --> 00:00:31,230
episode number 331 for the 22nd of every

5
00:00:28,039 --> 00:00:33,870
2015 richardsaunders here with you from

6
00:00:31,230 --> 00:00:36,658
the Blue Mountains in Australia because

7
00:00:33,869 --> 00:00:39,030
I'm lucky I'm visiting our reporter you

8
00:00:36,658 --> 00:00:42,238
know us so well from evidence please Joe

9
00:00:39,030 --> 00:00:44,129
alabaster hello Joe hello Richard hello

10
00:00:42,238 --> 00:00:45,719
yes I'm so happy to come up here today

11
00:00:44,128 --> 00:00:47,099
to visit you course we've been talking

12
00:00:45,719 --> 00:00:49,738
about the show going over this week's

13
00:00:47,100 --> 00:00:52,439
episode are a few bits of housekeeping

14
00:00:49,738 --> 00:00:55,049
and things like that and thank you for

15
00:00:52,439 --> 00:00:57,119
hosting the show last week that was an

16
00:00:55,049 --> 00:00:58,738
absolute pleasure it's a lot of fun well

17
00:00:57,119 --> 00:01:01,709
I'm glad you enjoyed it I hope you'll do

18
00:00:58,738 --> 00:01:03,899
it again sometime it's a possibility but

19
00:01:01,710 --> 00:01:05,250
enough of this banter Joe alabaster

20
00:01:03,899 --> 00:01:06,929
enough of this band of what's coming up

21
00:01:05,250 --> 00:01:08,759
on this week's show we're going to kick

22
00:01:06,929 --> 00:01:10,200
off with the raw skeptic report with

23
00:01:08,759 --> 00:01:13,170
Heidi Robertson and what a great

24
00:01:10,200 --> 00:01:14,368
reporter she is she is indeed I'm really

25
00:01:13,170 --> 00:01:16,379
really glad that we've got her on board

26
00:01:14,368 --> 00:01:19,049
it's funny now because she's known as

27
00:01:16,379 --> 00:01:22,109
the new reporter and you used to be the

28
00:01:19,049 --> 00:01:24,569
new reporter but now you're just the

29

00:01:22,109 --> 00:01:26,429
reporter a seasoned reporter oh sorry a

30
00:01:24,569 --> 00:01:28,409
seasoned report it will Heidi yes cheese

31
00:01:26,429 --> 00:01:29,879
on you reported the raw skeptic as we

32
00:01:28,409 --> 00:01:32,519
call it because her first report was

33
00:01:29,879 --> 00:01:35,818
about raw milk and she's not living it

34
00:01:32,519 --> 00:01:37,469
down no she's not she's active what an

35
00:01:35,819 --> 00:01:39,899
interesting report she's giving us this

36
00:01:37,469 --> 00:01:43,170
week she's using her expertise in a

37
00:01:39,899 --> 00:01:47,368
former life as a paramedic mmm to talk

38
00:01:43,170 --> 00:01:50,009
about burns first aid for band's first

39
00:01:47,368 --> 00:01:52,429
aid burns and some of the weird and

40
00:01:50,009 --> 00:01:55,978
wacky and downright dangerous

41
00:01:52,429 --> 00:01:58,109
alternative remedies and treatments for

42
00:01:55,978 --> 00:01:59,250
burns so folks some good advice coming

43
00:01:58,109 --> 00:02:01,019

up at the top of the show with the raw

44

00:01:59,250 --> 00:02:03,420

skeptic and the war skeptic report with

45

00:02:01,019 --> 00:02:05,848

Heidi Robertson and after that we chat

46

00:02:03,420 --> 00:02:08,729

with dr. Steve Roberts also known as dr.

47

00:02:05,849 --> 00:02:10,618

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

48

00:02:08,729 --> 00:02:13,050

going to give us his insights and

49

00:02:10,618 --> 00:02:15,209

opinions on psychics in the movies and

50

00:02:13,050 --> 00:02:18,060

on TV have you ever seen those psychic

51

00:02:15,209 --> 00:02:20,759

shows like medium general I have indeed

52

00:02:18,060 --> 00:02:22,739

I've also seen a reality TV show which

53

00:02:20,759 --> 00:02:26,098

involves some psychics and there was

54

00:02:22,739 --> 00:02:27,959

some guy on it oh oh yeah his name I

55

00:02:26,098 --> 00:02:29,399

tried to watch an episode of that but I

56

00:02:27,959 --> 00:02:33,689

had to give up honestly idea though

57

00:02:29,400 --> 00:02:34,620

absolute rubbish oh geez got me we'll

58
00:02:33,689 --> 00:02:36,329
find out more

59
00:02:34,620 --> 00:02:37,950
steve roberts coming up a little a bit

60
00:02:36,330 --> 00:02:43,260
later on and then what's next after that

61
00:02:37,949 --> 00:02:46,829
Joe I'm getting an RI oz weekend service

62
00:02:43,259 --> 00:02:48,870
with dr. Paul Willis this week or will

63
00:02:46,830 --> 00:02:50,879
it wigan science from our is always a

64
00:02:48,870 --> 00:02:54,090
popular segment then to round off the

65
00:02:50,878 --> 00:02:57,328
show i chat to an interesting skeptical

66
00:02:54,090 --> 00:02:59,549
guy in the UK ash price who's touring

67
00:02:57,329 --> 00:03:02,939
the UK this year were the show about

68
00:02:59,549 --> 00:03:06,239
talking to the dead oh yeah that what I

69
00:03:02,939 --> 00:03:09,180
said oh yes as price talking to the dead

70
00:03:06,239 --> 00:03:11,099
a show coming up to round off this

71
00:03:09,180 --> 00:03:13,109
week's episode of the skeptic zone also

72
00:03:11,098 --> 00:03:16,589
this week we can have some information

73
00:03:13,109 --> 00:03:18,540
about the Surf Coast skeptic camp in

74
00:03:16,590 --> 00:03:20,700
Victoria which we wish we could go to

75
00:03:18,539 --> 00:03:22,348
really very much wish I was going to be

76
00:03:20,699 --> 00:03:24,839
able to go there yeah but we'll just

77
00:03:22,348 --> 00:03:27,060
have to hear all about it I hope so I

78
00:03:24,840 --> 00:03:29,819
hope so there's a little head coming up

79
00:03:27,060 --> 00:03:31,259
but i did there such a an active lot

80
00:03:29,818 --> 00:03:33,328
down there in victoria don't you think

81
00:03:31,259 --> 00:03:34,709
the Victorian skeptics in general I mean

82
00:03:33,329 --> 00:03:37,739
there's many people in many different

83
00:03:34,709 --> 00:03:38,819
organizations skeptical in Victoria

84
00:03:37,739 --> 00:03:40,139
there's the Victorian skeptics

85
00:03:38,818 --> 00:03:41,818
themselves of course but there's all

86

00:03:40,139 --> 00:03:43,560
sorts of other groups down there doing

87
00:03:41,818 --> 00:03:45,899
all sorts of good stuff well that's all

88
00:03:43,560 --> 00:03:47,848
from us at the moment folks Joe let's

89
00:03:45,900 --> 00:03:50,069
run to the kitchen let's run downstairs

90
00:03:47,848 --> 00:03:51,689
which one downstairs I'm Brenda to get

91
00:03:50,068 --> 00:03:53,578
extra the kitchen is just over there I'm

92
00:03:51,689 --> 00:03:54,870
at your place so we can't run downstairs

93
00:03:53,579 --> 00:03:57,209
because we'll end up in your backyard

94
00:03:54,870 --> 00:03:59,159
but let's run to the kitchen get some

95
00:03:57,209 --> 00:04:01,769
nice pumpkin bread from the german

96
00:03:59,159 --> 00:04:04,259
bakery put some cheese on top and it may

97
00:04:01,769 --> 00:04:06,959
be a few pickled chillies how does that

98
00:04:04,259 --> 00:04:11,668
sound that sounds good apart from the

99
00:04:06,959 --> 00:04:14,359
chillies wow that we hope you enjoy the

100
00:04:11,669 --> 00:04:14,359

skeptic sign

101

00:04:32,660 --> 00:04:46,860

it's the raw skeptic report with Heidi

102

00:04:36,629 --> 00:04:49,589

Robertson hello everyone I say you're

103

00:04:46,860 --> 00:04:52,800

looking well it's raining on and off

104

00:04:49,589 --> 00:04:55,229

quite heavily here so you may hear that

105

00:04:52,800 --> 00:04:57,629

now and again in the background this

106

00:04:55,230 --> 00:04:59,400

week my report is centered around some

107

00:04:57,629 --> 00:05:01,560

of the more interesting first aid

108

00:04:59,399 --> 00:05:03,899

treatments for burns and what is and

109

00:05:01,560 --> 00:05:05,910

what is not backed up by evidence in

110

00:05:03,899 --> 00:05:07,799

what seems like someone else's life now

111

00:05:05,910 --> 00:05:10,800

I used to be an intensive care ambulance

112

00:05:07,800 --> 00:05:12,750

paramedic in Sydney I did that for about

113

00:05:10,800 --> 00:05:14,370

10 years getting a Bachelor of Health

114

00:05:12,750 --> 00:05:16,920

Science in pre-hospital care in the

115
00:05:14,370 --> 00:05:18,959
process and I was also lucky enough to

116
00:05:16,920 --> 00:05:21,990
score a gig as a paramedic for the

117
00:05:18,959 --> 00:05:23,729
American reality show survivor looking

118
00:05:21,990 --> 00:05:26,160
after the contestants and crew for the

119
00:05:23,730 --> 00:05:28,920
duration up to three months on set for

120
00:05:26,160 --> 00:05:31,770
each location that job took me to Brazil

121
00:05:28,920 --> 00:05:34,800
Panama Guatemala the Cook Islands and

122
00:05:31,769 --> 00:05:37,379
pull out so now I teach nationally

123
00:05:34,800 --> 00:05:39,240
accredited first aid courses when

124
00:05:37,379 --> 00:05:41,219
teaching these courses I come across

125
00:05:39,240 --> 00:05:43,079
many questions from students that are

126
00:05:41,220 --> 00:05:45,210
asking about alternative first date

127
00:05:43,079 --> 00:05:48,359
treatments for various injuries and

128
00:05:45,209 --> 00:05:50,370
illnesses this week I'm going to report

129
00:05:48,360 --> 00:05:53,670
on the various interesting pre-hospital

130
00:05:50,370 --> 00:05:55,170
treatments I've heard for burns firstly

131
00:05:53,670 --> 00:05:57,240
let me tell you what the Australian

132
00:05:55,170 --> 00:05:59,460
resuscitation council recommends based

133
00:05:57,240 --> 00:06:02,370
on evidence for the acute management of

134
00:05:59,459 --> 00:06:05,879
burns outside of hospital the summary is

135
00:06:02,370 --> 00:06:07,709
as follows quote the Australian

136
00:06:05,879 --> 00:06:10,110
resuscitation council recommends that

137
00:06:07,709 --> 00:06:12,629
first aid should consist of cool running

138
00:06:10,110 --> 00:06:15,300
water applied as soon as possible after

139
00:06:12,629 --> 00:06:17,610
the burn injury has occurred and for 20

140
00:06:15,300 --> 00:06:19,230
minutes duration as this treatment has

141
00:06:17,610 --> 00:06:22,290
been shown to significantly reduce

142
00:06:19,230 --> 00:06:25,740
tissue damage improve wound re

143

00:06:22,290 --> 00:06:28,620
epithelial ization and decrease scarring

144
00:06:25,740 --> 00:06:30,750
I should not be applied to a burn as it

145
00:06:28,620 --> 00:06:31,579
has not been shown to promote healing

146
00:06:30,750 --> 00:06:35,089
and may

147
00:06:31,579 --> 00:06:37,219
in fact cause frostbite end quote so

148
00:06:35,089 --> 00:06:39,619
that is current best practice cool

149
00:06:37,220 --> 00:06:42,319
running water over a burn for 20 minutes

150
00:06:39,620 --> 00:06:45,530
which reduces pain limits further tissue

151
00:06:42,319 --> 00:06:47,300
damage and promotes healing most people

152
00:06:45,529 --> 00:06:50,119
do not hold the burn under running water

153
00:06:47,300 --> 00:06:51,800
for as long as 20 minutes but this is

154
00:06:50,120 --> 00:06:55,218
the optimal time in order to have the

155
00:06:51,800 --> 00:06:57,139
long-term benefits to stated the other

156
00:06:55,218 --> 00:06:59,839
major consideration in treating a burn

157
00:06:57,139 --> 00:07:02,598

is attempting to not introduce infection

158

00:06:59,839 --> 00:07:05,359

keep that in mind as you listen to the

159

00:07:02,598 --> 00:07:07,339

following the earliest known records of

160

00:07:05,360 --> 00:07:10,430

the treatment of burns comes from the

161

00:07:07,339 --> 00:07:13,388

Ebers papyrus an Egyptian medical

162

00:07:10,430 --> 00:07:18,098

papyrus of herbal treatments dating to

163

00:07:13,389 --> 00:07:22,610

1550 bc or BCE whichever you prefer in

164

00:07:18,098 --> 00:07:24,949

here is listed mud excrement oil and

165

00:07:22,610 --> 00:07:27,830

plant extracts on different days after

166

00:07:24,949 --> 00:07:30,020

the burn injury has occurred as well as

167

00:07:27,829 --> 00:07:34,758

the application of frogs boiled in oil

168

00:07:30,019 --> 00:07:37,788

or of fermenting goat down in the fourth

169

00:07:34,759 --> 00:07:39,979

century BC a Greek and Roman treatments

170

00:07:37,788 --> 00:07:43,068

included dressings infused with rendered

171

00:07:39,978 --> 00:07:45,589

pig fat resin and bitumen a mixture of

172
00:07:43,069 --> 00:07:49,210
honey and bran followed by cork and

173
00:07:45,589 --> 00:07:54,019
ashes and in the first century AD a

174
00:07:49,209 --> 00:07:56,329
lotion of wine and myrrh for burns the

175
00:07:54,019 --> 00:07:59,870
Greek physician and philosopher Galen in

176
00:07:56,329 --> 00:08:02,000
the second century AD is reported to be

177
00:07:59,870 --> 00:08:06,079
the first to advise the application of

178
00:08:02,000 --> 00:08:08,959
cold water for burn treatment so as in

179
00:08:06,079 --> 00:08:11,899
history even today many different things

180
00:08:08,959 --> 00:08:14,088
are used for burns despite the fact that

181
00:08:11,899 --> 00:08:17,959
we now know there is good evidence for

182
00:08:14,088 --> 00:08:19,668
running water and not much else burns

183
00:08:17,959 --> 00:08:21,799
can be difficult enough to treat in the

184
00:08:19,668 --> 00:08:23,359
pre-hospital environment without people

185
00:08:21,800 --> 00:08:26,028
applying home remedies prior to

186
00:08:23,360 --> 00:08:28,038
ambulance arrival let me recount a

187
00:08:26,028 --> 00:08:30,588
particular incident which describes how

188
00:08:28,038 --> 00:08:33,889
difficult a large body surface area burn

189
00:08:30,588 --> 00:08:35,778
can be to manage this particular patient

190
00:08:33,889 --> 00:08:37,788
that myself and my partner attended had

191
00:08:35,778 --> 00:08:40,879
sustained partial thickness burns from

192
00:08:37,788 --> 00:08:43,120
neck to knees as you can imagine the

193
00:08:40,879 --> 00:08:46,360
patient was in an enormous amount of

194
00:08:43,120 --> 00:08:48,250
and distress the priority was to get the

195
00:08:46,360 --> 00:08:50,800
patient under cool running water for the

196
00:08:48,250 --> 00:08:52,480
reasons already discussed but because it

197
00:08:50,799 --> 00:08:55,659
was such a large area this meant the

198
00:08:52,480 --> 00:08:57,700
shower rather than a tap cannulated a

199
00:08:55,659 --> 00:08:59,799
patient who is screaming in pain under

200

00:08:57,700 --> 00:09:02,470
cool running water these soaking the

201
00:08:59,799 --> 00:09:04,750
both of you is no easy task as the veins

202
00:09:02,470 --> 00:09:06,970
become difficult to find as a result of

203
00:09:04,750 --> 00:09:10,028
both the cold water and the patient

204
00:09:06,970 --> 00:09:12,310
going into shock thankfully cannulation

205
00:09:10,028 --> 00:09:14,710
was successful and morphine and fluids

206
00:09:12,309 --> 00:09:16,028
were administered with good effect but

207
00:09:14,710 --> 00:09:18,070
the patient was on the verge of

208
00:09:16,028 --> 00:09:21,159
hypothermia by the time we got out of

209
00:09:18,070 --> 00:09:23,860
the shower losing such a large area of

210
00:09:21,159 --> 00:09:26,469
skin and having it exposed to cool water

211
00:09:23,860 --> 00:09:29,139
for 20 minutes means that hypothermia as

212
00:09:26,470 --> 00:09:31,149
well as infection are significant

213
00:09:29,139 --> 00:09:34,000
complications and concerns for burn

214
00:09:31,149 --> 00:09:36,610

management to avoid these complications

215

00:09:34,000 --> 00:09:38,980

as best you can avoid putting the burnt

216

00:09:36,610 --> 00:09:41,710

area in a container or bath of cool

217

00:09:38,980 --> 00:09:45,009

water as these containers are generally

218

00:09:41,710 --> 00:09:46,778

not sterile for starters and if it is a

219

00:09:45,009 --> 00:09:49,000

significant burn the water will just

220

00:09:46,778 --> 00:09:51,458

heat up around the burn making that

221

00:09:49,000 --> 00:09:53,350

treatment less effective there is some

222

00:09:51,458 --> 00:09:55,509

evidence in the literature that the cool

223

00:09:53,350 --> 00:09:57,670

of the water is the more effective it

224

00:09:55,509 --> 00:10:00,338

will be especially in the case of

225

00:09:57,669 --> 00:10:03,699

smaller burns where hypothermia is not a

226

00:10:00,339 --> 00:10:06,430

concern try to run the water over just

227

00:10:03,700 --> 00:10:09,040

the burn area itself whilst keeping the

228

00:10:06,429 --> 00:10:12,219

rest of the patient warm avoid putting

229
00:10:09,039 --> 00:10:14,740
any gels or lotions on burns aloe vera

230
00:10:12,220 --> 00:10:16,899
and the like can be used for superficial

231
00:10:14,740 --> 00:10:19,839
burns such as sunburn where the skin has

232
00:10:16,899 --> 00:10:22,929
remained intact and after application of

233
00:10:19,839 --> 00:10:24,310
water so now to the strange alternative

234
00:10:22,929 --> 00:10:28,449
treatments for burns that I've come

235
00:10:24,309 --> 00:10:30,369
across firstly butter on burns many in

236
00:10:28,450 --> 00:10:31,930
my classes report their grandmother's or

237
00:10:30,370 --> 00:10:34,450
mothers using this on them when they

238
00:10:31,929 --> 00:10:37,899
were kids this treatment originated from

239
00:10:34,450 --> 00:10:40,150
a Surgeon General friedrich von s mark

240
00:10:37,899 --> 00:10:43,509
hope I haven't butchered his name too

241
00:10:40,149 --> 00:10:45,990
much in the 19th century he wrote a

242
00:10:43,509 --> 00:10:48,159
handbook on Battlefield medicine and

243
00:10:45,990 --> 00:10:50,440
recommended that burnt surfaces should

244
00:10:48,159 --> 00:10:53,319
be covered with an oil grease or butter

245
00:10:50,440 --> 00:10:55,750
the idea being to seal the burn off from

246
00:10:53,320 --> 00:10:56,240
the air keeping it clean and helping it

247
00:10:55,750 --> 00:10:58,789
to her

248
00:10:56,240 --> 00:11:01,549
all there is no evidence for the healing

249
00:10:58,789 --> 00:11:03,169
properties of butter on burns the

250
00:11:01,549 --> 00:11:05,769
coolness of the butter if it were

251
00:11:03,169 --> 00:11:08,479
refrigerated doubtful on a battlefield

252
00:11:05,769 --> 00:11:11,329
may help with pain relief but there are

253
00:11:08,480 --> 00:11:14,870
no other benefits known so please do not

254
00:11:11,330 --> 00:11:17,060
put butter on burns I can't go into as

255
00:11:14,870 --> 00:11:19,399
much detail for all the other remedies

256
00:11:17,059 --> 00:11:21,859
I've heard as there are too many and it

257

00:11:19,399 --> 00:11:23,958
would be a five hour report however i

258
00:11:21,860 --> 00:11:26,990
can say that none of the following have

259
00:11:23,958 --> 00:11:30,859
any evidence behind them here's just a

260
00:11:26,990 --> 00:11:34,430
sample toothpaste soy sauce cold yellow

261
00:11:30,860 --> 00:11:38,060
mustard vanilla extract mayonnaise milk

262
00:11:34,429 --> 00:11:41,569
peanut butter raw pork fat sliced potato

263
00:11:38,059 --> 00:11:46,250
sliced tomatoes raw onions baking soda

264
00:11:41,570 --> 00:11:48,920
sour cream vinegar hemorrhoid cream now

265
00:11:46,250 --> 00:11:50,690
I'm no Sherlock Holmes but I'm going to

266
00:11:48,919 --> 00:11:52,639
guess that all these remedies have been

267
00:11:50,690 --> 00:11:55,160
tried because many burns happen in the

268
00:11:52,639 --> 00:11:58,250
kitchen and these products are close at

269
00:11:55,159 --> 00:12:01,129
hand well hemorrhoid cream may be kept

270
00:11:58,250 --> 00:12:03,169
in the bathroom I suppose but still not

271
00:12:01,129 --> 00:12:05,929

too far away to apparently give it a

272

00:12:03,169 --> 00:12:08,059

whirl perhaps some of these have been

273

00:12:05,929 --> 00:12:10,849

perceived to be successful if they came

274

00:12:08,059 --> 00:12:14,929

straight out of the fridge again no

275

00:12:10,850 --> 00:12:17,629

evidence water is best then I came

276

00:12:14,929 --> 00:12:19,699

across this in an online forum

277

00:12:17,629 --> 00:12:21,919

describing an incident with a little

278

00:12:19,700 --> 00:12:25,160

girl who had spilled boiling tea over

279

00:12:21,919 --> 00:12:27,439

her legs quote I knew that tea tree oil

280

00:12:25,159 --> 00:12:29,870

was good for burns and since I had some

281

00:12:27,440 --> 00:12:32,300

in my bag I offered to apply some to her

282

00:12:29,870 --> 00:12:34,370

legs I had to assure my friend and

283

00:12:32,299 --> 00:12:36,949

especially her daughter that it would

284

00:12:34,370 --> 00:12:39,679

definitely be of some help they did not

285

00:12:36,950 --> 00:12:42,290

even know what tea tree oil was so they

286
00:12:39,679 --> 00:12:44,208
were hesitant but clearly anything that

287
00:12:42,289 --> 00:12:46,370
could help would be welcome because the

288
00:12:44,208 --> 00:12:48,739
girl was screaming uncontrollably at

289
00:12:46,370 --> 00:12:51,560
this point we took her out of the shower

290
00:12:48,740 --> 00:12:53,959
and dried her legs as best we could then

291
00:12:51,559 --> 00:12:56,719
I put some oil in the palm of my hand

292
00:12:53,958 --> 00:12:59,119
rubbed my hands together and rub the oil

293
00:12:56,720 --> 00:13:01,970
on her legs for a brief moment

294
00:12:59,120 --> 00:13:03,409
everything was okay but then she started

295
00:13:01,970 --> 00:13:05,209
screaming like you wouldn't believe

296
00:13:03,409 --> 00:13:07,730
saying it was hurting her

297
00:13:05,208 --> 00:13:09,528
even more admittedly I was a little

298
00:13:07,730 --> 00:13:11,438
surprised myself because I had not

299
00:13:09,528 --> 00:13:14,240
experienced a reaction like that before

300
00:13:11,438 --> 00:13:16,610
my friend was alarmed and asked me if

301
00:13:14,240 --> 00:13:18,740
that was normal I told her I'd never

302
00:13:16,610 --> 00:13:20,808
seen that type of reaction but that I

303
00:13:18,740 --> 00:13:23,419
thought it was because her legs were wet

304
00:13:20,808 --> 00:13:25,458
and her paws were open I asked her

305
00:13:23,419 --> 00:13:27,769
daughter to be patient and wait and that

306
00:13:25,458 --> 00:13:29,628
it would soon get better she tried her

307
00:13:27,769 --> 00:13:32,448
best to wait it out but she was unable

308
00:13:29,629 --> 00:13:34,399
to bear the pain at this point she was

309
00:13:32,448 --> 00:13:37,039
jumping up and down begging us to take

310
00:13:34,399 --> 00:13:39,110
it off of her I felt really bad because

311
00:13:37,039 --> 00:13:41,058
she was clearly in a lot of pain because

312
00:13:39,110 --> 00:13:42,980
of me but I didn't really know what to

313
00:13:41,058 --> 00:13:45,490
do because I thought that water would

314

00:13:42,980 --> 00:13:48,079
only push the oil deeper into her skin

315
00:13:45,490 --> 00:13:49,818
after briefly discussing it my friend

316
00:13:48,078 --> 00:13:51,678
decided to try washing it off because

317
00:13:49,818 --> 00:13:54,438
doing something was better than doing

318
00:13:51,678 --> 00:13:57,499
nothing after washing her legs off with

319
00:13:54,438 --> 00:14:01,278
soap like a much-welcomed blessing from

320
00:13:57,499 --> 00:14:04,159
God she stopped crying 23 long minutes

321
00:14:01,278 --> 00:14:06,409
and she finally stopped crying she said

322
00:14:04,159 --> 00:14:09,740
it still hurt a little but that it felt

323
00:14:06,409 --> 00:14:11,688
much better my friend took her daughter

324
00:14:09,740 --> 00:14:13,009
home and the next morning she called me

325
00:14:11,688 --> 00:14:15,048
to let me know that there was not a

326
00:14:13,009 --> 00:14:19,749
single mark on her daughter's legs It

327
00:14:15,048 --> 00:14:24,230
was as if nothing happened end quote

328
00:14:19,749 --> 00:14:25,939

again me no Sherlock but perhaps the 23

329

00:14:24,230 --> 00:14:28,220

minutes under the shower may have

330

00:14:25,938 --> 00:14:31,568

contributed to this miraculous result

331

00:14:28,220 --> 00:14:33,829

and now to the ever more frightening

332

00:14:31,568 --> 00:14:36,860

homeopathic first aid kits on the

333

00:14:33,828 --> 00:14:39,469

internet if you don't believe me take a

334

00:14:36,860 --> 00:14:42,199

look on ebay for about sixty four

335

00:14:39,470 --> 00:14:45,439

australian dollars you can get 18 small

336

00:14:42,198 --> 00:14:47,628

vials of sugar pills at a 200 C potency

337

00:14:45,438 --> 00:14:50,748

which claims to treat the following

338

00:14:47,629 --> 00:14:54,409

ailments bruises burns scolds bites

339

00:14:50,749 --> 00:14:56,420

stings sprains strains splinters wounds

340

00:14:54,409 --> 00:14:57,860

whiplash bleeding shock trauma distress

341

00:14:56,419 --> 00:15:00,740

fainting fractures concussion

342

00:14:57,860 --> 00:15:03,110

hypothermia chill sunburn heatstroke

343
00:15:00,740 --> 00:15:06,350
poisoning diarrhea and allergic reaction

344
00:15:03,110 --> 00:15:08,568
1 homeopathy website describes several

345
00:15:06,350 --> 00:15:10,220
homeopathic preparations that they claim

346
00:15:08,568 --> 00:15:12,618
are useful for the acute treatment of

347
00:15:10,220 --> 00:15:14,660
burns a worry if they are advocating

348
00:15:12,619 --> 00:15:17,389
homeopathy for burns over cool running

349
00:15:14,659 --> 00:15:18,399
water even if the preparations were

350
00:15:17,389 --> 00:15:20,830
water in

351
00:15:18,399 --> 00:15:23,590
of sugar pills I doubt that the amount

352
00:15:20,830 --> 00:15:25,990
of water in a homeopathic preparation is

353
00:15:23,590 --> 00:15:29,530
going to be sufficient to irrigate the

354
00:15:25,990 --> 00:15:31,870
burn area for 20 minutes here's one

355
00:15:29,529 --> 00:15:35,230
description of a homeopathic treatment

356
00:15:31,870 --> 00:15:38,740
for burns it's called soul quote this

357
00:15:35,230 --> 00:15:41,830
remedy is made from / 10 ties sunlight

358
00:15:38,740 --> 00:15:44,500
it is useful in sunburn both as a

359
00:15:41,830 --> 00:15:47,170
preventative in those who are extremely

360
00:15:44,500 --> 00:15:50,740
sensitive to the Sun and as well

361
00:15:47,169 --> 00:15:53,949
curative in overexposure may be useful

362
00:15:50,740 --> 00:15:57,810
reducing the amounts of UV radiation in

363
00:15:53,950 --> 00:16:01,360
the skin end quote okay here's the last

364
00:15:57,809 --> 00:16:05,279
possibly most disturbing one with thanks

365
00:16:01,360 --> 00:16:08,500
to Joe alabaster for alerting me to this

366
00:16:05,279 --> 00:16:11,319
this person calls himself the fire burn

367
00:16:08,500 --> 00:16:14,799
doctor and can be found at the website

368
00:16:11,320 --> 00:16:17,020
fire burn doctor calm he comes from a

369
00:16:14,799 --> 00:16:20,309
group of acolytes of a doctor Philippe

370
00:16:17,019 --> 00:16:23,230
Sauvage who is easily found via google

371

00:16:20,309 --> 00:16:26,500
the claim of the fire burn doctor is

372
00:16:23,230 --> 00:16:28,930
this free instant burn recovery when you

373
00:16:26,500 --> 00:16:32,320
call or text a phone number within 30

374
00:16:28,929 --> 00:16:34,179
minutes of the burn occurring so do they

375
00:16:32,320 --> 00:16:37,870
rush to your house and apply some new

376
00:16:34,179 --> 00:16:40,209
miraculous treatment no this healing is

377
00:16:37,870 --> 00:16:43,240
claimed to be done remotely over the

378
00:16:40,210 --> 00:16:45,910
phone information to be sent is the

379
00:16:43,240 --> 00:16:48,940
person's name at birth date of birth and

380
00:16:45,909 --> 00:16:51,639
place of birth or alternatively text a

381
00:16:48,940 --> 00:16:54,490
picture or any photograph of the person

382
00:16:51,639 --> 00:16:59,649
in the About section on the website is

383
00:16:54,490 --> 00:17:02,649
this quote in that computer context I

384
00:16:59,649 --> 00:17:05,170
would define myself as bio matrix hacker

385
00:17:02,649 --> 00:17:07,480

and my technique as the way to break

386

00:17:05,170 --> 00:17:10,269

into the bio fields continuum or the

387

00:17:07,480 --> 00:17:11,920

matrix that interconnects us all with

388

00:17:10,269 --> 00:17:15,250

one another and with all living

389

00:17:11,920 --> 00:17:17,890

organisms ultimately like a global bio

390

00:17:15,250 --> 00:17:20,619

internet then when an individual

391

00:17:17,890 --> 00:17:23,620

computer a person is experiencing

392

00:17:20,619 --> 00:17:26,589

troubles bugs crashes or an accident as

393

00:17:23,619 --> 00:17:29,589

for instance with a burn injury all that

394

00:17:26,589 --> 00:17:32,168

I am doing is writing a specific bio

395

00:17:29,589 --> 00:17:34,658

program with appropriate bio

396

00:17:32,169 --> 00:17:37,960

algorithms to resolve and correct the

397

00:17:34,659 --> 00:17:41,409

problem then hack the bio matrix to be

398

00:17:37,960 --> 00:17:43,450

capable to upload it it will be then

399

00:17:41,409 --> 00:17:46,539

automatically downloaded to the

400
00:17:43,450 --> 00:17:49,179
individual computer the person that has

401
00:17:46,538 --> 00:17:52,919
experienced a crisis to fix the specific

402
00:17:49,179 --> 00:17:55,929
software conflict or problem end quote

403
00:17:52,919 --> 00:17:58,359
they claim to have taken away all pain

404
00:17:55,929 --> 00:18:01,269
and all traces of the burn of many

405
00:17:58,358 --> 00:18:04,449
people however on the main page of the

406
00:18:01,269 --> 00:18:06,388
website is this quote call within the

407
00:18:04,450 --> 00:18:10,330
first 30 minutes on your way to hospital

408
00:18:06,388 --> 00:18:13,148
free processing is in addition to normal

409
00:18:10,329 --> 00:18:16,329
medical procedures and is done in a

410
00:18:13,148 --> 00:18:18,579
minute end quote see what they've done

411
00:18:16,329 --> 00:18:20,710
there the patient undergoes normal

412
00:18:18,579 --> 00:18:23,378
medical procedures in the first 30

413
00:18:20,710 --> 00:18:28,358
minutes and that is the application of

414
00:18:23,378 --> 00:18:31,358
water I must also add here that a friend

415
00:18:28,358 --> 00:18:33,819
who once did our naturopathy degree told

416
00:18:31,358 --> 00:18:37,388
me that a homeopath came to speak to

417
00:18:33,819 --> 00:18:40,989
them one day and said that because in

418
00:18:37,388 --> 00:18:45,579
homeopathy like cures like one should

419
00:18:40,989 --> 00:18:47,470
apply hot water to burns apparently even

420
00:18:45,579 --> 00:18:51,970
the net chiappa these students were

421
00:18:47,470 --> 00:18:54,249
aghast at this before i go i'm going to

422
00:18:51,970 --> 00:18:57,519
shamelessly give my first-aid business

423
00:18:54,249 --> 00:18:59,980
at plug i do many corporate first aid

424
00:18:57,519 --> 00:19:03,519
training sessions if you have a group of

425
00:18:59,980 --> 00:19:06,519
10 or more people I'm so happy to come

426
00:19:03,519 --> 00:19:08,739
to Brisbane or Sydney if you're closer

427
00:19:06,519 --> 00:19:11,249
to me in the northern rivers I only need

428

00:19:08,739 --> 00:19:14,499
a minimum of three to run a course

429
00:19:11,249 --> 00:19:18,329
contact me at info at accredited first

430
00:19:14,499 --> 00:19:22,659
aid com au or take a look at my website

431
00:19:18,329 --> 00:19:24,908
accredited first aid com au thanks

432
00:19:22,659 --> 00:19:41,169
everyone bye for now

433
00:19:24,909 --> 00:19:45,519
ah summer in Australia the sand the sea

434
00:19:41,169 --> 00:19:47,470
the surf the heat the skepticism yes the

435
00:19:45,519 --> 00:19:49,598
great ocean road skeptics from the far

436
00:19:47,470 --> 00:19:51,788
south coast of Australia are bringing

437
00:19:49,598 --> 00:19:54,128
back the Surf Coast summer skeptic amp

438
00:19:51,788 --> 00:19:57,429
for the fourth year in a row this year

439
00:19:54,128 --> 00:19:59,589
this is a grassroots skeptical event in

440
00:19:57,429 --> 00:20:01,359
a small community hall in aireys inlet

441
00:19:59,589 --> 00:20:04,329
one of the most gorgeous seaside

442
00:20:01,358 --> 00:20:06,999

villages on the great ocean road so even

443

00:20:04,329 --> 00:20:09,249

got a lighthouse and everything this is

444

00:20:06,999 --> 00:20:10,960

a free event and lunch is provided it's

445

00:20:09,249 --> 00:20:12,368

an easy day trip for Melbourne or you

446

00:20:10,960 --> 00:20:14,649

can make the most of the beautiful

447

00:20:12,368 --> 00:20:16,868

location and spend the whole weekend

448

00:20:14,648 --> 00:20:19,449

soaking up the natural beauty and world

449

00:20:16,868 --> 00:20:21,158

famous beaches you can join us for a

450

00:20:19,450 --> 00:20:23,288

relaxing dinner with other skeptics at

451

00:20:21,159 --> 00:20:26,379

the local pub when the skeptic camp is

452

00:20:23,288 --> 00:20:29,710

done details can be found on our

453

00:20:26,378 --> 00:20:31,329

Eventbrite booking page or you can find

454

00:20:29,710 --> 00:20:33,788

out listing on skeptic groups of

455

00:20:31,329 --> 00:20:35,168

Victoria Facebook page if you have a

456

00:20:33,788 --> 00:20:36,878

talk you'd like to give or any other

457
00:20:35,169 --> 00:20:39,099
questions just use the contact organizer

458
00:20:36,878 --> 00:20:40,538
button on the booking page to send an

459
00:20:39,098 --> 00:20:43,689
email and we'll be back in touch with

460
00:20:40,538 --> 00:20:46,658
you in previous years we've had group

461
00:20:43,690 --> 00:20:48,580
discussions videos and talks on topics

462
00:20:46,659 --> 00:20:51,729
ranging from alternative medicine to

463
00:20:48,579 --> 00:20:54,158
local UFO mysteries so why not wander

464
00:20:51,729 --> 00:20:57,278
over to our Eventbrite booking page at

465
00:20:54,159 --> 00:20:59,379
Surf Coast summer skip de camp for and

466
00:20:57,278 --> 00:21:00,729
let us know you're coming we look

467
00:20:59,378 --> 00:21:02,378
forward to welcoming you on the

468
00:21:00,729 --> 00:21:06,129
twenty-eighth of february in aireys

469
00:21:02,378 --> 00:21:09,788
inlet the skeptic zone is brought to you

470
00:21:06,128 --> 00:21:13,238
by dr. bob's trivia quiz visit dr. bob's

471
00:21:09,788 --> 00:21:16,058
quiz wordpress.com and see if you can

472
00:21:13,239 --> 00:21:18,069
match wits with dr. Bob well I'm here

473
00:21:16,058 --> 00:21:20,019
once again with those Steve Roberts that

474
00:21:18,069 --> 00:21:21,819
otherwise known as dr. Bob from dr.

475
00:21:20,019 --> 00:21:24,220
Bob's trivia quiz Steve were just

476
00:21:21,819 --> 00:21:25,989
talking about movies our big fan of

477
00:21:24,220 --> 00:21:28,329
movies course could movies but

478
00:21:25,989 --> 00:21:29,979
paranormal movies and psychics and

479
00:21:28,329 --> 00:21:31,898
movies what's your take on that yeah

480
00:21:29,979 --> 00:21:33,819
look um I think actually this is of

481
00:21:31,898 --> 00:21:35,648
course for a lot of belief in psychics

482
00:21:33,819 --> 00:21:37,869
that with a movie shows somebody

483
00:21:35,648 --> 00:21:40,779
predicting the future or with

484
00:21:37,869 --> 00:21:42,369
some kind of some kind of gift yeah you

485

00:21:40,779 --> 00:21:44,440
have to know that movies are fiction yes

486
00:21:42,369 --> 00:21:49,539
I kisses are there'll be a big disaster

487
00:21:44,440 --> 00:21:51,160
and only one will survive and the viewer

488
00:21:49,539 --> 00:21:53,259
sort of pockets its information of the

489
00:21:51,160 --> 00:21:56,740
plot for seeds yeah and later on there's

490
00:21:53,259 --> 00:21:58,660
a big disaster everyone survives and and

491
00:21:56,740 --> 00:22:01,480
if any of that to survive door there was

492
00:21:58,660 --> 00:22:02,650
no disaster that that clip with a

493
00:22:01,480 --> 00:22:04,920
psychic would have been a waste of the

494
00:22:02,650 --> 00:22:07,390
audience's time yeah the new protein so

495
00:22:04,920 --> 00:22:10,029
this happened it happens in Moby Dick in

496
00:22:07,390 --> 00:22:11,830
fact exactly is that the protagonist

497
00:22:10,029 --> 00:22:13,928
Ishmael is who figure out looking for a

498
00:22:11,829 --> 00:22:16,449
ship to sail on yeah and somebody pulls

499
00:22:13,929 --> 00:22:18,550

massages are don't go on the Pequod are

500

00:22:16,450 --> 00:22:20,830

out are not the people other people more

501

00:22:18,549 --> 00:22:22,690

founder and only one sort of survived to

502

00:22:20,829 --> 00:22:24,099

tell the tale and he thinks I'll blow

503

00:22:22,690 --> 00:22:25,660

that I'm going on the peak while anyway

504

00:22:24,099 --> 00:22:27,639

and sails off on the voyage and of

505

00:22:25,660 --> 00:22:30,308

course the damn thing sinks sunk by the

506

00:22:27,640 --> 00:22:32,590

whale and I'm only only he survives to

507

00:22:30,308 --> 00:22:37,058

tell the tale that's making it true yeah

508

00:22:32,589 --> 00:22:39,399

yeah otherwise why put that the audience

509

00:22:37,058 --> 00:22:42,399

thinks okay the psychic was correct yeah

510

00:22:39,400 --> 00:22:44,890

well and then TV shows to a specifically

511

00:22:42,400 --> 00:22:46,900

about things like medium the show about

512

00:22:44,890 --> 00:22:49,059

a psychic so of course it's written that

513

00:22:46,900 --> 00:22:50,980

she can see mystical things and get

514
00:22:49,058 --> 00:22:52,569
messages from the dead while the orders

515
00:22:50,980 --> 00:22:54,130
also see a mystical things seen them

516
00:22:52,569 --> 00:22:56,169
what they do you tell a lot of people

517
00:22:54,130 --> 00:22:58,000
think when they're watching a show like

518
00:22:56,170 --> 00:22:59,800
that that it's based on reality and this

519
00:22:58,000 --> 00:23:02,069
is more or less a dramatization of real

520
00:22:59,799 --> 00:23:05,139
events it's well a lot of people

521
00:23:02,069 --> 00:23:06,819
conflate real-life psychics with the

522
00:23:05,140 --> 00:23:08,650
movie saw yeah that you see who always

523
00:23:06,819 --> 00:23:11,319
right yeah so you pop I would say I'm a

524
00:23:08,650 --> 00:23:13,660
psychic Artie the psyche the film was

525
00:23:11,319 --> 00:23:15,339
right every time yes and so on a no

526
00:23:13,660 --> 00:23:19,179
something's are based on a true story

527
00:23:15,339 --> 00:23:21,099
well you kills me you know but like what

528

00:23:19,179 --> 00:23:22,509

was the famous haunting and just escaped

529

00:23:21,099 --> 00:23:24,849

at the amityville hobbit of your hollow

530

00:23:22,509 --> 00:23:26,200

based on a true story it's true that

531

00:23:24,849 --> 00:23:29,109

there was a bit of a scan in the house

532

00:23:26,200 --> 00:23:30,940

involve is a bit of a shenanigan here

533

00:23:29,109 --> 00:23:33,609

and there but some the people who bought

534

00:23:30,940 --> 00:23:36,130

the house after the the movie one moved

535

00:23:33,609 --> 00:23:37,808

out found nothing wrong with us all yeah

536

00:23:36,130 --> 00:23:40,330

you can probably get it cheaply now I

537

00:23:37,808 --> 00:23:42,160

don't know it all plots of fiction hello

538

00:23:40,329 --> 00:23:44,439

suddenly predict something and usually

539

00:23:42,160 --> 00:23:47,290

it comes to part is some ironic way yeah

540

00:23:44,440 --> 00:23:48,820

otherwise 11 horror movie or somebody

541

00:23:47,289 --> 00:23:50,349

had his head cut off there was a vision

542

00:23:48,819 --> 00:23:51,460
there's a photograph of sunny with a

543
00:23:50,349 --> 00:23:52,959
line across

544
00:23:51,460 --> 00:23:54,640
cutting his head off in the photo yeah

545
00:23:52,960 --> 00:23:57,370
by excellent do we thought I bet that

546
00:23:54,640 --> 00:23:58,509
guy gets his head penfield sure enough

547
00:23:57,369 --> 00:24:00,639
he's walking down the street thinking

548
00:23:58,509 --> 00:24:03,038
there must avoid sharp things in ER and

549
00:24:00,640 --> 00:24:05,140
a lorry carrying a sheet of glass

550
00:24:03,038 --> 00:24:08,819
crashes and the sheet of glass flies off

551
00:24:05,140 --> 00:24:11,950
and slices his head off Oh anything ah

552
00:24:08,819 --> 00:24:13,990
thanks you see if they hadn't show that

553
00:24:11,950 --> 00:24:16,390
if that wasn't in the film that picture

554
00:24:13,990 --> 00:24:19,390
with a head lined off a little bit away

555
00:24:16,390 --> 00:24:20,919
from Toyota and on the flip side I don't

556
00:24:19,390 --> 00:24:22,299

know if you saw a movie some years back

557

00:24:20,919 --> 00:24:24,580
four or five years ago called the

558

00:24:22,298 --> 00:24:28,720
skeptical I actually SAT through it it was

559

00:24:24,579 --> 00:24:30,788
pretty dire but of course I want the not

560

00:24:28,720 --> 00:24:33,149
to spoil the plot people if you haven't

561

00:24:30,788 --> 00:24:35,890
seen it but it's not such a great movie

562

00:24:33,148 --> 00:24:37,808
Hughes on the skeptic I'm the skeptic he

563

00:24:35,890 --> 00:24:39,580
was a bit of a stereotypical cartoon

564

00:24:37,808 --> 00:24:41,259
black and white skeptical and of course

565

00:24:39,579 --> 00:24:43,750
he's shown to be wrong I mean they're so

566

00:24:41,259 --> 00:24:45,278
predictable oh well if you're shown to

567

00:24:43,750 --> 00:24:48,398
be roll the best thing they just fess up

568

00:24:45,278 --> 00:24:51,579
and say okay I know but it but you know

569

00:24:48,398 --> 00:24:54,069
he showing him to be wrong it the movie

570

00:24:51,579 --> 00:24:56,319
point movie make some supernatural thing

571
00:24:54,069 --> 00:24:58,058
right you see all this silly skeptic he

572
00:24:56,319 --> 00:24:59,558
got his comeuppance in the other they

573
00:24:58,058 --> 00:25:01,538
leave it well in that case there must

574
00:24:59,558 --> 00:25:03,069
must be a ghost sales idea look it's

575
00:25:01,538 --> 00:25:05,079
been so long since I saw the movie and I

576
00:25:03,069 --> 00:25:06,700
was pretty impressed but that was the

577
00:25:05,079 --> 00:25:09,369
gist oh there's a very good woody allen

578
00:25:06,700 --> 00:25:11,980
movie about a year ago or on this theme

579
00:25:09,369 --> 00:25:13,778
oh yes the guy who was a career skeptic

580
00:25:11,980 --> 00:25:14,980
that's right based on income of the name

581
00:25:13,778 --> 00:25:17,648
james randi and richard dawkins

582
00:25:14,980 --> 00:25:19,509
conflated together and he's a skeptic a

583
00:25:17,648 --> 00:25:21,668
tease our guns and ears his comeuppance

584
00:25:19,509 --> 00:25:23,829
and somebody know stuff about him yeah

585
00:25:21,669 --> 00:25:26,288
which turns out to be a plot done by his

586
00:25:23,829 --> 00:25:29,470
friends just to make him be wrong but

587
00:25:26,288 --> 00:25:31,450
yeah yeah I mean but the movie skeptics

588
00:25:29,470 --> 00:25:34,450
of betrayed is usually being arrogant

589
00:25:31,450 --> 00:25:36,069
and they'll be wrong somehow and yeah

590
00:25:34,450 --> 00:25:37,509
waiting for their comeuppance that I

591
00:25:36,069 --> 00:25:40,089
guess it wouldn't they would make a

592
00:25:37,509 --> 00:25:42,278
movie about someone like a Randy or

593
00:25:40,089 --> 00:25:44,079
whatever where you know going in with a

594
00:25:42,278 --> 00:25:46,659
genuinely open mind seeing what there is

595
00:25:44,079 --> 00:25:48,158
but always finding thus far that all

596
00:25:46,659 --> 00:25:50,950
claims don't live up to their promise

597
00:25:48,159 --> 00:25:54,460
well that's really work in a field of um

598
00:25:50,950 --> 00:25:56,440
preposterous claims we do if you were in

599

00:25:54,460 --> 00:25:58,419
a homicide did it field of scientific

600
00:25:56,440 --> 00:26:00,278
type well that's different then

601
00:25:58,419 --> 00:26:01,690
sometimes we'd be well and well years

602
00:26:00,278 --> 00:26:03,509
you wouldn't pontificate on those claims

603
00:26:01,690 --> 00:26:05,830
you look for evidence just it yeah

604
00:26:03,509 --> 00:26:08,229
but if somebody says I can bend spoons

605
00:26:05,829 --> 00:26:10,148
you know the first question you would

606
00:26:08,229 --> 00:26:13,088
ask is what can we see you do it and

607
00:26:10,148 --> 00:26:16,088
that comes reply oh I can't do it if

608
00:26:13,088 --> 00:26:18,038
there's a skeptic and easy I think the

609
00:26:16,088 --> 00:26:19,778
only invisible spoons or so only when

610
00:26:18,038 --> 00:26:21,819
cameras aren't really good which is a

611
00:26:19,778 --> 00:26:24,128
true excuse i heard i went to a

612
00:26:21,819 --> 00:26:26,259
paranormal convention earlier last year

613
00:26:24,128 --> 00:26:28,509

with may not in fact and one of the

614

00:26:26,259 --> 00:26:32,288

topics was poltergeist and the guy

615

00:26:28,509 --> 00:26:34,628

seriously said words long the words the

616

00:26:32,288 --> 00:26:35,888

effect oh it's known that poltergeists

617

00:26:34,628 --> 00:26:38,709

don't operate when there's cameras

618

00:26:35,888 --> 00:26:40,508

running good real supposing those

619

00:26:38,710 --> 00:26:41,979

cameras secretly running what happens

620

00:26:40,509 --> 00:26:43,628

then I mean you're clever those

621

00:26:41,979 --> 00:26:46,028

poltergeists they know these things all

622

00:26:43,628 --> 00:26:48,908

I can see it can they see anything

623

00:26:46,028 --> 00:26:51,638

something useful then lady oh yeah great

624

00:26:48,909 --> 00:26:54,249

to catch up with you again that dr. Bob

625

00:26:51,638 --> 00:26:56,949

from dr. Bob news quiz steve roberts and

626

00:26:54,249 --> 00:26:58,509

google dr. bob's trivia quiz have a go

627

00:26:56,950 --> 00:27:00,788

right in come up with some interesting

628
00:26:58,509 --> 00:27:02,769
answers and oh i must thank you very

629
00:27:00,788 --> 00:27:04,450
much i sent down a copy of the

630
00:27:02,769 --> 00:27:06,608
vaccination chronicles DVD to you down

631
00:27:04,450 --> 00:27:08,019
in the only way are based and you got

632
00:27:06,608 --> 00:27:09,668
busy and made lots of copies yeah i

633
00:27:08,019 --> 00:27:11,079
sported a few copies off it i think

634
00:27:09,669 --> 00:27:14,859
there are skeptics meeting engageable

635
00:27:11,079 --> 00:27:16,989
y-yeah a DVD and it seemed to views with

636
00:27:14,858 --> 00:27:19,538
them as you know you made it you know it

637
00:27:16,989 --> 00:27:21,579
gives people who have or have not been

638
00:27:19,538 --> 00:27:23,348
vaccinated yeah yeah the ones who have

639
00:27:21,579 --> 00:27:25,960
not generally did so we don't see much

640
00:27:23,348 --> 00:27:27,700
of those might um and you know stories

641
00:27:25,960 --> 00:27:29,499
about around vaccination then leave it

642
00:27:27,700 --> 00:27:31,149
he's give it away free and yeah yeah

643
00:27:29,499 --> 00:27:33,069
yeah yeah anybody can like The Skeptical

644
00:27:31,148 --> 00:27:35,018
cinema send them a free copy whether if

645
00:27:33,069 --> 00:27:37,689
they just go to the skipper's own

646
00:27:35,019 --> 00:27:39,759
website desk if it's on TV and you can

647
00:27:37,690 --> 00:27:42,129
download each other uh well you can you

648
00:27:39,759 --> 00:27:44,288
it's free on YouTube of course but the

649
00:27:42,128 --> 00:27:46,058
DVD itself with all the extra features

650
00:27:44,288 --> 00:27:48,759
extra interviews and many languages

651
00:27:46,058 --> 00:27:50,528
itself yeah you can buy it for twelve

652
00:27:48,759 --> 00:27:52,538
dollars that simply covers production

653
00:27:50,528 --> 00:27:54,819
and heritage anywhere in the world yeah

654
00:27:52,538 --> 00:27:57,398
and once you get it then it's your job

655
00:27:54,819 --> 00:27:59,528
to copy it and copy yeah away copy it

656

00:27:57,398 --> 00:28:01,658
really is popular anyway good to catch

657
00:27:59,528 --> 00:28:03,368
up with you again Steve Roberts and

658
00:28:01,659 --> 00:28:07,089
thanks for coming by your level Richard

659
00:28:03,368 --> 00:28:10,478
cheers hey Kenny oh hi Tom I save this

660
00:28:07,088 --> 00:28:11,819
park yeah yes great weather oh look a

661
00:28:10,479 --> 00:28:13,529
unicorn you

662
00:28:11,819 --> 00:28:16,710
corn there are no such things as

663
00:28:13,529 --> 00:28:18,899
unicorns silly yes there is no there

664
00:28:16,710 --> 00:28:21,140
isn't hey guys what are you arguing

665
00:28:18,900 --> 00:28:24,180
about tom thinks unicorns are real

666
00:28:21,140 --> 00:28:27,330
thanks so are let's look us up in the

667
00:28:24,180 --> 00:28:29,039
skeptics dictionary now what how can we

668
00:28:27,329 --> 00:28:30,720
do this in this bar there is the

669
00:28:29,039 --> 00:28:32,430
computer here you guys probably don't

670
00:28:30,720 --> 00:28:35,490

know about the skeptics dictionary app

671

00:28:32,430 --> 00:28:39,420

available now for iPhone iPad and iPod

672

00:28:35,490 --> 00:28:40,980

touch in the App Store Wow cool the app

673

00:28:39,420 --> 00:28:43,200

lets you access all of the great

674

00:28:40,980 --> 00:28:45,750

skeptics dictionary articles when you're

675

00:28:43,200 --> 00:28:48,509

on the go here let me look up unicorns

676

00:28:45,750 --> 00:28:51,029

not cool Kenny prepare to be proven

677

00:28:48,509 --> 00:28:55,170

wrong it says here the Unicorn is a

678

00:28:51,029 --> 00:28:56,430

creature from fables aha actually I see

679

00:28:55,170 --> 00:28:59,039

now that someone just dumped their ice

680

00:28:56,430 --> 00:29:04,320

cream cone on that horse's head thanks

681

00:28:59,039 --> 00:29:07,470

skeptics dictionary iphone app welcome

682

00:29:04,319 --> 00:29:10,409

to a week in science from RI oz bringing

683

00:29:07,470 --> 00:29:12,630

you the science you need to know they're

684

00:29:10,410 --> 00:29:14,759

some of the world's most active frequent

685
00:29:12,630 --> 00:29:17,580
flyers clocking up more air miles than

686
00:29:14,759 --> 00:29:25,170
most humans let's fly away with some

687
00:29:17,579 --> 00:29:27,869
amazing migratory birds the bird with

688
00:29:25,170 --> 00:29:30,660
the longest migration is the Arctic Tern

689
00:29:27,869 --> 00:29:33,719
clocking up an incredible 40,000

690
00:29:30,660 --> 00:29:36,480
kilometers in each direction the arctic

691
00:29:33,720 --> 00:29:39,180
tern breeds in arctic regions including

692
00:29:36,480 --> 00:29:41,700
russia and Greenland then migrates to

693
00:29:39,180 --> 00:29:43,650
feeding grounds in Antarctica they

694
00:29:41,700 --> 00:29:46,080
return to the north for the next

695
00:29:43,650 --> 00:29:48,780
breeding season often returning to the

696
00:29:46,079 --> 00:29:51,509
same location or even the same colony in

697
00:29:48,779 --> 00:29:54,599
which they were born this routing means

698
00:29:51,509 --> 00:29:58,319
the average bird travels around 70,000

699
00:29:54,599 --> 00:30:01,109
kilometers per year scaled for size the

700
00:29:58,319 --> 00:30:04,559
longest migration is by the 25 gram

701
00:30:01,109 --> 00:30:07,229
northern whittier these tiny birds can

702
00:30:04,559 --> 00:30:10,619
migrate around 30,000 kilometers each

703
00:30:07,230 --> 00:30:13,339
year from alaska to sub-saharan africa

704
00:30:10,619 --> 00:30:13,339
and back

705
00:30:13,690 --> 00:30:18,639
that's a long journey but they do stop

706
00:30:16,329 --> 00:30:21,548
for rest food and sleep along the way

707
00:30:18,638 --> 00:30:24,548
the record non-stop flight was by the

708
00:30:21,548 --> 00:30:28,000
bar tailed godwit which was tracked

709
00:30:24,548 --> 00:30:30,960
flying without a rest from Alaska across

710
00:30:28,000 --> 00:30:33,609
the Pacific Ocean to New Zealand this

711
00:30:30,960 --> 00:30:36,220
unbelievable flight was eleven thousand

712
00:30:33,609 --> 00:30:39,519
six hundred kilometers and took nine

713

00:30:36,220 --> 00:30:41,710
days to sleep the bird shut down half

714
00:30:39,519 --> 00:30:44,589
its brain at a time and the energy

715
00:30:41,710 --> 00:30:47,409
demand was huge losing half its body

716
00:30:44,589 --> 00:30:49,538
weight during the flight researchers

717
00:30:47,409 --> 00:30:51,720
think the bird navigated using the Sun

718
00:30:49,538 --> 00:30:53,798
during the day and the stars at night

719
00:30:51,720 --> 00:30:56,019
meaning they would have had to account

720
00:30:53,798 --> 00:30:58,240
for the rotation of the sky in both

721
00:30:56,019 --> 00:31:04,230
northern and southern hemispheres and

722
00:30:58,240 --> 00:31:04,230
now for fast facts about bird migrations

723
00:31:04,648 --> 00:31:10,750
to migrate long distances birds must be

724
00:31:08,169 --> 00:31:14,259
able to carry fuel but fuel capacity

725
00:31:10,750 --> 00:31:16,480
reduces with body size so most migratory

726
00:31:14,259 --> 00:31:19,569
birds are less than 1 kilogram in mass

727
00:31:16,480 --> 00:31:22,329

to minimize drag migratory bird wings

728

00:31:19,569 --> 00:31:25,269

are generally long and slender and their

729

00:31:22,329 --> 00:31:28,089

body streamlined birds can navigate

730

00:31:25,269 --> 00:31:30,128

using the Sun and stars but also the

731

00:31:28,089 --> 00:31:32,439

magnetic fields of the earth and the

732

00:31:30,128 --> 00:31:35,439

terrain and layout of the land and even

733

00:31:32,440 --> 00:31:37,330

smell migratory birds are starting to be

734

00:31:35,440 --> 00:31:40,149

threatened by development along their

735

00:31:37,329 --> 00:31:42,819

migration paths reducing food and

736

00:31:40,148 --> 00:31:45,278

shelter that's it for this a week in

737

00:31:42,819 --> 00:31:47,349

science for more information on bird

738

00:31:45,278 --> 00:31:51,609

migrations fly over to the orioles

739

00:31:47,349 --> 00:31:55,388

website are I au s dot org dot a you

740

00:31:51,609 --> 00:31:58,209

follow us on twitter at our iOS and like

741

00:31:55,388 --> 00:32:00,959

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

742
00:31:58,210 --> 00:32:00,960
catch you next week

743
00:32:10,079 --> 00:32:15,298
and joining me now from that wonderful

744
00:32:13,589 --> 00:32:18,599
city up there in Scotland the place I

745
00:32:15,298 --> 00:32:21,329
love to visit when I can Edinburgh it's

746
00:32:18,599 --> 00:32:23,759
the skeptical entertainer ash price

747
00:32:21,329 --> 00:32:26,699
hello ash hi Richard how are you I'm

748
00:32:23,759 --> 00:32:28,619
really well how Scotland these days um a

749
00:32:26,700 --> 00:32:31,230
little sunnier than you might expect for

750
00:32:28,619 --> 00:32:32,939
this time of year really hmm yeah it's

751
00:32:31,230 --> 00:32:34,380
quite quite bright and shining I

752
00:32:32,940 --> 00:32:36,090
actually went out with sunglasses on the

753
00:32:34,380 --> 00:32:39,480
other day I know it's a sign of the end

754
00:32:36,089 --> 00:32:41,730
times it is that sounds a bit spooky and

755
00:32:39,480 --> 00:32:44,970
we can use that as a really bad segue to

756
00:32:41,730 --> 00:32:46,980
talk about your upcoming tour which is

757
00:32:44,970 --> 00:32:50,579
called and here's oh here's a title for

758
00:32:46,980 --> 00:32:52,288
your folks how to talk to the dead what

759
00:32:50,579 --> 00:32:56,189
can you tell us about this bizarre

760
00:32:52,288 --> 00:32:58,109
sounding show well talking to the dead

761
00:32:56,190 --> 00:33:00,179
is itself quite an easy thing to do

762
00:32:58,109 --> 00:33:02,699
getting them to talk back is where the

763
00:33:00,179 --> 00:33:04,590
problem comes in and that's this very

764
00:33:02,700 --> 00:33:07,769
much where this show comes in it's going

765
00:33:04,589 --> 00:33:10,230
to be looking at mainly a Victorian an

766
00:33:07,769 --> 00:33:11,909
early 20th century spirit and mediumship

767
00:33:10,230 --> 00:33:13,380
communication it's going to be looking

768
00:33:11,909 --> 00:33:15,210
at the history of that it's going to

769
00:33:13,380 --> 00:33:16,139
involve some practical demonstrations

770

00:33:15,210 --> 00:33:18,630
and quite a lot of audience

771
00:33:16,138 --> 00:33:21,288
participation so it's kind of a mix of a

772
00:33:18,630 --> 00:33:24,120
of a skeptics talk with a entertainment

773
00:33:21,288 --> 00:33:26,308
magic and comedy good heavens that

774
00:33:24,119 --> 00:33:29,038
sounds that sounds fascinating and so

775
00:33:26,308 --> 00:33:31,109
it's basically and is it a comedy show

776
00:33:29,038 --> 00:33:33,329
isn't it is it entertaining is it their

777
00:33:31,109 --> 00:33:36,778
educational how would you describe it

778
00:33:33,329 --> 00:33:38,158
it's kind of a mixture I would I

779
00:33:36,778 --> 00:33:41,190
originally want it when it was first

780
00:33:38,159 --> 00:33:43,649
created it was very much a a very

781
00:33:41,190 --> 00:33:46,620
straightforward skeptics talk on on the

782
00:33:43,648 --> 00:33:48,209
debunking of spirit communication and

783
00:33:46,619 --> 00:33:49,589
its kind of developed over the past

784
00:33:48,210 --> 00:33:51,298

couple of years to its current form

785

00:33:49,589 --> 00:33:54,720

which is very much an entertainment show

786

00:33:51,298 --> 00:33:57,329

with a skeptical angle right right so it

787

00:33:54,720 --> 00:33:59,100

really is covering the history of what

788

00:33:57,329 --> 00:34:01,648

we call spirituals are more talking to

789

00:33:59,099 --> 00:34:03,178

the didn't that sort of thing yeah so

790

00:34:01,648 --> 00:34:04,829

you look at all that but but you also

791

00:34:03,179 --> 00:34:07,528

throw in a lot of other things here I'm

792

00:34:04,829 --> 00:34:09,898

just glancing at your the website which

793

00:34:07,528 --> 00:34:11,849

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

794

00:34:09,898 --> 00:34:13,888

talking about the show so you cover such

795

00:34:11,849 --> 00:34:17,099

things as Ouija boards and spirit slates

796

00:34:13,889 --> 00:34:18,929

and spirit communications stopping

797

00:34:17,099 --> 00:34:20,220

pulses now always film find that

798

00:34:18,929 --> 00:34:22,079

interesting do you do something like

799

00:34:20,219 --> 00:34:23,329
that in the show um I do give it a

800

00:34:22,079 --> 00:34:25,960
demonstration yes

801

00:34:23,329 --> 00:34:29,420
though reports of of many faq is

802

00:34:25,960 --> 00:34:31,429
performing stock pulse demonstrations so

803

00:34:29,420 --> 00:34:33,200
I kind of I mix that in with my

804

00:34:31,429 --> 00:34:35,000
ectoplasm demonstration so I kind of

805

00:34:33,199 --> 00:34:36,739
give this is little routine rice I'm

806

00:34:35,000 --> 00:34:38,780
going to bring forth some actor plays on

807

00:34:36,739 --> 00:34:39,829
my knees go into a trance to do so so

808

00:34:38,780 --> 00:34:41,420
some things going to join me on the

809

00:34:39,829 --> 00:34:43,789
stage if you take my pulse please and

810

00:34:41,420 --> 00:34:45,200
we'll well I might have to go into this

811

00:34:43,789 --> 00:34:48,559
trance state i can bring up the

812

00:34:45,199 --> 00:34:51,469
ectoplasm so that's that's where that

813
00:34:48,559 --> 00:34:53,179
part comes in good heavens that bed

814
00:34:51,469 --> 00:34:55,369
sounds like it said that there should be

815
00:34:53,179 --> 00:34:57,139
a quite something to see what what's the

816
00:34:55,369 --> 00:34:59,329
reaction you get when you do this sort

817
00:34:57,139 --> 00:35:01,339
of stuff i mean our audience they

818
00:34:59,329 --> 00:35:02,599
lawrence's are they generally would you

819
00:35:01,340 --> 00:35:04,990
do you get some people in the audience

820
00:35:02,599 --> 00:35:07,039
who are horrified or do you get people

821
00:35:04,989 --> 00:35:09,619
complaining bitterly about what you're

822
00:35:07,039 --> 00:35:11,599
doing I've never had anyone bitterly

823
00:35:09,619 --> 00:35:14,000
complained because the show's had its

824
00:35:11,599 --> 00:35:15,860
life on the Edinburgh Fringe it means

825
00:35:14,000 --> 00:35:18,349
that the the audience potential audience

826
00:35:15,860 --> 00:35:20,180
coming to see it is a little wider than

827

00:35:18,349 --> 00:35:22,699
what I've had what I you know when I do

828
00:35:20,179 --> 00:35:24,440
a normal skeptics and pub chug so I've

829
00:35:22,699 --> 00:35:26,689
had a variety of different people come

830
00:35:24,440 --> 00:35:28,039
in and you can always tell who the

831
00:35:26,690 --> 00:35:29,659
believers in the power normal are

832
00:35:28,039 --> 00:35:30,949
because there's one specific point in

833
00:35:29,659 --> 00:35:32,480
the show where they always get up and

834
00:35:30,949 --> 00:35:33,739
leave and it's the point where I call

835
00:35:32,480 --> 00:35:36,530
people on stage to do a Ouija board

836
00:35:33,739 --> 00:35:38,329
demonstration and oh really yeah it's

837
00:35:36,530 --> 00:35:40,280
quite interesting i've had people leave

838
00:35:38,329 --> 00:35:44,029
quite a few times at that exact moment

839
00:35:40,280 --> 00:35:45,530
in the show i I first time happened i

840
00:35:44,030 --> 00:35:47,210
thought i might do something wrong here

841
00:35:45,530 --> 00:35:48,950

am i not big entertaining enough and

842

00:35:47,210 --> 00:35:50,990

then when it when it started to happen

843

00:35:48,949 --> 00:35:52,969

at the same point and several different

844

00:35:50,989 --> 00:35:54,199

shows I had kind of realized oh that's

845

00:35:52,969 --> 00:35:56,269

that's what's happening that it's the

846

00:35:54,199 --> 00:35:58,789

Ouija board because people still do

847

00:35:56,269 --> 00:36:00,860

actively believe the Ouija board is ave

848

00:35:58,789 --> 00:36:02,179

dangerous deadly device and that's

849

00:36:00,860 --> 00:36:04,519

that's something that's kind of been

850

00:36:02,179 --> 00:36:08,019

spread by by the Christian Church that

851

00:36:04,519 --> 00:36:10,039

the Ouija board is this satanic way of

852

00:36:08,019 --> 00:36:12,199

communicating with the other sign you're

853

00:36:10,039 --> 00:36:14,449

letting demons and demonic forces

854

00:36:12,199 --> 00:36:18,079

through in you are in danger if you use

855

00:36:14,449 --> 00:36:20,389

it good grief because I I've in fact

856
00:36:18,079 --> 00:36:22,130
disabled behind me under covered here

857
00:36:20,389 --> 00:36:24,349
I've got my very own Ouija board which I

858
00:36:22,130 --> 00:36:27,260
don't get out often i must admit but a

859
00:36:24,349 --> 00:36:29,929
couple of months ago listeners to the

860
00:36:27,260 --> 00:36:31,340
skeptic zone will remember our reporter

861
00:36:29,929 --> 00:36:33,259
main arden our friend ilithya and

862
00:36:31,340 --> 00:36:36,500
myself went on a ghost adventure a ghost

863
00:36:33,260 --> 00:36:38,630
tour to a graveyard where the organized

864
00:36:36,500 --> 00:36:41,360
is were busily pouring over the wig

865
00:36:38,630 --> 00:36:44,210
board and yeah it was a fascinating

866
00:36:41,360 --> 00:36:46,099
experience I must admit but as you and I

867
00:36:44,210 --> 00:36:47,599
know you know we certainly know these

868
00:36:46,099 --> 00:36:50,119
science behind the with you I wouldn't

869
00:36:47,599 --> 00:36:52,069
the ideomotor action but I'm I'm a

870
00:36:50,119 --> 00:36:54,289
little surprised that people would

871
00:36:52,070 --> 00:36:57,410
actually walk out were in fear I wonder

872
00:36:54,289 --> 00:37:01,969
well that's that's it I mean I've only

873
00:36:57,409 --> 00:37:04,339
really been called out by someone once

874
00:37:01,969 --> 00:37:06,769
and is a a woman who was a spiritualist

875
00:37:04,340 --> 00:37:08,420
and she she did while I was given the

876
00:37:06,769 --> 00:37:10,159
demonstration I was explaining the

877
00:37:08,420 --> 00:37:12,050
ideomotor effect i'll explain how it

878
00:37:10,159 --> 00:37:16,279
happened she started laughing and she

879
00:37:12,050 --> 00:37:18,890
very loudly and vocally called out that

880
00:37:16,280 --> 00:37:21,110
no no no it is genuine it is real ly i

881
00:37:18,889 --> 00:37:24,739
have seen it and obviously because i'm

882
00:37:21,110 --> 00:37:26,000
in a in a show environment um III don't

883
00:37:24,739 --> 00:37:27,889
want to get into an argument or debate

884

00:37:26,000 --> 00:37:30,860
i'm happy to kind of address people's

885
00:37:27,889 --> 00:37:33,559
concerns and people's criticisms but she

886
00:37:30,860 --> 00:37:35,059
was very very vocal on it but to her

887
00:37:33,559 --> 00:37:39,799
credit she did stay until the end of the

888
00:37:35,059 --> 00:37:41,900
show she didn't tip though she did she

889
00:37:39,800 --> 00:37:44,269
didn't did but she did you tip a table

890
00:37:41,900 --> 00:37:45,980
that's the question and unfortunately

891
00:37:44,269 --> 00:37:48,440
don't i don't actually include table

892
00:37:45,980 --> 00:37:49,670
tipping in this I I do a table

893
00:37:48,440 --> 00:37:53,240
levitation routine with us for

894
00:37:49,670 --> 00:37:54,980
demonstration purpose I did consider

895
00:37:53,239 --> 00:37:56,779
including table tipping but the show is

896
00:37:54,980 --> 00:37:58,039
starting to get too long so though there

897
00:37:56,780 --> 00:37:59,510
are things I really did want to include

898
00:37:58,039 --> 00:38:01,639

in the show that I've not been able to

899

00:37:59,510 --> 00:38:04,670

though I kind of cut back a right it

900

00:38:01,639 --> 00:38:06,879

turns into a 90-minute show and I want

901

00:38:04,670 --> 00:38:08,750

to try and keep it to just under an hour

902

00:38:06,880 --> 00:38:10,369

alright well like that that's

903

00:38:08,750 --> 00:38:12,860

understandable so it sounds like you do

904

00:38:10,369 --> 00:38:15,859

you do cover a lot of bases in there do

905

00:38:12,860 --> 00:38:17,690

you sort of bring it up right up to date

906

00:38:15,860 --> 00:38:22,760

and talk about the modern phenomenon of

907

00:38:17,690 --> 00:38:24,409

the stage psychics who talked to a huge

908

00:38:22,760 --> 00:38:27,110

audience and somehow look like they're

909

00:38:24,409 --> 00:38:29,509

contacting the dead that'll really

910

00:38:27,110 --> 00:38:31,190

depends on how quickly the shows going I

911

00:38:29,510 --> 00:38:33,290

did originally have it scheduled as a

912

00:38:31,190 --> 00:38:35,119

part of the show I I looked at things

913
00:38:33,289 --> 00:38:38,179
like cold reading and hot reading on

914
00:38:35,119 --> 00:38:40,670
stage demonstrations but because of

915
00:38:38,179 --> 00:38:44,419
where it has to go in the show em it it

916
00:38:40,670 --> 00:38:48,500
has a habit sometimes interfering with

917
00:38:44,420 --> 00:38:49,940
flug interesting yeah because it's a

918
00:38:48,500 --> 00:38:51,440
section that needs to

919
00:38:49,940 --> 00:38:53,900
towards the end why do talk a little bit

920
00:38:51,440 --> 00:38:57,950
about modern smoke communication very

921
00:38:53,900 --> 00:38:59,240
briefly mainly things like EVP and some

922
00:38:57,949 --> 00:39:02,269
of the ghost hunting device that are

923
00:38:59,239 --> 00:39:04,159
used so in that section I did talk a

924
00:39:02,269 --> 00:39:06,139
little bit about spirit communication on

925
00:39:04,159 --> 00:39:08,358
stage in a more modern setting but I

926
00:39:06,139 --> 00:39:11,449
found that it started to detract from

927

00:39:08,358 --> 00:39:14,539
the overall flow and so now I kind of

928

00:39:11,449 --> 00:39:16,159
keep that back for if as a QA I can kind

929

00:39:14,539 --> 00:39:18,619
of go into a little bit more I tell then

930

00:39:16,159 --> 00:39:21,129
I suppose in a sense that could be its

931

00:39:18,619 --> 00:39:24,500
very own show one day based on the more

932

00:39:21,130 --> 00:39:27,108
modern methods yeah absolutely i'm also

933

00:39:24,500 --> 00:39:29,210
I I do include a lot more detail on

934

00:39:27,108 --> 00:39:30,739
spoke communication in a show called how

935

00:39:29,210 --> 00:39:34,039
to be a psychic con man which is the

936

00:39:30,739 --> 00:39:35,598
sister show home to this one right which

937

00:39:34,039 --> 00:39:37,849
I'm hoping hopefully performing again

938

00:39:35,599 --> 00:39:38,720
later in the year but that I talked

939

00:39:37,849 --> 00:39:40,010
about it a little bit more in there

940

00:39:38,719 --> 00:39:41,568
because I talk about things like

941

00:39:40,010 --> 00:39:44,030
astrology as well and Barnum statements

942
00:39:41,568 --> 00:39:48,108
and so that has my turn a natural segue

943
00:39:44,030 --> 00:39:50,300
into cold reading and stage stage

944
00:39:48,108 --> 00:39:53,659
mediumship because it's kind of in that

945
00:39:50,300 --> 00:39:54,859
same ball park area so I some of the

946
00:39:53,659 --> 00:39:56,059
reason why I've not gone into in too

947
00:39:54,858 --> 00:39:58,519
much detail in the house talk to the

948
00:39:56,059 --> 00:40:01,159
dead so I didn't want to end up doubling

949
00:39:58,519 --> 00:40:02,929
you an audience it's interesting because

950
00:40:01,159 --> 00:40:06,190
a lot of people especially in my circles

951
00:40:02,929 --> 00:40:09,139
are very interested in the more modern

952
00:40:06,190 --> 00:40:11,088
guys of this talking to the dead the

953
00:40:09,139 --> 00:40:14,539
television psychic and the stage psychic

954
00:40:11,088 --> 00:40:16,429
and so on but the the history offered

955
00:40:14,539 --> 00:40:19,338

and in especially in the Victorian era

956

00:40:16,429 --> 00:40:20,750

and the séances we might say and all

957

00:40:19,338 --> 00:40:22,940

that sort of stuff is is so fascinating

958

00:40:20,750 --> 00:40:25,519

what what is it about that especially

959

00:40:22,940 --> 00:40:28,220

that caught your imagination I think

960

00:40:25,519 --> 00:40:33,349

it's the very theatrical nature of it

961

00:40:28,219 --> 00:40:34,669

i'm i'm a former by trade and so I've

962

00:40:33,349 --> 00:40:36,109

always been interested in performance

963

00:40:34,670 --> 00:40:38,210

styles and when I started getting

964

00:40:36,108 --> 00:40:39,739

interesting skepticism it was the power

965

00:40:38,210 --> 00:40:41,599

normal area that really interested me

966

00:40:39,739 --> 00:40:43,250

the most and I started getting them

967

00:40:41,599 --> 00:40:46,490

interested in magic as well as all that

968

00:40:43,250 --> 00:40:48,318

really merged together and I found

969

00:40:46,489 --> 00:40:50,139

myself really very very interested in

970
00:40:48,318 --> 00:40:52,909
Victorian séances in early 20th century

971
00:40:50,139 --> 00:40:55,608
séances and mediumship and so that's

972
00:40:52,909 --> 00:40:57,618
kind of where that all came from and

973
00:40:55,608 --> 00:40:59,900
it's just it's the theatrical nature of

974
00:40:57,619 --> 00:41:01,880
it and you don't really see séances like

975
00:40:59,900 --> 00:41:03,200
that anymore but you know you don't see

976
00:41:01,880 --> 00:41:05,559
them with a whole Saturday

977
00:41:03,199 --> 00:41:08,149
in the dark and levitating objects and

978
00:41:05,559 --> 00:41:10,369
spit full on spirit possessions with

979
00:41:08,150 --> 00:41:12,349
ectoplasm flowing out of all of the

980
00:41:10,369 --> 00:41:14,210
orifices and it's just a very very

981
00:41:12,349 --> 00:41:16,910
theatrical nature of it that really

982
00:41:14,210 --> 00:41:19,099
interested me yeah I think ectoplasm is

983
00:41:16,909 --> 00:41:20,929
sort of had its days of fat don't you

984
00:41:19,099 --> 00:41:24,109
yeah i think it was it was popular in

985
00:41:20,929 --> 00:41:28,098
the in the 30s and 40s it was quite

986
00:41:24,108 --> 00:41:30,650
popular i think the last well-known

987
00:41:28,099 --> 00:41:34,490
medium to to really employ it was Helen

988
00:41:30,650 --> 00:41:37,099
Duncan in the 1940s but yeah there's a

989
00:41:34,489 --> 00:41:38,689
very very short period of time I think

990
00:41:37,099 --> 00:41:41,690
it's because people very very quickly

991
00:41:38,690 --> 00:41:43,579
discovered how it was done and it's got

992
00:41:41,690 --> 00:41:45,588
easy methods of communicating it by the

993
00:41:43,579 --> 00:41:46,880
thirties and forties so I think it kind

994
00:41:45,588 --> 00:41:49,130
of disappeared very quickly which is a

995
00:41:46,880 --> 00:41:50,780
from a performance aspect is a bit of a

996
00:41:49,130 --> 00:41:54,349
shame because it's actually a wonderful

997
00:41:50,780 --> 00:41:55,880
if disgusting thing to see and edinboro

998

00:41:54,349 --> 00:41:57,140
such a wonderful place that is so full

999
00:41:55,880 --> 00:41:58,910
of history and there's so many good

1000
00:41:57,139 --> 00:42:01,069
skeptics up there what can you tell me

1001
00:41:58,909 --> 00:42:03,529
about The Skeptical seen in Edinburgh

1002
00:42:01,070 --> 00:42:05,930
generally so very very active actually

1003
00:42:03,530 --> 00:42:08,420
edameh skeptics was the first skeptical

1004
00:42:05,929 --> 00:42:10,578
group of the modern age anyway that was

1005
00:42:08,420 --> 00:42:13,550
a start in Scotland I started that back

1006
00:42:10,579 --> 00:42:15,710
in 2009 quite active a few years in it

1007
00:42:13,550 --> 00:42:17,539
and since I've kind of step back as i

1008
00:42:15,710 --> 00:42:19,760
work on more by my theatre main

1009
00:42:17,539 --> 00:42:21,800
statement side of things it's really

1010
00:42:19,760 --> 00:42:25,400
really grown they're very very very

1011
00:42:21,800 --> 00:42:27,260
active edameh skeptics alone to a lot

1012
00:42:25,400 --> 00:42:29,800

each year they have the fringe I'm each

1013

00:42:27,260 --> 00:42:32,089

year where they do three full weeks of

1014

00:42:29,800 --> 00:42:34,010

skeptics in the pub style talks every

1015

00:42:32,088 --> 00:42:37,549

single day of the fringe which is a

1016

00:42:34,010 --> 00:42:39,319

massive massive undertaking basically

1017

00:42:37,550 --> 00:42:41,920

doing two years worth of skeptics in the

1018

00:42:39,318 --> 00:42:44,568

pub over the course of three weeks

1019

00:42:41,920 --> 00:42:47,150

sounds too good to be true oh it's it's

1020

00:42:44,568 --> 00:42:48,800

fantastic absolutely wonderful and we've

1021

00:42:47,150 --> 00:42:50,990

had some great speakers going along with

1022

00:42:48,800 --> 00:42:53,119

hope you like AC Grayling's come along

1023

00:42:50,989 --> 00:42:55,338

to give talks or as we've had Richard

1024

00:42:53,119 --> 00:42:56,450

Wiseman Chris French a lot of New Berlin

1025

00:42:55,338 --> 00:42:59,960

come along has been absolutely wonderful

1026

00:42:56,449 --> 00:43:02,598

and outside of that there's they have

1027
00:42:59,960 --> 00:43:04,130
monthly meetings there's monthly book

1028
00:43:02,599 --> 00:43:06,920
clubs they have a monthly discussion and

1029
00:43:04,130 --> 00:43:09,140
debate group they have social outing so

1030
00:43:06,920 --> 00:43:10,880
it's very very very active and then

1031
00:43:09,139 --> 00:43:12,769
there's also a lot of interconnected

1032
00:43:10,880 --> 00:43:14,990
groups as well so you have the humanists

1033
00:43:12,769 --> 00:43:17,000
you have the student humanists and you

1034
00:43:14,989 --> 00:43:19,219
also have the 14 society which

1035
00:43:17,000 --> 00:43:21,980
although dealing with more well 14

1036
00:43:19,219 --> 00:43:24,049
issues is of interest quite a few of the

1037
00:43:21,980 --> 00:43:25,429
skeptics I myself being interested in

1038
00:43:24,050 --> 00:43:27,560
the paranormal supernatural do

1039
00:43:25,429 --> 00:43:30,799
occasionally go across to the 40 in

1040
00:43:27,559 --> 00:43:32,059
meetings so there's a lot to do and with

1041
00:43:30,800 --> 00:43:33,560
Edinburgh being the center of the

1042
00:43:32,059 --> 00:43:36,590
Scottish enlightenment as well it's just

1043
00:43:33,559 --> 00:43:39,079
such a wonderful city and it's great

1044
00:43:36,590 --> 00:43:41,210
that it's so active in skepticism that's

1045
00:43:39,079 --> 00:43:43,009
fantastic yeah I do lovely city I love

1046
00:43:41,210 --> 00:43:45,949
to visit I gave a talk there a couple of

1047
00:43:43,010 --> 00:43:48,290
years ago which was just a thrill to be

1048
00:43:45,949 --> 00:43:51,019
able to talk to the n brew skeptics it

1049
00:43:48,289 --> 00:43:52,519
was a wonderful place so that's the word

1050
00:43:51,019 --> 00:43:54,320
people if you're in Scotland you for an

1051
00:43:52,519 --> 00:43:56,599
Edinburgh check out the local skeptical

1052
00:43:54,320 --> 00:43:58,910
scene there i'll put a link on to the

1053
00:43:56,599 --> 00:44:00,380
show notes for this episode but ash I'm

1054
00:43:58,909 --> 00:44:02,329
getting back to your tour I'm just

1055

00:44:00,380 --> 00:44:05,210
scanning your website once again you're

1056
00:44:02,329 --> 00:44:08,239
going to be a very busy entertainer

1057
00:44:05,210 --> 00:44:12,079
you're in Newcastle in Maine as well as

1058
00:44:08,239 --> 00:44:16,429
Kadath as well as Lester as well as York

1059
00:44:12,079 --> 00:44:18,889
as well as Leeds and then in June you're

1060
00:44:16,429 --> 00:44:23,239
in bath and then Portsmouth and then

1061
00:44:18,889 --> 00:44:24,920
worthing Bedford Aberdeen Cambridge it

1062
00:44:23,239 --> 00:44:27,529
goes on and on and on yeah where can

1063
00:44:24,920 --> 00:44:30,800
people go to find out about your turn to

1064
00:44:27,530 --> 00:44:32,269
catch your show well the best place to

1065
00:44:30,800 --> 00:44:35,900
find out about the information of the

1066
00:44:32,269 --> 00:44:37,460
show is my website ash price co uk if

1067
00:44:35,900 --> 00:44:40,000
for whatever reason that's not working

1068
00:44:37,460 --> 00:44:42,170
so I'm in the process of switching over

1069
00:44:40,000 --> 00:44:44,090

servers at the moment I'm getting a

1070

00:44:42,170 --> 00:44:46,190

fully functional website you can also

1071

00:44:44,090 --> 00:44:48,710

check out on my blog Ashley James Price

1072

00:44:46,190 --> 00:44:51,440

dot wordpress com and that's in both

1073

00:44:48,710 --> 00:44:52,519

cases is price with why and so all the

1074

00:44:51,440 --> 00:44:55,820

information is on there and actually

1075

00:44:52,519 --> 00:44:57,469

there's more dates being added there's

1076

00:44:55,820 --> 00:45:00,470

about three more dates that I need to be

1077

00:44:57,469 --> 00:45:03,109

heading to the to the list it is and

1078

00:45:00,469 --> 00:45:04,789

it's actually it's it's now covering as

1079

00:45:03,110 --> 00:45:07,510

a northern ireland date that's added so

1080

00:45:04,789 --> 00:45:10,849

it's it's covering all fours of the UK

1081

00:45:07,510 --> 00:45:12,800

so that's just fantastic because as I

1082

00:45:10,849 --> 00:45:15,259

scan down the website now it just goes

1083

00:45:12,800 --> 00:45:16,910

on and on and on until October mm-hm so

1084
00:45:15,260 --> 00:45:19,160
yeah that's that's really good to see

1085
00:45:16,909 --> 00:45:23,480
absolutely what a pity Sydney isn't on

1086
00:45:19,159 --> 00:45:26,000
that list yet mmm yes well um if I if we

1087
00:45:23,480 --> 00:45:27,500
can find a easy way for me to get there

1088
00:45:26,000 --> 00:45:29,579
I'm more than happy to come and visit

1089
00:45:27,500 --> 00:45:32,369
the Australian

1090
00:45:29,579 --> 00:45:34,619
summer that's not a bad idea you know

1091
00:45:32,369 --> 00:45:37,289
ash I might have a word with a few

1092
00:45:34,619 --> 00:45:39,239
people but under then Ashley price ash

1093
00:45:37,289 --> 00:45:41,009
price thanks again for joining us on the

1094
00:45:39,239 --> 00:45:43,919
skeptic sound and all the best with the

1095
00:45:41,010 --> 00:45:45,810
tour and who knows maybe one day we can

1096
00:45:43,920 --> 00:46:00,720
see it here in Australia thanks having

1097
00:45:45,809 --> 00:46:03,150
me did you see that UFO sighting that

1098
00:46:00,719 --> 00:46:04,829
made the news what did that latest study

1099
00:46:03,150 --> 00:46:07,260
about alternative treatments really say

1100
00:46:04,829 --> 00:46:10,230
is this photo making the rounds real or

1101
00:46:07,260 --> 00:46:12,090
hoax doubtful news is a unique website

1102
00:46:10,230 --> 00:46:14,250
featuring news about pseudoscience the

1103
00:46:12,090 --> 00:46:15,950
paranormal anomalies and questionable

1104
00:46:14,250 --> 00:46:18,900
claims framed with the skeptical view

1105
00:46:15,949 --> 00:46:20,659
come visit doubtful newscom every day

1106
00:46:18,900 --> 00:46:24,389
for news about cryptozoology

1107
00:46:20,659 --> 00:46:27,299
conspiracies shams scams and more follow

1108
00:46:24,389 --> 00:46:28,859
us on twitter at doubtful news critical

1109
00:46:27,300 --> 00:46:31,140
thinking is essential in assessing

1110
00:46:28,860 --> 00:46:34,970
today's news duffel news helps you

1111
00:46:31,139 --> 00:46:34,969
decide can you really believe this stuff

1112

00:46:48,199 --> 00:46:53,309
thank you for listening to the skeptics

1113
00:46:50,610 --> 00:46:56,099
on Joe alabaster who has been my co-host

1114
00:46:53,309 --> 00:46:58,170
this week what a what a frightening

1115
00:46:56,099 --> 00:47:00,389
report from Heidi Robertson at the top

1116
00:46:58,170 --> 00:47:01,950
of the show it is frightening it's

1117
00:47:00,389 --> 00:47:03,299
really concerning some of the things

1118
00:47:01,949 --> 00:47:05,639
that people think are appropriate for

1119
00:47:03,300 --> 00:47:07,710
treating burns it really is Thank You

1120
00:47:05,639 --> 00:47:11,279
Heidi for that report are very important

1121
00:47:07,710 --> 00:47:12,809
report I thought and Joe oh I Joe I hope

1122
00:47:11,280 --> 00:47:15,360
we can have some more evidence please

1123
00:47:12,809 --> 00:47:17,250
from you in the coming weeks well given

1124
00:47:15,360 --> 00:47:20,130
that you said please Richard I think

1125
00:47:17,250 --> 00:47:21,539
that that could be a thing yet I just

1126
00:47:20,130 --> 00:47:24,360

like to actually take the opportunity to

1127

00:47:21,539 --> 00:47:26,730

say thank you to people on Twitter who

1128

00:47:24,360 --> 00:47:28,710

have given me messages after they've

1129

00:47:26,730 --> 00:47:30,570

listened to my reports and the zone in

1130

00:47:28,710 --> 00:47:32,070

general it's really interesting to get

1131

00:47:30,570 --> 00:47:34,320

your feedback and I appreciate it very

1132

00:47:32,070 --> 00:47:37,890

much and what's your Twitter handle Joe

1133

00:47:34,320 --> 00:47:40,980

at Joe alabaster and your website is

1134

00:47:37,889 --> 00:47:43,230

evidence please don't net very easy to

1135

00:47:40,980 --> 00:47:44,880

remember folks and yes thank you for

1136

00:47:43,230 --> 00:47:49,260

your feedback and of course people can

1137

00:47:44,880 --> 00:47:51,119

visit the skeptic zone Facebook and the

1138

00:47:49,260 --> 00:47:54,180

website and the website and your website

1139

00:47:51,119 --> 00:47:56,789

which has just been revamped wwk pegs on

1140

00:47:54,179 --> 00:47:58,829

TV check it out it's a lot slicker it's

1141
00:47:56,789 --> 00:48:01,050
a lot more easy to find things on the

1142
00:47:58,829 --> 00:48:03,719
website now and we've added a shop and

1143
00:48:01,050 --> 00:48:05,280
if I might give a personal plug it all

1144
00:48:03,719 --> 00:48:07,019
goes to help the zone I've put up lots

1145
00:48:05,280 --> 00:48:08,519
of origami posters because I've been

1146
00:48:07,019 --> 00:48:10,050
doing origami for years I've written

1147
00:48:08,519 --> 00:48:12,179
lots of books about it and DVDs and

1148
00:48:10,050 --> 00:48:14,430
things I've made a range of origami

1149
00:48:12,179 --> 00:48:16,259
posters featuring Pegasus and elephants

1150
00:48:14,429 --> 00:48:20,159
and birds and all sorts of things hi

1151
00:48:16,260 --> 00:48:22,560
sorry o mine are you ouo once the

1152
00:48:20,159 --> 00:48:25,170
elephant's birds oh my oh I see very

1153
00:48:22,559 --> 00:48:27,599
funny Joella basma um so check it out

1154
00:48:25,170 --> 00:48:29,250
you can buy those posters and and I

1155
00:48:27,599 --> 00:48:31,289
think they look great in kids rooms and

1156
00:48:29,250 --> 00:48:33,559
schools and things like that and your

1157
00:48:31,289 --> 00:48:36,779
kids have something they do indeed oh

1158
00:48:33,559 --> 00:48:38,579
well Joe I'm going to have another

1159
00:48:36,780 --> 00:48:39,780
coffee why I'm enjoying your company up

1160
00:48:38,579 --> 00:48:41,400
here in the Blue Mountains and then I'll

1161
00:48:39,780 --> 00:48:43,859
have to take the train back down to

1162
00:48:41,400 --> 00:48:45,539
Sydney there are beautiful views to be

1163
00:48:43,858 --> 00:48:47,549
seen on the way done but it is a long

1164
00:48:45,539 --> 00:48:50,159
ride it is a bit of a long ride but

1165
00:48:47,550 --> 00:48:52,680
really enjoyable until next week this is

1166
00:48:50,159 --> 00:48:55,049
Richard Saunders and Joe alabaster

1167
00:48:52,679 --> 00:48:57,710
signing off from the Blue Mountains here

1168
00:48:55,050 --> 00:48:57,710
in Australia

1169

00:48:59,449 --> 00:49:05,608
you've been listening to the skeptics

1170
00:49:01,858 --> 00:49:08,578
own podcast visit our website at WCA

1171
00:49:05,608 --> 00:49:12,480
pegs on TV for contacts and archive of

1172
00:49:08,579 --> 00:49:15,150
all episodes since 2008 and our online

1173
00:49:12,480 --> 00:49:17,838
store please support the skeptic zone by

1174
00:49:15,150 --> 00:49:20,849
following us on twitter at skeptic zone

1175
00:49:17,838 --> 00:49:23,909
liking us on facebook and leaving a

1176
00:49:20,849 --> 00:49:26,789
review on iTunes you can also show your

1177
00:49:23,909 --> 00:49:30,268
support by subscribing via paypal for as

1178
00:49:26,789 --> 00:49:32,609
little as 99 cents a week the skeptic

1179
00:49:30,268 --> 00:49:34,288
zone is an independent production the

1180
00:49:32,608 --> 00:49:36,389
views and opinions expressed on the

1181
00:49:34,289 --> 00:49:39,079
skeptic zone and not necessarily those

1182
00:49:36,389 --> 00:49:42,889
of Australian skeptically or any other

1183
00:49:39,079 --> 00:49:42,890

skeptical organization

1184

00:49:48,748 --> 00:49:53,498
then it's dr. Baba a good friend dr.

1185

00:49:51,940 --> 00:49:59,079
Steve Roberts who's the sponsor of the

1186

00:49:53,498 --> 00:50:04,149
show he's going to be talking about bad

1187

00:49:59,079 --> 00:50:07,749
birds yep cockatoos look at them all

1188

00:50:04,150 --> 00:50:09,039
holy mackerel yeah be invaded oh when

1189

00:50:07,748 --> 00:50:11,649
they go straight over the house it's

1190

00:50:09,039 --> 00:50:15,369
quite amazing so we don't get plane

1191

00:50:11,650 --> 00:50:26,318
noise here but we get birds they were

1192

00:50:15,369 --> 00:50:29,318
shut up no they won't yeah all right all

1193

00:50:26,318 --> 00:50:31,329
right dr. Bell dr. up and after that

1194

00:50:29,318 --> 00:50:36,239
it's dr. Bob a good friend dr. Steve

1195

00:50:31,329 --> 00:50:36,239
Roberts also known as dr. Bob with that