



Show 97
27. August. 2010

www.skepticzone.tv

1
00:00:13,170 --> 00:00:09,490
welcome to the skeptic zone the podcast

2
00:00:16,800 --> 00:00:13,180
from Australia for science and reason

3
00:00:20,450 --> 00:00:16,810
urea hosts Richard Saunders and Stefan

4
00:00:25,500 --> 00:00:23,550
hello Richard hey Stefan hey what's

5
00:00:27,179 --> 00:00:25,510
happening I met you won't believe this

6
00:00:29,609 --> 00:00:27,189
you will not believe this look at this

7
00:00:34,700 --> 00:00:29,619
box I've got here ah what that looks

8
00:00:37,229 --> 00:00:34,710
pretty easy what is it is our new Canon

9
00:00:41,460 --> 00:00:37,239
high-definition digital video camera

10
00:00:43,740 --> 00:00:41,470
donated to the skeptic zone whoa all

11
00:00:46,590 --> 00:00:43,750
sins I mean when those UFOs come we'll

12
00:00:49,650 --> 00:00:46,600
be ready ah we're going to capture every

13
00:00:51,810 --> 00:00:49,660

little piece of phenomenal activity that

14

00:00:54,060 --> 00:00:51,820

ever happens on this planet using his HD

15

00:00:56,340 --> 00:00:54,070

camera one an awesome gifts where'd it

16

00:00:58,049 --> 00:00:56,350

come from this is from a listener who's

17

00:01:01,410 --> 00:00:58,059

a fan of the show well I hope is a fan

18

00:01:02,970 --> 00:01:01,420

of the show Lucas Randall who lives in

19

00:01:05,400 --> 00:01:02,980

Victoria works for the Canon company

20

00:01:07,440 --> 00:01:05,410

donated this fabulous camera I can't

21

00:01:10,440 --> 00:01:07,450

wait to get out there and make heaps

22

00:01:14,430 --> 00:01:10,450

more skeptics own videos Oh Lucas you

23

00:01:16,380 --> 00:01:14,440

are the listener on the month now that's

24

00:01:19,080 --> 00:01:16,390

fantastic because of course you lost

25

00:01:21,990 --> 00:01:19,090

your you're actually had a stolen din

26

00:01:23,700 --> 00:01:22,000

nou ye ugly little HD HD camera I had a

27

00:01:25,980 --> 00:01:23,710

little flip HD camera which was great

28

00:01:28,050 --> 00:01:25,990

but unfortunately it was stolen eyes

29

00:01:30,540 --> 00:01:28,060

don't lamenting this on Twitter eyes at

30

00:01:32,339 --> 00:01:30,550

all you know it was stolen and Lucas

31

00:01:35,460 --> 00:01:32,349

said look let me come to the rescue and

32

00:01:38,580 --> 00:01:35,470

he did oh well it looks fantastic oh

33

00:01:40,499 --> 00:01:38,590

it's nika so light portable and handy

34

00:01:42,449 --> 00:01:40,509

and full HD in every now because of

35

00:01:45,419 --> 00:01:42,459

course we do do a fair bit of a video

36

00:01:47,070 --> 00:01:45,429

stuff on the side don't we we do we'd be

37

00:01:49,710 --> 00:01:47,080

doing some more now I can tell you just

38

00:01:52,589 --> 00:01:49,720

in time for our trip just in time for

39

00:01:54,870 --> 00:01:52,599

our trip to dragoncon which is coming up

40

00:01:57,029 --> 00:01:54,880

in fact if people want to show their

41

00:02:00,359 --> 00:01:57,039

support for Lucas for such a great offer

42

00:02:04,770 --> 00:02:00,369

they can um visit his blog which is blog

43

00:02:07,499 --> 00:02:04,780

code Nick's org yeah yeah and can't

44

00:02:09,809 --> 00:02:07,509

thank him a million times for us and say

45

00:02:11,460 --> 00:02:09,819

you but you're flying over to dragoncon

46

00:02:13,110 --> 00:02:11,470

I guess you'll be you'll be sticking the

47

00:02:14,760 --> 00:02:13,120

camera out the window and hoping to see

48

00:02:16,430 --> 00:02:14,770

bits of ectoplasm floating around the

49

00:02:20,130 --> 00:02:16,440

plane that's we're pretty cool I will

50

00:02:23,040 --> 00:02:20,140

hazel dragon the occasional dragon haha

51
00:02:24,479 --> 00:02:23,050
Yes Doctor Ricci and Kylie Sturgis all

52
00:02:27,360 --> 00:02:24,489
the way from Perth were all heading for

53
00:02:30,030 --> 00:02:27,370
dragoncon dad should be fabulous ha the

54
00:02:32,220 --> 00:02:30,040
skeptical zone is becoming a global a

55
00:02:33,220 --> 00:02:32,230
global situation that the whole thing

56
00:02:34,630 --> 00:02:33,230
everyone's

57
00:02:36,520 --> 00:02:34,640
out there and doing stuff all around the

58
00:02:38,170 --> 00:02:36,530
world and it's the in fact the house

59
00:02:40,119 --> 00:02:38,180
kept your movements becoming pretty

60
00:02:42,220 --> 00:02:40,129
massive isn't it is and talking about

61
00:02:44,410 --> 00:02:42,230
being global this week we've got to

62
00:02:46,360 --> 00:02:44,420
global interviews dr. chrissy wilson

63
00:02:48,430 --> 00:02:46,370

flew all the way to London and spoke

64

00:02:51,130 --> 00:02:48,440

with dr. christopher french all about

65

00:02:53,229 --> 00:02:51,140

how the mind works and belief memory and

66

00:02:56,140 --> 00:02:53,239

all that sort of stuff and talking to

67

00:02:58,479 --> 00:02:56,150

dr. carol tavros is our reported joanne

68

00:03:01,030 --> 00:02:58,489

been amoo one of the reports we did from

69

00:03:04,119 --> 00:03:01,040

the amazing meeting eight in las vegas

70

00:03:05,830 --> 00:03:04,129

which was absolutely massive and it's

71

00:03:09,309 --> 00:03:05,840

speaking the way the mind works i mean

72

00:03:12,190 --> 00:03:09,319

for all the overseas listeners us poor

73

00:03:13,809 --> 00:03:12,200

poor citizens down under of constituents

74

00:03:15,819 --> 00:03:13,819

we're suffering from a bit of a bout of

75

00:03:17,710 --> 00:03:15,829

how the mind works with a the whole

76
00:03:19,539 --> 00:03:17,720
election process in limbo at the moment

77
00:03:22,059 --> 00:03:19,549
we have a strange lack of government

78
00:03:23,979 --> 00:03:22,069
don't worry it's amazing like it

79
00:03:25,990 --> 00:03:23,989
everyone that they flip-flopped from one

80
00:03:27,160 --> 00:03:26,000
side to the other and in the event in

81
00:03:28,420 --> 00:03:27,170
the end I went straight down the middle

82
00:03:31,089 --> 00:03:28,430
and there are no one knows who's in

83
00:03:33,270 --> 00:03:31,099
control yeah I mean we all we want is a

84
00:03:36,160 --> 00:03:33,280
prime minister is that too much to ask I

85
00:03:38,379 --> 00:03:36,170
don't know I think I think the days of

86
00:03:39,370 --> 00:03:38,389
adversarial politics of a numbered and

87
00:03:41,620 --> 00:03:39,380
they've got to start working together

88
00:03:42,759 --> 00:03:41,630

but that's just my personal opinion but

89

00:03:44,470 --> 00:03:42,769

look let's just get on with the show

90

00:03:46,690 --> 00:03:44,480

let's do the show will let listeners

91

00:03:47,920 --> 00:03:46,700

have listened will run out and let's

92

00:03:49,449 --> 00:03:47,930

let's have a little play later the

93

00:03:51,550 --> 00:03:49,459

camera yeah that sounds like great fun

94

00:04:04,650 --> 00:03:51,560

let's let's go and do it let's do it all

95

00:04:10,720 --> 00:04:07,809

professor Chris French is a psychologist

96

00:04:12,970 --> 00:04:10,730

and a vocal skeptic specializing in the

97

00:04:16,090 --> 00:04:12,980

psychology of paranormal beliefs and

98

00:04:17,860 --> 00:04:16,100

experiences he is currently professor of

99

00:04:20,680 --> 00:04:17,870

psychology at Goldsmiths College

100

00:04:27,159 --> 00:04:20,690

University of London and that's where

101
00:04:29,800 --> 00:04:27,169
dr. Chrissy went to chat with him okay

102
00:04:32,770 --> 00:04:29,810
skeptics and always dr. Christie Wilson

103
00:04:35,379 --> 00:04:32,780
here reporting from London and I'm very

104
00:04:37,420 --> 00:04:35,389
exciting today because I've done all the

105
00:04:38,560 --> 00:04:37,430
sights of London are doesn't pause and

106
00:04:41,080 --> 00:04:38,570
all that malarkey and I went down to

107
00:04:42,370 --> 00:04:41,090
Charles Darwin darwin's house last week

108
00:04:44,200 --> 00:04:42,380
as well that was very exciting but

109
00:04:46,719 --> 00:04:44,210
nothing compares the excitement of being

110
00:04:49,980 --> 00:04:46,729
back at Goldsmiths some of you will know

111
00:04:52,600 --> 00:04:49,990
that that's where i actually did my PhD

112
00:04:54,370 --> 00:04:52,610
under the supervision of professor Chris

113
00:04:57,190 --> 00:04:54,380

French and I'm very excited to say that

114

00:04:59,710 --> 00:04:57,200

I am now in Christie's office which is a

115

00:05:01,030 --> 00:04:59,720

bit weird for me and because I haven't

116

00:05:02,860 --> 00:05:01,040

actually been in here for three years

117

00:05:04,629 --> 00:05:02,870

and I did actually spend about four

118

00:05:06,730 --> 00:05:04,639

years of my life in and out of this

119

00:05:08,860 --> 00:05:06,740

office most of my PhD actually got

120

00:05:10,930 --> 00:05:08,870

written in this office and it hasn't

121

00:05:13,840 --> 00:05:10,940

really changed at all I'm some fabulous

122

00:05:16,260 --> 00:05:13,850

books line walls of the office a real

123

00:05:18,879 --> 00:05:16,270

treasure trove of material for

124

00:05:20,500 --> 00:05:18,889

researchers and academics and so on it's

125

00:05:23,469 --> 00:05:20,510

got some wonderful stuff on the shelf

126

00:05:26,200 --> 00:05:23,479

and the office really hasn't changed at

127

00:05:28,240 --> 00:05:26,210

all and neither indeed has chris chris

128

00:05:31,240 --> 00:05:28,250

is wonderful to see you very nice to see

129

00:05:34,480 --> 00:05:31,250

you my dear so we're going to have a

130

00:05:38,170 --> 00:05:34,490

little chat about skeptical stuff when i

131

00:05:39,790 --> 00:05:38,180

left in november two thousand seven um

132

00:05:41,020 --> 00:05:39,800

yeah there was a lot of skeptic stuff

133

00:05:43,060 --> 00:05:41,030

going on there were lots of groups

134

00:05:45,909 --> 00:05:43,070

everywhere and it was it was you know

135

00:05:47,830 --> 00:05:45,919

ticking along nicely but as soon as I

136

00:05:50,529 --> 00:05:47,840

did leave and I'm sure the two beds are

137

00:05:53,320 --> 00:05:50,539

actually connected everything just kind

138

00:05:55,779 --> 00:05:53,330

of took off and you know coming back

139

00:05:58,390 --> 00:05:55,789

last week and giving the talk accepting

140

00:06:00,879 --> 00:05:58,400

the pub in London um let all the face is

141

00:06:03,070 --> 00:06:00,889

brand new and to also change venues and

142

00:06:05,250 --> 00:06:03,080

the venues sound now much much bigger to

143

00:06:07,540 --> 00:06:05,260

accommodate all these lots of new faces

144

00:06:10,180 --> 00:06:07,550

and I only knew a couple of people

145

00:06:12,220 --> 00:06:10,190

really from the old days

146

00:06:14,350 --> 00:06:12,230

oh and it's really taken off their

147

00:06:16,740 --> 00:06:14,360

skeptic groups now in and all it seems

148

00:06:19,810 --> 00:06:16,750

to be all the major cities in in Britain

149

00:06:22,990 --> 00:06:19,820

how do you account for this massive

150

00:06:24,490 --> 00:06:23,000

upsurge in interest at our first thing

151
00:06:26,410 --> 00:06:24,500
to say is that I'm an absolutely agree

152
00:06:29,350 --> 00:06:26,420
that over the last couple of years in

153
00:06:32,980 --> 00:06:29,360
particular things have just really

154
00:06:35,230 --> 00:06:32,990
really taken off so you just as you say

155
00:06:36,880 --> 00:06:35,240
we've got again over two dozen different

156
00:06:38,830 --> 00:06:36,890
branches of skeptics in the pub up and

157
00:06:40,300 --> 00:06:38,840
down the country now and I've spoken at

158
00:06:42,850 --> 00:06:40,310
lots of them and they're all well

159
00:06:44,230 --> 00:06:42,860
attended they're all active there are

160
00:06:46,300 --> 00:06:44,240
various people get involved in various

161
00:06:48,490 --> 00:06:46,310
kinds of campaigns on this issue on that

162
00:06:49,660 --> 00:06:48,500
issue and and that's just the skeptics

163
00:06:50,950 --> 00:06:49,670

in the pub thing there's all sorts of

164

00:06:53,190 --> 00:06:50,960

other stuff going on as well with

165

00:06:55,270 --> 00:06:53,200

humanists having conferences and

166

00:06:57,220 --> 00:06:55,280

obviously there are academic colleges

167

00:06:58,840 --> 00:06:57,230

that the whole thing has retaken up one

168

00:07:01,030 --> 00:06:58,850

of the things I'm most excited about is

169

00:07:03,520 --> 00:07:01,040

the fact that we've now got animalistic

170

00:07:05,440 --> 00:07:03,530

psychology on to the a-level syllabus as

171

00:07:06,820 --> 00:07:05,450

an option which is just brilliant

172

00:07:08,110 --> 00:07:06,830

because that means thousands of kids

173

00:07:10,510 --> 00:07:08,120

every year are going to be reading about

174

00:07:12,820 --> 00:07:10,520

anomalistic psychology and thinking wow

175

00:07:14,950 --> 00:07:12,830

that stuff's really good you know not

176

00:07:16,960 --> 00:07:14,960

just parapsychology actually anomalous

177

00:07:19,630 --> 00:07:16,970

it's actually anomalistic psychology

178

00:07:21,190 --> 00:07:19,640

really covers parapsychology as well but

179

00:07:25,720 --> 00:07:21,200

the actual title of the option is

180

00:07:30,640 --> 00:07:25,730

anomalistic psychology I kind of like to

181

00:07:33,550 --> 00:07:30,650

think that I did it but yeah I mean one

182

00:07:35,740 --> 00:07:33,560

of the reasons for it I think there's

183

00:07:39,190 --> 00:07:35,750

lots of different factors that have come

184

00:07:41,860 --> 00:07:39,200

into play I think one important factor

185

00:07:42,880 --> 00:07:41,870

is that we're now all just go I mean I

186

00:07:45,640 --> 00:07:42,890

know the Internet's been around for a

187

00:07:47,350 --> 00:07:45,650

wee while now but we're also comfortable

188

00:07:49,900 --> 00:07:47,360

with it we've got things like Twitter

189

00:07:52,300 --> 00:07:49,910

and Facebook at all it just makes people

190

00:07:55,480 --> 00:07:52,310

if it's easy for people to organize to

191

00:07:57,100 --> 00:07:55,490

get together to hear about things I mean

192

00:07:58,560 --> 00:07:57,110

I've got a as you will know we've got

193

00:08:02,110 --> 00:07:58,570

the the psychology of the paranormal

194

00:08:03,400 --> 00:08:02,120

email network of which for any of your

195

00:08:06,040 --> 00:08:03,410

Lister's they want to sign up if you go

196

00:08:20,620 --> 00:08:06,050

to the APR you website which is

197

00:08:21,820 --> 00:08:20,630

www.hyken.com in on maybe recruiting

198

00:08:23,500 --> 00:08:21,830

participants if we need their

199

00:08:25,150 --> 00:08:23,510

experiments and so on but

200

00:08:26,380 --> 00:08:25,160

is just one example of the way in the

201
00:08:29,350 --> 00:08:26,390
internet it's just revolutionized

202
00:08:35,140 --> 00:08:29,360
everything now on top of that you've

203
00:08:40,210 --> 00:08:35,150
also got I think the fact that our Lord

204
00:08:41,890 --> 00:08:40,220
Richard Dawkins very honest seller you

205
00:08:45,730 --> 00:08:41,900
may have heard of it walk into the

206
00:08:46,990 --> 00:08:45,740
living here and I mean that I think what

207
00:08:50,500 --> 00:08:47,000
I think was kind of part of the whole

208
00:08:53,710 --> 00:08:50,510
thing that atheists and humanists and

209
00:08:56,620 --> 00:08:53,720
skeptics now basically do feel that it's

210
00:08:58,710 --> 00:08:56,630
okay for them to speak out to express

211
00:09:01,000 --> 00:08:58,720
their views whereas for a very long time

212
00:09:02,920 --> 00:09:01,010
certainly in the UK and I'd imagine is

213
00:09:04,180 --> 00:09:02,930

the same in other countries there was a

214

00:09:06,130 --> 00:09:04,190

general feeling that you don't have a

215

00:09:07,990 --> 00:09:06,140

question people's religious belief so

216

00:09:10,660 --> 00:09:08,000

their behavior they they engage in on

217

00:09:12,600 --> 00:09:10,670

religious grounds but I think that part

218

00:09:16,450 --> 00:09:12,610

is a reaction to various kind of

219

00:09:19,210 --> 00:09:16,460

extremist terrorist acts etc people have

220

00:09:21,520 --> 00:09:19,220

kind of question those things people are

221

00:09:24,880 --> 00:09:21,530

concerned about the direction that you

222

00:09:28,090 --> 00:09:24,890

know education may go in etc etc and I

223

00:09:30,690 --> 00:09:28,100

think that's played into it as well one

224

00:09:33,010 --> 00:09:30,700

of the things i think that one when a

225

00:09:35,320 --> 00:09:33,020

movement starts to take off and I'd

226

00:09:36,640 --> 00:09:35,330

really don't like the phrase skeptical

227

00:09:39,460 --> 00:09:36,650

movement because it makes it sound like

228

00:09:40,870 --> 00:09:39,470

it's all about a propaganda and so on

229

00:09:44,140 --> 00:09:40,880

and it shouldn't be about that you know

230

00:09:45,630 --> 00:09:44,150

sometimes maybe it is but when I

231

00:09:49,030 --> 00:09:45,640

movement does start to take off

232

00:09:51,160 --> 00:09:49,040

obviously if one or two kind of big

233

00:09:53,230 --> 00:09:51,170

names get involved in it I mean maybe

234

00:09:55,180 --> 00:09:53,240

even big names outside academia so I'm

235

00:09:58,390 --> 00:09:55,190

not just talking about say Richard

236

00:10:01,330 --> 00:09:58,400

Dawkins but when you get say comedians

237

00:10:02,740 --> 00:10:01,340

and musicians who also kind of give

238

00:10:05,740 --> 00:10:02,750

their backing and that certainly

239

00:10:08,350 --> 00:10:05,750

happened in the UK on quite a noticeable

240

00:10:11,500 --> 00:10:08,360

level you've got people like Robin Ince

241

00:10:13,060 --> 00:10:11,510

in particular as he's a total

242

00:10:15,280 --> 00:10:13,070

card-carrying skeptic he's a

243

00:10:18,550 --> 00:10:15,290

self-confessed nerd and he's a very

244

00:10:21,310 --> 00:10:18,560

funny man he's organized all kinds of

245

00:10:24,880 --> 00:10:21,320

events he's a comedian stand-up comedian

246

00:10:27,550 --> 00:10:24,890

he's organized events like nine Lessons

247

00:10:30,100 --> 00:10:27,560

and Carols for godless people which has

248

00:10:32,460 --> 00:10:30,110

now kind of Godwin the last two years

249

00:10:35,010 --> 00:10:32,470

roundabout Christmastime surprisingly

250

00:10:37,340 --> 00:10:35,020

and it's just basically he gets along

251
00:10:40,730 --> 00:10:37,350
loads of interesting people whether

252
00:10:43,130 --> 00:10:40,740
be scientists musicians comedians who

253
00:10:44,390 --> 00:10:43,140
all kind of share this basic outlook and

254
00:10:46,310 --> 00:10:44,400
as a result of that you've got other

255
00:10:48,440 --> 00:10:46,320
people i mean you know i'm a kind of

256
00:10:50,300 --> 00:10:48,450
very big celebrity names that there are

257
00:10:53,810 --> 00:10:50,310
strong supporters of the skeptical

258
00:10:57,680 --> 00:10:53,820
movement you've got Jonathan Ross daro

259
00:11:01,100 --> 00:10:57,690
Brean Tim Minchin you know i mean i

260
00:11:03,320 --> 00:11:01,110
could go on Chris a disturbing very cute

261
00:11:04,880 --> 00:11:03,330
evasive course is a huge huge fan of

262
00:11:07,340 --> 00:11:04,890
James Randi you know he's always a

263
00:11:09,350 --> 00:11:07,350

well-informed guy yeah that's how when

264

00:11:11,330 --> 00:11:09,360

you advise that borders no we haven't

265

00:11:13,580 --> 00:11:11,340

got Ricky although Robbins is ricky

266

00:11:16,160 --> 00:11:13,590

gervais his best mate I know they they

267

00:11:17,420 --> 00:11:16,170

is actually yes he it was you know he's

268

00:11:20,960 --> 00:11:17,430

worked with him he's known him for years

269

00:11:23,030 --> 00:11:20,970

he's been my man yep so so there is this

270

00:11:25,190 --> 00:11:23,040

kind of network exchange something I

271

00:11:27,230 --> 00:11:25,200

appreciate that it could be partly

272

00:11:29,510 --> 00:11:27,240

because of this you know because we're

273

00:11:31,220 --> 00:11:29,520

fed up with fundamentalist religious

274

00:11:32,960 --> 00:11:31,230

types and we want to speak out about

275

00:11:36,230 --> 00:11:32,970

that etcetera etcetera but that doesn't

276

00:11:38,300 --> 00:11:36,240

explain fully why there's this massive

277

00:11:40,430 --> 00:11:38,310

interest now it's not a lot of young

278

00:11:42,040 --> 00:11:40,440

people to which is great because as you

279

00:11:48,980 --> 00:11:42,050

know it used to be the bastion of white

280

00:11:51,350 --> 00:11:48,990

middle-aged you know but now is you know

281

00:11:53,240 --> 00:11:51,360

yeah lots of young people and women's

282

00:11:55,760 --> 00:11:53,250

yeah more and more women I mean which is

283

00:11:57,440 --> 00:11:55,770

yo I mean one thing that's still missing

284

00:12:00,520 --> 00:11:57,450

is that there is there are not very many

285

00:12:02,450 --> 00:12:00,530

kind of non-white faces at these

286

00:12:04,280 --> 00:12:02,460

skeptics meetings and that's something

287

00:12:05,870 --> 00:12:04,290

that I think it would be trying it'd be

288

00:12:07,940 --> 00:12:05,880

good to try and do something about but

289

00:12:10,190 --> 00:12:07,950

yeah it is at least good in terms of the

290

00:12:11,150 --> 00:12:10,200

kind of age and gender mix that things

291

00:12:14,510 --> 00:12:11,160

are certainly moved in the right

292

00:12:16,790 --> 00:12:14,520

direction why it is very difficult to

293

00:12:19,640 --> 00:12:16,800

say I think that I mean it's one of

294

00:12:21,620 --> 00:12:19,650

those you know Malcolm Gladwell wrote a

295

00:12:23,750 --> 00:12:21,630

book called the tipping point which was

296

00:12:27,260 --> 00:12:23,760

all about the way that yeah what is it

297

00:12:30,620 --> 00:12:27,270

about certain kinds of phenomena whereby

298

00:12:32,510 --> 00:12:30,630

they suddenly kind of take off and you

299

00:12:35,930 --> 00:12:32,520

know become kind of almost a fashionable

300

00:12:42,590 --> 00:12:35,940

and trendy we see that's what worries me

301
00:12:44,720 --> 00:12:42,600
um that I wonder sometimes when I go to

302
00:12:48,620 --> 00:12:44,730
conferences and talk to lots of people

303
00:12:50,280 --> 00:12:48,630
and you know you talk to believers and

304
00:12:51,810 --> 00:12:50,290
you talk to skeptics and

305
00:12:53,519 --> 00:12:51,820
you know you get to know all kinds of

306
00:12:56,129 --> 00:12:53,529
people that are involved in this sort of

307
00:12:59,970 --> 00:12:56,139
business if you like and I what worries

308
00:13:02,430 --> 00:12:59,980
me is that skepticism might go down that

309
00:13:04,620 --> 00:13:02,440
road where it does become this quite an

310
00:13:07,410 --> 00:13:04,630
activist movement that it does become

311
00:13:10,199 --> 00:13:07,420
something that is fashionable so richard

312
00:13:12,480 --> 00:13:10,209
dawkins at the moment is very

313
00:13:16,019 --> 00:13:12,490

fashionable is taken on almost as what

314

00:13:19,079 --> 00:13:16,029

cult status and what worries me is that

315

00:13:21,870 --> 00:13:19,089

the skepticism will look up to someone

316

00:13:24,509 --> 00:13:21,880

like that and he will take on this sort

317

00:13:28,379 --> 00:13:24,519

of you even said it yourself Lord Lord

318

00:13:30,629 --> 00:13:28,389

or kings you know and that's that sort

319

00:13:33,420 --> 00:13:30,639

of hero worship if I may use that term

320

00:13:36,600 --> 00:13:33,430

is part of the thing that we're trying

321

00:13:39,240 --> 00:13:36,610

to guard against isn't it that's a blind

322

00:13:42,569 --> 00:13:39,250

if I may use the word faith in someone

323

00:13:44,189 --> 00:13:42,579

else's opinion is is the is the whole

324

00:13:47,670 --> 00:13:44,199

thing that we're trying to avoid and yes

325

00:13:50,009 --> 00:13:47,680

will we want to promote critical

326

00:13:51,930 --> 00:13:50,019

thinking but we also want to promote

327

00:13:54,689 --> 00:13:51,940

individual thinking we want people to

328

00:13:57,180 --> 00:13:54,699

think for themselves rather than just

329

00:13:59,009 --> 00:13:57,190

blindly follow oh absolutely no I mean I

330

00:14:01,710 --> 00:13:59,019

think I mean I can see I can see where

331

00:14:04,350 --> 00:14:01,720

you're coming from and to a certain

332

00:14:05,639 --> 00:14:04,360

extent I kind of share those concerns I

333

00:14:09,720 --> 00:14:05,649

mean first of all let me just say that

334

00:14:11,579 --> 00:14:09,730

you know I'm like most of the scientists

335

00:14:12,720 --> 00:14:11,589

and skeptics I'm a huge fan of Richard

336

00:14:15,600 --> 00:14:12,730

Dawkins I'm nothing he writes

337

00:14:18,389 --> 00:14:15,610

beautifully he's you know there are

338

00:14:20,610 --> 00:14:18,399

times particularly when he came of doing

339

00:14:22,670 --> 00:14:20,620

the skeptical stuff that even though I

340

00:14:24,750 --> 00:14:22,680

may agree with what he's saying i'm not

341

00:14:28,769 --> 00:14:24,760

particularly taken with the way yusei's

342

00:14:30,059 --> 00:14:28,779

it yes now i think that there's I mean I

343

00:14:32,850 --> 00:14:30,069

think there are different kinds of

344

00:14:34,170 --> 00:14:32,860

skeptic and I'm one of the things this

345

00:14:36,960 --> 00:14:34,180

is another we I thought about quite a

346

00:14:39,389 --> 00:14:36,970

lot of our PhD student who is doing a

347

00:14:41,460 --> 00:14:39,399

PhD on the psychology of skepticism

348

00:14:42,990 --> 00:14:41,470

because you know we all tend to kind of

349

00:14:45,030 --> 00:14:43,000

ultimately assume that what needs

350

00:14:47,460 --> 00:14:45,040

explaining is belief in this stuff

351

00:14:49,679 --> 00:14:47,470

there's a kind of assumption i think

352

00:14:51,300 --> 00:14:49,689

amongst most skeptics that it's the

353

00:14:52,829 --> 00:14:51,310

belief that's the weird thing that needs

354

00:14:54,809 --> 00:14:52,839

explaining is if it's some kind of

355

00:14:57,780 --> 00:14:54,819

deviation from some kind of rational

356

00:14:59,699 --> 00:14:57,790

norm now in fact i'd argue very strongly

357

00:15:02,910 --> 00:14:59,709

that the norm is not one of rationality

358

00:15:03,630 --> 00:15:02,920

we are all inherently irrational and so

359

00:15:04,830 --> 00:15:03,640

there

360

00:15:07,140 --> 00:15:04,840

his question about what is it about this

361

00:15:10,080 --> 00:15:07,150

weird bunch of people who actually don't

362

00:15:12,840 --> 00:15:10,090

just accept all these are the beliefs in

363

00:15:14,820 --> 00:15:12,850

God or the paranormal error else it may

364

00:15:19,200 --> 00:15:14,830

be that other people in the surrounding

365

00:15:20,460 --> 00:15:19,210

society tip you know do accept and that

366

00:15:21,600 --> 00:15:20,470

raises interesting question one of the

367

00:15:23,250 --> 00:15:21,610

things we want to look at is the notion

368

00:15:27,690 --> 00:15:23,260

that there are probably different

369

00:15:32,010 --> 00:15:27,700

subcategories of skeptic and i'm pretty

370

00:15:32,970 --> 00:15:32,020

sure for example that you could devise i

371

00:15:34,320 --> 00:15:32,980

mean the one things we want to do is

372

00:15:37,380 --> 00:15:34,330

devised a questionnaire that tries to

373

00:15:39,750 --> 00:15:37,390

address this and I mean my version of

374

00:15:41,190 --> 00:15:39,760

skepticism the one that I always pushing

375

00:15:44,250 --> 00:15:41,200

the one I think obviously I would

376

00:15:47,490 --> 00:15:44,260

wouldn't I is the true that the one true

377

00:15:49,230 --> 00:15:47,500

voice of skepticism is is one that does

378

00:15:51,300 --> 00:15:49,240

actually except that well yeah look guys

379

00:15:53,400 --> 00:15:51,310

we may be wrong and that's really

380

00:15:56,370 --> 00:15:53,410

fundamentally important part of

381

00:15:58,620 --> 00:15:56,380

skepticism for me and that's something

382

00:16:02,040 --> 00:15:58,630

we see that I don't hear very often I'm

383

00:16:04,470 --> 00:16:02,050

afraid I don't hear that skeptical

384

00:16:06,390 --> 00:16:04,480

element from skeptics that often because

385

00:16:08,160 --> 00:16:06,400

we could be wrong well absolutely I know

386

00:16:10,260 --> 00:16:08,170

that the definition of belief that i use

387

00:16:12,570 --> 00:16:10,270

in talks is that it's based upon a

388

00:16:15,900 --> 00:16:12,580

proposition that doesn't have any

389

00:16:17,280 --> 00:16:15,910

conclusive evidence and skepticism is

390

00:16:20,130 --> 00:16:17,290

the same week we can't be absolutely

391

00:16:22,110 --> 00:16:20,140

certain that we're right we can

392

00:16:24,120 --> 00:16:22,120

replicate you know the sort of psychic

393

00:16:26,040 --> 00:16:24,130

nonsense that Derek agura's of this

394

00:16:31,080 --> 00:16:26,050

world do etc but we can't be absolutely

395

00:16:34,050 --> 00:16:31,090

certain sorry oh that's why I worry that

396

00:16:36,030 --> 00:16:34,060

that we are going down maybe a slightly

397

00:16:37,590 --> 00:16:36,040

dangerous road well I think I'm not

398

00:16:39,690 --> 00:16:37,600

think that can happen I mean just in

399

00:16:41,250 --> 00:16:39,700

terms of you know my own kind of

400

00:16:43,620 --> 00:16:41,260

personal history on this which you are

401
00:16:45,750 --> 00:16:43,630
obviously aware of I used to be a

402
00:16:48,090 --> 00:16:45,760
believer in all this stuff when I was a

403
00:16:49,860 --> 00:16:48,100
teenager I kind of had a vague interest

404
00:16:52,230 --> 00:16:49,870
i'd read the occasional book whatever

405
00:16:54,000 --> 00:16:52,240
what's rolling on TV and most of the

406
00:16:58,080 --> 00:16:54,010
stuff back then this is kind of in the

407
00:17:00,090 --> 00:16:58,090
early 1650 was obviously it was all very

408
00:17:01,920 --> 00:17:00,100
pro paranormal I mean the skeptical

409
00:17:03,780 --> 00:17:01,930
movement was not as organized and you

410
00:17:06,540 --> 00:17:03,790
rarely heard a skeptical voice and

411
00:17:08,460 --> 00:17:06,550
really what people wanted to read about

412
00:17:10,620 --> 00:17:08,470
and this is still predominant the cases

413
00:17:12,000 --> 00:17:10,630

they wanted mysteries they wanted the

414

00:17:14,280 --> 00:17:12,010

paranormal they wanted ghosts they

415

00:17:15,439 --> 00:17:14,290

wanted UF Rosen and so did I as a as a

416

00:17:18,289 --> 00:17:15,449

teenager

417

00:17:23,539 --> 00:17:18,299

and there were other things i wanted but

418

00:17:24,740 --> 00:17:23,549

we won't talk about that but it was the

419

00:17:27,319 --> 00:17:24,750

way through could do it a psychology

420

00:17:30,740 --> 00:17:27,329

degree where this kind of material was

421

00:17:33,470 --> 00:17:30,750

was hardly ever even touched on and I

422

00:17:35,720 --> 00:17:33,480

then did a PhD which on a completely

423

00:17:39,549 --> 00:17:35,730

different area and it was while I was

424

00:17:41,810 --> 00:17:39,559

doing a PhD that I read Jamal Cox book

425

00:17:44,840 --> 00:17:41,820

parapsychology science or magic still

426

00:17:47,299 --> 00:17:44,850

worth the read but it was while I was

427

00:17:49,250 --> 00:17:47,309

reading that book that the scales fell

428

00:17:51,049 --> 00:17:49,260

from my eyes and I became a

429

00:17:52,820 --> 00:17:51,059

card-carrying skeptic and I think for a

430

00:17:54,889 --> 00:17:52,830

while I became what I would now see have

431

00:17:58,159 --> 00:17:54,899

been a fairly kind of extreme skeptic I

432

00:18:00,860 --> 00:17:58,169

had the view that all parapsychologists

433

00:18:03,470 --> 00:18:00,870

were incompetent they didn't now to run

434

00:18:05,000 --> 00:18:03,480

it now I now know quite a lot of

435

00:18:08,570 --> 00:18:05,010

parapsychology I don't think that's true

436

00:18:11,060 --> 00:18:08,580

and also the idea that you know anybody

437

00:18:12,680 --> 00:18:11,070

who made some kind of claim that they

438

00:18:14,509 --> 00:18:12,690

had psychic abilities was a deliberate

439

00:18:16,549 --> 00:18:14,519

fraud you know now I'm not saying that's

440

00:18:19,639 --> 00:18:16,559

Jamal Cox fault so minutes but I was my

441

00:18:21,279 --> 00:18:19,649

you know that was my take on reading

442

00:18:23,149 --> 00:18:21,289

those kind of books reading other books

443

00:18:25,250 --> 00:18:23,159

reading stuff in The Skeptical Inquirer

444

00:18:26,899 --> 00:18:25,260

but I did have that opinion that was

445

00:18:28,279 --> 00:18:26,909

very kind of you're really very very

446

00:18:30,740 --> 00:18:28,289

negative about anybody who had these

447

00:18:32,570 --> 00:18:30,750

beliefs are made these claims I like to

448

00:18:35,029 --> 00:18:32,580

think I've kind of mellowed a bit and

449

00:18:37,820 --> 00:18:35,039

it's become a bit more moderate but I'm

450

00:18:40,009 --> 00:18:37,830

aware of the fact that when I when I was

451
00:18:42,769 --> 00:18:40,019
an extreme skeptic I didn't really like

452
00:18:45,110 --> 00:18:42,779
skeptics like I am now I would have seen

453
00:18:47,980 --> 00:18:45,120
myself as being really wishy-washy then

454
00:18:50,060 --> 00:18:47,990
one thing is that people like simple

455
00:18:53,870 --> 00:18:50,070
clarity they're like things in black and

456
00:18:55,009 --> 00:18:53,880
white so if you can actually say well we

457
00:18:57,049 --> 00:18:55,019
know it's all a load of old rubbish

458
00:18:58,820 --> 00:18:57,059
don't we that's a nice simple

459
00:19:03,700 --> 00:18:58,830
straightforward answer words and you've

460
00:19:05,899 --> 00:19:03,710
got some you know kind of nitpicker

461
00:19:07,580 --> 00:19:05,909
scientist who say well i think is

462
00:19:08,990 --> 00:19:07,590
probably but there's nothing in this

463
00:19:10,879 --> 00:19:09,000

claim but that just might be there some

464

00:19:12,649 --> 00:19:10,889

quite intriguing and data over here and

465

00:19:13,789 --> 00:19:12,659

you know some so-and-so seems to get

466

00:19:15,710 --> 00:19:13,799

replica files I don't know how you

467

00:19:18,830 --> 00:19:15,720

explain away that particular phenomenon

468

00:19:19,970 --> 00:19:18,840

and so on then it kind of muddies things

469

00:19:21,440 --> 00:19:19,980

you don't really want that and I

470

00:19:23,299 --> 00:19:21,450

certainly wouldn't want to that them but

471

00:19:25,610 --> 00:19:23,309

I mean I'm afraid that's the now that's

472

00:19:27,289 --> 00:19:25,620

the state i'm at now i'm open to the

473

00:19:27,800 --> 00:19:27,299

idea that i mind you I don't think I a

474

00:19:30,290 --> 00:19:27,810

movie

475

00:19:32,410 --> 00:19:30,300

no because I'm thinking believing things

476

00:19:35,930 --> 00:19:32,420

that they think are wrong oh they now

477

00:19:37,190 --> 00:19:35,940

but it would take yeah I mean what would

478

00:19:38,840 --> 00:19:37,200

what would convince me and I've written

479

00:19:39,920 --> 00:19:38,850

a chapter about this recently for a book

480

00:19:42,170 --> 00:19:39,930

you know what would it take to convince

481

00:19:44,450 --> 00:19:42,180

me that sigh exists well yeah I don't

482

00:19:47,320 --> 00:19:44,460

think too much after over one in 20

483

00:19:50,630 --> 00:19:47,330

years of research for a single

484

00:19:52,520 --> 00:19:50,640

replicable robust demonstration of

485

00:19:54,890 --> 00:19:52,530

paranormal forces and if that happens

486

00:19:56,720 --> 00:19:54,900

well so be it ok there's skeptics will

487

00:19:58,220 --> 00:19:56,730

have egg on their face and it'll be a

488

00:20:00,350 --> 00:19:58,230

bit embarrassing but I'd like to think

489

00:20:02,090 --> 00:20:00,360

that would be scientific enough to be

490

00:20:03,410 --> 00:20:02,100

able to say okay we were wrong let's get

491

00:20:05,930 --> 00:20:03,420

on with the study this is really really

492

00:20:07,730 --> 00:20:05,940

interesting stuff whether we would or

493

00:20:11,330 --> 00:20:07,740

not I'm honest I honestly don't know

494

00:20:14,680 --> 00:20:11,340

there's a huge bias against anything

495

00:20:18,020 --> 00:20:14,690

paranormal within science and even if

496

00:20:20,420 --> 00:20:18,030

the even if it is in fact the case that

497

00:20:22,430 --> 00:20:20,430

paranormal forces don't exist I don't

498

00:20:25,130 --> 00:20:22,440

think it's necessarily the case that the

499

00:20:28,850 --> 00:20:25,140

people who express opinions optimum

500

00:20:30,440 --> 00:20:28,860

position of relative ignorance I'm not

501
00:20:31,850 --> 00:20:30,450
talking about here but anybody who is

502
00:20:34,040 --> 00:20:31,860
going to you know that mean that there

503
00:20:36,380 --> 00:20:34,050
are lots of people like Jim or [h__h] and

504
00:20:38,270 --> 00:20:36,390
ray hyman Richard Wiseman sue Blackmore

505
00:20:39,980 --> 00:20:38,280
they're not talking from position of

506
00:20:42,860 --> 00:20:39,990
ignorance they put lots of time into

507
00:20:45,230 --> 00:20:42,870
studying the data thinking about and so

508
00:20:46,730 --> 00:20:45,240
on but there are others who shall remain

509
00:20:49,100 --> 00:20:46,740
nameless for the purpose of this

510
00:20:52,880 --> 00:20:49,110
interview who make pronouncements from

511
00:20:54,260 --> 00:20:52,890
on high that are actually just not true

512
00:20:55,580 --> 00:20:54,270
they've not looked at the evidence they

513
00:20:58,250 --> 00:20:55,590

won't look at the evidence because they

514

00:21:00,080 --> 00:20:58,260

know in advance what the conclusion it

515

00:21:01,940 --> 00:21:00,090

well that's not science so as I'm

516

00:21:04,010 --> 00:21:01,950

concerned no no that's no good is it

517

00:21:07,370 --> 00:21:04,020

that's not good for the movement we do

518

00:21:08,840 --> 00:21:07,380

exactly yeah all right um what are you

519

00:21:11,240 --> 00:21:08,850

working on at the moment anything in

520

00:21:13,340 --> 00:21:11,250

particularly major projects did you

521

00:21:14,990 --> 00:21:13,350

write logs did you get the anomalies we

522

00:21:16,730 --> 00:21:15,000

are right in the book we are right now I

523

00:21:18,800 --> 00:21:16,740

say we because I now have a co-author on

524

00:21:23,570 --> 00:21:18,810

that one that's a good way of moving the

525

00:21:25,400 --> 00:21:23,580

project along I get somewhere so that we

526
00:21:27,620 --> 00:21:25,410
are making progress with and I'm hoping

527
00:21:29,000 --> 00:21:27,630
to actually also write another one gonna

528
00:21:32,420 --> 00:21:29,010
finish that one of which will be more of

529
00:21:34,160 --> 00:21:32,430
a kind of popular science type approach

530
00:21:35,330 --> 00:21:34,170
to an honest excite ecology but aimed at

531
00:21:37,580 --> 00:21:35,340
a general audience rather than being a

532
00:21:39,560 --> 00:21:37,590
textbook there's the good old skeptic

533
00:21:40,690 --> 00:21:39,570
magazine of course which is still going

534
00:21:43,660 --> 00:21:40,700
strong

535
00:21:46,060 --> 00:21:43,670
and we revamp that a while back to mark

536
00:21:50,800 --> 00:21:46,070
the fact that it had been in existence

537
00:21:52,570 --> 00:21:50,810
for 21 years and since we've revamped it

538
00:21:57,220 --> 00:21:52,580

were gone to 28 pages to 40 with a

539

00:21:59,560 --> 00:21:57,230

stellar editorial advisory board and the

540

00:22:00,940 --> 00:21:59,570

number of paid subscribers has gone up

541

00:22:04,540 --> 00:22:00,950

by over fifty percent so that's all

542

00:22:06,700 --> 00:22:04,550

going well in a year we also produced a

543

00:22:10,540 --> 00:22:06,710

best of the skeptic volume called why

544

00:22:12,400 --> 00:22:10,550

statues weep and that's got kind of us

545

00:22:15,490 --> 00:22:12,410

yes I going back over the over the past

546

00:22:17,440 --> 00:22:15,500

21 years and we've put together you know

547

00:22:20,200 --> 00:22:17,450

some of the best pieces from the skeptic

548

00:22:22,180 --> 00:22:20,210

over that time period um yeah you know

549

00:22:25,050 --> 00:22:22,190

in terms of research which is a lot

550

00:22:28,870 --> 00:22:25,060

going on I won't go through all of it

551
00:22:30,490 --> 00:22:28,880
the I've just javis this morning this

552
00:22:32,500 --> 00:22:30,500
very morning I've just been doing a

553
00:22:36,210 --> 00:22:32,510
presentation looking at kind of what's a

554
00:22:38,020 --> 00:22:36,220
very promising new line of research

555
00:22:39,700 --> 00:22:38,030
probably quite a lot of your listeners

556
00:22:42,730 --> 00:22:39,710
will be in this over into psychology

557
00:22:47,140 --> 00:22:42,740
will be familiar with the concept of

558
00:22:49,380 --> 00:22:47,150
inattentional blindness this is where if

559
00:22:52,630 --> 00:22:49,390
you're concentrating on one particular

560
00:22:54,190 --> 00:22:52,640
task you may just completely fail to

561
00:22:56,110 --> 00:22:54,200
notice something that is task yet

562
00:22:57,250 --> 00:22:56,120
relevant but something you think you

563
00:22:59,890 --> 00:22:57,260

would see in the classic demonstration

564

00:23:01,090 --> 00:22:59,900

of this is a video clip which you can

565

00:23:03,220 --> 00:23:01,100

probably get you just killed the

566

00:23:07,930 --> 00:23:03,230

internet where you see people standing

567

00:23:09,280 --> 00:23:07,940

around in either in rack and I think

568

00:23:11,860 --> 00:23:09,290

these are black shirts and white shirts

569

00:23:13,480 --> 00:23:11,870

in a gym bouncing balls and throwing

570

00:23:15,700 --> 00:23:13,490

passing balls to each other and the

571

00:23:17,230 --> 00:23:15,710

participants task is just to count the

572

00:23:19,930 --> 00:23:17,240

number of times that the people in the

573

00:23:22,360 --> 00:23:19,940

white shirts pass the ball very simple

574

00:23:24,460 --> 00:23:22,370

task and you let them watch this clip it

575

00:23:26,350 --> 00:23:24,470

probably last about 30 seconds or so and

576

00:23:27,940 --> 00:23:26,360

you ask them how many times they give

577

00:23:30,700 --> 00:23:27,950

the answer and then you say did you see

578

00:23:35,110 --> 00:23:30,710

anything the odd well your do say

579

00:23:38,740 --> 00:23:35,120

anything else and what half of the

580

00:23:41,020 --> 00:23:38,750

people who you ask that question to fail

581

00:23:43,930 --> 00:23:41,030

to report is that halfway through the

582

00:23:45,760 --> 00:23:43,940

scene a person comes on is a real assuit

583

00:23:48,070 --> 00:23:45,770

stands in the middle of the group for

584

00:23:50,260 --> 00:23:48,080

view oops their chest for a few seconds

585

00:23:53,080 --> 00:23:50,270

and then walks off as a kind of thing

586

00:23:54,190 --> 00:23:53,090

you think you'd see but half the

587

00:23:58,600 --> 00:23:54,200

population

588

00:24:03,040 --> 00:23:58,610

out now the thing that I've been doing

589

00:24:04,540 --> 00:24:03,050

recently is looking to there's been a

590

00:24:06,970 --> 00:24:04,550

lot of research on inattentional

591

00:24:08,620 --> 00:24:06,980

blindness but very little of it has

592

00:24:11,160 --> 00:24:08,630

actually addressed the question of what

593

00:24:15,100 --> 00:24:11,170

kind of people might be more susceptible

594

00:24:18,580 --> 00:24:15,110

intentional blindness and I was familiar

595

00:24:20,500 --> 00:24:18,590

with the concept of absorption which is

596

00:24:22,720 --> 00:24:20,510

a personality trait that refers to the

597

00:24:25,630 --> 00:24:22,730

degree to which you can completely lose

598

00:24:27,280 --> 00:24:25,640

yourself in say a book or TV program

599

00:24:29,170 --> 00:24:27,290

when you're watching it or whatever and

600

00:24:30,400 --> 00:24:29,180

cut off the outside world like that kind

601
00:24:31,960 --> 00:24:30,410
of sounded quite similar to me so I

602
00:24:34,360 --> 00:24:31,970
thought well I'd expect those two to

603
00:24:35,980 --> 00:24:34,370
correlate and the nicely dry point of

604
00:24:37,720 --> 00:24:35,990
view is absorption is known to correlate

605
00:24:39,460 --> 00:24:37,730
with paranoid relief and reports of

606
00:24:41,910 --> 00:24:39,470
paranormal experience so we basically

607
00:24:44,590 --> 00:24:41,920
just did an attentional blindness study

608
00:24:48,760 --> 00:24:44,600
using a kind of similar kind of task to

609
00:24:51,790 --> 00:24:48,770
the one I've just described and if you

610
00:24:53,770 --> 00:24:51,800
compare the intentionally blind with the

611
00:24:56,280 --> 00:24:53,780
Norma intentionally blind the

612
00:25:00,580 --> 00:24:56,290
inattention align do as predicted score

613
00:25:02,530 --> 00:25:00,590

very significantly higher in terms of

614

00:25:04,330 --> 00:25:02,540

absorption and they also score

615

00:25:06,850 --> 00:25:04,340

significantly higher in terms of

616

00:25:08,320 --> 00:25:06,860

paranormal experience nice time and then

617

00:25:09,490 --> 00:25:08,330

we kind of depth with a follow-up to

618

00:25:11,320 --> 00:25:09,500

replicate that to make sure it was a

619

00:25:13,270 --> 00:25:11,330

really effect and indeed it is in the

620

00:25:15,510 --> 00:25:13,280

second experiment we also included in a

621

00:25:17,590 --> 00:25:15,520

measure of working memory capacity

622

00:25:19,810 --> 00:25:17,600

because the idea is that if you've got a

623

00:25:21,460 --> 00:25:19,820

low working memory capacity all your

624

00:25:22,900 --> 00:25:21,470

cognitive resources have taken up on the

625

00:25:26,290 --> 00:25:22,910

primary task so you're less likely to

626

00:25:28,600 --> 00:25:26,300

see the distractor and a game we

627

00:25:32,800 --> 00:25:28,610

replicated the results and we found that

628

00:25:35,590 --> 00:25:32,810

the as in line with previous research by

629

00:25:37,900 --> 00:25:35,600

other people that the working memory

630

00:25:39,850 --> 00:25:37,910

capacity was lower for the inattention

631

00:25:41,980 --> 00:25:39,860

he blind than for the people who who

632

00:25:43,960 --> 00:25:41,990

spotted the the irrelevance it was they

633

00:25:45,970 --> 00:25:43,970

also liked you to score higher on

634

00:25:47,650 --> 00:25:45,980

absorption as well yeah we replicated

635

00:25:49,180 --> 00:25:47,660

the same effects that we've got in the

636

00:25:51,610 --> 00:25:49,190

first experiment the same experiment and

637

00:25:53,080 --> 00:25:51,620

we also got differences on welcome em

638

00:25:55,690 --> 00:25:53,090

across it and we also found that there

639

00:25:57,970 --> 00:25:55,700

was a significant correlation negative

640

00:26:00,220 --> 00:25:57,980

correlation between paranormal relief

641

00:26:02,500 --> 00:26:00,230

and something as basic as working memory

642

00:26:04,270 --> 00:26:02,510

capacity in other words the lower your

643

00:26:05,760 --> 00:26:04,280

working memory capacity the more likely

644

00:26:08,190 --> 00:26:05,770

you are to believe in the paranormal

645

00:26:09,510 --> 00:26:08,200

well tell there's a lot of follow up

646

00:26:10,710 --> 00:26:09,520

with you on hats that was that was good

647

00:26:12,510 --> 00:26:10,720

but there's lots of other stuff going on

648

00:26:14,600 --> 00:26:12,520

as well we've got so if people are

649

00:26:16,740 --> 00:26:14,610

interested in checking out what

650

00:26:18,870 --> 00:26:16,750

professor professor French and

651
00:26:21,270 --> 00:26:18,880
colleagues are up to best place to check

652
00:26:24,860 --> 00:26:21,280
first is EAP are you yeah so the other

653
00:26:27,840 --> 00:26:24,870
game just to it's a www Goldsmith AC UK

654
00:26:30,900 --> 00:26:27,850
/ap are you and you can come download

655
00:26:32,790 --> 00:26:30,910
publications from there you can we've

656
00:26:34,830 --> 00:26:32,800
got some online lectures there we have

657
00:26:36,420 --> 00:26:34,840
an amazing speakers program and wherever

658
00:26:39,660 --> 00:26:36,430
possible we actually record them and put

659
00:26:41,430 --> 00:26:39,670
them online so there's there's lots of

660
00:26:43,710 --> 00:26:41,440
lots of goodies there for people and

661
00:26:45,690 --> 00:26:43,720
they can sign up for the reunion your

662
00:26:47,640 --> 00:26:45,700
most fantastic Chris it's been a

663
00:26:49,200 --> 00:26:47,650

pleasure thank you very very much but I

664

00:26:51,570 --> 00:26:49,210

going by your drink now that's a great

665

00:27:00,180 --> 00:26:51,580

idea alright I will return to your

666

00:27:03,180 --> 00:27:00,190

Syrian listeners by there are many

667

00:27:05,790 --> 00:27:03,190

universes in the multiverse but aren't

668

00:27:13,590 --> 00:27:05,800

you glad you're in this one listening to

669

00:27:16,890 --> 00:27:13,600

the skeptics either crikey this is

670

00:27:21,260 --> 00:27:16,900

Richard Saunders from down under former

671

00:27:25,230 --> 00:27:21,270

telly celeb current podcaster and future

672

00:27:28,320 --> 00:27:25,240

bushranger well wacko those bombs are

673

00:27:31,730 --> 00:27:28,330

blokes in the US of A have invited dr.

674

00:27:35,880 --> 00:27:31,740

Richie and myself to skeptics in the pub

675

00:27:39,270 --> 00:27:35,890

Monday 30 august two thousand and ten at

676

00:27:43,440 --> 00:27:39,280

the Beachcomber cafe at Crystal Cove

677

00:27:46,470 --> 00:27:43,450

newport beach california at 19 o'clock

678

00:27:48,450 --> 00:27:46,480

whatever that means come and knock back

679

00:27:51,150 --> 00:27:48,460

a few cold eeze with us while we give

680

00:27:55,080 --> 00:27:51,160

you the drum about those Drago pulleys

681

00:28:10,870 --> 00:27:55,090

in Australia no raw prawns we are fair

682

00:28:16,850 --> 00:28:14,330

dr. Carol Tavis is an American social

683

00:28:19,789 --> 00:28:16,860

psychologist and author she co-authored

684

00:28:22,460 --> 00:28:19,799

the book mistakes were made but not by

685

00:28:24,410 --> 00:28:22,470

me she received her PhD in social

686

00:28:26,900 --> 00:28:24,420

psychology from the University of

687

00:28:29,950 --> 00:28:26,910

Michigan and has taught psychology at

688

00:28:32,330 --> 00:28:29,960

the University of California Los Angeles

689

00:28:41,270 --> 00:28:32,340

reporter joanne bed amoo caught up with

690

00:28:43,159 --> 00:28:41,280

Carol cameras at the amazing mediate dr.

691

00:28:46,010 --> 00:28:43,169

karl-thomas welcome to the skeptics own

692

00:28:48,440 --> 00:28:46,020

podcast we're here at tam 8 how you

693

00:28:51,380 --> 00:28:48,450

enjoying the convention it's been quite

694

00:28:53,360 --> 00:28:51,390

it's fuzzy and the definitely fans what

695

00:28:55,460 --> 00:28:53,370

could be better it's an amazing

696

00:28:58,460 --> 00:28:55,470

experience it's my first one so I am

697

00:29:01,640 --> 00:28:58,470

reasonably overwhelmed myself edited all

698

00:29:03,409 --> 00:29:01,650

day long in rapt attention to every

699

00:29:05,210 --> 00:29:03,419

speaker I can't I mean it was just

700

00:29:06,110 --> 00:29:05,220

fabulous there I was at the end of the

701
00:29:08,390 --> 00:29:06,120
day I thought everybody's going to be

702
00:29:11,030 --> 00:29:08,400
sleeping in their seats and no everybody

703
00:29:13,010 --> 00:29:11,040
was why awake and had you been to

704
00:29:15,500 --> 00:29:13,020
previous stance and I've your first as

705
00:29:17,510 --> 00:29:15,510
well it is a rather a little experience

706
00:29:20,600 --> 00:29:17,520
and it's a delight to see so many people

707
00:29:21,950 --> 00:29:20,610
so passionate about human beings and

708
00:29:25,010 --> 00:29:21,960
about signs and everything all together

709
00:29:27,470 --> 00:29:25,020
so it's very exciting one of the things

710
00:29:30,560 --> 00:29:27,480
I guess starting off with your book

711
00:29:33,470 --> 00:29:30,570
mistakes were made but not by me I found

712
00:29:35,510 --> 00:29:33,480
an absolutely fascinating read and as I

713
00:29:37,010 --> 00:29:35,520

think I think it was held bid luck when

714

00:29:38,690 --> 00:29:37,020

he introduced you when you gave your

715

00:29:42,470 --> 00:29:38,700

talk early so that is a must read for

716

00:29:44,600 --> 00:29:42,480

all skeptics and and I I think I can

717

00:29:45,890 --> 00:29:44,610

absolutely agree with that when you gave

718

00:29:48,560 --> 00:29:45,900

your talk one of the things you talked

719

00:29:52,120 --> 00:29:48,570

about were the three hard wide by seas

720

00:29:56,080 --> 00:29:52,130

of the brain and I found that a

721

00:29:58,120 --> 00:29:56,090

fascinating idea in terms of the concept

722

00:30:00,640 --> 00:29:58,130

cognitive dissonance and how that

723

00:30:04,390 --> 00:30:00,650

relates to us as skeptics and as human

724

00:30:07,269 --> 00:30:04,400

beings people who feel plate talk today

725

00:30:09,370 --> 00:30:07,279

and then heard you I think would be

726

00:30:11,230 --> 00:30:09,380

aware of one of the things that's come

727

00:30:13,090 --> 00:30:11,240

to the attention of some of the

728

00:30:16,720 --> 00:30:13,100

prominent people in the skeptical

729

00:30:19,750 --> 00:30:16,730

community is how skeptics can be

730

00:30:24,549 --> 00:30:19,760

affected by cognitive dissonance and I

731

00:30:27,640 --> 00:30:24,559

am interested to hear how you what your

732

00:30:30,820 --> 00:30:27,650

views are on how we are skeptics can

733

00:30:32,919 --> 00:30:30,830

hold foolish beliefs well here's here's

734

00:30:35,380 --> 00:30:32,929

where dissonance is so important to

735

00:30:38,320 --> 00:30:35,390

understand what my colleague and friend

736

00:30:41,260 --> 00:30:38,330

Eliot arenson showed with cognitive to

737

00:30:43,779 --> 00:30:41,270

Canada dissonance is what you feel if

738

00:30:47,470 --> 00:30:43,789

your best friend hates your favorite

739

00:30:49,120 --> 00:30:47,480

movie yeah you want to either think less

740

00:30:50,889 --> 00:30:49,130

of the movie or less of your friend

741

00:30:52,630 --> 00:30:50,899

right because you want to put them in

742

00:30:55,029 --> 00:30:52,640

harmony that's trivial form of

743

00:30:57,460 --> 00:30:55,039

dissonance where it really matters is

744

00:31:01,029 --> 00:30:57,470

when some important central part of the

745

00:31:03,310 --> 00:31:01,039

self-concept you think of yourself as an

746

00:31:06,039 --> 00:31:03,320

expert in this or that you think of

747

00:31:08,289 --> 00:31:06,049

yourself as professionally competent or

748

00:31:11,830 --> 00:31:08,299

really good needlepoint whatever the

749

00:31:14,710 --> 00:31:11,840

skill or quality is if that's called

750

00:31:20,080 --> 00:31:14,720

into question then our impulse is going

751
00:31:23,039 --> 00:31:20,090
to be to justify the mistake we made or

752
00:31:27,279 --> 00:31:23,049
the act of in competence rather than

753
00:31:30,519 --> 00:31:27,289
welcome the evidence now it's the

754
00:31:32,320 --> 00:31:30,529
self-concept that's paramount as

755
00:31:34,840 --> 00:31:32,330
Elliott's pointed out people who have a

756
00:31:37,149 --> 00:31:34,850
low self concept don't like information

757
00:31:39,039 --> 00:31:37,159
showing how well they've done we've all

758
00:31:42,310 --> 00:31:39,049
had that experience ourselves or with

759
00:31:43,450 --> 00:31:42,320
friends look you just want the Pulitzer

760
00:31:45,250 --> 00:31:43,460
Prize doesn't that mean you're a

761
00:31:47,529 --> 00:31:45,260
wonderful writer no it was just a fluke

762
00:31:49,990 --> 00:31:47,539
I mean that's what depression is you the

763
00:31:53,440 --> 00:31:50,000

self how does it won't budge now the

764

00:31:56,760 --> 00:31:53,450

danger for skeptics is that if we see

765

00:31:58,930 --> 00:31:56,770

ourselves if we pride ourselves on our

766

00:32:04,180 --> 00:31:58,940

open-mindedness on how we aren't have a

767

00:32:07,149 --> 00:32:04,190

fool that how you know we are thoughts

768

00:32:09,940 --> 00:32:07,159

are based on evidence and then we've

769

00:32:12,639 --> 00:32:09,950

shown that merely we are wrong and that

770

00:32:15,180 --> 00:32:12,649

we were full but we have an even greater

771

00:32:18,070 --> 00:32:15,190

incentive to dispute that eminence so

772

00:32:21,899 --> 00:32:18,080

skeptics aren't immune scientists aren't

773

00:32:26,370 --> 00:32:21,909

immune nobody is immune to the

774

00:32:29,240 --> 00:32:26,380

discomfort the painful discomfort of

775

00:32:32,510 --> 00:32:29,250

realizing we screwed up

776

00:32:34,880 --> 00:32:32,520

and so difficult is that to accept that

777

00:32:36,800 --> 00:32:34,890

that is why dissonance and its reduction

778

00:32:40,280 --> 00:32:36,810

is really an unconscious process for the

779

00:32:42,230 --> 00:32:40,290

most part it hums along allowing us to

780

00:32:45,620 --> 00:32:42,240

just check out information we don't want

781

00:32:50,150 --> 00:32:45,630

without or even being aware I guess then

782

00:32:53,420 --> 00:32:50,160

ego is a huge part of it and you talk in

783

00:32:56,750 --> 00:32:53,430

the book about george w bush as an

784

00:32:59,210 --> 00:32:56,760

example of how despite all evidence that

785

00:33:03,800 --> 00:32:59,220

demonstrated there were no WMDs and and

786

00:33:07,340 --> 00:33:03,810

so on he was incapable of saying to the

787

00:33:09,500 --> 00:33:07,350

public i was wrong yes he just changed

788

00:33:10,520 --> 00:33:09,510

his justifications for the war well

789

00:33:11,930 --> 00:33:10,530

there was this reason and this was in

790

00:33:13,280 --> 00:33:11,940

this week I know all of our predictions

791

00:33:14,720 --> 00:33:13,290

were wrong they didn't treat us in the

792

00:33:16,340 --> 00:33:14,730

streets dancing and they didn't throw

793

00:33:17,780 --> 00:33:16,350

roses in our feet and it wasn't over in

794

00:33:20,330 --> 00:33:17,790

six weeks and it didn't cost twenty-five

795

00:33:22,730 --> 00:33:20,340

dollars what all those predictions were

796

00:33:25,550 --> 00:33:22,740

wrong but that the war was right

797

00:33:30,800 --> 00:33:25,560

nonetheless it's very interesting the

798

00:33:33,510 --> 00:33:30,810

only I mean only by two purdum

799

00:33:35,550 --> 00:33:33,520

criticisms we've had of our book

800

00:33:37,200 --> 00:33:35,560

have come from Bush supporters really

801
00:33:38,970 --> 00:33:37,210
it's very it is a perfect example of

802
00:33:42,750 --> 00:33:38,980
cognitive dissonance just as you

803
00:33:44,810 --> 00:33:42,760
probably that predict they saw criticism

804
00:33:46,980 --> 00:33:44,820
of what they saw as criticism of bush

805
00:33:48,870 --> 00:33:46,990
but they didn't see that we're equally

806
00:33:52,410 --> 00:33:48,880
likely to criticize Lyndon Johnson a

807
00:33:55,800 --> 00:33:52,420
Democrat or democratic prosecuting

808
00:33:58,650 --> 00:33:55,810
attorneys you know it's it's that's Hut

809
00:34:01,610 --> 00:33:58,660
descendants works we notice insults to

810
00:34:04,560 --> 00:34:01,620
our own beliefs or political party and

811
00:34:06,030 --> 00:34:04,570
conclude the other persons do not there

812
00:34:07,860 --> 00:34:06,040
well you've got to just saved me from a

813
00:34:09,000 --> 00:34:07,870

question which was actually exactly that

814

00:34:10,980 --> 00:34:09,010

that when you're ideologically driven

815

00:34:12,960 --> 00:34:10,990

you know particularly if you're going to

816

00:34:16,500 --> 00:34:12,970

look at the sort of obvious examples of

817

00:34:18,149 --> 00:34:16,510

left versus right I guess also if you as

818

00:34:20,550 --> 00:34:18,159

a social psychologist there's a view of

819

00:34:22,860 --> 00:34:20,560

the humanities perhaps as you know being

820

00:34:25,710 --> 00:34:22,870

a soft area and and and someone from the

821

00:34:27,480 --> 00:34:25,720

right perhaps may also feel threatened

822

00:34:31,380 --> 00:34:27,490

by some of that that I don't know that

823

00:34:34,169 --> 00:34:31,390

for certain but I guess that something

824

00:34:36,180 --> 00:34:34,179

like that well an idea of attacking that

825

00:34:37,830 --> 00:34:36,190

would be quite you're asking if there

826

00:34:40,020 --> 00:34:37,840

are personality differences in the

827

00:34:42,899 --> 00:34:40,030

ability to tolerate dissonance and

828

00:34:45,630 --> 00:34:42,909

discomfort and the authoritarian

829

00:34:49,139 --> 00:34:45,640

personality the authoritarian person

830

00:34:51,040 --> 00:34:49,149

doesn't want any discrepant or

831

00:34:53,200 --> 00:34:51,050

disconfirming evidence

832

00:34:56,629 --> 00:34:53,210

they'll shoot the messenger home rather

833

00:35:00,890 --> 00:34:58,609

but we're all of us vulnerable to it see

834

00:35:04,240 --> 00:35:00,900

where this matters in politics here in

835

00:35:09,190 --> 00:35:06,550

when George Bush spotted the geneva

836

00:35:11,830 --> 00:35:09,200

convention by condoning torture which

837

00:35:15,040 --> 00:35:11,840

was it was unmistakably tortured our

838

00:35:17,609 --> 00:35:15,050

own intelligence agencies in their

839

00:35:21,390 --> 00:35:19,289

it showed clearly that the US military

840

00:35:24,059 --> 00:35:21,400

was committing acts of torture and Bush

841

00:35:26,609 --> 00:35:24,069

said we don't torture we use an

842

00:35:27,569 --> 00:35:26,619

alternative set of procedures now what

843

00:35:30,299 --> 00:35:27,579

he was saying is we're the good guys

844

00:35:33,779 --> 00:35:30,309

good guys don't torture therefore we

845

00:35:36,809 --> 00:35:33,789

don't torture to observers this is

846

00:35:39,329 --> 00:35:36,819

playing with words but that's what

847

00:35:42,720 --> 00:35:39,339

justification us tification is he really

848

00:35:44,430 --> 00:35:42,730

thought that we're a government we're

849

00:35:45,779 --> 00:35:44,440

the good people and so we don't torture

850

00:35:47,940 --> 00:35:45,789

and if we do torture it's for a good

851

00:35:51,539 --> 00:35:47,950

cause or for the right reasons and now

852

00:35:53,910 --> 00:35:51,549

what happened was Bush's followers had

853

00:35:55,950 --> 00:35:53,920

to support him or they would have been a

854

00:35:57,120 --> 00:35:55,960

dissident I don't believe the United

855

00:35:58,079 --> 00:35:57,130

States should be committing acts of

856

00:35:59,759 --> 00:35:58,089

torture and violating the Geneva

857

00:36:02,130 --> 00:35:59,769

Convention but my president has done

858

00:36:05,069 --> 00:36:02,140

this therefore the torture must be okay

859

00:36:07,559 --> 00:36:05,079

and in that way that is how the soul of

860

00:36:09,989 --> 00:36:07,569

the nation is corrupted step by step

861

00:36:13,620 --> 00:36:09,999

down the pyramid that we described in

862

00:36:15,289 --> 00:36:13,630

the book take one step and pretty soon

863

00:36:17,849 --> 00:36:15,299

the whole country as a whole is on a

864

00:36:20,249 --> 00:36:17,859

corrupt I suppose you're equally saying

865

00:36:21,870 --> 00:36:20,259

I would never condone torture so my

866

00:36:23,999 --> 00:36:21,880

government couldn't be torturing any of

867

00:36:25,680 --> 00:36:24,009

us right exactly there's also that's

868

00:36:29,430 --> 00:36:25,690

another part of the way we do some

869

00:36:33,539 --> 00:36:29,440

business I have not yet read your book

870

00:36:35,910 --> 00:36:33,549

on anger but it seems that that is quite

871

00:36:38,009 --> 00:36:35,920

a driving force behind taking action and

872

00:36:40,200 --> 00:36:38,019

I wondered when you know when we become

873

00:36:42,230 --> 00:36:40,210

angry enough about an issue we're more

874

00:36:45,569 --> 00:36:42,240

likely to become involved in activism

875

00:36:49,230 --> 00:36:45,579

but how can that anger be a negative

876

00:36:52,170 --> 00:36:49,240

force in how we take action well in my

877

00:36:55,380 --> 00:36:52,180

book I talk about the uses of anger and

878

00:36:57,900 --> 00:36:55,390

the abuses of anger in the case of great

879

00:37:01,529 --> 00:36:57,910

social movements for justice they all

880

00:37:05,029 --> 00:37:01,539

begin in anger feminism civil rights

881

00:37:07,529 --> 00:37:05,039

movement black rights in your country

882

00:37:09,599 --> 00:37:07,539

well every country that has had to deal

883

00:37:12,870 --> 00:37:09,609

with the rights of minorities have been

884

00:37:15,740 --> 00:37:12,880

oppressed for centuries and so put those

885

00:37:18,269 --> 00:37:15,750

movements are born with anger and a

886

00:37:19,500 --> 00:37:18,279

realization that a massive injustice has

887

00:37:21,360 --> 00:37:19,510

been committed

888

00:37:24,510 --> 00:37:21,370

and then a determination to set it right

889

00:37:27,110 --> 00:37:24,520

in some way as as many have observed

890

00:37:30,410 --> 00:37:27,120

about social movements anger is

891

00:37:33,570 --> 00:37:30,420

necessary to ignite a social movement

892

00:37:37,410 --> 00:37:33,580

but it isn't what you want over the long

893

00:37:39,780 --> 00:37:37,420

haul you want I quote one wonderful

894

00:37:42,450 --> 00:37:39,790

writer in that book who said what is

895

00:37:44,400 --> 00:37:42,460

wanted is a little flare of anger enough

896

00:37:48,540 --> 00:37:44,410

to keep you going but not so that

897

00:37:51,840 --> 00:37:48,550

consumes you makes you crazy because in

898

00:37:54,960 --> 00:37:51,850

the next phase of any social movement

899

00:37:57,270 --> 00:37:54,970

for justice or change the next question

900

00:37:59,850 --> 00:37:57,280

is what do we do to persuade the

901
00:38:03,540 --> 00:37:59,860
opposition what do we do now to reach

902
00:38:04,740 --> 00:38:03,550
our goals not the quality of an apology

903
00:38:08,700 --> 00:38:04,750
from the government whatever they may be

904
00:38:10,530 --> 00:38:08,710
and at some point ranting and railing

905
00:38:14,370 --> 00:38:10,540
and marching the streets isn't effective

906
00:38:16,650 --> 00:38:14,380
and so anger has a time and place and

907
00:38:19,170 --> 00:38:16,660
then so does persuasion and other

908
00:38:22,260 --> 00:38:19,180
tactics and that goes to I guess the

909
00:38:24,330 --> 00:38:22,270
skeptical movement where we are now in

910
00:38:26,190 --> 00:38:24,340
terms of for example issues like dealing

911
00:38:29,310 --> 00:38:26,200
with the anti-vaccine movement which

912
00:38:34,830 --> 00:38:29,320
which brings out intense and on both

913
00:38:38,250 --> 00:38:34,840

sides and I've witness arguments both

914

00:38:42,090 --> 00:38:38,260

online and on a face face to face level

915

00:38:46,200 --> 00:38:42,100

and it worries me that that anger is

916

00:38:48,960 --> 00:38:46,210

overriding the message of education and

917

00:38:50,880 --> 00:38:48,970

it's a it's an emotional but the point

918

00:38:52,640 --> 00:38:50,890

for me because just this week I had a

919

00:38:55,250 --> 00:38:52,650

conversation with a friend

920

00:38:58,910 --> 00:38:55,260

I did not realize more an acquaintance

921

00:39:01,880 --> 00:38:58,920

than friend who I did not realize has a

922

00:39:03,319 --> 00:39:01,890

nine year old autistic grandson and what

923

00:39:04,549 --> 00:39:03,329

began is a little discussion about

924

00:39:06,410 --> 00:39:04,559

becksie I don't know is sort of

925

00:39:10,400 --> 00:39:06,420

something on the side you know and

926

00:39:12,380 --> 00:39:10,410

pretty soon I found her I found us in an

927

00:39:16,789 --> 00:39:12,390

argument that was decidedly unpleasant

928

00:39:19,450 --> 00:39:16,799

she wasn't listening to me she she

929

00:39:22,640 --> 00:39:19,460

misheard much of what I said but but

930

00:39:25,609 --> 00:39:22,650

what I came away from that discussion

931

00:39:27,769 --> 00:39:25,619

understanding was she was seeing me as

932

00:39:29,769 --> 00:39:27,779

the smug know-it-all scientist what

933

00:39:34,510 --> 00:39:29,779

vaccines have been acquitted of

934

00:39:39,010 --> 00:39:34,520

responsibility for autism smug smile

935

00:39:41,320 --> 00:39:39,020

and she's a woman who has lived with

936

00:39:42,910 --> 00:39:41,330

this autistic child in the suffering

937

00:39:47,710 --> 00:39:42,920

that that child has caused his parents

938

00:39:50,050 --> 00:39:47,720

in her for nine years Who am I a skeptic

939

00:39:52,060 --> 00:39:50,060

wandering and saying I'm really worried

940

00:39:53,710 --> 00:39:52,070

about vex you know that not how people

941

00:39:55,450 --> 00:39:53,720

are vaccinating their children because

942

00:39:58,670 --> 00:39:55,460

it's causing a different problem and

943

00:40:03,800 --> 00:40:02,330

doctors have lied so much to parents of

944

00:40:05,660 --> 00:40:03,810

autistic children because they don't

945

00:40:07,340 --> 00:40:05,670

know nothing about what it's causes are

946

00:40:09,410 --> 00:40:07,350

what ifs treatments our parents have

947

00:40:11,270 --> 00:40:09,420

heard all kinds of prep for years

948

00:40:13,160 --> 00:40:11,280

parents of autistic children so why

949

00:40:15,020 --> 00:40:13,170

should they now believe doctors telling

950

00:40:17,150 --> 00:40:15,030

them that the other vaccines are okay

951
00:40:19,370 --> 00:40:17,160
and I suddenly saw this from her point

952
00:40:21,050 --> 00:40:19,380
of view with far more compassion than I

953
00:40:24,710 --> 00:40:21,060
had helped on this issue going into it

954
00:40:27,980 --> 00:40:24,720
you know I saw how she saw me I saw what

955
00:40:30,410 --> 00:40:27,990
made her so angry about me and I hope I

956
00:40:33,140 --> 00:40:30,420
convey what my concerns were that

957
00:40:35,650 --> 00:40:33,150
there's a great danger if people are

958
00:40:38,480 --> 00:40:35,660
going to stop vaccinating their children

959
00:40:42,680 --> 00:40:38,490
but that that is quite separate from you

960
00:40:44,360 --> 00:40:42,690
know i'm having some empathy here for

961
00:40:48,500 --> 00:40:44,370
how horrible it is to live an autistic

962
00:40:50,300 --> 00:40:48,510
child so really in taking on people who

963
00:40:52,520 --> 00:40:50,310

we're trying to win over we need to try

964

00:40:55,490 --> 00:40:52,530

and see the world through their eyes you

965

00:40:56,819 --> 00:40:55,500

want to understand what their belief is

966

00:40:59,660 --> 00:40:56,829

serving for them

967

00:41:04,859 --> 00:40:59,670

what is the function of their belief

968

00:41:06,930 --> 00:41:04,869

that this is so because before you take

969

00:41:09,809 --> 00:41:06,940

it away you have to have a replacement

970

00:41:15,420 --> 00:41:09,819

for it if it's a belief that is a

971

00:41:17,729 --> 00:41:15,430

central driving force for them they're

972

00:41:19,150 --> 00:41:17,739

not going to yield it readily unless you

973

00:41:23,290 --> 00:41:19,160

have a better

974

00:41:25,210 --> 00:41:23,300

I mean if you can say Maxine's are

975

00:41:26,710 --> 00:41:25,220

absolutely safe and what really is the

976

00:41:29,920 --> 00:41:26,720

caught thing here and not doesn't is

977

00:41:32,800 --> 00:41:29,930

something else you know but you need to

978

00:41:34,990 --> 00:41:32,810

know where they're coming right I've

979

00:41:36,910 --> 00:41:35,000

ever heard in an interview or it may

980

00:41:39,940 --> 00:41:36,920

have been in your book you talked about

981

00:41:42,490 --> 00:41:39,950

an example of I think was mothers who

982

00:41:45,160 --> 00:41:42,500

disagree on whether to look after the

983

00:41:47,410 --> 00:41:45,170

children at home or whether to go back

984

00:41:49,420 --> 00:41:47,420

to work again one of the things that I

985

00:41:51,360 --> 00:41:49,430

felt seem to be behind this was the

986

00:41:53,980 --> 00:41:51,370

splitting of issues into two

987

00:41:57,700 --> 00:41:53,990

diametrically opposite points of view

988

00:42:00,250 --> 00:41:57,710

and I wondered you know is this really

989

00:42:02,470 --> 00:42:00,260

an issue where we are we find it hard to

990

00:42:05,230 --> 00:42:02,480

see the gray areas we find it hard to

991

00:42:07,180 --> 00:42:05,240

view the world as a complex thing we

992

00:42:10,330 --> 00:42:07,190

like to just make things into simplistic

993

00:42:12,610 --> 00:42:10,340

arguments well as you know in the book

994

00:42:14,410 --> 00:42:12,620

and in my talks I've always used this

995

00:42:16,300 --> 00:42:14,420

metaphor of the pyramid I find in very

996

00:42:18,550 --> 00:42:16,310

compelling and I people always tell me

997

00:42:20,080 --> 00:42:18,560

it suddenly makes things clear them the

998

00:42:21,640 --> 00:42:20,090

pyramid is simply this you have two

999

00:42:23,740 --> 00:42:21,650

people at the top of the pyramid and

1000

00:42:25,570 --> 00:42:23,750

they have to make a decision and they

1001
00:42:27,910 --> 00:42:25,580
you know should i go to work with this

1002
00:42:31,390 --> 00:42:27,920
child or should i stay at home

1003
00:42:32,890 --> 00:42:31,400
I blow the whistle on these corrupt

1004
00:42:35,980 --> 00:42:32,900
practices and work or should I shut up

1005
00:42:37,750 --> 00:42:35,990
you know should I believe in vaccines or

1006
00:42:38,770 --> 00:42:37,760
dangerous or should I not okay have

1007
00:42:40,599 --> 00:42:38,780
these questions and then you make a

1008
00:42:42,970 --> 00:42:40,609
decision should I change I'm watching

1009
00:42:45,520 --> 00:42:42,980
the minute you make a decision you will

1010
00:42:48,190 --> 00:42:45,530
justify that decision as being the right

1011
00:42:51,400 --> 00:42:48,200
one for you now what happens then is the

1012
00:42:53,440 --> 00:42:51,410
biases of the mind click right in to

1013
00:42:56,319 --> 00:42:53,450

make you feel that that decision was the

1014

00:42:59,200 --> 00:42:56,329

best and wisest and only decision and

1015

00:43:01,180 --> 00:42:59,210

you will now only see evidence that that

1016

00:43:03,579 --> 00:43:01,190

decision was right and you will discount

1017

00:43:06,700 --> 00:43:03,589

evidence that you might have been wrong

1018

00:43:09,789 --> 00:43:06,710

so over time is that these two people at

1019

00:43:11,799 --> 00:43:09,799

the top of a pyramid overtime just to

1020

00:43:13,930 --> 00:43:11,809

find with decision they make over and

1021

00:43:16,120 --> 00:43:13,940

over and over again over time they end

1022

00:43:18,579 --> 00:43:16,130

up at the bottom of that pyramid very

1023

00:43:21,370 --> 00:43:18,589

far apart and I think your example of

1024

00:43:24,099 --> 00:43:21,380

women at work is a perfect example of

1025

00:43:26,230 --> 00:43:24,109

this when the decision is one that could

1026

00:43:29,470 --> 00:43:26,240

ease could legitimately go either way

1027

00:43:31,240 --> 00:43:29,480

when it's an ambiguous decision or a

1028

00:43:34,299 --> 00:43:31,250

complicated decision and then you make a

1029

00:43:37,180 --> 00:43:34,309

jump you'll have even greater incentive

1030

00:43:40,450 --> 00:43:37,190

to justify the direction you took so the

1031

00:43:42,250 --> 00:43:40,460

woman who goes to work with young

1032

00:43:43,780 --> 00:43:42,260

children will say this is good for the

1033

00:43:45,549 --> 00:43:43,790

children this is good for me we need the

1034

00:43:47,770 --> 00:43:45,559

money i love my career I'm enjoying what

1035

00:43:50,079 --> 00:43:47,780

I'm doing and the woman who stays home

1036

00:43:51,579 --> 00:43:50,089

will say you're a horrible mother what a

1037

00:43:53,260 --> 00:43:51,589

kind of thing are you doing abandoning

1038

00:43:54,730 --> 00:43:53,270

your children with children need mothers

1039

00:43:56,710 --> 00:43:54,740

from the minute they're born over the

1040

00:43:59,620 --> 00:43:56,720

next forty seven years and you're being

1041

00:44:01,480 --> 00:43:59,630

a horrible mother so it's because the

1042

00:44:03,339 --> 00:44:01,490

woman who's staying at home needs to

1043

00:44:06,010 --> 00:44:03,349

justify the fact that she's given up her

1044

00:44:08,620 --> 00:44:06,020

career and her income in her work to do

1045

00:44:09,900 --> 00:44:08,630

this she has to really feel this was the

1046

00:44:12,630 --> 00:44:09,910

wisest and best

1047

00:44:15,510 --> 00:44:12,640

she has no incentive to think that for

1048

00:44:17,960 --> 00:44:15,520

another woman it might be another

1049

00:44:20,099 --> 00:44:17,970

decision might be just as smart

1050

00:44:22,319 --> 00:44:20,109

conversely the woman who is it that the

1051
00:44:23,789 --> 00:44:22,329
career is going to tend to disparage the

1052
00:44:25,349 --> 00:44:23,799
woman staying at home look at her what

1053
00:44:28,170 --> 00:44:25,359
an idiot and she's foolish and her brain

1054
00:44:31,079 --> 00:44:28,180
will rot people whatever you know I mean

1055
00:44:32,849 --> 00:44:31,089
it's so of course not all women do this

1056
00:44:35,339 --> 00:44:32,859
so what I want to say is that when a

1057
00:44:37,770 --> 00:44:35,349
woman is ambivalent about whether to

1058
00:44:40,589 --> 00:44:37,780
work or stay home she will be more

1059
00:44:44,089 --> 00:44:40,599
motivated to justify the choice she

1060
00:44:46,920 --> 00:44:44,099
makes and in doing that unfortunately to

1061
00:44:49,349 --> 00:44:46,930
disparage those women who make a

1062
00:44:51,299 --> 00:44:49,359
different choice I remember in the early

1063
00:44:53,460 --> 00:44:51,309

years of the women's movement in America

1064

00:44:57,870 --> 00:44:53,470

when it was so difficult for women

1065

00:44:59,160 --> 00:44:57,880

seeking careers in the men's world many

1066

00:45:00,710 --> 00:44:59,170

of them were really angry at women

1067

00:45:04,500 --> 00:45:00,720

staying home and having children being

1068

00:45:05,910 --> 00:45:04,510

you know housewives and the women who

1069

00:45:11,730 --> 00:45:05,920

stayed home and had children really felt

1070

00:45:14,329 --> 00:45:11,740

their antipathy over time both sides

1071

00:45:16,680 --> 00:45:14,339

really give to understand each other I

1072

00:45:18,000 --> 00:45:16,690

was talking to Rebecca outzen about that

1073

00:45:19,980 --> 00:45:18,010

earlier today and it was saying that

1074

00:45:21,480 --> 00:45:19,990

some women need to be able to feel

1075

00:45:23,549 --> 00:45:21,490

comfortable making choices that are

1076

00:45:25,349 --> 00:45:23,559

right for them because they have the

1077

00:45:27,390 --> 00:45:25,359

choice to do it not because they're

1078

00:45:29,160 --> 00:45:27,400

they're living up to a feminist

1079

00:45:33,990 --> 00:45:29,170

expectation of how a woman should

1080

00:45:35,789 --> 00:45:34,000

perform so I think that really in

1081

00:45:37,360 --> 00:45:35,799

perspective it's important well

1082

00:45:40,480 --> 00:45:37,370

understanding though

1083

00:45:43,510 --> 00:45:40,490

that society is marking the woman's

1084

00:45:44,620 --> 00:45:43,520

ballot in a certain way that is that not

1085

00:45:48,700 --> 00:45:44,630

all you know we speak of free choice

1086

00:45:52,210 --> 00:45:48,710

well how free is your choice how free is

1087

00:45:54,790 --> 00:45:52,220

your choice when you if you live in a

1088

00:45:56,140 --> 00:45:54,800

community or a city or a culture where

1089

00:45:57,460 --> 00:45:56,150

you're expected to have children and

1090

00:45:59,920 --> 00:45:57,470

you're expected to stay home with them

1091

00:46:02,730 --> 00:45:59,930

it becomes more difficult to be the

1092

00:46:07,030 --> 00:46:02,740

renegade who doesn't want to do that and

1093

00:46:08,800 --> 00:46:07,040

conversely and conversely if everybody

1094

00:46:10,510 --> 00:46:08,810

around and children working it's easier

1095

00:46:15,250 --> 00:46:10,520

for you to do that but harder for you to

1096

00:46:18,270 --> 00:46:15,260

make a decision to stay home so if a

1097

00:46:21,360 --> 00:46:18,280

woman chooses for example to stay home

1098

00:46:25,320 --> 00:46:21,370

either giving up her career or

1099

00:46:28,150 --> 00:46:25,330

postponing it she needs to do so in the

1100

00:46:30,550 --> 00:46:28,160

full awareness of what this might mean

1101

00:46:33,090 --> 00:46:30,560

for her lifetime earning capacity for

1102

00:46:35,410 --> 00:46:33,100

her self-sufficiency and independence

1103

00:46:37,600 --> 00:46:35,420

yes she might be in the throes of mad

1104

00:46:39,280 --> 00:46:37,610

passionate love with the partner but you

1105

00:46:42,070 --> 00:46:39,290

know what if mad passionate person

1106

00:46:44,350 --> 00:46:42,080

vanishes and I mean these are questions

1107

00:46:46,490 --> 00:46:44,360

a woman needs to think of in the long

1108

00:46:49,109 --> 00:46:46,500

haul and

1109

00:46:51,900 --> 00:46:49,119

and very very

1110

00:46:55,980 --> 00:46:51,910

mmm you mentioned earlier as an example

1111

00:46:58,140 --> 00:46:55,990

of a way a person might behave where

1112

00:46:59,819 --> 00:46:58,150

cognitive cognitive dissonance would

1113

00:47:04,680 --> 00:46:59,829

come into play would be taking on

1114

00:47:06,239 --> 00:47:04,690

corruption in a workplace and my it made

1115

00:47:09,950 --> 00:47:06,249

me think of my experiences in health

1116

00:47:11,970 --> 00:47:09,960

care where I've watched typically a

1117

00:47:13,589 --> 00:47:11,980

certainly in Australia I'm sure it's a

1118

00:47:16,039 --> 00:47:13,599

universal thing bureaucratic

1119

00:47:19,440 --> 00:47:16,049

organizations which systematically

1120

00:47:20,549 --> 00:47:19,450

repeat Prior bad decisions you know

1121

00:47:24,239 --> 00:47:20,559

doing things that have been done before

1122

00:47:26,130 --> 00:47:24,249

and they have failed and the employees

1123

00:47:28,920 --> 00:47:26,140

within these organizations observe how

1124

00:47:32,249 --> 00:47:28,930

the organization behaves and are

1125

00:47:35,039 --> 00:47:32,259

publicly very critical of how these

1126
00:47:38,099 --> 00:47:35,049
decisions are made and what I wondered

1127
00:47:40,880 --> 00:47:38,109
was how does this faceless pneus of

1128
00:47:43,049 --> 00:47:40,890
these organizations allow the

1129
00:47:45,779 --> 00:47:43,059
organizations to make these bad

1130
00:47:50,160 --> 00:47:45,789
decisions and not correct and then not

1131
00:47:54,170 --> 00:47:50,170
correct them well if we're organizations

1132
00:47:56,849 --> 00:47:54,180
have a culture that encourages

1133
00:48:01,319 --> 00:47:56,859
Corrections of mistakes or suppresses

1134
00:48:04,589 --> 00:48:01,329
them and just as it just like

1135
00:48:07,440 --> 00:48:04,599
individuals companies have personalities

1136
00:48:10,470 --> 00:48:07,450
in this respect and it has to come from

1137
00:48:12,799 --> 00:48:10,480
the top toyota has been famous for years

1138
00:48:15,930 --> 00:48:12,809

because it encourages its employees to

1139

00:48:17,819 --> 00:48:15,940

speaking up when it sees mistakes and a

1140

00:48:20,370 --> 00:48:17,829

production line or better ways of doing

1141

00:48:23,220 --> 00:48:20,380

things of and the people who speak up is

1142

00:48:25,620 --> 00:48:23,230

we are not punished in many companies

1143

00:48:27,720 --> 00:48:25,630

the person who points out mistakes is

1144

00:48:31,650 --> 00:48:27,730

punished one thing that an understanding

1145

00:48:33,989 --> 00:48:31,660

of dissonance shows us is that every

1146

00:48:39,529 --> 00:48:33,999

organization or political system needs a

1147

00:48:43,609 --> 00:48:39,539

self-correcting mechanism that is above

1148

00:48:46,170 --> 00:48:43,619

empower the people who made the mistake

1149

00:48:47,970 --> 00:48:46,180

what dissonant shows us it's going to be

1150

00:48:50,279 --> 00:48:47,980

very very difficult for the people who

1151
00:48:52,440 --> 00:48:50,289
made the mistake to admit it and to

1152
00:48:55,920 --> 00:48:52,450
correct it occasionally some rare

1153
00:48:58,049 --> 00:48:55,930
individuals do but it's very unlikely I

1154
00:48:59,940 --> 00:48:58,059
was telling people today the former head

1155
00:49:03,509 --> 00:48:59,950
of the Food and Drug Administration here

1156
00:49:07,269 --> 00:49:03,519
just seems to have noticed that the

1157
00:49:09,459 --> 00:49:07,279
people who approve a drug for the FDA

1158
00:49:13,120 --> 00:49:09,469
shouldn't be the ones in charge of

1159
00:49:15,130 --> 00:49:13,130
looking into its later risk factors and

1160
00:49:16,569 --> 00:49:15,140
deciding to remove the drug from the

1161
00:49:18,459 --> 00:49:16,579
market if they have once approved it

1162
00:49:20,370 --> 00:49:18,469
they're not going to be the ones to say

1163
00:49:23,709 --> 00:49:20,380

you know what this drug is too risky

1164

00:49:25,569 --> 00:49:23,719

likewise the prosecutors who have gone

1165

00:49:27,459 --> 00:49:25,579

after put an innocent person in prison

1166

00:49:29,559 --> 00:49:27,469

they're not the ones who should be

1167

00:49:34,439 --> 00:49:29,569

reassessing the case if new DNA comes

1168

00:49:38,819 --> 00:49:34,449

along so in that way companies like like

1169

00:49:41,829 --> 00:49:38,829

countries need independent impartial

1170

00:49:43,870 --> 00:49:41,839

panels to assess how the mistake

1171

00:49:47,339 --> 00:49:43,880

happened and what can be done to correct

1172

00:49:52,209 --> 00:49:47,349

it BP would seem to be a case in point

1173

00:49:54,729 --> 00:49:52,219

absolutely in fact a scary example of

1174

00:49:56,439 --> 00:49:54,739

how an organization is functioning at

1175

00:49:59,979 --> 00:49:56,449

the moment the last thing I really

1176

00:50:02,739 --> 00:49:59,989

wanted to ask you was to just discuss

1177

00:50:05,529 --> 00:50:02,749

briefly how we can move forward as an

1178

00:50:07,779 --> 00:50:05,539

organization as a community so as a

1179

00:50:09,969 --> 00:50:07,789

community of skeptical community how can

1180

00:50:15,849 --> 00:50:09,979

we move forward knowing what we know

1181

00:50:17,559 --> 00:50:15,859

about dissonance knowing we we focus so

1182

00:50:19,269 --> 00:50:17,569

much in skepticism on understanding

1183

00:50:21,159 --> 00:50:19,279

human psychology but we seem to

1184

00:50:22,479 --> 00:50:21,169

sometimes just throw that all out the

1185

00:50:24,849 --> 00:50:22,489

window when it comes to really actually

1186

00:50:27,669 --> 00:50:24,859

taking things on how can we move forward

1187

00:50:30,099 --> 00:50:27,679

gently well do you have any suggestions

1188

00:50:33,880 --> 00:50:30,109

of how we can really get over get past

1189

00:50:37,599 --> 00:50:33,890

our dissonance we have to keep our eye

1190

00:50:41,199 --> 00:50:37,609

on what it is we want to accomplish if

1191

00:50:41,790 --> 00:50:41,209

we want to get someone to give up their

1192

00:50:45,270 --> 00:50:41,800

faith in

1193

00:50:48,750 --> 00:50:45,280

this is going to be an unlikely goal if

1194

00:50:50,970 --> 00:50:48,760

we want someone who is religious to

1195

00:50:52,920 --> 00:50:50,980

accept evolution and allow it to be

1196

00:50:56,880 --> 00:50:52,930

taught in the schools different strategy

1197

00:50:58,770 --> 00:50:56,890

follows the point is you keep you keep

1198

00:51:02,880 --> 00:50:58,780

your eye on what it is you want to

1199

00:51:05,910 --> 00:51:02,890

accomplish and how best to do it so it

1200

00:51:08,730 --> 00:51:05,920

may be that it's a matter of changing

1201
00:51:12,180 --> 00:51:08,740
the institutional structure as we heard

1202
00:51:13,680 --> 00:51:12,190
today the importance of making sure

1203
00:51:17,670 --> 00:51:13,690
there are good science classes in

1204
00:51:18,900 --> 00:51:17,680
schools and so forth over the objections

1205
00:51:21,870 --> 00:51:18,910
of people who would like to remove

1206
00:51:25,350 --> 00:51:21,880
science classes for me the essence of

1207
00:51:27,600 --> 00:51:25,360
understanding dissonance is

1208
00:51:32,130 --> 00:51:27,610
that when we argue with someone a loved

1209
00:51:34,800 --> 00:51:32,140
one or just another person that were

1210
00:51:38,940 --> 00:51:34,810
arguing with you don't want to put them

1211
00:51:41,790 --> 00:51:38,950
in a state of dissonance the as soon as

1212
00:51:44,250 --> 00:51:41,800
you say to somebody what were you

1213
00:51:47,130 --> 00:51:44,260

thinking how could you possibly have

1214

00:51:49,140 --> 00:51:47,140

done that fallen for that terrible scam

1215

00:51:52,020 --> 00:51:49,150

that magazine scam and spent thousands

1216

00:51:53,610 --> 00:51:52,030

of dollars on that scam but Louise are

1217

00:51:57,480 --> 00:51:53,620

you thinking can you see this guy's a

1218

00:52:01,140 --> 00:51:57,490

con artist enough 37 anyway what you're

1219

00:52:02,580 --> 00:52:01,150

saying is how could you be so stupid now

1220

00:52:05,670 --> 00:52:02,590

what is the recipient of that message

1221

00:52:09,240 --> 00:52:05,680

going to hear their buddies think what

1222

00:52:11,580 --> 00:52:09,250

they have a choice I was stupid and I

1223

00:52:15,270 --> 00:52:11,590

did these things oh my god I'm stupid or

1224

00:52:17,010 --> 00:52:15,280

they're going to say I'm not stupid I

1225

00:52:18,660 --> 00:52:17,020

thought I was doing the smartest

1226
00:52:21,450 --> 00:52:18,670
possible thing I thought this was a good

1227
00:52:24,480 --> 00:52:21,460
thing to do and that nice person offered

1228
00:52:26,070 --> 00:52:24,490
me magazines and yeah I I thought I was

1229
00:52:27,600 --> 00:52:26,080
being generous in kind and I was

1230
00:52:28,980 --> 00:52:27,610
thinking out of it for the family I was

1231
00:52:32,310 --> 00:52:28,990
trying to I thought maybe i'll make some

1232
00:52:34,350 --> 00:52:32,320
money for the fit okay so if you make

1233
00:52:36,510 --> 00:52:34,360
them feel stupid you have sent them

1234
00:52:39,030 --> 00:52:36,520
right into the arms of the scammers

1235
00:52:40,620 --> 00:52:39,040
because now they're going to put more

1236
00:52:41,970 --> 00:52:40,630
good money after bad

1237
00:52:45,000 --> 00:52:41,980
to try to show that they were right

1238
00:52:48,030 --> 00:52:45,010

after all so understanding dissonance

1239

00:52:52,560 --> 00:52:48,040

the first thing means we have to keep

1240

00:52:55,260 --> 00:52:52,570

for ourselves cognition separate I can

1241

00:52:57,690 --> 00:52:55,270

do a foolish thing and still be a smart

1242

00:53:00,330 --> 00:52:57,700

person I can do an incompetent thing and

1243

00:53:03,150 --> 00:53:00,340

still be a competent person I can still

1244

00:53:05,370 --> 00:53:03,160

I can I can have done this hurtful thing

1245

00:53:08,100 --> 00:53:05,380

to someone I love and still be a kind

1246

00:53:10,320 --> 00:53:08,110

person but I have to accept what I did

1247

00:53:12,690 --> 00:53:10,330

learn from it and make sure I don't do

1248

00:53:13,980 --> 00:53:12,700

it again and in the same way in dealing

1249

00:53:16,530 --> 00:53:13,990

with someone else we have to make sure

1250

00:53:19,230 --> 00:53:16,540

we don't make them feel incompetent

1251

00:53:20,640 --> 00:53:19,240

stupid and foolish or we'll lose sorry

1252

00:53:23,070 --> 00:53:20,650

Nessus we have to remember that we're

1253

00:53:26,070 --> 00:53:23,080

the same animal that we're talking

1254

00:53:27,540 --> 00:53:26,080

talking to exactly written dr. Carol

1255

00:53:29,160 --> 00:53:27,550

taveres thank you very much for your

1256

00:53:31,620 --> 00:53:29,170

time it's been lovely having you on the

1257

00:53:33,330 --> 00:53:31,630

skeptics own podcast I hope you enjoy

1258

00:53:46,670 --> 00:53:33,340

the rest of your town thank you so much

1259

00:53:51,990 --> 00:53:49,740

this is desirae shell hosted skeptically

1260

00:53:54,360 --> 00:53:52,000

speaking check out our website at

1261

00:53:58,230 --> 00:53:54,370

skeptically speaking calm and listen to

1262

00:54:02,010 --> 00:53:58,240

us live on CJ sr 88.5 FM in Edmonton

1263

00:54:13,519 --> 00:54:02,020

Alberta Canada I now return you to the

1264

00:54:19,589 --> 00:54:16,529

Richard yeah yeah i think i've deleted a

1265

00:54:24,509 --> 00:54:19,599

video what oh no no just took of the ufl

1266

00:54:27,059 --> 00:54:24,519

the dog martin loudly than everything

1267

00:54:28,859 --> 00:54:27,069

Lucas it's only its synthesis slightly

1268

00:54:30,929 --> 00:54:28,869

better instructions on this video oh

1269

00:54:33,120 --> 00:54:30,939

I've recorded that the whole thing that

1270

00:54:35,669 --> 00:54:33,130

it disappeared into it another time or

1271

00:54:37,140 --> 00:54:35,679

and why the listeners were listening we

1272

00:54:39,660 --> 00:54:37,150

went outside the test a video camera

1273

00:54:41,039 --> 00:54:39,670

here cut the UFO far they stepped out

1274

00:54:42,660 --> 00:54:41,049

and they flew away we got it all on the

1275

00:54:44,099 --> 00:54:42,670

camera and you have to leave I know but

1276

00:54:45,779 --> 00:54:44,109

I'm sorry but you just have to believe

1277

00:54:47,609 --> 00:54:45,789

it's just take our word for it really

1278

00:54:49,519 --> 00:54:47,619

did happen it did happen for real and

1279

00:54:52,679 --> 00:54:49,529

we're ready for interviews in the world

1280

00:54:54,689 --> 00:54:52,689

where do the circuit oh another great

1281

00:54:56,219 --> 00:54:54,699

show thank you I believe anything after

1282

00:54:57,809 --> 00:54:56,229

that thank you to our reporters who did

1283

00:55:00,989 --> 00:54:57,819

a wonderful job again out in the world

1284

00:55:04,319 --> 00:55:00,999

London and Las Vegas we are going global

1285

00:55:09,029 --> 00:55:04,329

and I'm going global in fact on monday

1286

00:55:12,299 --> 00:55:09,039

i'm off with dr h e2 dragon dragon Conan

1287

00:55:14,400 --> 00:55:12,309

pirate I walk BioTime work warp rug head

1288

00:55:16,679 --> 00:55:14,410

Kylie Sturgis is of course joining us

1289

00:55:18,689 --> 00:55:16,689

all the way from Perth another time war

1290

00:55:21,359 --> 00:55:18,699

this is oh it is just getting out of

1291

00:55:24,829 --> 00:55:21,369

control it is and you never joinder step

1292

00:55:27,359 --> 00:55:24,839

9 i know i'm i'm trapped in my own zone

1293

00:55:30,449 --> 00:55:27,369

it's called a company that i try and run

1294

00:55:32,339 --> 00:55:30,459

but no it's it's good i serious me do it

1295

00:55:33,599 --> 00:55:32,349

serious media yeah yeah we've got a lot

1296

00:55:35,370 --> 00:55:33,609

of good things happening but I tell you

1297

00:55:38,160 --> 00:55:35,380

what I'd much rather be jet-setting it

1298

00:55:40,319 --> 00:55:38,170

as part of the zone team one day one day

1299

00:55:41,549 --> 00:55:40,329

until then I'll just have to be happy

1300

00:55:43,650 --> 00:55:41,559

doing these little intros and outros

1301

00:55:45,900 --> 00:55:43,660

maybe we can see if we can find another

1302

00:55:47,370 --> 00:55:45,910

UFO outside Stefan shall we try let's go

1303

00:55:50,249 --> 00:55:47,380

have a look let's do it I think I'll

1304

00:55:53,910 --> 00:55:50,259

felis camera out now here we go although

1305

00:56:01,620 --> 00:55:55,589

you

1306

00:56:05,370 --> 00:56:01,630

zone visit our website at [www skeptics](http://www.skeptics)

1307

00:56:08,349 --> 00:56:05,380

on TV for comments contacts and extra

1308

00:56:08,359 --> 00:56:13,390

our skin