

**SKEPTIC  
ZONE**



THINKING CAPS  
MUST BE WORN  
IN THIS AREA

The  
Podcast  
from  
Australia  
for  
Science  
and  
Reason

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

1  
00:00:26,710 --> 00:00:23,780  
hello and welcome to the skeptic zone

2  
00:00:29,930 --> 00:00:26,720  
episode number 24 the sixth of March

3  
00:00:32,720 --> 00:00:29,940  
2009 Richard Saunders with you once

4  
00:00:34,700 --> 00:00:32,730  
again this week's episode we have an

5  
00:00:37,910 --> 00:00:34,710  
interview with Professor Richard Wiseman

6  
00:00:40,070 --> 00:00:37,920  
famous for his quirkology and then we'll

7  
00:00:42,530 --> 00:00:40,080  
have a little segment I recorded at

8  
00:00:45,500 --> 00:00:42,540  
Sydney skeptics in the pub where we talk

9  
00:00:48,590 --> 00:00:45,510  
about quackery and hear a song from Dave

10  
00:00:50,690 --> 00:00:48,600  
the happy singer now a big thank you to

11  
00:00:54,590 --> 00:00:50,700  
everybody who listens to the show and

12  
00:00:57,710 --> 00:00:54,600  
subscribes and a plea if you really like

13  
00:01:01,490 --> 00:00:57,720

the show let people know blog about us

14

00:01:03,740 --> 00:01:01,500

write reviews on iTunes about us send

15

00:01:05,810 --> 00:01:03,750

emails about us scribble on walls sing

16

00:01:09,560 --> 00:01:05,820

songs about us whatever you'd like to do

17

00:01:11,420 --> 00:01:09,570

we would really appreciate it so having

18

00:01:14,030 --> 00:01:11,430

said that let's get on to this week's

19

00:01:19,610 --> 00:01:14,040

episode and our interview with Professor

20

00:01:22,399 --> 00:01:19,620

Richard Wiseman Professor Richard

21

00:01:25,160 --> 00:01:22,409

Wiseman is based at the University of

22

00:01:27,320 --> 00:01:25,170

Hartford share in the UK and has gained

23

00:01:29,170 --> 00:01:27,330

an international reputation for research

24

00:01:32,750 --> 00:01:29,180

into quirky areas of psychology

25

00:01:35,300 --> 00:01:32,760

including deception humor luck and the

26  
00:01:37,280 --> 00:01:35,310  
paranormal professor Wiseman has written

27  
00:01:39,980 --> 00:01:37,290  
the luck factor a best-selling book

28  
00:01:41,950 --> 00:01:39,990  
exploring the lives and minds of lucky

29  
00:01:44,420 --> 00:01:41,960  
people his latest book quirkology

30  
00:01:47,270 --> 00:01:44,430  
explores a curious science of everyday

31  
00:01:53,270 --> 00:01:47,280  
life including the psychology of lying

32  
00:01:59,310 --> 00:01:57,210  
and we're joined by Richard Wiseman our

33  
00:02:02,160 --> 00:01:59,320  
good morning or good afternoon or good

34  
00:02:03,750 --> 00:02:02,170  
evening i think richard wiseman good

35  
00:02:06,300 --> 00:02:03,760  
evening actually yes we're we're talking

36  
00:02:07,560 --> 00:02:06,310  
nine o'clock and evening my time so yep

37  
00:02:09,719 --> 00:02:07,570  
good morning to you and good evening

38  
00:02:13,020 --> 00:02:09,729

from me it sounds like the Two Ronnies

39

00:02:15,540 --> 00:02:13,030

almost doesn't and then it's great very

40

00:02:18,480 --> 00:02:15,550

impoverished version of the two if the

41

00:02:20,250 --> 00:02:18,490

team Richard if if you're being very

42

00:02:22,920 --> 00:02:20,260

kind about how you might label us yes

43

00:02:25,110 --> 00:02:22,930

that's right that's right now I have a

44

00:02:26,790 --> 00:02:25,120

copy of I'm just gonna jump straight

45

00:02:29,250 --> 00:02:26,800

away in having a quick chat about your

46

00:02:30,750 --> 00:02:29,260

book quirkology I have a copy in front

47

00:02:34,949 --> 00:02:30,760

of me at the moment and it's got a very

48

00:02:37,320 --> 00:02:34,959

clever cover the cover is indeed an

49

00:02:38,820 --> 00:02:37,330

optical illusion which you described

50

00:02:40,920 --> 00:02:38,830

later on in the book is that the only

51  
00:02:44,610 --> 00:02:40,930  
cover for the book or is there other

52  
00:02:46,740 --> 00:02:44,620  
covers and was that your idea um the I

53  
00:02:50,160 --> 00:02:46,750  
think there are several other covers but

54  
00:02:52,350 --> 00:02:50,170  
that is my favorite cover and it was

55  
00:02:54,840 --> 00:02:52,360  
indeed my idea so there are it's a

56  
00:02:57,240 --> 00:02:54,850  
particular clever one those I'm proud of

57  
00:02:58,920 --> 00:02:57,250  
it if there are actually two experiments

58  
00:03:00,870 --> 00:02:58,930  
or two bits of psychology built into the

59  
00:03:02,789 --> 00:03:00,880  
cover the first one is the optical

60  
00:03:04,380 --> 00:03:02,799  
illusion as you say that obviously we're

61  
00:03:06,150 --> 00:03:04,390  
on the radio here so people won't be

62  
00:03:08,490 --> 00:03:06,160  
able to see it basically so here human

63  
00:03:10,050 --> 00:03:08,500

face that is you turn upside down kind

64

00:03:12,720 --> 00:03:10,060

of transformed into a particularly ugly

65

00:03:15,000 --> 00:03:12,730

and bizarre face but an important thing

66

00:03:17,910 --> 00:03:15,010

and this is the secret experiment is

67

00:03:19,920 --> 00:03:17,920

that it's a woman's face and on half of

68

00:03:23,970 --> 00:03:19,930

the books her pupils have been enlarged

69

00:03:25,800 --> 00:03:23,980

just by a tiny tiny amount and then we

70

00:03:28,110 --> 00:03:25,810

can track where the men or women were

71

00:03:29,640 --> 00:03:28,120

buying those two different covers and we

72

00:03:31,440 --> 00:03:29,650

found that around about twenty percent

73

00:03:33,210 --> 00:03:31,450

more guys brought the cover with the

74

00:03:34,949 --> 00:03:33,220

enlarged pupils even they had they had

75

00:03:36,930 --> 00:03:34,959

no idea that's why they bought that

76

00:03:38,580 --> 00:03:36,940

version of the book so we can add a

77

00:03:41,250 --> 00:03:38,590

little secret experiment go into the

78

00:03:45,420 --> 00:03:41,260

book as well see the trouble is I only

79

00:03:48,569 --> 00:03:45,430

have one copy and I can't hear it I

80

00:03:50,729 --> 00:03:48,579

think yet if you turn it over has it got

81

00:03:53,940 --> 00:03:50,739

a black or yellow bar across the the

82

00:03:56,780 --> 00:03:53,950

back of it by the barcode like okay then

83

00:03:59,400 --> 00:03:56,790

in which case you have the enlarged but

84

00:04:01,949 --> 00:03:59,410

yet you have the large version there so

85

00:04:04,979 --> 00:04:01,959

there we go you may be a participant in

86

00:04:05,940 --> 00:04:04,989

ER yeah although I must say it was a

87

00:04:08,910 --> 00:04:05,950

gift from

88

00:04:10,710 --> 00:04:08,920

female so there you go other the reason

89

00:04:12,540 --> 00:04:10,720

she gave it away is she see that woman

90

00:04:14,729 --> 00:04:12,550

on the front as a threat because you're

91

00:04:16,560 --> 00:04:14,739

such an attractive woman to other guys

92

00:04:19,009 --> 00:04:16,570

so all fits in with my theory which I've

93

00:04:21,960 --> 00:04:19,019

just made up to fit the data there I

94

00:04:23,610 --> 00:04:21,970

believe you somehow I believe every word

95

00:04:25,800 --> 00:04:23,620

you're saying so there you go from I

96

00:04:28,219 --> 00:04:25,810

mean not only and that's just a cover

97

00:04:30,510 --> 00:04:28,229

that's just the cover the fun and games

98

00:04:32,159 --> 00:04:30,520

you haven't even started on the book

99

00:04:34,530 --> 00:04:32,169

they're already it fascinating that

100

00:04:36,270 --> 00:04:34,540

really is and I take it that book is

101  
00:04:38,580 --> 00:04:36,280  
done remarkably well for you it's a tie

102  
00:04:41,340 --> 00:04:38,590  
in with your website more or less isn't

103  
00:04:44,580 --> 00:04:41,350  
it yeah well the website there is to

104  
00:04:46,680 --> 00:04:44,590  
work to promote it and it's kind of I

105  
00:04:50,310 --> 00:04:46,690  
got a proud of the quirkology because

106  
00:04:52,680 --> 00:04:50,320  
it's about 10-15 years of my work put

107  
00:04:55,080 --> 00:04:52,690  
into the single volume and it covers a

108  
00:04:57,060 --> 00:04:55,090  
huge amount of my stuff from the fire

109  
00:04:59,760 --> 00:04:57,070  
walking through to the line through some

110  
00:05:01,530 --> 00:04:59,770  
of the parapsychology and it just really

111  
00:05:03,360 --> 00:05:01,540  
is the type of psychology that I adore

112  
00:05:04,680 --> 00:05:03,370  
and I just get terribly excited about

113  
00:05:06,870 --> 00:05:04,690

and it just makes me sad there's not

114

00:05:08,430 --> 00:05:06,880

more of it out there and I just thought

115

00:05:10,500 --> 00:05:08,440

you know it's nice to put into a single

116

00:05:12,090 --> 00:05:10,510

volume it has gone all around the world

117

00:05:15,000 --> 00:05:12,100

i think we've sold in about 30 different

118

00:05:16,620 --> 00:05:15,010

languages now and it's just so great to

119

00:05:18,150 --> 00:05:16,630

get feedback particularly for students

120

00:05:19,830 --> 00:05:18,160

who say you know i'm into psychology

121

00:05:21,510 --> 00:05:19,840

because of that book you know did

122

00:05:23,670 --> 00:05:21,520

wonderful it's interesting you should

123

00:05:26,340 --> 00:05:23,680

mention fire walking with because the

124

00:05:27,990 --> 00:05:26,350

first time i met you was in fact almost

125

00:05:30,480 --> 00:05:28,000

10 years ago here in sydney australia

126

00:05:32,790 --> 00:05:30,490

when you were speaking at the third

127

00:05:35,040 --> 00:05:32,800

international world skeptics meeting or

128

00:05:37,770 --> 00:05:35,050

convention and that's why i remember i

129

00:05:40,800 --> 00:05:37,780

came across as an eighteen-year-old ten

130

00:05:43,350 --> 00:05:40,810

years ago and we had a great time had a

131

00:05:44,730 --> 00:05:43,360

great time right it was it was a

132

00:05:46,800 --> 00:05:44,740

marvelous time you did a little bit of

133

00:05:48,390 --> 00:05:46,810

cheesy stage magic but that the best

134

00:05:51,029 --> 00:05:48,400

thing about your talk and what do you

135

00:05:53,400 --> 00:05:51,039

mean cheesy stage magic that was highly

136

00:05:54,960 --> 00:05:53,410

rehearse extremely classy act i'll have

137

00:05:56,820 --> 00:05:54,970

you know I traveled the world with act

138

00:05:59,279 --> 00:05:56,830

as to keep moving all the time for

139

00:06:01,260 --> 00:05:59,289

obvious reasons but yes cheesy stage

140

00:06:03,000 --> 00:06:01,270

magic can't believe it I think we're

141

00:06:04,320 --> 00:06:03,010

finishing the interview now all right go

142

00:06:06,360 --> 00:06:04,330

on and carry on this is this give you

143

00:06:08,159 --> 00:06:06,370

another five minutes very generous of

144

00:06:11,010 --> 00:06:08,169

you anyway you're doing this cheesy

145

00:06:14,219 --> 00:06:11,020

stage magic but the best thing the best

146

00:06:15,839 --> 00:06:14,229

thing you did and which really caught my

147

00:06:17,350 --> 00:06:15,849

attention in the crowd at the time of

148

00:06:18,730 --> 00:06:17,360

course is you

149

00:06:20,860 --> 00:06:18,740

I think was one of the first times you

150

00:06:23,860 --> 00:06:20,870

showed publicly or screen publicly the

151  
00:06:26,350 --> 00:06:23,870  
famous firewalking video where you had

152  
00:06:28,330 --> 00:06:26,360  
the gurus who sincerely believed in

153  
00:06:30,339 --> 00:06:28,340  
magical powers walk across the pit of

154  
00:06:31,809 --> 00:06:30,349  
fire now for the three people out there

155  
00:06:33,700 --> 00:06:31,819  
listening who may not have seen this

156  
00:06:35,640 --> 00:06:33,710  
video is probably on YouTube everywhere

157  
00:06:37,749 --> 00:06:35,650  
by now could you explain that for us

158  
00:06:40,899 --> 00:06:37,759  
that was something I did with the BBC

159  
00:06:43,300 --> 00:06:40,909  
and over the years I always worked with

160  
00:06:45,760 --> 00:06:43,310  
them to create experiments and science

161  
00:06:47,770 --> 00:06:45,770  
and psychology shows and one day I had

162  
00:06:49,929 --> 00:06:47,780  
the idea of creating the world's longest

163  
00:06:51,730 --> 00:06:49,939

firewall to test these paranormalists

164

00:06:53,320 --> 00:06:51,740

who said that it was nothing to do with

165

00:06:54,640 --> 00:06:53,330

physics i mean the physics of it is very

166

00:06:56,589 --> 00:06:54,650

little heat is transferred from the

167

00:06:58,300 --> 00:06:56,599

coals to your feet um but they were

168

00:07:00,399 --> 00:06:58,310

saying no no no that's not the case we

169

00:07:02,140 --> 00:07:00,409

use our mental abilities to put a kind

170

00:07:04,570 --> 00:07:02,150

of energetic force field around their

171

00:07:06,459 --> 00:07:04,580

body and yet we're still only walking to

172

00:07:08,589 --> 00:07:06,469

10 or 12 feet that scientist said well

173

00:07:10,390 --> 00:07:08,599

you'll be perfectly safe so I went into

174

00:07:11,860 --> 00:07:10,400

the BBC meeting and said come on guys

175

00:07:14,409 --> 00:07:11,870

why don't we test this by building the

176

00:07:16,390 --> 00:07:14,419

world's longest fire walk still to this

177

00:07:19,059 --> 00:07:16,400

day I was amazed that they turned around

178

00:07:21,850 --> 00:07:19,069

and said yep good idea let's do that

179

00:07:23,379 --> 00:07:21,860

let's test test them live I think the

180

00:07:25,180 --> 00:07:23,389

rationale was that either these guys

181

00:07:27,219 --> 00:07:25,190

will get to the end of the fire walk and

182

00:07:29,379 --> 00:07:27,229

therefore overturn bird the known laws

183

00:07:31,360 --> 00:07:29,389

of physics or they would burn themselves

184

00:07:34,899 --> 00:07:31,370

very badly trying and either way it was

185

00:07:37,510 --> 00:07:34,909

going to be good television so we set up

186

00:07:40,029 --> 00:07:37,520

this huge firewalkers 50 or 60 feet long

187

00:07:42,579 --> 00:07:40,039

live these paranormalists spend the day

188

00:07:43,629 --> 00:07:42,589

meditating they were professionals in

189

00:07:45,430 --> 00:07:43,639

the sense they made their living by

190

00:07:47,110 --> 00:07:45,440

teaching meditation techniques and then

191

00:07:49,420 --> 00:07:47,120

getting people to walk across the fire

192

00:07:51,610 --> 00:07:49,430

and exactly as predicted by physics

193

00:07:53,800 --> 00:07:51,620

around 15 20 feet in they burn

194

00:07:56,110 --> 00:07:53,810

themselves in order to jump off the

195

00:07:57,189 --> 00:07:56,120

coals they needed to dig deep dig deeper

196

00:07:59,140 --> 00:07:57,199

into the coals and that's where the

197

00:08:01,149 --> 00:07:59,150

really hot stuff is so they did get

198

00:08:02,559 --> 00:08:01,159

second-degree burns and so the final

199

00:08:05,439 --> 00:08:02,569

shots are them on the ground being

200

00:08:07,600 --> 00:08:05,449

attended to by paramedics and so it's a

201  
00:08:09,730 --> 00:08:07,610  
very startling piece of footage i have

202  
00:08:13,059 --> 00:08:09,740  
shown as you say all the way around the

203  
00:08:15,879 --> 00:08:13,069  
world and adds in the book as well and

204  
00:08:18,070 --> 00:08:15,889  
again what i like about it is that it's

205  
00:08:19,990 --> 00:08:18,080  
an unusual twist on the fire walking

206  
00:08:22,450 --> 00:08:20,000  
skeptics been doing that for quite a

207  
00:08:23,980 --> 00:08:22,460  
long time and those demos are great but

208  
00:08:25,300 --> 00:08:23,990  
what i'd like to do is come along and

209  
00:08:27,129 --> 00:08:25,310  
just kind of put a little bit a

210  
00:08:28,959 --> 00:08:27,139  
different twist on it and and that was

211  
00:08:30,910 --> 00:08:28,969  
nice to see a paranormal claim being

212  
00:08:33,220 --> 00:08:30,920  
tested and shot down in such a sword

213  
00:08:35,140 --> 00:08:33,230

dramatic way now of course we here in

214

00:08:37,660 --> 00:08:35,150

Australia and those strangers to having

215

00:08:40,420 --> 00:08:37,670

all sorts of interesting excuses

216

00:08:43,240 --> 00:08:40,430

presented to us upon the failure of of

217

00:08:44,770 --> 00:08:43,250

claimants be awarded divining or talking

218

00:08:48,250 --> 00:08:44,780

to the dead or whatever the case may be

219

00:08:51,610 --> 00:08:48,260

did your firewalking gurus rationalize

220

00:08:53,080 --> 00:08:51,620

their failure somehow I mean that has

221

00:08:54,850 --> 00:08:53,090

been my experience as well I should just

222

00:08:56,710 --> 00:08:54,860

say over the years I've tested lots of

223

00:08:58,450 --> 00:08:56,720

mediums and psychics and when they've

224

00:09:00,820 --> 00:08:58,460

all failed the test as they have i've

225

00:09:02,470 --> 00:09:00,830

yet to have any single one go all that's

226

00:09:05,710 --> 00:09:02,480

it I don't have these abilities here

227

00:09:07,180 --> 00:09:05,720

silly me then as you say they're very

228

00:09:08,920 --> 00:09:07,190

good as we all are actually

229

00:09:12,490 --> 00:09:08,930

rationalizing away leave the evidence

230

00:09:13,570 --> 00:09:12,500

and so yes with the fire walking some of

231

00:09:15,610 --> 00:09:13,580

them thought they didn't have enough

232

00:09:17,650 --> 00:09:15,620

time to meditate others thought that the

233

00:09:19,270 --> 00:09:17,660

cameras are put them off there was one

234

00:09:21,940 --> 00:09:19,280

woman who is very interesting who

235

00:09:23,680 --> 00:09:21,950

refused to walk having seen her

236

00:09:25,510 --> 00:09:23,690

colleagues burnt and I said to her

237

00:09:27,070 --> 00:09:25,520

afterwards why was that and she said

238

00:09:28,930 --> 00:09:27,080

well actually for me it's about having

239

00:09:31,540 --> 00:09:28,940

with guardian angel with me other

240

00:09:33,610 --> 00:09:31,550

protects me from the the heat and just

241

00:09:35,470 --> 00:09:33,620

before I was about to walk my guardian

242

00:09:37,300 --> 00:09:35,480

angel vanished and so therefore I wasn't

243

00:09:39,070 --> 00:09:37,310

prepared to walk which I thought was a

244

00:09:40,360 --> 00:09:39,080

kind of interesting guardian angel

245

00:09:41,920 --> 00:09:40,370

because it's that one was only there for

246

00:09:45,220 --> 00:09:41,930

the good times as soon as they go and

247

00:09:46,810 --> 00:09:45,230

get tough they leave so yeah it's oh

248

00:09:49,660 --> 00:09:46,820

yeah exactly as we've seen over the

249

00:09:51,250 --> 00:09:49,670

years we sort of test do nothing to

250

00:09:53,650 --> 00:09:51,260

change the mind the people who claim

251

00:09:56,770 --> 00:09:53,660

these abilities I think what they do do

252

00:09:58,840 --> 00:09:56,780

is change the minds of the open minded

253

00:10:00,640 --> 00:09:58,850

public you see that and then suddenly

254

00:10:02,260 --> 00:10:00,650

start to doubt we're never going to

255

00:10:03,850 --> 00:10:02,270

attach the extreme believers because

256

00:10:04,990 --> 00:10:03,860

like the claimants themselves they're

257

00:10:06,880 --> 00:10:05,000

going to have a reason to say all this

258

00:10:08,890 --> 00:10:06,890

test wasn't fair but I think there's a

259

00:10:10,870 --> 00:10:08,900

vast majority of people who are open

260

00:10:13,060 --> 00:10:10,880

minded who do see this stuff and it does

261

00:10:15,610 --> 00:10:13,070

change their minds yes you're quite

262

00:10:18,250 --> 00:10:15,620

right I think that the best thing we can

263

00:10:20,260 --> 00:10:18,260

do is when we filming these or

264

00:10:23,680 --> 00:10:20,270

presenting Liza's keep in mind the open

265

00:10:25,750 --> 00:10:23,690

minded public out there because we have

266

00:10:28,290 --> 00:10:25,760

yet to have the experience where a

267

00:10:30,730 --> 00:10:28,300

believer said to us you know well I've

268

00:10:32,350 --> 00:10:30,740

completely failed this test gee I must

269

00:10:36,010 --> 00:10:32,360

seriously question my own magical

270

00:10:38,590 --> 00:10:36,020

abilities maybe one day it'll happen but

271

00:10:41,680 --> 00:10:38,600

putting these things online as that

272

00:10:44,470 --> 00:10:41,690

video no doubt is you're finding great

273

00:10:46,689 --> 00:10:44,480

success with your own videos on YouTube

274

00:10:48,790 --> 00:10:46,699

and I think probably your most famous

275

00:10:51,129 --> 00:10:48,800

one would be the color change and I've

276  
00:10:53,259 --> 00:10:51,139  
actually seen other people completely

277  
00:10:55,090 --> 00:10:53,269  
copy that and then credit you right at

278  
00:10:57,100 --> 00:10:55,100  
the end of their presentation are you

279  
00:11:00,939 --> 00:10:57,110  
surprised how popular that particular

280  
00:11:03,160 --> 00:11:00,949  
video has become our after Lee amazed

281  
00:11:05,710 --> 00:11:03,170  
utterly amazed i had the idea for it in

282  
00:11:07,600 --> 00:11:05,720  
my head for about six months I you have

283  
00:11:10,030 --> 00:11:07,610  
to get it just right and I kept changing

284  
00:11:11,530 --> 00:11:10,040  
all bits of it my head re running it and

285  
00:11:14,110 --> 00:11:11,540  
thinking no that's not quite right i

286  
00:11:16,030 --> 00:11:14,120  
mean people haven't seen it basically it

287  
00:11:17,740 --> 00:11:16,040  
looks like a card trick actually there's

288  
00:11:19,990 --> 00:11:17,750

something else going the camera work has

289

00:11:22,240 --> 00:11:20,000

to be very precise on it so i was

290

00:11:24,790 --> 00:11:22,250

carrying around the idea and then one

291

00:11:26,650 --> 00:11:24,800

day I just said to the team in the lab I

292

00:11:28,240 --> 00:11:26,660

think that's just get together and film

293

00:11:29,829 --> 00:11:28,250

this thing and see what it looks like

294

00:11:32,139 --> 00:11:29,839

and we spent a pretty much a day for all

295

00:11:34,569 --> 00:11:32,149

day filming it there's around about 60

296

00:11:37,030 --> 00:11:34,579

takes of it and eventually ended up some

297

00:11:39,040 --> 00:11:37,040

footage we liked and just stuck it out

298

00:11:42,370 --> 00:11:39,050

there had no idea at all whether it

299

00:11:45,400 --> 00:11:42,380

would take off it did it became a viral

300

00:11:48,069 --> 00:11:45,410

video because of that a platform for

301  
00:11:51,670 --> 00:11:48,079  
some of the other quirkology videos as

302  
00:11:53,230 --> 00:11:51,680  
well so yeah it is amazing and the

303  
00:11:55,900 --> 00:11:53,240  
reason I go into psychology all those

304  
00:11:57,759 --> 00:11:55,910  
years ago was I open textbooks which we

305  
00:11:59,800 --> 00:11:57,769  
used to have at the time before the

306  
00:12:02,019 --> 00:11:59,810  
internet came along with optical

307  
00:12:04,360 --> 00:12:02,029  
illusions in and got rekted about these

308  
00:12:06,309 --> 00:12:04,370  
illusions and I hope that some of the

309  
00:12:08,500 --> 00:12:06,319  
quality videos will act in the same way

310  
00:12:10,600 --> 00:12:08,510  
so when I see students or anyone else

311  
00:12:12,519 --> 00:12:10,610  
problem and doing their own versions

312  
00:12:14,379 --> 00:12:12,529  
happened with color change card trick

313  
00:12:16,269 --> 00:12:14,389

and I think the prediction one as well I

314

00:12:19,240 --> 00:12:16,279

think it's great you know I just see it

315

00:12:21,610 --> 00:12:19,250

as people get involved in psychology and

316

00:12:23,050 --> 00:12:21,620

science and just having a good time with

317

00:12:25,150 --> 00:12:23,060

it and I hopefully some of those people

318

00:12:27,730 --> 00:12:25,160

go and study at the universities and so

319

00:12:29,050 --> 00:12:27,740

on so yeah I am amazed I think it's out

320

00:12:30,639 --> 00:12:29,060

of the whole channels up to about five

321

00:12:32,620 --> 00:12:30,649

and half a million views now so it's

322

00:12:34,629 --> 00:12:32,630

wonderful that's that's that's that's

323

00:12:37,420 --> 00:12:34,639

great because when I saw that for the

324

00:12:39,250 --> 00:12:37,430

first time and I'm not going to say what

325

00:12:41,019 --> 00:12:39,260

happens because there may be people out

326

00:12:44,590 --> 00:12:41,029

there who need to discover this for

327

00:12:47,170 --> 00:12:44,600

themselves but I didn't see the trick

328

00:12:49,000 --> 00:12:47,180

let me just say the trick or the gimmick

329

00:12:51,250 --> 00:12:49,010

or we both know what we're talking about

330

00:12:53,199 --> 00:12:51,260

completely went by me and so when I

331

00:12:56,050 --> 00:12:53,209

watched it again and I saw what really

332

00:12:58,300 --> 00:12:56,060

happened I was flawed but I must say the

333

00:13:01,510 --> 00:12:58,310

Rilla and the basketball one is one I

334

00:13:04,180 --> 00:13:01,520

picked up on but I was completely

335

00:13:07,660 --> 00:13:04,190

knocked out by the magical mirror one

336

00:13:09,840 --> 00:13:07,670

you have whether the hand is hair it

337

00:13:13,810 --> 00:13:09,850

took me a while to figure that one out

338

00:13:15,940 --> 00:13:13,820

but yeah again yeah I wanted some time

339

00:13:18,250 --> 00:13:15,950

to produce a video something vanished

340

00:13:19,840 --> 00:13:18,260

but still remained in full sites that

341

00:13:22,060 --> 00:13:19,850

was the little goal that was how I had

342

00:13:24,040 --> 00:13:22,070

in my head and I should explain that

343

00:13:26,020 --> 00:13:24,050

come from a background as a magician and

344

00:13:27,640 --> 00:13:26,030

awesome magicians make things vanish all

345

00:13:29,440 --> 00:13:27,650

the time so I wanted this idea of a

346

00:13:31,360 --> 00:13:29,450

vanished but the object remained in full

347

00:13:33,340 --> 00:13:31,370

sight and and that's where the mirror

348

00:13:35,640 --> 00:13:33,350

one came from and also after the other

349

00:13:38,770 --> 00:13:35,650

explico ecology website these things are

350

00:13:42,040 --> 00:13:38,780

driven by things I've seen so there's a

351  
00:13:45,160 --> 00:13:42,050  
very famous remark routine with a mirror

352  
00:13:47,830 --> 00:13:45,170  
all strove that my own ticket big year

353  
00:13:50,500 --> 00:13:47,840  
and and it's just nice to be able to

354  
00:13:53,080 --> 00:13:50,510  
contribute stop and YouTube gives you a

355  
00:13:55,060 --> 00:13:53,090  
plaque which it wasn't around five you

356  
00:13:57,220 --> 00:13:55,070  
know ten years ago and put something

357  
00:13:59,170 --> 00:13:57,230  
else and some essential e-way

358  
00:14:00,700 --> 00:13:59,180  
distributing Lee short clips and

359  
00:14:03,790 --> 00:14:00,710  
hopefully getting other people excited

360  
00:14:06,070 --> 00:14:03,800  
what excites me absolutely and I think

361  
00:14:07,990 --> 00:14:06,080  
YouTube is a brilliant little format for

362  
00:14:09,340 --> 00:14:08,000  
that because the videos don't have to be

363  
00:14:12,610 --> 00:14:09,350

super high quality and they're only

364

00:14:14,680 --> 00:14:12,620

short and you can produce one in a day

365

00:14:18,640 --> 00:14:14,690

and have hundreds and thousands if not

366

00:14:19,810 --> 00:14:18,650

millions of people watching it now one

367

00:14:22,450 --> 00:14:19,820

of the things I wouldn't mind talking to

368

00:14:24,010 --> 00:14:22,460

you from about a second I remember way

369

00:14:25,630 --> 00:14:24,020

back in two thousand when you came on

370

00:14:28,540 --> 00:14:25,640

stage one of the things that you

371

00:14:30,370 --> 00:14:28,550

apologized for when you showed the fire

372

00:14:31,990 --> 00:14:30,380

walking video was you said you were so

373

00:14:37,690 --> 00:14:32,000

thin in the video because you've just

374

00:14:39,580 --> 00:14:37,700

come back from India yeah yeah now I had

375

00:14:40,900 --> 00:14:39,590

the pleasure of visiting India to speak

376

00:14:43,500 --> 00:14:40,910

at the rationalist conference there

377

00:14:46,480 --> 00:14:43,510

about all about five years ago or so and

378

00:14:48,160 --> 00:14:46,490

there are a remarkable group of people

379

00:14:49,690 --> 00:14:48,170

what were your experiences when you

380

00:14:53,920 --> 00:14:49,700

visited India because I find it a

381

00:14:55,780 --> 00:14:53,930

fascinating place I'm losing great deal

382

00:14:58,330 --> 00:14:55,790

of weight remain experience I did that

383

00:15:00,130 --> 00:14:58,340

Perez bro successfully as I have to say

384

00:15:01,780 --> 00:15:00,140

you do have a fantastic memory if it

385

00:15:03,160 --> 00:15:01,790

could be I don't mention the fact that

386

00:15:04,660 --> 00:15:03,170

i'm actually quite thin in the fire

387

00:15:06,400 --> 00:15:04,670

walking video it's not something I do

388

00:15:08,200 --> 00:15:06,410

every time and i thought i must be

389

00:15:09,620 --> 00:15:08,210

mentioned in Sydney so amazingly you

390

00:15:13,940 --> 00:15:09,630

remember these things

391

00:15:16,790 --> 00:15:13,950

but in in India the main fisting the

392

00:15:19,250 --> 00:15:16,800

Guru's we tested one guy called Swami

393

00:15:21,620 --> 00:15:19,260

Preminger who claimed to be able to

394

00:15:23,420 --> 00:15:21,630

materialize objects in it ends and we

395

00:15:25,970 --> 00:15:23,430

texted him by putting an to a plastic

396

00:15:27,950 --> 00:15:25,980

bags and couldn't essentially pick up

397

00:15:29,840 --> 00:15:27,960

the object from his clothing or hidden

398

00:15:32,330 --> 00:15:29,850

panels and under those test conditions

399

00:15:33,710 --> 00:15:32,340

he simply couldn't do it and in fact

400

00:15:36,380 --> 00:15:33,720

then again we we sort of essentially

401  
00:15:39,260 --> 00:15:36,390  
caught him cheating later on that was

402  
00:15:41,690 --> 00:15:39,270  
one investigation other words with sai

403  
00:15:43,340 --> 00:15:41,700  
baba where we tried to and he's a very

404  
00:15:45,920 --> 00:15:43,350  
well-known god Matt pro the best known

405  
00:15:47,810 --> 00:15:45,930  
of them with a huge following I wish

406  
00:15:49,940 --> 00:15:47,820  
Rama kind of religious retreat it been

407  
00:15:51,530 --> 00:15:49,950  
an assassination attempt on him so it

408  
00:15:54,080 --> 00:15:51,540  
was all car lock down in terms of

409  
00:15:56,630 --> 00:15:54,090  
security but whilst we were there the

410  
00:15:59,210 --> 00:15:56,640  
profession which is the Indian BBC

411  
00:16:01,370 --> 00:15:59,220  
essentially managed two films I barber

412  
00:16:03,350 --> 00:16:01,380  
producing a necklace and the rumor was

413  
00:16:05,180 --> 00:16:03,360

they caught him cheating but the film

414

00:16:08,590 --> 00:16:05,190

had been destroyed managed to track down

415

00:16:11,660 --> 00:16:08,600

that film had had it digitally enhanced

416

00:16:13,580 --> 00:16:11,670

take out the Kree and yes indeed I think

417

00:16:15,440 --> 00:16:13,590

it does show evidence of sleight of hand

418

00:16:18,500 --> 00:16:15,450

and that since appeared on on several

419

00:16:22,040 --> 00:16:18,510

documentaries it my experience there was

420

00:16:23,840 --> 00:16:22,050

the ace of a wonderful country be the

421

00:16:26,720 --> 00:16:23,850

rationalists who are doing kind of guru

422

00:16:28,460 --> 00:16:26,730

busting and such a fantastic job under

423

00:16:30,680 --> 00:16:28,470

such difficult conditions you know going

424

00:16:32,530 --> 00:16:30,690

into villages and so on showing how some

425

00:16:35,480 --> 00:16:32,540

of the gurus are taking this off and

426  
00:16:38,540 --> 00:16:35,490  
that some of the Guru's themselves were

427  
00:16:40,700 --> 00:16:38,550  
to be tested I mean and I think back and

428  
00:16:41,930 --> 00:16:40,710  
the test didn't come out in their favor

429  
00:16:44,150 --> 00:16:41,940  
but still the fact they were prepared to

430  
00:16:45,770 --> 00:16:44,160  
engage with them I think was wonderful

431  
00:16:47,450 --> 00:16:45,780  
so it is one of my favorite countries

432  
00:16:51,680 --> 00:16:47,460  
and once I get the weight back on

433  
00:16:53,300 --> 00:16:51,690  
backwards yes yes I I too lost magically

434  
00:16:54,710 --> 00:16:53,310  
lost some weight when I visited India

435  
00:16:57,230 --> 00:16:54,720  
but it was worth it was a worthwhile

436  
00:16:58,790 --> 00:16:57,240  
experience even though I was really

437  
00:17:01,460 --> 00:16:58,800  
clever to you know I didn't drink the

438  
00:17:04,400 --> 00:17:01,470

water and I was very clean and very

439

00:17:08,179 --> 00:17:04,410

careful I must have well it's easy to

440

00:17:11,390 --> 00:17:08,189

happen in India all right now just to

441

00:17:13,460 --> 00:17:11,400

will be wrapping up in a moment but two

442

00:17:16,030 --> 00:17:13,470

things to sort of round this off first

443

00:17:18,140 --> 00:17:16,040

can you please discuss with our

444

00:17:20,060 --> 00:17:18,150

listeners who weren't at the last

445

00:17:21,970 --> 00:17:20,070

amazing meeting in Las Vegas your

446

00:17:24,640 --> 00:17:21,980

marvelous math spoon bender

447

00:17:27,659 --> 00:17:24,650

and that might lead on to you speaking

448

00:17:30,340 --> 00:17:27,669

about your experiments with the luck

449

00:17:32,740 --> 00:17:30,350

indeed the mass boom bending resided

450

00:17:35,440 --> 00:17:32,750

with Tracy King from februari marketing

451  
00:17:38,320 --> 00:17:35,450  
and what we did was to basically give

452  
00:17:40,690 --> 00:17:38,330  
everyone in the room a secretly prepared

453  
00:17:42,220 --> 00:17:40,700  
spoon to allow them all to bend a spoon

454  
00:17:44,409 --> 00:17:42,230  
with the power their minds allegedly

455  
00:17:47,560 --> 00:17:44,419  
better using some trickery and we filmed

456  
00:17:49,630 --> 00:17:47,570  
that and and placed it on on YouTube and

457  
00:17:51,310 --> 00:17:49,640  
again I think they've got several

458  
00:17:53,320 --> 00:17:51,320  
thousand views so that was a fun thing

459  
00:17:55,570 --> 00:17:53,330  
to do and the idea there was really kind

460  
00:17:57,669 --> 00:17:55,580  
of reclaimed spoon bending because you

461  
00:17:58,900 --> 00:17:57,679  
know he did a great magic trick and and

462  
00:18:01,810 --> 00:17:58,910  
it really should be in the realm of

463  
00:18:04,090 --> 00:18:01,820

magic and not in the paranormal so that

464

00:18:07,150 --> 00:18:04,100

was a kind of fun thing to do there in

465

00:18:10,000 --> 00:18:07,160

terms of the psychology of luck I mean I

466

00:18:12,700 --> 00:18:10,010

love skepticism and I spent most of my

467

00:18:15,190 --> 00:18:12,710

working life in it by rolling with it

468

00:18:17,260 --> 00:18:15,200

sometimes is that we are terribly good

469

00:18:19,960 --> 00:18:17,270

at criticizing saying these things are

470

00:18:23,110 --> 00:18:19,970

not true but not so good at saying

471

00:18:25,360 --> 00:18:23,120

actually science psychology can help you

472

00:18:27,100 --> 00:18:25,370

in your life we know that most people

473

00:18:28,510 --> 00:18:27,110

believe in the paranormal because

474

00:18:29,770 --> 00:18:28,520

they've got a problem you know that

475

00:18:31,090 --> 00:18:29,780

they're not reading the journals

476

00:18:32,830 --> 00:18:31,100

convinced by the scientific evidence

477

00:18:33,880 --> 00:18:32,840

they're going along for psychic because

478

00:18:36,130 --> 00:18:33,890

they've got a problem with the

479

00:18:38,350 --> 00:18:36,140

relationship or the worried about their

480

00:18:40,750 --> 00:18:38,360

career or their finances or whatever and

481

00:18:43,270 --> 00:18:40,760

so what I wanted to do with the work

482

00:18:46,000 --> 00:18:43,280

into luck and the luck factor book so

483

00:18:47,500 --> 00:18:46,010

really sailor we started people who

484

00:18:49,840 --> 00:18:47,510

consider themselves exceptionally lucky

485

00:18:51,460 --> 00:18:49,850

and are lucky the people are there's

486

00:18:52,990 --> 00:18:51,470

nothing magical going on the lucky

487

00:18:55,030 --> 00:18:53,000

people are doing various things and

488

00:18:57,520 --> 00:18:55,040

behaving various ways to create these

489

00:18:59,710 --> 00:18:57,530

apparently wonderful incidents in their

490

00:19:03,039 --> 00:18:59,720

lives understand that and you can learn

491

00:19:04,990 --> 00:19:03,049

to be lucky so is using the emotional

492

00:19:08,020 --> 00:19:05,000

hook which of the psychics and mediums

493

00:19:10,060 --> 00:19:08,030

normally have but hopefully to take

494

00:19:11,710 --> 00:19:10,070

people your science and psychology could

495

00:19:14,020 --> 00:19:11,720

help you if you understand what's going

496

00:19:16,450 --> 00:19:14,030

on and that's something I'm going to be

497

00:19:18,430 --> 00:19:16,460

doing in the next few years as well it's

498

00:19:21,430 --> 00:19:18,440

kind of more positive side of skepticism

499

00:19:23,470 --> 00:19:21,440

because I think that way we reach a much

500

00:19:25,419 --> 00:19:23,480

much wider audience rather than that

501  
00:19:27,159 --> 00:19:25,429  
just the kind of negativity which is

502  
00:19:29,260 --> 00:19:27,169  
very very important in the debunking and

503  
00:19:31,539 --> 00:19:29,270  
so on massively important but also

504  
00:19:34,180 --> 00:19:31,549  
interested in the more positive side as

505  
00:19:35,740 --> 00:19:34,190  
well that's a great attitude to have now

506  
00:19:38,340 --> 00:19:35,750  
if our listeners

507  
00:19:40,660 --> 00:19:38,350  
to find out more about what you do

508  
00:19:44,530 --> 00:19:40,670  
contact you to watch your videos where

509  
00:19:46,540 --> 00:19:44,540  
can they head well write the moment they

510  
00:19:48,640 --> 00:19:46,550  
can head to my blog which is updated

511  
00:19:50,560 --> 00:19:48,650  
pretty much on a daily basis and there's

512  
00:19:53,260 --> 00:19:50,570  
links to that from Richard Wiseman com

513  
00:19:56,020 --> 00:19:53,270

so that's why I have all my talks and TV

514

00:19:58,720 --> 00:19:56,030

stuff and sorts of puzzles and illusion

515

00:20:00,370 --> 00:19:58,730

so that's the main place people on their

516

00:20:02,140 --> 00:20:00,380

very kind they do leave lots of comments

517

00:20:03,780 --> 00:20:02,150

sometimes really quite long comments I

518

00:20:06,580 --> 00:20:03,790

look at every single one and

519

00:20:08,140 --> 00:20:06,590

occasionally comment myself so yeah

520

00:20:10,030 --> 00:20:08,150

that's the main kind of protocol is

521

00:20:11,950 --> 00:20:10,040

becoming a bit of a hub of activity and

522

00:20:13,480 --> 00:20:11,960

it would be very nice for feet see

523

00:20:15,310 --> 00:20:13,490

people come and visit again lean on him

524

00:20:17,680 --> 00:20:15,320

so everybody please visit Richard

525

00:20:19,630 --> 00:20:17,690

Wiseman's website Richard Wiseman calm

526

00:20:21,580 --> 00:20:19,640

and you can follow the links and I can

527

00:20:22,960 --> 00:20:21,590

sincerely recommend quirkology it's a

528

00:20:24,850 --> 00:20:22,970

fun book I mean as we were discussing

529

00:20:28,360 --> 00:20:24,860

before you get a giggle right from the

530

00:20:30,670 --> 00:20:28,370

cover so so there's lots of really good

531

00:20:32,920 --> 00:20:30,680

interesting stuff in the book quirkology

532

00:20:34,480 --> 00:20:32,930

so richard wiseman again thank you very

533

00:20:36,310 --> 00:20:34,490

much for appearing on the skeptics

534

00:20:38,740 --> 00:20:36,320

earned and i'll be sending you a little

535

00:20:42,460 --> 00:20:38,750

parcel of goodies from australia some

536

00:20:44,350 --> 00:20:42,470

DVDs and videos you might enjoy that's

537

00:20:46,000 --> 00:20:44,360

what i'm looking forward to it and thank

538

00:20:48,570 --> 00:20:46,010

you for having me and i look forward to

539

00:21:02,580 --> 00:20:48,580

coming back where another time anytime

540

00:21:07,989 --> 00:21:05,560

you're listening too far by George Arab

541

00:21:11,739 --> 00:21:07,999

you can find out more about George her

542

00:21:15,759 --> 00:21:11,749

ad by visiting his website at [www Joab](http://www.Joab)

543

00:21:17,649 --> 00:21:15,769

got a blog [spot.com](http://spot.com) where you can even

544

00:21:19,959 --> 00:21:17,659

find the lyrics to this song try singing

545

00:21:23,229 --> 00:21:19,969

along with it of course he's singing

546

00:21:27,399 --> 00:21:23,239

about the 365 days of astronomy podcast

547

00:21:31,029 --> 00:21:27,409

one podcast every day for 2009 and you

548

00:21:34,539 --> 00:21:31,039

can find that at 365 days of astronomy

549

00:21:36,489 --> 00:21:34,549

onward God or go check it out there'll

550

00:21:43,910 --> 00:21:36,499

be a contribution by the skeptic zone in

551  
00:21:50,730 --> 00:21:47,120  
there by car in a day and super crazy

552  
00:22:01,830 --> 00:21:50,740  
farmer just Falls our way sir

553  
00:22:07,049 --> 00:22:04,890  
welcome to Sidney skeptics in the pub a

554  
00:22:09,060 --> 00:22:07,059  
great crowd tonight there's about 60

555  
00:22:10,700 --> 00:22:09,070  
people here I've got my little hand

556  
00:22:14,460 --> 00:22:10,710  
record I'm going to be running around

557  
00:22:16,710 --> 00:22:14,470  
talking to some people and then later on

558  
00:22:19,500 --> 00:22:16,720  
I think we've got a song or two by Dave

559  
00:22:22,620 --> 00:22:19,510  
a happy singer who you may remember from

560  
00:22:31,110 --> 00:22:22,630  
the think tank now occasional guest so

561  
00:22:32,970 --> 00:22:31,120  
let me see who I can find skeptics in

562  
00:22:37,409 --> 00:22:32,980  
the pub is going so well tonight on here

563  
00:22:40,830 --> 00:22:37,419

with Joanne are you going oh well now

564

00:22:42,269 --> 00:22:40,840

you are the inspiration behind what we

565

00:22:45,180 --> 00:22:42,279

had escaped its have done recently we

566

00:22:47,760 --> 00:22:45,190

put up an open letter to pharmacies out

567

00:22:49,889 --> 00:22:47,770

there pharmacist to plead with them to

568

00:22:52,139 --> 00:22:49,899

stop selling magic and magical potions

569

00:22:56,010 --> 00:22:52,149

in their shops now this is based on new

570

00:22:57,690 --> 00:22:56,020

experience um well a couple of weeks ago

571

00:23:00,810 --> 00:22:57,700

now I went into one of the local

572

00:23:04,080 --> 00:23:00,820

pharmacies and I'm quite used to going

573

00:23:05,789 --> 00:23:04,090

into pharmacies and seeing you know what

574

00:23:07,350 --> 00:23:05,799

they call alternative medicines or

575

00:23:09,149 --> 00:23:07,360

natural products on the shelves but up

576

00:23:13,970 --> 00:23:09,159

until now I've only ever seen in a

577

00:23:21,180 --> 00:23:18,149

evidence-based medicines so to speak and

578

00:23:23,100 --> 00:23:21,190

I was just browsing the shelves and I

579

00:23:25,049 --> 00:23:23,110

noticed that in the section where they

580

00:23:28,909 --> 00:23:25,059

keep the children's panadol Harris a

581

00:23:32,490 --> 00:23:28,919

small or ibuprofen they had placed

582

00:23:35,100 --> 00:23:32,500

homeopathic remedies some of which were

583

00:23:38,820 --> 00:23:35,110

for things like nappy rash and fairly I

584

00:23:40,950 --> 00:23:38,830

suppose mundane childhood ailments that

585

00:23:43,230 --> 00:23:40,960

apparently would but one of them was for

586

00:23:45,659 --> 00:23:43,240

fever and pain now the thing is I I am a

587

00:23:46,950 --> 00:23:45,669

registered nurse so I'm not a parent I

588

00:23:48,250 --> 00:23:46,960

don't have any experience of raising

589

00:23:50,770 --> 00:23:48,260

children but as

590

00:23:53,260 --> 00:23:50,780

submerge I certainly know that pain and

591

00:23:57,160 --> 00:23:53,270

fever are pretty serious concerns either

592

00:23:59,200 --> 00:23:57,170

in a child or an adult and so as a

593

00:24:01,810 --> 00:23:59,210

skeptic my curiosity of course got the

594

00:24:04,270 --> 00:24:01,820

better of me and I thought I'd look at a

595

00:24:06,490 --> 00:24:04,280

bit closer at these products and they

596

00:24:12,030 --> 00:24:06,500

were very much being promoted as an

597

00:24:14,980 --> 00:24:12,040

alternative to the evidence based

598

00:24:18,250 --> 00:24:14,990

medicines that we would give patients

599

00:24:20,470 --> 00:24:18,260

cool things yeah and I actually

600

00:24:22,360 --> 00:24:20,480

questioned the pharmacist about this and

601  
00:24:24,280 --> 00:24:22,370  
I said the temperature you know would

602  
00:24:28,000 --> 00:24:24,290  
you be recommending these products for

603  
00:24:29,710 --> 00:24:28,010  
your your client and he's there he did

604  
00:24:32,680 --> 00:24:29,720  
sort of give me a definite answer but he

605  
00:24:35,320 --> 00:24:32,690  
said that time you practice

606  
00:24:36,850 --> 00:24:35,330  
evidence-based pharmacy and I found that

607  
00:24:38,920 --> 00:24:36,860  
quite interesting but because I thought

608  
00:24:41,590 --> 00:24:38,930  
as a pharmacist if you practice

609  
00:24:43,960 --> 00:24:41,600  
evidence-based pharmacy and why have you

610  
00:24:47,410 --> 00:24:43,970  
got these parts on yourself because as

611  
00:24:50,680 --> 00:24:47,420  
we know homeopathic remedies are in no

612  
00:24:52,690 --> 00:24:50,690  
way evidence-based and here's his

613  
00:24:56,290 --> 00:24:52,700

response was that it was really a

614

00:25:00,100 --> 00:24:56,300

decision of the owner of the party not

615

00:25:01,570 --> 00:25:00,110

himself as an employee of crazy and I

616

00:25:04,130 --> 00:25:01,580

found this quite worrying because

617

00:25:06,200 --> 00:25:04,140

certainly pharmacy

618

00:25:12,640 --> 00:25:06,210

as professional members of the help

619

00:25:16,070 --> 00:25:12,650

community one you know as as a

620

00:25:18,320 --> 00:25:16,080

non-medical person in society going into

621

00:25:19,760 --> 00:25:18,330

a pharmacy I think you know we've always

622

00:25:22,120 --> 00:25:19,770

seen pharmacist as being health

623

00:25:24,290 --> 00:25:22,130

professionals who we would expect to be

624

00:25:26,390 --> 00:25:24,300

knowledgeable about the products that

625

00:25:28,310 --> 00:25:26,400

they're providing to us and certainly

626  
00:25:31,190 --> 00:25:28,320  
have real knowledge of them above what

627  
00:25:35,930 --> 00:25:31,200  
we would have is lay individuals and the

628  
00:25:38,210 --> 00:25:35,940  
fact that they are either promoting or

629  
00:25:40,880 --> 00:25:38,220  
providing or making accessible products

630  
00:25:42,950 --> 00:25:40,890  
which potentially are unsafe is quite

631  
00:25:45,050 --> 00:25:42,960  
worrying now particularly with something

632  
00:25:49,790 --> 00:25:45,060  
like this homeopathic remedy for pain

633  
00:25:52,250 --> 00:25:49,800  
and fever I felt that a parent going

634  
00:25:54,260 --> 00:25:52,260  
into a pharmacy would see this product

635  
00:25:56,690 --> 00:25:54,270  
on the shelf and I mean interestingly

636  
00:25:59,870 --> 00:25:56,700  
the way they're promoted you know that

637  
00:26:02,390 --> 00:25:59,880  
the colors are all very soothing it's

638  
00:26:04,970 --> 00:26:02,400

all under this banner of a safer

639

00:26:07,580 --> 00:26:04,980

alternative and natural alternative and

640

00:26:09,430 --> 00:26:07,590

for a parent who's making before parent

641

00:26:13,070 --> 00:26:09,440

who is concerned about the child safety

642

00:26:15,800 --> 00:26:13,080

making a responsible choice for one's

643

00:26:17,330 --> 00:26:15,810

child they're going to be happen to you

644

00:26:22,220 --> 00:26:17,340

is what is promoted as a safe

645

00:26:24,020 --> 00:26:22,230

alternative it went in fact for a child

646

00:26:26,570 --> 00:26:24,030

with the potentially serious illness

647

00:26:29,120 --> 00:26:26,580

treating pain or fever with effectively

648

00:26:31,610 --> 00:26:29,130

sugar pills or water is really making a

649

00:26:32,870 --> 00:26:31,620

very dangerous decision I really I

650

00:26:34,130 --> 00:26:32,880

really felt at that point that it was

651  
00:26:37,850 --> 00:26:34,140  
something I want you to bring to the

652  
00:26:39,410 --> 00:26:37,860  
attention of of the pharmaceutical body

653  
00:26:41,490 --> 00:26:39,420  
because they really are the ones who

654  
00:26:43,560 --> 00:26:41,500  
have the drop the capacity

655  
00:26:45,840 --> 00:26:43,570  
to influence well because because of

656  
00:26:48,870 --> 00:26:45,850  
those concerns it occurred to me that

657  
00:26:50,910 --> 00:26:48,880  
this is a very good opportunity for us

658  
00:26:52,860 --> 00:26:50,920  
and so the Australian to get pics have

659  
00:26:57,090 --> 00:26:52,870  
composed a letter addressed to

660  
00:26:58,290 --> 00:26:57,100  
pharmacies and that's probably valid all

661  
00:27:01,070 --> 00:26:58,300  
around the world although it says

662  
00:27:05,010 --> 00:27:01,080  
Australian honors if you go to ww

663  
00:27:06,900 --> 00:27:05,020

skeptics calm you you can download this

664

00:27:09,150 --> 00:27:06,910

open letter print it out and present it

665

00:27:11,760 --> 00:27:09,160

to your Hamas's I think that's something

666

00:27:14,670 --> 00:27:11,770

that I'm anyone who has was noticed

667

00:27:17,370 --> 00:27:14,680

these things in their pharmacy would be

668

00:27:18,870 --> 00:27:17,380

wise to take advantage of because I

669

00:27:20,910 --> 00:27:18,880

think it certainly any health

670

00:27:23,460 --> 00:27:20,920

professionals who have noticed the

671

00:27:26,670 --> 00:27:23,470

sources to do that and I think certainly

672

00:27:29,730 --> 00:27:26,680

as a nurse myself the nursing profession

673

00:27:31,200 --> 00:27:29,740

is in a position to you know we have a

674

00:27:36,030 --> 00:27:31,210

great deal of influence over our

675

00:27:37,980 --> 00:27:36,040

patients and and so you know I think

676  
00:27:39,570 --> 00:27:37,990  
that that's something that we would be

677  
00:27:43,860 --> 00:27:39,580  
in a position to take advantage of and

678  
00:27:45,060 --> 00:27:43,870  
to use that and in nursing in I think we

679  
00:27:46,470 --> 00:27:45,070  
have a responsibility as health

680  
00:27:49,470 --> 00:27:46,480  
professionals to be promoting

681  
00:27:51,360 --> 00:27:49,480  
evidence-based practice yeah and in any

682  
00:27:54,660 --> 00:27:51,370  
of our interactions with our patients to

683  
00:27:58,410 --> 00:27:54,670  
be communicating to them what is

684  
00:28:01,620 --> 00:27:58,420  
responsible in their health care so for

685  
00:28:03,900 --> 00:28:01,630  
example when a nurse conduct a health

686  
00:28:05,430 --> 00:28:03,910  
assessment of a patient you know

687  
00:28:08,700 --> 00:28:05,440  
questioning them about the alternative

688  
00:28:10,350 --> 00:28:08,710

remedies that they may be using I don't

689

00:28:14,850 --> 00:28:10,360

think it's necessarily the right

690

00:28:16,530 --> 00:28:14,860

situation to be criticizing a patient's

691

00:28:18,400 --> 00:28:16,540

choices because I think that one of the

692

00:28:21,920 --> 00:28:18,410

things that we need to be

693

00:28:23,870 --> 00:28:21,930

aware of is our patients vulnerability

694

00:28:26,270 --> 00:28:23,880

and I think that that's really actually

695

00:28:28,760 --> 00:28:26,280

what this comes down to is that anyone

696

00:28:31,100 --> 00:28:28,770

going into a pharmacy making a choice

697

00:28:37,010 --> 00:28:31,110

about a medicine is in a vulnerable

698

00:28:40,190 --> 00:28:37,020

position and when pharmacists are making

699

00:28:43,550 --> 00:28:40,200

a recommendation of a particular item

700

00:28:44,960 --> 00:28:43,560

now if there is that it then abyss that

701  
00:28:46,190 --> 00:28:44,970  
they sort of have to draw that line

702  
00:28:49,190 --> 00:28:46,200  
between where they're a businessperson

703  
00:28:51,230 --> 00:28:49,200  
and where there that's true because I

704  
00:28:53,000 --> 00:28:51,240  
think there's perhaps I don't know what

705  
00:28:55,820 --> 00:28:53,010  
you might call a bit of confidence there

706  
00:29:00,530 --> 00:28:55,830  
they have a they have a vested interest

707  
00:29:02,330 --> 00:29:00,540  
in the financial part of their their

708  
00:29:04,280 --> 00:29:02,340  
business and but they also have a

709  
00:29:06,800 --> 00:29:04,290  
responsibility to the people coming into

710  
00:29:09,320 --> 00:29:06,810  
their pharmacy to provide them with

711  
00:29:11,120 --> 00:29:09,330  
information yeah and I think that's

712  
00:29:13,280 --> 00:29:11,130  
perhaps where things are falling down is

713  
00:29:15,800 --> 00:29:13,290

that the information that people are

714

00:29:19,130 --> 00:29:15,810

getting is not actually allowing them to

715

00:29:22,160 --> 00:29:19,140

make informed choices and particularly

716

00:29:26,240 --> 00:29:22,170

when that information is presented in a

717

00:29:28,970 --> 00:29:26,250

way that is misleading then and using

718

00:29:30,860 --> 00:29:28,980

fear mongering tactics as well then

719

00:29:32,570 --> 00:29:30,870

you're leaving vulnerable people in a

720

00:29:36,650 --> 00:29:32,580

position where they are perhaps either

721

00:29:39,140 --> 00:29:36,660

going to end up having a severe physical

722

00:29:41,660 --> 00:29:39,150

consequence or just making a choice that

723

00:29:46,130 --> 00:29:41,670

is perhaps uninformed and there may lead

724

00:29:48,650 --> 00:29:46,140

on to other potentially dangerous for

725

00:29:51,590 --> 00:29:48,660

Sorenson you just somebody's not into a

726

00:29:53,180 --> 00:29:51,600

pharmacy saw this happening but you've

727

00:29:55,460 --> 00:29:53,190

done something about it at least you can

728

00:29:57,890 --> 00:29:55,470

express your opinion to us and we've

729

00:30:00,290 --> 00:29:57,900

been able to show mass communicator so

730

00:30:03,080 --> 00:30:00,300

well done okay about the idea it's

731

00:30:04,700 --> 00:30:03,090

fantastic we love it and it inspired us

732

00:30:07,240 --> 00:30:04,710

to have more open letters to other

733

00:30:16,010 --> 00:30:07,250

people for which we have concerns

734

00:30:22,080 --> 00:30:18,690

odeon my left or your something even a

735

00:30:25,110 --> 00:30:22,090

little pull all your people over here in

736

00:30:31,650 --> 00:30:25,120

the fact you only hear a song that I

737

00:30:33,870 --> 00:30:31,660

haven't heard before thank you almost to

738

00:30:34,980 --> 00:30:33,880

the people oh you guys over here jus

739

00:30:38,310 --> 00:30:34,990

wanna hear some of us know even being

740

00:30:40,410 --> 00:30:38,320

written yet yeah okay this is my next

741

00:30:42,300 --> 00:30:40,420

big hit this is some about a good what I

742

00:30:43,680 --> 00:30:42,310

want you guys to tell me over here on

743

00:30:45,360 --> 00:30:43,690

the left you guys over here overlapping

744

00:30:54,050 --> 00:30:45,370

you guys the back I want you to tell me

745

00:30:57,240 --> 00:30:54,060

what the name of this girl is dhryn off

746

00:30:58,890 --> 00:30:57,250

Romelu bring up okay that's all and all

747

00:31:00,900 --> 00:30:58,900

you people down here comes to my right

748

00:31:08,100 --> 00:31:00,910

can you tell me what kind of job this

749

00:31:09,510 --> 00:31:08,110

bill doesn't you can blur I'm going to

750

00:31:11,640 --> 00:31:09,520

take two or three but you for your woman

751

00:31:34,680 --> 00:31:11,650

okay this is my next week if this is

752

00:31:34,690 --> 00:32:10,260

I don't know what I do

753

00:32:19,690 --> 00:32:13,900

loggin doesn't meet up with all the

754

00:32:22,840 --> 00:32:19,700

paper turn out like magic in me so I

755

00:32:25,880 --> 00:32:22,850

felt like it too

756

00:32:31,700 --> 00:32:25,890

and I was

757

00:32:35,070 --> 00:32:31,710

I went and said I have my able to look

758

00:32:35,080 --> 00:32:48,760

the reaction

759

00:33:02,360 --> 00:32:50,990

sorry I'm inviting some of the raffle

760

00:33:08,030 --> 00:33:02,370

basis so I took your candles students in

761

00:33:20,240 --> 00:33:08,040

my ear amplifier to the end and I door

762

00:33:24,080 --> 00:33:20,250

here in the end of my children my in rum

763

00:33:27,919 --> 00:33:24,090

bottle either by default he ever bought

764

00:33:48,700 --> 00:33:36,390

Oh

765

00:34:19,910 --> 00:34:18,200

hi darling anti baby for love now if

766

00:34:22,340 --> 00:34:19,920

you'd like to join us here for Sydney

767

00:34:25,430 --> 00:34:22,350

skeptics in the pub best thing you can

768

00:34:29,170 --> 00:34:25,440

do is join the Sydney skeptics meetup

769

00:34:48,350 --> 00:34:29,180

group and that's skeptics got meetup.com

770

00:34:53,460 --> 00:34:50,940

well that's the skeptic Zone episode

771

00:34:55,200 --> 00:34:53,470

number 24 the sixth of March thanks for

772

00:34:57,930 --> 00:34:55,210

listening next week we'll have our

773

00:35:00,570 --> 00:34:57,940

regular lineup with dr. Richie reports

774

00:35:02,520 --> 00:35:00,580

the roundup with my koala Han grain of

775

00:35:05,550 --> 00:35:02,530

salt with Iran's to give and of course

776

00:35:07,530 --> 00:35:05,560

the think tank and if you're looking for

777

00:35:09,930 --> 00:35:07,540

something to read between now and then

778

00:35:12,570 --> 00:35:09,940

you can subscribe to the skeptic

779

00:35:14,880 --> 00:35:12,580

magazine the Journal of Australian

780

00:35:20,370 --> 00:35:14,890

skeptics and you can do that by visiting

781

00:35:22,890 --> 00:35:20,380

w WC epitaxy oh my you while you're

782

00:35:24,240 --> 00:35:22,900

there you can download that open letter

783

00:35:26,820 --> 00:35:24,250

to pharmacist we were talking about

784

00:35:28,560 --> 00:35:26,830

earlier until next week this is Richard

785

00:35:33,780 --> 00:35:28,570

Saunders signing off from Sydney

786

00:35:38,040 --> 00:35:33,790

Australia you've been listening to the

787

00:35:41,310 --> 00:35:38,050

skeptic zone visit our website at wwc a

788

00:35:45,290 --> 00:35:41,320

petting zoo TV for comments contacts and

789

00:35:45,300 --> 00:35:56,210

skin