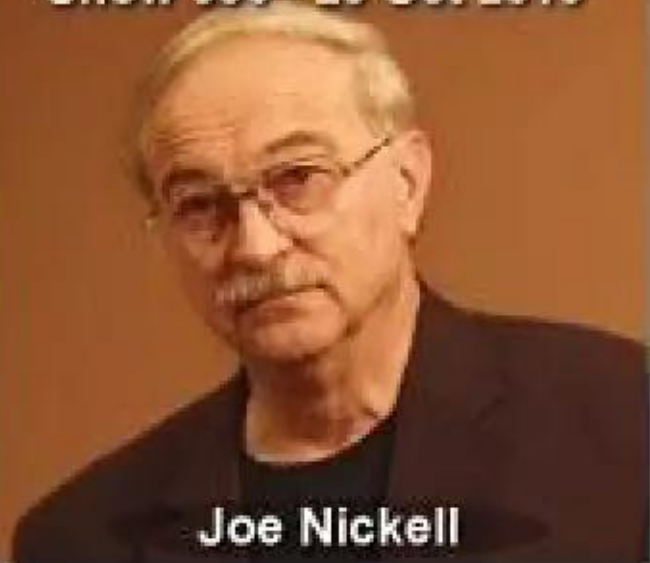


The Skeptic Zone
Show 366 - 25 Oct 2015



Joe Nickell

1
00:00:22,950 --> 00:00:09,080
welcome to the skeptic zone the podcast

2
00:00:29,980 --> 00:00:25,960
hello and welcome to the skeptic zone

3
00:00:33,100 --> 00:00:29,990
episode number 366 for the 25th of

4
00:00:38,020 --> 00:00:33,110
October 2015 Richard Saunders here with

5
00:00:41,049 --> 00:00:38,030
you from Sydney Australia 366 episodes

6
00:00:43,000 --> 00:00:41,059
of the skeptic zone which means next

7
00:00:45,369 --> 00:00:43,010
time there's a leap year you can listen

8
00:00:49,299 --> 00:00:45,379
to the first three hundred and sixty six

9
00:00:51,430 --> 00:00:49,309
episodes 1 episode per day yes I'm sure

10
00:00:53,830 --> 00:00:51,440
you'll be queuing up to do that one

11
00:00:56,439 --> 00:00:53,840
what's coming up on this week's show we

12
00:00:58,000 --> 00:00:56,449
have more reports from the recent

13
00:01:01,090 --> 00:00:58,010

Australian skeptics convention in

14

00:01:02,979 --> 00:01:01,100

Brisbane may not running around with his

15

00:01:05,439 --> 00:01:02,989

microphone interviewing all sorts of

16

00:01:07,389 --> 00:01:05,449

people the big one of course the big one

17

00:01:09,700 --> 00:01:07,399

this week is towards the end of the show

18

00:01:13,150 --> 00:01:09,710

is the first part of a two-part

19

00:01:15,999 --> 00:01:13,160

interview with legendary psychic and

20

00:01:19,440 --> 00:01:16,009

paranormal and mystery investigator Joe

21

00:01:22,570 --> 00:01:19,450

Nickell now Joe Nickell has been in the

22

00:01:24,880 --> 00:01:22,580

investigation game for many years he's a

23

00:01:28,449 --> 00:01:24,890

real detective he's worked with police

24

00:01:31,540 --> 00:01:28,459

on many cases what a fascinating man how

25

00:01:33,760 --> 00:01:31,550

lucky were we to have a chance to chat

26
00:01:35,830 --> 00:01:33,770
to Joe Nickell or how lucky was Maynard

27
00:01:38,410 --> 00:01:35,840
first part of the interview coming up

28
00:01:40,719 --> 00:01:38,420
later in the show Joe Nickell will be

29
00:01:43,630 --> 00:01:40,729
discussing what does it mean to debunk

30
00:01:45,520 --> 00:01:43,640
or not debunk the Nazca lines those

31
00:01:48,010 --> 00:01:45,530
mysterious lines that you've heard about

32
00:01:49,380 --> 00:01:48,020
in the desert in South America and may

33
00:01:55,359 --> 00:01:49,390
not enjoy have a very interesting

34
00:01:56,979 --> 00:01:55,369
discussion about JFK conspiracies the

35
00:01:59,249 --> 00:01:56,989
assassination of President Kennedy all

36
00:02:03,130 --> 00:01:59,259
those years ago over 50 years ago now

37
00:02:05,529 --> 00:02:03,140
still produces endless conspiracy

38
00:02:07,210 --> 00:02:05,539

theories and Joe Nickell knows quite a

39

00:02:09,790 --> 00:02:07,220

lot about that what a fascinating

40

00:02:11,350 --> 00:02:09,800

interview it is this week may not

41

00:02:13,540 --> 00:02:11,360

speaking with Joe Nickell that'll be a

42

00:02:16,479 --> 00:02:13,550

bit later in the show also on this

43

00:02:18,850 --> 00:02:16,489

week's show a report from Joe alabasta

44

00:02:23,559 --> 00:02:18,860

about the recent mind-body wallet

45

00:02:25,180 --> 00:02:23,569

adventure festival excursion I can't

46

00:02:26,800 --> 00:02:25,190

think of enough words to describe what

47

00:02:29,319 --> 00:02:26,810

mind body while it's like when you visit

48

00:02:30,640 --> 00:02:29,329

it as a skeptic it's quite something Joe

49

00:02:33,039 --> 00:02:30,650

be telling us about that we are very

50

00:02:33,980 --> 00:02:33,049

lucky this year we went with Iran sir

51
00:02:36,020 --> 00:02:33,990
give that

52
00:02:37,610 --> 00:02:36,030
and Australian skeptics and reporter on

53
00:02:41,510 --> 00:02:37,620
the skeptics own Joe of course was there

54
00:02:43,220 --> 00:02:41,520
a dr. Brad Mackay from embarrassing

55
00:02:45,320 --> 00:02:43,230
bodies down under joined us as well as

56
00:02:47,420 --> 00:02:45,330
kate brown from choice magazine and the

57
00:02:49,670 --> 00:02:47,430
check out you might know her as the

58
00:02:51,920 --> 00:02:49,680
guilty mum if you watched the check out

59
00:02:54,440 --> 00:02:51,930
here in Australia what an eye-opening

60
00:02:58,190 --> 00:02:54,450
experience it was for them to see mine

61
00:03:01,730 --> 00:02:58,200
buddy wallet firsthand and one of the

62
00:03:03,640 --> 00:03:01,740
things that really struck me this time

63
00:03:10,090 --> 00:03:03,650

although I've seen it many times before

64

00:03:12,830 --> 00:03:10,100

was ah the entrenched conspiracy-minded

65

00:03:15,830 --> 00:03:12,840

or the conspiracy theories that are in

66

00:03:17,720 --> 00:03:15,840

the minds of the people who are flogging

67

00:03:19,840 --> 00:03:17,730

various things in mind body wallet mind

68

00:03:22,550 --> 00:03:19,850

body spirit their whole worldview

69

00:03:25,030 --> 00:03:22,560

revolves around the fact or the fact to

70

00:03:27,800 --> 00:03:25,040

them that there is a giant conspiracy

71

00:03:31,040 --> 00:03:27,810

against the New Age modalities their

72

00:03:33,170 --> 00:03:31,050

flogging mostly medical so if we

73

00:03:35,720 --> 00:03:33,180

question that this doesn't work or that

74

00:03:37,880 --> 00:03:35,730

can't work or this violates the laws of

75

00:03:39,860 --> 00:03:37,890

physics what they'll normally do these

76

00:03:42,500 --> 00:03:39,870

people is say well you would say that

77

00:03:44,780 --> 00:03:42,510

you're part of the conspiracy or if we

78

00:03:46,550 --> 00:03:44,790

ask them why isn't this used in hospital

79

00:03:48,770 --> 00:03:46,560

oh well science doesn't want to know

80

00:03:50,960 --> 00:03:48,780

this happens or doctors are only there

81

00:03:53,300 --> 00:03:50,970

to sell you drugs to keep you sick this

82

00:03:55,630 --> 00:03:53,310

is their thinking it really is this

83

00:03:58,570 --> 00:03:55,640

isn't something that they've carefully

84

00:04:02,510 --> 00:03:58,580

crafted in order to sell their products

85

00:04:06,050 --> 00:04:02,520

well sort of but it's more to them a

86

00:04:07,280 --> 00:04:06,060

reality they really do think like this

87

00:04:10,180 --> 00:04:07,290

it's fascinating it really is

88

00:04:12,500 --> 00:04:10,190

fascinating it doesn't excuse the

89

00:04:14,420 --> 00:04:12,510

outlandish quackery on offer it

90

00:04:16,370 --> 00:04:14,430

mind-body wallet every year and you'll

91

00:04:18,500 --> 00:04:16,380

see this in psychic and New Age fairs

92

00:04:20,960 --> 00:04:18,510

around the world things that can't

93

00:04:24,890 --> 00:04:20,970

possibly work but I guess it boils down

94

00:04:27,290 --> 00:04:24,900

to consumer affairs anyway we look

95

00:04:29,440 --> 00:04:27,300

forward to Joe alabaster's little report

96

00:04:31,460 --> 00:04:29,450

about mind body wallet coming up Oh

97

00:04:33,890 --> 00:04:31,470

somewhere in the middle of this week's

98

00:04:35,390 --> 00:04:33,900

show now before we get stuck into this

99

00:04:38,270 --> 00:04:35,400

week's show let me tell you about a new

100

00:04:40,430 --> 00:04:38,280

little venture I've set up in order to

101
00:04:45,590 --> 00:04:40,440
help fund the skeptics own and skeptical

102
00:04:46,850 --> 00:04:45,600
things mr. Katz handmade origami jewelry

103
00:04:47,700 --> 00:04:46,860
thank you to all those people in

104
00:04:49,770 --> 00:04:47,710
Brisbane at the can

105
00:04:52,830 --> 00:04:49,780
mention who stopped by the skeptics own

106
00:04:55,130 --> 00:04:52,840
table and bought some Pegasus pendants

107
00:04:57,930 --> 00:04:55,140
that I'd made or flying bird pendants

108
00:05:01,020 --> 00:04:57,940
some earrings there that I'm known for

109
00:05:02,910 --> 00:05:01,030
making it all helps to support the

110
00:05:07,440 --> 00:05:02,920
skeptic zone and with Christmas coming

111
00:05:10,530 --> 00:05:07,450
up folks anyway if you go to ww skeptics

112
00:05:13,170 --> 00:05:10,540
on TV scroll down a little you'll see

113
00:05:15,660 --> 00:05:13,180

the link to mr. cat that's me well it's

114

00:05:19,260 --> 00:05:15,670

Fred he's around here somewhere handmade

115

00:05:20,880 --> 00:05:19,270

origami jewelry have a look well that's

116

00:05:22,890 --> 00:05:20,890

enough from me at the moment it's time

117

00:05:26,970 --> 00:05:22,900

for me to run downstairs make sure that

118

00:05:31,620 --> 00:05:26,980

fred has lots of fresh cat food keep him

119

00:05:36,750 --> 00:05:31,630

happy why not cat food it's um he likes

120

00:05:39,660 --> 00:05:36,760

um the gravy kind lots of gravy meaty

121

00:05:42,120 --> 00:05:39,670

chunks in gravy especially beef although

122

00:05:44,580 --> 00:05:42,130

in his um advancing years he's getting a

123

00:05:47,910 --> 00:05:44,590

bit picky hmm I'll try that on him while

124

00:06:04,790 --> 00:05:47,920

he's enjoying that I hope you enjoy the

125

00:06:13,110 --> 00:06:09,740

here's may not spooky action at the

126

00:06:17,260 --> 00:06:15,550

big citement is building here as we

127

00:06:19,600 --> 00:06:17,270

drive through the streets of Brisbane

128

00:06:21,280 --> 00:06:19,610

hello hello and no no one knows who we

129

00:06:23,290 --> 00:06:21,290

are but I'm here with mr. Saunders how I

130

00:06:25,360 --> 00:06:23,300

I'm well Maynard we had a wonderful

131

00:06:26,740 --> 00:06:25,370

flight Thank You tiger oh yeah we're

132

00:06:28,300 --> 00:06:26,750

right up the front in fact we were

133

00:06:30,280 --> 00:06:28,310

almost flying the plane there's a photo

134

00:06:31,930 --> 00:06:30,290

of us online and I look like gonzo and

135

00:06:33,760 --> 00:06:31,940

you look like Leslie Nielsen that was

136

00:06:35,080 --> 00:06:33,770

the idea yeah it looks like just that

137

00:06:36,460 --> 00:06:35,090

scene and you've got a shot of the

138

00:06:37,630 --> 00:06:36,470

entire plane with us at the front looks

139

00:06:39,130 --> 00:06:37,640

like that sent him flying high where

140

00:06:40,840 --> 00:06:39,140

they go brace for crash positions

141

00:06:42,790 --> 00:06:40,850

everyone goes nuts it's just like a

142

00:06:44,860 --> 00:06:42,800

still from that and we got Ross's Daniel

143

00:06:46,780 --> 00:06:44,870

a gun sir I'm very good me know how are

144

00:06:49,300 --> 00:06:46,790

you pretty good now he's driving around

145

00:06:51,760 --> 00:06:49,310

in the rebbe for here but normally he

146

00:06:54,220 --> 00:06:51,770

gets around in an 18-wheeler petrol

147

00:06:56,620 --> 00:06:54,230

tanker don't you man I do yes very

148

00:06:58,120 --> 00:06:56,630

exciting it is to main oh now now you

149

00:06:59,260 --> 00:06:58,130

said you don't come into the city often

150

00:07:01,810 --> 00:06:59,270

which you wouldn't really want it with a

151

00:07:03,580 --> 00:07:01,820

petrol tanker but is it easy to get

152

00:07:05,950 --> 00:07:03,590

around Brisbane as far as the traffic

153

00:07:09,700 --> 00:07:05,960

geyser was a poorly designed in my

154

00:07:12,460 --> 00:07:09,710

opinion it's poorly designed for lease

155

00:07:15,220 --> 00:07:12,470

yes no excuse my northern accent but

156

00:07:16,600 --> 00:07:15,230

that's the way it is oh I know where you

157

00:07:18,960 --> 00:07:16,610

a where are you from for the Liverpool

158

00:07:23,260 --> 00:07:18,970

skeptics by the way we go from Darby and

159

00:07:25,180 --> 00:07:23,270

right knee where Alex was born yeah but

160

00:07:28,090 --> 00:07:25,190

now Richard where are we staying in

161

00:07:30,130 --> 00:07:28,100

we're staying your name Pavel Havel air

162

00:07:31,690 --> 00:07:30,140

B&B but I was just thinking me now the

163

00:07:33,430 --> 00:07:31,700

good thing about sitting right at the

164

00:07:35,560 --> 00:07:33,440

front of the aircraft is when we land

165

00:07:38,260 --> 00:07:35,570

where the first to get off yes we got

166

00:07:40,030 --> 00:07:38,270

off and it was like the Beatles no we

167

00:07:41,680 --> 00:07:40,040

were gonna wave take a selfie but i

168

00:07:43,510 --> 00:07:41,690

reckon taking a selfie with the photo

169

00:07:44,650 --> 00:07:43,520

everyone behind you hating your guts cuz

170

00:07:46,150 --> 00:07:44,660

you're holding up getting off the plan

171

00:07:48,160 --> 00:07:46,160

was wouldnt have been a good look there

172

00:07:49,990 --> 00:07:48,170

were stairs but we did give a wave but

173

00:07:51,190 --> 00:07:50,000

but then we didn't know where to go it

174

00:07:52,390 --> 00:07:51,200

was like you know it's like we were

175

00:07:54,630 --> 00:07:52,400

getting off the plane and we could hear

176
00:07:57,340 --> 00:07:54,640
the man about the house music playing

177
00:07:59,140 --> 00:07:57,350
dude it was very 70s it was great and

178
00:08:01,090 --> 00:07:59,150
then we got inside the terminal and now

179
00:08:03,430 --> 00:08:01,100
in business this is exciting I people

180
00:08:05,230 --> 00:08:03,440
are rushing rushing and flushing all

181
00:08:06,520 --> 00:08:05,240
over the fact that they've got the

182
00:08:09,010 --> 00:08:06,530
National skeptics conference happens

183
00:08:10,330 --> 00:08:09,020
weekend I've already chilled the ice for

184
00:08:12,010 --> 00:08:10,340
the glass of scotch that I'm going to

185
00:08:13,000 --> 00:08:12,020
have with joe nickell what are you

186
00:08:14,800 --> 00:08:13,010
looking forward to the highlight of the

187
00:08:16,180 --> 00:08:14,810
weekend there's no one highlight main

188
00:08:17,770 --> 00:08:16,190

art it's all going to be good at the

189

00:08:19,330 --> 00:08:17,780

moment we're on our way to skeptic camp

190

00:08:20,860 --> 00:08:19,340

which is kicking off the national

191

00:08:22,330 --> 00:08:20,870

convention I'm going to be looking

192

00:08:24,530 --> 00:08:22,340

forward to meeting Eugenie Scott and all

193

00:08:26,990 --> 00:08:24,540

my friends that I only seen formerly

194

00:08:28,370 --> 00:08:27,000

conventions or every now and then but I

195

00:08:30,020 --> 00:08:28,380

only said it once a year they aren't

196

00:08:33,200 --> 00:08:30,030

your friends which it that's true but it

197

00:08:34,460 --> 00:08:33,210

promises to be a great weekend and what

198

00:08:36,500 --> 00:08:34,470

are you gonna be doing at skeptic at

199

00:08:38,510 --> 00:08:36,510

you're giving a talk yeah I'm giving a

200

00:08:41,000 --> 00:08:38,520

talk in a few hours about the autumn

201
00:08:44,390 --> 00:08:41,010
just over now about the million-dollar

202
00:08:46,160 --> 00:08:44,400
challenge okay and I'll just be giving a

203
00:08:48,260 --> 00:08:46,170
talk about my failed career to anyone

204
00:08:49,760 --> 00:08:48,270
who's happy to listen looking forward

205
00:08:52,910 --> 00:08:49,770
I'll be the one then into the bar

206
00:08:55,250 --> 00:08:52,920
sobbing hey well okay I'm that yet you

207
00:08:57,260 --> 00:08:55,260
know where we going sir to you only just

208
00:08:59,330 --> 00:08:57,270
I think may not be I'll see how the GPS

209
00:09:03,920 --> 00:08:59,340
performs not very good in the city

210
00:09:06,170 --> 00:09:03,930
sometimes i'm outside now with someone

211
00:09:08,210 --> 00:09:06,180
you might know as the godless fierce dot

212
00:09:10,040 --> 00:09:08,220
com blog or what's your name sir james

213
00:09:11,600 --> 00:09:10,050

photo and where do you go to study

214

00:09:13,760 --> 00:09:11,610

though the university of melbourne what

215

00:09:15,830 --> 00:09:13,770

are you studying their maths and physics

216

00:09:17,630 --> 00:09:15,840

sort of mostly and what were you doing

217

00:09:19,070 --> 00:09:17,640

in skipped your camp today as I admit it

218

00:09:20,390 --> 00:09:19,080

in front of everyone then i was probably

219

00:09:21,680 --> 00:09:20,400

the only person in the room who didn't

220

00:09:23,390 --> 00:09:21,690

quite understand what you had talked us

221

00:09:24,590 --> 00:09:23,400

my philosophy stops at nisha because

222

00:09:26,210 --> 00:09:24,600

that was a bit of a downer i believe

223

00:09:27,800 --> 00:09:26,220

that life intrinsically means nothing

224

00:09:29,270 --> 00:09:27,810

but what was what you were saying what

225

00:09:31,100 --> 00:09:29,280

was that meaning on just in a nutshell

226

00:09:32,780 --> 00:09:31,110

well i was talking about the philosophy

227

00:09:35,120 --> 00:09:32,790

of science and basically some of the

228

00:09:36,710 --> 00:09:35,130

insights that philosophers have given

229

00:09:38,060 --> 00:09:36,720

about the scientific method and how it's

230

00:09:40,100 --> 00:09:38,070

maybe a little bit more complicated than

231

00:09:41,540 --> 00:09:40,110

we might fall now I imagine philosophers

232

00:09:42,560 --> 00:09:41,550

and scientists don't always get on in

233

00:09:44,630 --> 00:09:42,570

fact we have one in the corner of the

234

00:09:45,830 --> 00:09:44,640

room going what's the importance of this

235

00:09:47,390 --> 00:09:45,840

as long as you get the answer right

236

00:09:49,710 --> 00:09:47,400

don't bang on about the thinking don't

237

00:09:51,780 --> 00:09:49,720

overthink it i think he was saying

238

00:09:53,519 --> 00:09:51,790

yeah that is a fairly common attitude

239

00:09:55,290 --> 00:09:53,529

and you hear people like Neil deGrasse

240

00:09:57,470 --> 00:09:55,300

Tyson and others making sort of negative

241

00:09:59,939 --> 00:09:57,480

claims about about philosophy am I

242

00:10:01,710 --> 00:09:59,949

generally don't really agree with that I

243

00:10:02,819 --> 00:10:01,720

think that it does help us to think I

244

00:10:04,290 --> 00:10:02,829

mean philosophy is fundamentally

245

00:10:06,540 --> 00:10:04,300

thinking just carefully and logically

246

00:10:07,710 --> 00:10:06,550

about things and trying to make sense of

247

00:10:09,119 --> 00:10:07,720

it the best we can and I think that

248

00:10:10,800 --> 00:10:09,129

that's what we should be aiming to do

249

00:10:12,210 --> 00:10:10,810

with skeptical thinkers so I think it's

250

00:10:13,999 --> 00:10:12,220

absolutely important this is an

251
00:10:16,079 --> 00:10:14,009
intersect with ethics at all or not

252
00:10:18,689 --> 00:10:16,089
ethics well I think you can intersect

253
00:10:20,100 --> 00:10:18,699
maybe with sort of research or

254
00:10:21,480 --> 00:10:20,110
publication ethics in the sense that I

255
00:10:23,759 --> 00:10:21,490
think it's very important that when

256
00:10:26,999 --> 00:10:23,769
we're making claims or you know trying

257
00:10:28,530 --> 00:10:27,009
to educate people say things that were

258
00:10:30,420 --> 00:10:28,540
careful about what we can claim on the

259
00:10:31,829 --> 00:10:30,430
basis of the evidence and some of this

260
00:10:33,929 --> 00:10:31,839
philosophy stuff I think actually is

261
00:10:35,280 --> 00:10:33,939
relevant to you know thinking about what

262
00:10:37,829 --> 00:10:35,290
we can and cannot say on the basis of

263
00:10:39,869 --> 00:10:37,839

evidence there's maybe a misconception

264

00:10:41,460 --> 00:10:39,879

that philosophers sort of anti-science

265

00:10:43,710 --> 00:10:41,470

in some sense but there is a very large

266

00:10:45,240 --> 00:10:43,720

number of philosophers who are very down

267

00:10:47,369 --> 00:10:45,250

with science and really want to provide

268

00:10:48,660 --> 00:10:47,379

a sort of rigorous underpinning of how

269

00:10:49,800 --> 00:10:48,670

we can make sense of it to the

270

00:10:51,420 --> 00:10:49,810

philosophical meanwhile scientists are

271

00:10:53,519 --> 00:10:51,430

doing in the epistemological framework

272

00:10:55,650 --> 00:10:53,529

behind that so you know people like

273

00:10:56,999 --> 00:10:55,660

Sheldrake do exist but I think a lot of

274

00:10:58,710 --> 00:10:57,009

mainstream philosophers don't take that

275

00:11:00,780 --> 00:10:58,720

very seriously and what is the best way

276

00:11:02,129 --> 00:11:00,790

for philosophers and scientists to get

277

00:11:03,949 --> 00:11:02,139

on what's the common ground where they

278

00:11:06,509 --> 00:11:03,959

can both agree and move on from there

279

00:11:08,249 --> 00:11:06,519

well the word philosophy comes from

280

00:11:10,049 --> 00:11:08,259

philosophy r the love of wisdom and I

281

00:11:11,639 --> 00:11:10,059

think scientists would agree with that

282

00:11:13,379 --> 00:11:11,649

wholeheartedly that we're sort of all

283

00:11:16,160 --> 00:11:13,389

trying to seek wisdom understanding of

284

00:11:18,119 --> 00:11:16,170

things and science and philosophy

285

00:11:19,350 --> 00:11:18,129

approach somewhat different questions

286

00:11:21,119 --> 00:11:19,360

using somewhat different methods but I

287

00:11:22,710 --> 00:11:21,129

don't see them as incompatible and

288

00:11:24,509 --> 00:11:22,720

ideally I think that if we're interested

289

00:11:26,100 --> 00:11:24,519

in truth seeking and trying to have the

290

00:11:27,100 --> 00:11:26,110

most accurate beliefs as possible that

291

00:11:29,050 --> 00:11:27,110

will

292

00:11:31,090 --> 00:11:29,060

yeah find a way to incorporate them and

293

00:11:32,920 --> 00:11:31,100

learn what we can from the different

294

00:11:35,230 --> 00:11:32,930

disciplines and their respective rich

295

00:11:36,699 --> 00:11:35,240

intellectual traditions and shout out to

296

00:11:37,990 --> 00:11:36,709

your favorite philosopher have you got

297

00:11:39,550 --> 00:11:38,000

one that you've studied you well well I

298

00:11:41,370 --> 00:11:39,560

like that if you miss just a really good

299

00:11:44,970 --> 00:11:41,380

start when it comes to thinking about

300

00:11:47,560 --> 00:11:44,980

well things from a sort of a skeptical

301
00:11:49,090 --> 00:11:47,570
really well The Skeptical rational sort

302
00:11:52,780 --> 00:11:49,100
of mindset him was an empiricist in an

303
00:11:53,949 --> 00:11:52,790
early sort of well was I atheist he

304
00:11:56,290 --> 00:11:53,959
couldn't exactly call himself an atheist

305
00:11:58,840 --> 00:11:56,300
back then but yeah so probably he'd be

306
00:12:00,190 --> 00:11:58,850
one of my favorite philosophers and that

307
00:12:02,530 --> 00:12:00,200
talk your game today will we find that

308
00:12:04,480 --> 00:12:02,540
on the godless asus com website your

309
00:12:06,699 --> 00:12:04,490
blog I'm not sure if I've actually

310
00:12:08,350 --> 00:12:06,709
posted it there but yes i'll post up my

311
00:12:09,790 --> 00:12:08,360
slides or summary or something similar

312
00:12:11,139 --> 00:12:09,800
shortly and there's similar things that

313
00:12:13,870 --> 00:12:11,149

i talked about there as well in the post

314

00:12:15,610 --> 00:12:13,880

yeah what else do you do do atheists

315

00:12:16,870 --> 00:12:15,620

issues very often or is it but you hit

316

00:12:18,579 --> 00:12:16,880

the head your roundoff what you're right

317

00:12:20,290 --> 00:12:18,589

up there well partly what I write about

318

00:12:21,670 --> 00:12:20,300

depends on you know if I've had a

319

00:12:23,259 --> 00:12:21,680

conversation with someone or seen

320

00:12:24,579 --> 00:12:23,269

something that's of interest I do write

321

00:12:26,199 --> 00:12:24,589

quite a bit about religion and

322

00:12:28,360 --> 00:12:26,209

philosophy of religion which hence the

323

00:12:30,370 --> 00:12:28,370

name of the blog and other philosophical

324

00:12:32,199 --> 00:12:30,380

or scientific interests world sometimes

325

00:12:34,569 --> 00:12:32,209

I write about history so it's a bit of a

326

00:12:35,740 --> 00:12:34,579

mishmash of things that interest me or I

327

00:12:37,269 --> 00:12:35,750

think I have something slightly

328

00:12:38,410 --> 00:12:37,279

interesting to say and if you want to

329

00:12:41,019 --> 00:12:38,420

have a look at that that's the godless

330

00:12:43,300 --> 00:12:41,029

godless atheist calm goddess Theus oh

331

00:12:45,130 --> 00:12:43,310

god that's okay that's right discuss a

332

00:12:46,600 --> 00:12:45,140

look I was looking at godless thiet

333

00:12:47,920 --> 00:12:46,610

that's a dichotomy I thought to myself

334

00:12:49,480 --> 00:12:47,930

now thought what does dichotomy mean

335

00:12:51,730 --> 00:12:49,490

yeah well it's a deliberate oxymoron yes

336

00:12:53,949 --> 00:12:51,740

so it's that's still a break okay now

337

00:12:58,030 --> 00:12:53,959

once again it's the godless theist one

338

00:12:59,650 --> 00:12:58,040

word calm and here we are at Brisbane

339

00:13:02,079 --> 00:12:59,660

skip decamp the people are in there

340

00:13:03,430 --> 00:13:02,089

looking and talking and they arguing

341

00:13:05,530 --> 00:13:03,440

will be going on later but who've we got

342

00:13:07,269 --> 00:13:05,540

here I'm Angie matki I'm an emergency

343

00:13:09,009 --> 00:13:07,279

physician from the United States and

344

00:13:11,019 --> 00:13:09,019

what are you doing here as part of this

345

00:13:13,210 --> 00:13:11,029

whole weekend well I was one of the

346

00:13:15,069 --> 00:13:13,220

speakers I had a wonderful interaction

347

00:13:16,810 --> 00:13:15,079

with the group and they enjoyed my

348

00:13:18,430 --> 00:13:16,820

alternative medicine discussion and I'm

349

00:13:20,420 --> 00:13:18,440

just having a good time seeing all these

350

00:13:22,490 --> 00:13:20,430

folks that are so smart and so in

351

00:13:25,820 --> 00:13:22,500

what I imagined as part of your regular

352

00:13:27,620 --> 00:13:25,830

medical kit as a emergency responder

353

00:13:32,810 --> 00:13:27,630

you'd have some rescue remedy in there

354

00:13:38,210 --> 00:13:32,820

wouldn't you so some Bach Flower

355

00:13:41,090 --> 00:13:38,220

Remedies Wow none of that stuff hey ed

356

00:13:42,290 --> 00:13:41,100

really wow oh yeah homeopathy no that's

357

00:13:44,570 --> 00:13:42,300

really only good enough to cure a

358

00:13:46,519 --> 00:13:44,580

dehydration Oh what because I've seen

359

00:13:49,010 --> 00:13:46,529

Rescue Remedy being sold in chemists

360

00:13:50,600 --> 00:13:49,020

lately as something that students are

361

00:13:54,620 --> 00:13:50,610

feeling nervous about their exam could

362

00:13:56,210 --> 00:13:54,630

possibly have and so what was your angle

363

00:13:57,590 --> 00:13:56,220

on the alternate medicine you were here

364

00:13:58,730 --> 00:13:57,600

you were saying we carry lots of it

365

00:14:01,010 --> 00:13:58,740

round in the back of the ambulance and

366

00:14:02,780 --> 00:14:01,020

it always works you're saying can you

367

00:14:05,240 --> 00:14:02,790

had testimonials from people going I was

368

00:14:06,650 --> 00:14:05,250

dying but now that buddy bark flower him

369

00:14:09,260 --> 00:14:06,660

and he got me right up there yeah oddly

370

00:14:11,090 --> 00:14:09,270

we never see that he's never here yeah

371

00:14:12,829 --> 00:14:11,100

yes it was what were you talking about

372

00:14:15,050 --> 00:14:12,839

anybody what he's saying man oh I

373

00:14:18,740 --> 00:14:15,060

explained some of the history of

374

00:14:20,750 --> 00:14:18,750

chiropractic acupuncture and homeopathy

375

00:14:23,120 --> 00:14:20,760

and explained how there's really no

376

00:14:25,100 --> 00:14:23,130

evidence to support use of these things

377

00:14:26,960 --> 00:14:25,110

to treat nearly anything plus I

378

00:14:30,470 --> 00:14:26,970

discussed the disease process itself and

379

00:14:32,510 --> 00:14:30,480

how when people have a normally waxing

380

00:14:34,010 --> 00:14:32,520

and waning course of a disease process

381

00:14:36,470 --> 00:14:34,020

if they use an intervention when they're

382

00:14:38,630 --> 00:14:36,480

at their worst they will think anything

383

00:14:39,920 --> 00:14:38,640

works and the biggest day at their most

384

00:14:41,780 --> 00:14:39,930

vulnerable and they're just going to

385

00:14:43,490 --> 00:14:41,790

give anything you shot correct correct

386

00:14:44,780 --> 00:14:43,500

and and so they do sometimes the

387

00:14:46,370 --> 00:14:44,790

improvement but it's not necessarily

388

00:14:49,100 --> 00:14:46,380

because of the thing that they tried I

389

00:14:51,140 --> 00:14:49,110

would imagine that in the case of cancer

390

00:14:52,850 --> 00:14:51,150

doing chemotherapy the results of that

391

00:14:54,230 --> 00:14:52,860

would be so bad that people would try

392

00:14:56,360 --> 00:14:54,240

anything to try and avoid that would

393

00:14:58,040 --> 00:14:56,370

also be something that happens that's a

394

00:14:59,740 --> 00:14:58,050

lot of what I hear from patients when

395

00:15:02,030 --> 00:14:59,750

they try to avoid chemotherapy um

396

00:15:04,010 --> 00:15:02,040

unfortunately though chemotherapy really

397

00:15:05,890 --> 00:15:04,020

is one of the best things we have for

398

00:15:07,930 --> 00:15:05,900

cancer at this point

399

00:15:09,850 --> 00:15:07,940

and can some of the alternative

400

00:15:12,940 --> 00:15:09,860

medicines are lay some of the symptoms

401
00:15:14,080 --> 00:15:12,950
even even in a placebo effect well if

402
00:15:16,000 --> 00:15:14,090
they actually work they would be

403
00:15:16,990 --> 00:15:16,010
considered medicine so they wouldn't

404
00:15:19,840 --> 00:15:17,000
actually be considered alternative

405
00:15:22,570 --> 00:15:19,850
medicines lesie bo effect is in effect

406
00:15:25,540 --> 00:15:22,580
but there's no real evidence that that

407
00:15:27,700 --> 00:15:25,550
has any true effect and it's not just

408
00:15:31,480 --> 00:15:27,710
the thing itself that you take it's the

409
00:15:34,330 --> 00:15:31,490
whole surrounding situation nice

410
00:15:36,610 --> 00:15:34,340
lighting the very caring provider those

411
00:15:38,670 --> 00:15:36,620
things all provide a placebo effect over

412
00:15:41,770 --> 00:15:38,680
and above the actual pill that you take

413
00:15:44,050 --> 00:15:41,780

how do you go when you compare your

414

00:15:45,820 --> 00:15:44,060

experience with real medicine to people

415

00:15:48,010 --> 00:15:45,830

who had a personal experience and will

416

00:15:50,650 --> 00:15:48,020

swear blind that this thing cured them

417

00:15:51,790 --> 00:15:50,660

that no way it could have how do you go

418

00:15:54,220 --> 00:15:51,800

with those arguments because that's

419

00:15:57,910 --> 00:15:54,230

tough I try very hard not to alienate my

420

00:16:00,220 --> 00:15:57,920

patients but sometimes I have to explain

421

00:16:02,470 --> 00:16:00,230

and that the thing that they were doing

422

00:16:04,600 --> 00:16:02,480

probably did not help and in fact I have

423

00:16:06,160 --> 00:16:04,610

seen people have great harm from these

424

00:16:08,080 --> 00:16:06,170

interventions I've seen I personally

425

00:16:09,400 --> 00:16:08,090

seen a patient paralyzed from what I

426

00:16:11,410 --> 00:16:09,410

suspect was the chiropractic

427

00:16:13,330 --> 00:16:11,420

manipulation and that is on top of the

428

00:16:15,280 --> 00:16:13,340

possible delay of proper treatment by

429

00:16:16,360 --> 00:16:15,290

trying these things first perhaps mud

430

00:16:19,750 --> 00:16:16,370

that might have happened to Steve Jobs

431

00:16:21,160 --> 00:16:19,760

even correct correct so what would you

432

00:16:22,990 --> 00:16:21,170

say to someone whose friend is getting

433

00:16:24,580 --> 00:16:23,000

into a bit of alternative medicine and

434

00:16:25,960 --> 00:16:24,590

they should be maybe getting into the

435

00:16:28,300 --> 00:16:25,970

real medicine what's what's the best way

436

00:16:29,830 --> 00:16:28,310

to have an intervention with them well

437

00:16:31,960 --> 00:16:29,840

that's a very good question i struggle

438

00:16:33,670 --> 00:16:31,970

with that myself but you know the

439

00:16:35,050 --> 00:16:33,680

certainly the thing you want to do is to

440

00:16:36,150 --> 00:16:35,060

preserve your relationship with the

441

00:16:38,460 --> 00:16:36,160

person

442

00:16:41,610 --> 00:16:38,470

and make sure that you're supportive of

443

00:16:43,470 --> 00:16:41,620

their attempts to heal themselves

444

00:16:46,050 --> 00:16:43,480

unfortunately many times they use

445

00:16:48,689 --> 00:16:46,060

techniques that are not helpful and all

446

00:16:50,579 --> 00:16:48,699

you can do is educate yourself and try

447

00:16:52,199 --> 00:16:50,589

to help educate the person but you just

448

00:16:54,059 --> 00:16:52,209

sometimes you just kind of have to let

449

00:16:57,030 --> 00:16:54,069

people make their own decisions now

450

00:16:59,040 --> 00:16:57,040

where does the emergency room sit in the

451
00:17:00,990 --> 00:16:59,050
hierarchy of the surgeon the

452
00:17:02,809 --> 00:17:01,000
neurosurgeons think their god of course

453
00:17:04,860 --> 00:17:02,819
the rasik surgeons just underneath them

454
00:17:07,140 --> 00:17:04,870
dermatologists apparently towards the

455
00:17:08,579 --> 00:17:07,150
bottom where does it sit in the pecking

456
00:17:10,500 --> 00:17:08,589
order of doctors because they've all but

457
00:17:11,699 --> 00:17:10,510
that sort of thing going on it's subtle

458
00:17:12,899 --> 00:17:11,709
they don't like to admit it but there's

459
00:17:13,909 --> 00:17:12,909
new resurgence I think they're pretty

460
00:17:17,130 --> 00:17:13,919
good because I mess with people's heads

461
00:17:19,919 --> 00:17:17,140
that's funny to say that I think that

462
00:17:21,539 --> 00:17:19,929
we're we're both respected and vilified

463
00:17:23,939 --> 00:17:21,549

in many ways because I'm an emergency

464

00:17:25,169 --> 00:17:23,949

doctor but I work only nights and so I'm

465

00:17:27,120 --> 00:17:25,179

waking them up in the middle of the

466

00:17:29,880 --> 00:17:27,130

night and so I'm dealing with egos I've

467

00:17:32,039 --> 00:17:29,890

had all hours oh but and many times

468

00:17:33,180 --> 00:17:32,049

those egos are not at their best at two

469

00:17:36,270 --> 00:17:33,190

o'clock in the morning when I'm calling

470

00:17:38,279 --> 00:17:36,280

them but but they have to sometimes be

471

00:17:40,289 --> 00:17:38,289

reminded that my goal is to take care of

472

00:17:42,240 --> 00:17:40,299

their patient and so I'm doing you need

473

00:17:43,710 --> 00:17:42,250

to be here now well sometimes that's the

474

00:17:46,409 --> 00:17:43,720

case sometimes I just need some advice

475

00:17:48,600 --> 00:17:46,419

but but many times I need their help in

476
00:17:50,549 --> 00:17:48,610
coordinating the patient's care and so

477
00:17:52,140 --> 00:17:50,559
we really truly are trying to do the

478
00:17:57,090 --> 00:17:52,150
best thing for the patient and at least

479
00:17:59,880 --> 00:17:57,100
in the States we are compelled to see

480
00:18:02,789 --> 00:17:59,890
all comers we stabilize all patients

481
00:18:05,730 --> 00:18:02,799
regardless of their ability to pay other

482
00:18:07,560 --> 00:18:05,740
specialties they don't have the same I

483
00:18:09,360 --> 00:18:07,570
mean they do to some extent have the

484
00:18:11,880 --> 00:18:09,370
same

485
00:18:13,980 --> 00:18:11,890
they kind of had the luxury of time

486
00:18:15,480 --> 00:18:13,990
don't they usually many times many times

487
00:18:17,100 --> 00:18:15,490
that's true we're often compelled to

488
00:18:19,470 --> 00:18:17,110

make decisions very rapidly with the

489

00:18:20,580 --> 00:18:19,480

minimum of atom of information so we do

490

00:18:22,650 --> 00:18:20,590

what we can to put the story together

491

00:18:24,210 --> 00:18:22,660

but sometimes we don't have all the

492

00:18:27,960 --> 00:18:24,220

information we do the best we can with

493

00:18:30,210 --> 00:18:27,970

that and we are there on holidays where

494

00:18:31,770 --> 00:18:30,220

there on weekends we are doing the

495

00:18:34,230 --> 00:18:31,780

things when people are not in their

496

00:18:37,380 --> 00:18:34,240

offices and what personally drew you

497

00:18:39,750 --> 00:18:37,390

inspired you to emergency medicine like

498

00:18:41,400 --> 00:18:39,760

it's a very specified area sure you be

499

00:18:42,900 --> 00:18:41,410

getting a rush all the time when someone

500

00:18:44,669 --> 00:18:42,910

comes through that door is that part of

501

00:18:46,890 --> 00:18:44,679

it all or not well what drew you to it

502

00:18:48,540 --> 00:18:46,900

that's a really good question um we need

503

00:18:50,040 --> 00:18:48,550

to be working with kids although that

504

00:18:52,140 --> 00:18:50,050

can be very sad you could be working

505

00:18:54,180 --> 00:18:52,150

you'll be doing anything really yeah

506

00:18:56,400 --> 00:18:54,190

that's that you just told me why I'm

507

00:18:57,990 --> 00:18:56,410

doing this I mean it it's the not

508

00:19:01,620 --> 00:18:58,000

knowing what's going to walk in I enjoy

509

00:19:05,010 --> 00:19:01,630

that I enjoy that I enjoy the challenge

510

00:19:07,500 --> 00:19:05,020

of managing a heart attack in one moment

511

00:19:10,169 --> 00:19:07,510

and a penetrating gunshot wound the next

512

00:19:12,210 --> 00:19:10,179

and then you know an earache and it's

513

00:19:14,730 --> 00:19:12,220

it's it's a lot of fun to have that

514

00:19:17,370 --> 00:19:14,740

variety and i think i would be bored

515

00:19:19,260 --> 00:19:17,380

stiff in an office job and one last tip

516

00:19:20,940 --> 00:19:19,270

for the skeptic zone listeners you see a

517

00:19:23,669 --> 00:19:20,950

lot of accidents I'll trajan it

518

00:19:25,200 --> 00:19:23,679

naturally car accidents but is there

519

00:19:26,430 --> 00:19:25,210

sort of accidents in the home that we

520

00:19:28,500 --> 00:19:26,440

can avoid and look out for I believe

521

00:19:30,330 --> 00:19:28,510

slipping in the bathtub is one that we

522

00:19:32,130 --> 00:19:30,340

don't think of that can be real killer

523

00:19:33,930 --> 00:19:32,140

wasn't so much killer but disabling I

524

00:19:36,060 --> 00:19:33,940

see that a lot and it's funny because

525

00:19:38,340 --> 00:19:36,070

whenever the older folks who don't

526

00:19:39,750 --> 00:19:38,350

typically have very strong bones to

527

00:19:41,070 --> 00:19:39,760

start with feel bad in the middle of the

528

00:19:42,360 --> 00:19:41,080

night the first thing they do is get up

529

00:19:44,130 --> 00:19:42,370

and walk to the hardest room in the

530

00:19:46,080 --> 00:19:44,140

house that has the most damaging

531

00:19:48,210 --> 00:19:46,090

surfaces and then they fall down and

532

00:19:50,600 --> 00:19:48,220

they cut their head or they break their

533

00:19:52,890 --> 00:19:50,610

hip or you know something like that so I

534

00:19:54,750 --> 00:19:52,900

don't know if the answer is to pad the

535

00:19:56,190 --> 00:19:54,760

bathroom or not but but we certainly

536

00:19:58,140 --> 00:19:56,200

want to make sure that people are

537

00:19:59,460 --> 00:19:58,150

careful about about moving around making

538

00:20:01,310 --> 00:19:59,470

sure they're using their hand holds

539

00:20:03,289 --> 00:20:01,320

their walkers if they need them

540

00:20:04,970 --> 00:20:03,299

sighs rubber bath mat with suction

541

00:20:06,409 --> 00:20:04,980

things on the bottom that would be an

542

00:20:08,779 --> 00:20:06,419

excellent way to help prevent that from

543

00:20:09,980 --> 00:20:08,789

happening thank you very much for

544

00:20:11,210 --> 00:20:09,990

joining us on the skipping zone you're

545

00:20:12,740 --> 00:20:11,220

gonna have a great weekend oh my

546

00:20:26,410 --> 00:20:12,750

pleasure i can't wait it's so much fun

547

00:20:31,490 --> 00:20:29,210

welcome to Weekend science from RI oz

548

00:20:33,400 --> 00:20:31,500

bringing you the science you need to

549

00:20:36,020 --> 00:20:33,410

know faster than a speeding bullet

550

00:20:37,870 --> 00:20:36,030

literally two teams are trying to raise

551
00:20:40,970 --> 00:20:37,880
the land speed record to a staggering

552
00:20:42,350 --> 00:20:40,980
1,000 miles per hour let's take a closer

553
00:20:48,350 --> 00:20:42,360
look at these incredible engineering

554
00:20:49,970 --> 00:20:48,360
projects one project trying to achieve

555
00:20:53,450 --> 00:20:49,980
this mind-boggling feat is the

556
00:20:55,760 --> 00:20:53,460
Bloodhound SSC project from the UK their

557
00:20:59,030 --> 00:20:55,770
car is powered by a jet engine and a

558
00:21:03,380 --> 00:20:59,040
rocket engine together providing 47,000

559
00:21:05,900 --> 00:21:03,390
pounds of thrust or around 135,000

560
00:21:08,680 --> 00:21:05,910
horsepower for every doubling of speed

561
00:21:11,510 --> 00:21:08,690
aerodynamic drag is increased fourfold

562
00:21:13,430 --> 00:21:11,520
meaning at 1,000 miles per hour the

563
00:21:16,130 --> 00:21:13,440

engines will be pushing the car through

564

00:21:18,620 --> 00:21:16,140

11 tons per square meter of air pressure

565

00:21:20,870 --> 00:21:18,630

the aerodynamic forces are unlike

566

00:21:23,300 --> 00:21:20,880

anything seen before and has seen

567

00:21:25,130 --> 00:21:23,310

extensive computational fluid dynamic

568

00:21:27,350 --> 00:21:25,140

studies to not only make the car

569

00:21:31,510 --> 00:21:27,360

efficient enough to reach the target but

570

00:21:37,370 --> 00:21:33,650

challenging Bloodhound is Australia's

571

00:21:39,050 --> 00:21:37,380

Rosco McGlashan in Ozzie invader 5r this

572

00:21:41,590 --> 00:21:39,060

bullet shaped vehicle is powered by a

573

00:21:44,450 --> 00:21:41,600

single rocket engine producing around

574

00:21:47,600 --> 00:21:44,460

62,000 pounds of thrust the equivalent

575

00:21:50,150 --> 00:21:47,610

of around 200 thousand horsepower the

576

00:21:52,520 --> 00:21:50,160

rocket is powered by kerosene and liquid

577

00:21:54,890 --> 00:21:52,530

oxygen one knows we'll design elements

578

00:21:56,900 --> 00:21:54,900

of the car is a v-shaped bottom surface

579

00:21:58,910 --> 00:21:56,910

to deflect shockwaves from underneath

580

00:22:02,540 --> 00:21:58,920

the car providing greater stability

581

00:22:04,700 --> 00:22:02,550

during extremely high speeds and now for

582

00:22:09,050 --> 00:22:04,710

fast facts about how to design a land

583

00:22:11,060 --> 00:22:09,060

speed record breaking car one of the

584

00:22:12,980 --> 00:22:11,070

most important designer aspects of the

585

00:22:15,620 --> 00:22:12,990

car is to have neither lift making the

586

00:22:17,540 --> 00:22:15,630

car take off nor down force pushing it

587

00:22:20,210 --> 00:22:17,550

down into the ground and risking

588

00:22:22,340 --> 00:22:20,220

breaking for suspension one of the most

589

00:22:24,380 --> 00:22:22,350

important design aspects of the car is

590

00:22:26,870 --> 00:22:24,390

to have neither lift making the car take

591

00:22:29,230 --> 00:22:26,880

off nor down force pushing it into the

592

00:22:31,610 --> 00:22:29,240

ground and risk breaking the suspension

593

00:22:34,430 --> 00:22:31,620

breaking from high speeds is also

594

00:22:37,460 --> 00:22:34,440

important Bloodhound uses the cars own

595

00:22:40,000 --> 00:22:37,470

aerodynamic drag at very high speeds

596

00:22:43,730 --> 00:22:40,010

then air brakes then parachutes and

597

00:22:46,100 --> 00:22:43,740

finally will brakes to stop the car the

598

00:22:48,380 --> 00:22:46,110

wheels are extremely important made of

599

00:22:50,990 --> 00:22:48,390

solid aluminium alloy they will spin it

600

00:22:53,330 --> 00:22:51,000

over 10,000 revolutions per minute and

601
00:22:55,220 --> 00:22:53,340
in contrast to what you may think it is

602
00:22:57,529 --> 00:22:55,230
actually important to keep the weight of

603
00:22:59,659 --> 00:22:57,539
these cars up to provide stability and

604
00:23:02,120 --> 00:22:59,669
to make sure the wheels maintain

605
00:23:04,039 --> 00:23:02,130
traction and do not slide that's it for

606
00:23:05,930 --> 00:23:04,049
this week in science for more

607
00:23:10,250 --> 00:23:05,940
information on these engineering quests

608
00:23:13,399 --> 00:23:10,260
goes to the RLS website are I a u.s. dog

609
00:23:16,070 --> 00:23:13,409
to a you follow us on twitter at ra oz

610
00:23:26,810 --> 00:23:16,080
and like us on facebook i'm ben lewis

611
00:23:28,159 --> 00:23:26,820
and we'll catch you next week are you

612
00:23:31,039 --> 00:23:28,169
tired of waiting for the end of the

613
00:23:33,560 --> 00:23:31,049

world is the grain nano goo coming for

614

00:23:35,480 --> 00:23:33,570

you or are you just annoyed by those

615

00:23:37,580 --> 00:23:35,490

hordes of undead or the color of the

616

00:23:40,070 --> 00:23:37,590

moon or even swarms of a sort of

617

00:23:43,279 --> 00:23:40,080

biblical insects could that silly movie

618

00:23:46,880 --> 00:23:43,289

2012 actually have any basis of reality

619

00:23:48,590 --> 00:23:46,890

or will a machine to rule us all for

620

00:23:50,270 --> 00:23:48,600

these questions are fun we can down more

621

00:23:52,549 --> 00:23:50,280

comes in the new zealand skeptics

622

00:23:55,510 --> 00:23:52,559

society 2015 annual conference

623

00:23:58,039 --> 00:23:55,520

christchurch 20th 22nd november

624

00:24:00,020 --> 00:23:58,049

evidence shows that we even have a real

625

00:24:02,060 --> 00:24:00,030

scientist speaking on fantastic topics

626
00:24:03,680 --> 00:24:02,070
when the echoing hoofbeats of the for

627
00:24:05,299 --> 00:24:03,690
gender neutral equations of the

628
00:24:08,240 --> 00:24:05,309
apocalypse ring out across the world

629
00:24:11,320 --> 00:24:08,250
where will you be christchurch new

630
00:24:14,480 --> 00:24:11,330
zealand twentieth 222nd november

631
00:24:16,370 --> 00:24:14,490
apocalypse how after all with the go to

632
00:24:19,430 --> 00:24:16,380
place for natural disasters for further

633
00:24:21,049 --> 00:24:19,440
details visit conference top skeptics NZ

634
00:24:22,880 --> 00:24:21,059
you zealand skeptics society is a

635
00:24:24,770 --> 00:24:22,890
charitable organization that exists to

636
00:24:30,060 --> 00:24:24,780
promote critical thinking the devil is

637
00:24:39,449 --> 00:24:32,650
what we want is some more evidence

638
00:24:39,459 --> 00:24:45,830

hello this is Joe alabaster

639

00:24:52,320 --> 00:24:49,290

well this weekend was that time again

640

00:24:54,660 --> 00:24:52,330

the mind-body-spirit festival or as we

641

00:24:57,750 --> 00:24:54,670

like to call it mind body wallet was in

642

00:24:59,940 --> 00:24:57,760

town held in Brisbane Sydney and

643

00:25:02,430 --> 00:24:59,950

Melbourne mind-body wallet rolls around

644

00:25:03,960 --> 00:25:02,440

every six months and each time I

645

00:25:06,210 --> 00:25:03,970

mentioned on social media that I'm

646

00:25:08,520 --> 00:25:06,220

planning on attending friends quite

647

00:25:11,220 --> 00:25:08,530

reasonably I might add question why it

648

00:25:13,440 --> 00:25:11,230

is that anyone who is of a skeptical /

649

00:25:15,060 --> 00:25:13,450

evidence-based mindset will put

650

00:25:16,800 --> 00:25:15,070

themselves through a day of wandering

651
00:25:19,100 --> 00:25:16,810
through I'll up on aisle of stalls

652
00:25:21,960 --> 00:25:19,110
containing people deep into the Wu and

653
00:25:24,450 --> 00:25:21,970
selling it chiropractors health

654
00:25:26,010 --> 00:25:24,460
supplements iridology bizarre machines

655
00:25:28,200 --> 00:25:26,020
which claimed to be able to diagnose

656
00:25:32,130 --> 00:25:28,210
anything under the Sun energy healing

657
00:25:33,810 --> 00:25:32,140
crystal healing psychics I'm not going

658
00:25:36,510 --> 00:25:33,820
to pretend that it's always pleasant or

659
00:25:38,700 --> 00:25:36,520
easy especially in contrast with last

660
00:25:40,710 --> 00:25:38,710
weekend's Australian skeptics national

661
00:25:42,360 --> 00:25:40,720
convention in Brisbane where I was

662
00:25:44,820 --> 00:25:42,370
surrounded by lovely people with a

663
00:25:47,370 --> 00:25:44,830

similar outlook to my own and as

664

00:25:49,230 --> 00:25:47,380

valuable as that is there's also a lot

665

00:25:51,990 --> 00:25:49,240

of value in attending events such as

666

00:25:54,030 --> 00:25:52,000

mind-body wallet paranormal Expos and

667

00:25:56,070 --> 00:25:54,040

the like in getting out of our comfort

668

00:26:00,030 --> 00:25:56,080

zone and immersing ourselves in the

669

00:26:02,460 --> 00:26:00,040

world of woo one of the main reasons

670

00:26:04,410 --> 00:26:02,470

that I go is to see firsthand what's

671

00:26:06,420 --> 00:26:04,420

going on in the realm of alternative

672

00:26:08,400 --> 00:26:06,430

beliefs on health and psychology and

673

00:26:10,950 --> 00:26:08,410

scope out the sorts of products and

674

00:26:12,570 --> 00:26:10,960

services that are being sold admittedly

675

00:26:14,820 --> 00:26:12,580

I spend a fair amount of time checking

676
00:26:17,190 --> 00:26:14,830
out these things online and in magazines

677
00:26:19,230 --> 00:26:17,200
and while being able to look at these

678
00:26:21,630 --> 00:26:19,240
things from a distance offices a chance

679
00:26:24,060 --> 00:26:21,640
to take our time and thoroughly examine

680
00:26:26,250 --> 00:26:24,070
claims being made actually getting out

681
00:26:28,530 --> 00:26:26,260
there and interacting with stallholders

682
00:26:31,530 --> 00:26:28,540
offers us some insights would otherwise

683
00:26:34,050 --> 00:26:31,540
miss now I'm not a particularly

684
00:26:35,820 --> 00:26:34,060
confrontational person and perhaps I

685
00:26:38,370 --> 00:26:35,830
find interactions with people selling

686
00:26:40,650 --> 00:26:38,380
unproven and/or unscientific health

687
00:26:42,600 --> 00:26:40,660
potions a little easier than others may

688
00:26:44,580 --> 00:26:42,610

I can chat with vendors about their

689

00:26:46,290 --> 00:26:44,590

products ask questions and gain

690

00:26:49,530 --> 00:26:46,300

information without getting too

691

00:26:51,060 --> 00:26:49,540

outwardly cranky and calling BS but I

692

00:26:52,890 --> 00:26:51,070

don't think I could cope with it all too

693

00:26:54,870 --> 00:26:52,900

well without the company of other

694

00:26:57,720 --> 00:26:54,880

like-minded people for support and

695

00:26:58,890 --> 00:26:57,730

debriefing and honestly the share a few

696

00:27:00,870 --> 00:26:58,900

jokes

697

00:27:03,750 --> 00:27:00,880

find gallows humor invaluable in

698

00:27:05,520 --> 00:27:03,760

situations such as these we had a

699

00:27:07,710 --> 00:27:05,530

fantastic group for this mind-body

700

00:27:10,050 --> 00:27:07,720

wallet Richard and Aaron from the

701
00:27:13,230 --> 00:27:10,060
skeptical zone and Australian skeptical zinc

702
00:27:15,720 --> 00:27:13,240
plus dr. Brad Mackay for some medically

703
00:27:18,060 --> 00:27:15,730
informed opinions and kate brown from

704
00:27:20,070 --> 00:27:18,070
choice who you might know as the guilty

705
00:27:22,340 --> 00:27:20,080
mum from the check out who is looking at

706
00:27:24,570 --> 00:27:22,350
things from a journalistic perspective

707
00:27:28,170 --> 00:27:24,580
some of the things we saw this time

708
00:27:31,290 --> 00:27:28,180
around Wow nine hundred dollar air

709
00:27:35,730 --> 00:27:31,300
ionizers tens machines connected to

710
00:27:38,070 --> 00:27:35,740
socks alkalized water again fat-burning

711
00:27:40,590 --> 00:27:38,080
corsets and there were pink leopard

712
00:27:43,680 --> 00:27:40,600
print ones they're totally aiming for my

713
00:27:45,390 --> 00:27:43,690

demographic the orgone energy people

714

00:27:47,610 --> 00:27:45,400

with their hundred and twenty dollar

715

00:27:50,370 --> 00:27:47,620

chunks of resin that plug into power

716

00:27:52,800 --> 00:27:50,380

plants colored light therapists and

717

00:27:55,320 --> 00:27:52,810

three stalls with people who'd bought

718

00:27:57,390 --> 00:27:55,330

machines which they claimed could scan

719

00:28:00,540 --> 00:27:57,400

and diagnose problems throughout a

720

00:28:03,510 --> 00:28:00,550

person's entire body and then administer

721

00:28:07,590 --> 00:28:03,520

crystal healing all through a pair of

722

00:28:09,330 --> 00:28:07,600

headphones ish this is another good

723

00:28:11,670 --> 00:28:09,340

reason for our sceptics to attend

724

00:28:15,140 --> 00:28:11,680

mind-body wallet we can keep an eye out

725

00:28:17,490 --> 00:28:15,150

for dodgy claims that overstep the line

726

00:28:19,590 --> 00:28:17,500

unfortunately the authorities the

727

00:28:21,180 --> 00:28:19,600

Therapeutic Goods Authority the

728

00:28:23,490 --> 00:28:21,190

Australian Competition and Consumer

729

00:28:25,680 --> 00:28:23,500

Commission and the health care

730

00:28:27,900 --> 00:28:25,690

Complaints Commission don't attend these

731

00:28:30,000 --> 00:28:27,910

events as far as I'm aware so don't get

732

00:28:32,550 --> 00:28:30,010

to see precisely what's being claimed

733

00:28:34,230 --> 00:28:32,560

and sold and some of the products and

734

00:28:36,900 --> 00:28:34,240

therapies that mind-body wallet do

735

00:28:39,060 --> 00:28:36,910

present a danger to consumers be it via

736

00:28:41,370 --> 00:28:39,070

false reassurance with diagnostic

737

00:28:42,990 --> 00:28:41,380

devices a false sense that people are

738

00:28:44,820 --> 00:28:43,000

addressing health problems when they

739

00:28:47,640 --> 00:28:44,830

purchase unproven and ineffective

740

00:28:49,140 --> 00:28:47,650

treatments or a waste of money on

741

00:28:51,780 --> 00:28:49,150

products which claim to address

742

00:28:54,780 --> 00:28:51,790

non-existent problems or simply don't

743

00:28:56,850 --> 00:28:54,790

work there's one other reason to go to

744

00:28:59,160 --> 00:28:56,860

mind/body wallet and the like but the

745

00:29:00,960 --> 00:28:59,170

outcome is a little more defined than

746

00:29:03,300 --> 00:29:00,970

those for information gathering and

747

00:29:06,120 --> 00:29:03,310

reporting goods and services of concern

748

00:29:08,400 --> 00:29:06,130

to the authorities during discussions

749

00:29:10,410 --> 00:29:08,410

with stallholders the conversation can

750

00:29:12,000 --> 00:29:10,420

turn to our own perspectives on the

751
00:29:14,760 --> 00:29:12,010
importance of scientific

752
00:29:16,770 --> 00:29:14,770
evidence and yes this can be a little

753
00:29:18,900 --> 00:29:16,780
tricky occasionally it can be met with

754
00:29:21,540 --> 00:29:18,910
hostility or the vendors shutting down

755
00:29:24,180 --> 00:29:21,550
the conversation but sometimes they'll

756
00:29:26,880 --> 00:29:24,190
be willing to engage this can be a good

757
00:29:29,070 --> 00:29:26,890
time to employ Socratic questioning why

758
00:29:31,740 --> 00:29:29,080
do you believe this what evidence do you

759
00:29:34,440 --> 00:29:31,750
need in order to accept a claim what do

760
00:29:36,480 --> 00:29:34,450
you think skepticism involves and a try

761
00:29:38,520 --> 00:29:36,490
and reassure believers that skeptics do

762
00:29:41,580 --> 00:29:38,530
have open minds and that were not all

763
00:29:43,890 --> 00:29:41,590

about negativity it can go many

764

00:29:45,750 --> 00:29:43,900

different ways and talking believers

765

00:29:47,940 --> 00:29:45,760

around is not one of my priorities in

766

00:29:50,370 --> 00:29:47,950

these situations but I live in hope that

767

00:29:52,500 --> 00:29:50,380

there are times that stallholders take

768

00:29:53,790 --> 00:29:52,510

something positive about skepticism and

769

00:29:56,790 --> 00:29:53,800

critical thought away from these

770

00:29:59,190 --> 00:29:56,800

exchanges and I'm totally willing to

771

00:30:02,340 --> 00:29:59,200

accept that this is a leap of faith on

772

00:30:04,260 --> 00:30:02,350

my part until next time this has been

773

00:30:07,380 --> 00:30:04,270

Joe alabaster for the sceptics own

774

00:30:10,740 --> 00:30:07,390

podcast for more evidence please visit

775

00:30:13,530 --> 00:30:10,750

my blog at evidence please net you can

776

00:30:16,260 --> 00:30:13,540

contact me by emailing Joe at evidence

777

00:30:37,550 --> 00:30:16,270

please dot net or find me on twitter at

778

00:30:43,560 --> 00:30:40,590

hello Richard and all the listeners of

779

00:30:46,470 --> 00:30:43,570

skeptic zone my name is Ron levy and I'm

780

00:30:48,930 --> 00:30:46,480

the producer and co-host of curious mind

781

00:30:54,720 --> 00:30:48,940

it's about cast about science technology

782

00:30:57,120 --> 00:30:54,730

and history at wwc em-pod cmp oh d dot

783

00:30:59,190 --> 00:30:57,130

net each episode will bring you

784

00:31:01,500 --> 00:30:59,200

interesting stories from a wide range of

785

00:31:04,620 --> 00:31:01,510

subjects from physics astronomy and

786

00:31:06,600 --> 00:31:04,630

medicine from arts to science fiction we

787

00:31:08,880 --> 00:31:06,610

strive for the highest production values

788

00:31:10,980 --> 00:31:08,890

both in content and in delivery we

789

00:31:14,190 --> 00:31:10,990

already have on the air episodes about

790

00:31:16,590 --> 00:31:14,200

German u-boats in Second World War about

791

00:31:20,100 --> 00:31:16,600

the history of x-rays and the war of

792

00:31:41,860 --> 00:31:20,110

currents between Tesla and Edison come

793

00:31:46,730 --> 00:31:44,840

look I'm with someone now that I've want

794

00:31:48,200 --> 00:31:46,740

to interview for a long time a guy that

795

00:31:50,090 --> 00:31:48,210

some people call it the bunker but he's

796

00:31:52,100 --> 00:31:50,100

much more than that Joe Nickell how are

797

00:31:55,310 --> 00:31:52,110

you I'm good thanks and thanks for

798

00:31:58,039 --> 00:31:55,320

clarifying that because this idea of

799

00:32:00,260 --> 00:31:58,049

debunking suggests that you could just

800

00:32:02,450 --> 00:32:00,270

be the flip side of the true believer

801
00:32:05,299 --> 00:32:02,460
and you already know everything and you

802
00:32:09,830 --> 00:32:05,309
just dismiss it not at all for me I'm a

803
00:32:12,169 --> 00:32:09,840
detective trained and I'm curious about

804
00:32:13,970 --> 00:32:12,179
what you know okay it's probably not a

805
00:32:16,640 --> 00:32:13,980
ghost is probably not Bigfoot is

806
00:32:18,680 --> 00:32:16,650
probably not whatever but what exactly

807
00:32:21,169 --> 00:32:18,690
is it and what can we learn about

808
00:32:23,419 --> 00:32:21,179
ourselves and others from finding out

809
00:32:25,580 --> 00:32:23,429
exactly what what is that I've heard

810
00:32:27,740 --> 00:32:25,590
critics of all Joe Nickell he just finds

811
00:32:29,659 --> 00:32:27,750
the prosaic reason why something

812
00:32:32,960 --> 00:32:29,669
happened and they use that as a negative

813
00:32:36,530 --> 00:32:32,970

term is that is that the good is prosaic

814

00:32:39,230 --> 00:32:36,540

necessarily a negative turn well is it

815

00:32:44,320 --> 00:32:39,240

that they have a point that that what I

816

00:32:47,690 --> 00:32:44,330

find maybe prosaic it may be that as

817

00:32:50,600 --> 00:32:47,700

rather than the the flatwoods monster of

818

00:32:53,480 --> 00:32:50,610

West Virginia the famous case being an

819

00:32:56,630 --> 00:32:53,490

extraterrestrial creature I'm quite sure

820

00:32:58,730 --> 00:32:56,640

it was a bar now in the description of

821

00:33:01,310 --> 00:32:58,740

it with terrible claws shining eyes a

822

00:33:05,210 --> 00:33:01,320

heart-shaped face a high-pitched hissing

823

00:33:07,700 --> 00:33:05,220

sound and so forth is a Barnell for sure

824

00:33:09,680 --> 00:33:07,710

and and the flying saucer that it came

825

00:33:11,830 --> 00:33:09,690

that was a meteor and and so it's a

826

00:33:16,310 --> 00:33:11,840

comedy of errors now is a Barnell

827

00:33:18,610 --> 00:33:16,320

prosaic well that's not you know I don't

828

00:33:21,500 --> 00:33:18,620

always use that term I mean just

829

00:33:23,060 --> 00:33:21,510

actually I would say if actually it's a

830

00:33:25,250 --> 00:33:23,070

bar now I'm sorry if you wanted

831

00:33:26,990 --> 00:33:25,260

something more with more pizzazz you

832

00:33:30,049 --> 00:33:27,000

wanted a Barnell wearing a turtleneck

833

00:33:32,870 --> 00:33:30,059

shirt and you know glow beads or

834

00:33:36,080 --> 00:33:32,880

something but no this is exactly what

835

00:33:38,060 --> 00:33:36,090

the evidence shows it is to be I'll give

836

00:33:41,060 --> 00:33:38,070

you another example it's more maybe a

837

00:33:42,430 --> 00:33:41,070

little bit more exotic there was a case

838

00:33:44,499 --> 00:33:42,440

some years ago

839

00:33:47,950 --> 00:33:44,509

up in the Yukon Territory of Canada in

840

00:33:51,600 --> 00:33:47,960

the south west corner of the Yukon near

841

00:33:56,230 --> 00:33:51,610

the Alaskan coast and someone saw a

842

00:33:59,649 --> 00:33:56,240

Bigfoot that was bluish in color this

843

00:34:02,320 --> 00:33:59,659

struck me is quite unusual the nighttime

844

00:34:05,289 --> 00:34:02,330

sighting okay but they said it was

845

00:34:09,040 --> 00:34:05,299

distinctly bluish in color had maybe a

846

00:34:11,139 --> 00:34:09,050

grayish face and I and I thought this is

847

00:34:15,490 --> 00:34:11,149

ringing a bell and I checked on this

848

00:34:18,220 --> 00:34:15,500

there's a particular type of bear called

849

00:34:22,240 --> 00:34:18,230

a glacial bear that has this particular

850

00:34:25,480 --> 00:34:22,250

genetic component that has this bluish

851

00:34:27,669 --> 00:34:25,490

color and ashen face that's a pretty

852

00:34:30,190 --> 00:34:27,679

exotic animal in a way it's fairly

853

00:34:31,419 --> 00:34:30,200

limited to to the Alaskan coast so even

854

00:34:34,690 --> 00:34:31,429

people who live there might have seen it

855

00:34:39,790 --> 00:34:34,700

very often exactly and to call that

856

00:34:41,710 --> 00:34:39,800

prosaic well again that's not my job to

857

00:34:44,050 --> 00:34:41,720

decide whether something's exam i'm

858

00:34:45,639 --> 00:34:44,060

happy with an exotic explanation yeah

859

00:34:47,770 --> 00:34:45,649

it's the best and most likely

860

00:34:50,680 --> 00:34:47,780

explanation so where do you sit on

861

00:34:53,349 --> 00:34:50,690

theories of the other the realm the fact

862

00:34:55,569 --> 00:34:53,359

that what we are living in may not be

863

00:34:57,160 --> 00:34:55,579

all there is how do you go with that

864

00:35:02,470 --> 00:34:57,170

because that's what you come up against

865

00:35:05,260 --> 00:35:02,480

all the time yes I I think what my 40

866

00:35:07,510 --> 00:35:05,270

some years career of doing this that

867

00:35:12,069 --> 00:35:07,520

I've come increasingly to believe that

868

00:35:14,470 --> 00:35:12,079

we live in a real and a natural world do

869

00:35:16,420 --> 00:35:14,480

I totally rule out something else no

870

00:35:18,430 --> 00:35:16,430

it's hard to prove a negative it's hard

871

00:35:20,380 --> 00:35:18,440

to prove there isn't another dimension

872

00:35:22,900 --> 00:35:20,390

it's hard to prove they're there aren't

873

00:35:25,059 --> 00:35:22,910

leprechauns try it you can't do it you

874

00:35:27,339 --> 00:35:25,069

can't prove there are no leprechauns but

875

00:35:29,829 --> 00:35:27,349

but it's these simple principles guide

876

00:35:32,349 --> 00:35:29,839

my work one is that the burden of proof

877

00:35:34,720 --> 00:35:32,359

is on the one making the claim not on me

878

00:35:38,470 --> 00:35:34,730

to have to disprove it difficult to

879

00:35:40,599 --> 00:35:38,480

disprove these things and and some other

880

00:35:42,599 --> 00:35:40,609

principles like Occam's razor which says

881

00:35:46,270 --> 00:35:42,609

if you have two or three possibilities

882

00:35:49,300 --> 00:35:46,280

the one that makes the fewest

883

00:35:51,880 --> 00:35:49,310

assumptions is most likely to be

884

00:35:53,380 --> 00:35:51,890

corrected as a preferred hypothesis so

885

00:35:55,120 --> 00:35:53,390

someone can say to me well I don't buy

886

00:35:58,120 --> 00:35:55,130

your glacial bear thing I said

887

00:36:00,220 --> 00:35:58,130

well but look glacial bears exists the

888

00:36:03,520 --> 00:36:00,230

description is limited but it fits the

889

00:36:06,670 --> 00:36:03,530

Glacial bear I rest my case now you can

890

00:36:09,700 --> 00:36:06,680

not like it that's okay but if you want

891

00:36:11,950 --> 00:36:09,710

to replace my preferred hypothesis you

892

00:36:14,140 --> 00:36:11,960

need a better one mmm and you need one

893

00:36:16,480 --> 00:36:14,150

with so when you say oh it's a Bigfoot

894

00:36:17,950 --> 00:36:16,490

instead well you've just made an

895

00:36:19,750 --> 00:36:17,960

assumption that Bigfoot is a real

896

00:36:22,840 --> 00:36:19,760

creature which exists and we don't have

897

00:36:25,510 --> 00:36:22,850

that proof so you can't you can't

898

00:36:29,080 --> 00:36:25,520

explain an unknown by by creating

899

00:36:30,700 --> 00:36:29,090

another unknown I closely on the show is

900

00:36:33,190 --> 00:36:30,710

it real where you with a guy that would

901
00:36:34,810 --> 00:36:33,200
come along and say yeah it's not so is

902
00:36:36,670 --> 00:36:34,820
that why you got you get the reputation

903
00:36:39,010 --> 00:36:36,680
as a debunker but that is not what you

904
00:36:41,650 --> 00:36:39,020
want to be known for is it no absolutely

905
00:36:43,900 --> 00:36:41,660
I don't like the term debunker and I I

906
00:36:46,240 --> 00:36:43,910
correct people who call me that it's

907
00:36:48,970 --> 00:36:46,250
true that you're put into that pigeon

908
00:36:50,500 --> 00:36:48,980
hole by TV producers a lot of TV

909
00:36:52,750 --> 00:36:50,510
producers cannot wrap their brains

910
00:36:55,360 --> 00:36:52,760
around the fact that someone could

911
00:36:58,510 --> 00:36:55,370
actually want to be a detective actually

912
00:37:01,810 --> 00:36:58,520
be open and an impartial and try to find

913
00:37:03,460 --> 00:37:01,820

the best solution they just they have

914

00:37:04,900 --> 00:37:03,470

their notion that well we have these

915

00:37:08,530 --> 00:37:04,910

people that have had these experiences

916

00:37:11,920 --> 00:37:08,540

and we needed to bunker on therefore for

917

00:37:15,430 --> 00:37:11,930

the other point of view and they have

918

00:37:17,980 --> 00:37:15,440

stereotyped debunkers they know what

919

00:37:20,830 --> 00:37:17,990

they mean by that and no matter what I

920

00:37:22,660 --> 00:37:20,840

do no matter how much they see me do

921

00:37:25,480 --> 00:37:22,670

actual detective work on something for

922

00:37:27,910 --> 00:37:25,490

three years they will still they can't

923

00:37:30,190 --> 00:37:27,920

help it but think yeah but you're really

924

00:37:32,050 --> 00:37:30,200

just a debunker aren't you well people

925

00:37:34,510 --> 00:37:32,060

would say that the term conspiracy

926
00:37:35,980 --> 00:37:34,520
theorist is used to make people who have

927
00:37:38,470 --> 00:37:35,990
alternative theories look bad as well

928
00:37:41,620 --> 00:37:38,480
that's the angle they come from well

929
00:37:44,670 --> 00:37:41,630
right I mean we need to get me our name

930
00:37:50,020 --> 00:37:44,680
calling but we don't always have time a

931
00:37:52,140 --> 00:37:50,030
show on TV shows and most you know most

932
00:37:56,380 --> 00:37:52,150
things are done with sound bites and and

933
00:37:58,600 --> 00:37:56,390
yes owes your mother but I mean there

934
00:38:01,020 --> 00:37:58,610
are conspiracy theories and some I mean

935
00:38:03,940 --> 00:38:01,030
they're real conspiracies of course but

936
00:38:06,850 --> 00:38:03,950
there are these laughable conspiracy

937
00:38:09,610 --> 00:38:06,860
theories that really don't have much

938
00:38:14,200 --> 00:38:09,620

to support them and it is it is easy to

939

00:38:17,320 --> 00:38:14,210

categorically you know say that these

940

00:38:19,390 --> 00:38:17,330

are conspiracy theorists in the same way

941

00:38:21,160 --> 00:38:19,400

and I you know occasionally talking

942

00:38:23,410 --> 00:38:21,170

about the Shroud of Turin I'll refer to

943

00:38:25,180 --> 00:38:23,420

the other side of shroud ease okay

944

00:38:28,090 --> 00:38:25,190

that's maybe not real kind but in a

945

00:38:34,210 --> 00:38:28,100

quick moment I could call them shroud

946

00:38:38,410 --> 00:38:34,220

believers I guess but so what we need is

947

00:38:42,310 --> 00:38:38,420

is time to discuss these things and time

948

00:38:44,230 --> 00:38:42,320

to present them in a way that people

949

00:38:46,960 --> 00:38:44,240

thoughtful people can hear both sides

950

00:38:48,130 --> 00:38:46,970

and come up with something the Shroud of

951

00:38:49,630 --> 00:38:48,140

Turin is one of the ones you've been

952

00:38:52,360 --> 00:38:49,640

involved with very famously of course

953

00:38:54,070 --> 00:38:52,370

the Nazca Plains you've recreated two of

954

00:38:55,300 --> 00:38:54,080

the giant now with the equipment you use

955

00:38:56,530 --> 00:38:55,310

could they have done it because I saw

956

00:38:57,700 --> 00:38:56,540

you had some rope and that they could

957

00:38:59,080 --> 00:38:57,710

have made that they could have their

958

00:39:00,130 --> 00:38:59,090

thank the people could have made this

959

00:39:01,840 --> 00:39:00,140

because I thought there might have been

960

00:39:03,430 --> 00:39:01,850

ley lines to water or something like

961

00:39:06,280 --> 00:39:03,440

that but you were thinking that there

962

00:39:10,600 --> 00:39:06,290

are ritualistically paths ritualistic

963

00:39:13,780 --> 00:39:10,610

walking paths the there are some just

964

00:39:16,950 --> 00:39:13,790

lines but these lines don't appear to go

965

00:39:20,020 --> 00:39:16,960

towards anything even astronomical

966

00:39:21,700 --> 00:39:20,030

connections don't they sort of some of

967

00:39:24,670 --> 00:39:21,710

them work and some don't seem to work

968

00:39:27,580 --> 00:39:24,680

but but most of my emphasis has been on

969

00:39:29,590 --> 00:39:27,590

these giant pictures of the birds and

970

00:39:32,680 --> 00:39:29,600

the spiders and the monkey and so forth

971

00:39:35,190 --> 00:39:32,690

and those wouldn't be lines pointing to

972

00:39:38,430 --> 00:39:35,200

some straight direction they're clearly

973

00:39:41,320 --> 00:39:38,440

fact some of them have intricate to

974

00:39:42,790 --> 00:39:41,330

zigzaggy lines inside the figure and

975

00:39:45,700 --> 00:39:42,800

they look very much like what we would

976
00:39:48,400 --> 00:39:45,710
call a maze or a labyrinth and these

977
00:39:51,730 --> 00:39:48,410
extra two lines that each figure has

978
00:39:53,890 --> 00:39:51,740
there's a pair of lines like the spider

979
00:39:56,470 --> 00:39:53,900
has a pair of extra lines coming off its

980
00:39:58,630 --> 00:39:56,480
lower right leg the monkey has a pair

981
00:40:01,720 --> 00:39:58,640
going up to the base of its tail and and

982
00:40:03,310 --> 00:40:01,730
we've puzzled over this for a lot why

983
00:40:06,400 --> 00:40:03,320
are these extra lines there they have

984
00:40:09,850 --> 00:40:06,410
nothing to do with layout or design or

985
00:40:12,190 --> 00:40:09,860
anything but as I as I've shown if you

986
00:40:13,630 --> 00:40:12,200
walk one of those lines and they look

987
00:40:15,130 --> 00:40:13,640
like paths on the ground because the

988
00:40:17,240 --> 00:40:15,140

gravel has been cleared away that's how

989

00:40:19,850 --> 00:40:17,250

the pictures show up

990

00:40:22,100 --> 00:40:19,860

if you walk one of those lines and enter

991

00:40:24,620 --> 00:40:22,110

the figure the figures are all drawn

992

00:40:25,940 --> 00:40:24,630

with a continuous line you you just keep

993

00:40:27,980 --> 00:40:25,950

walking and walking and you're

994

00:40:30,500 --> 00:40:27,990

traversing the entire figure and you

995

00:40:33,740 --> 00:40:30,510

come out the other line so this is this

996

00:40:36,530 --> 00:40:33,750

is just really good evidence that these

997

00:40:38,540 --> 00:40:36,540

are ritual walking paths I mean people

998

00:40:40,070 --> 00:40:38,550

who say could they have also been trying

999

00:40:42,380 --> 00:40:40,080

to signal something that they saw in the

1000

00:40:44,360 --> 00:40:42,390

sky at some stage as well well then why

1001
00:40:47,240 --> 00:40:44,370
would you need the double lines these

1002
00:40:49,040 --> 00:40:47,250
these extraneous lines that invite you

1003
00:40:52,640 --> 00:40:49,050
to walk into the figure and walk out of

1004
00:40:55,280 --> 00:40:52,650
the figure but but yes we could ask that

1005
00:40:57,950 --> 00:40:55,290
question but could they be signals for

1006
00:41:00,860 --> 00:40:57,960
the for the gods or the spaceships the

1007
00:41:03,500 --> 00:41:00,870
irony is that if you were in a spaceship

1008
00:41:06,230 --> 00:41:03,510
and coming in to Planet Earth you would

1009
00:41:09,020 --> 00:41:06,240
be able to see this plateau of Nazca

1010
00:41:10,730 --> 00:41:09,030
this giant 30 mile plateau you could see

1011
00:41:12,950 --> 00:41:10,740
that and it would be useful to think of

1012
00:41:15,860 --> 00:41:12,960
it as maybe a place to land those

1013
00:41:18,500 --> 00:41:15,870

figures are miniscule teensy tiny

1014

00:41:20,780 --> 00:41:18,510

compared but the time you get down low

1015

00:41:23,630 --> 00:41:20,790

enough for a spaceship low enough to see

1016

00:41:25,820 --> 00:41:23,640

that and understand them and there's a

1017

00:41:27,890 --> 00:41:25,830

bewildering mixture of them what would

1018

00:41:29,900 --> 00:41:27,900

it mean to you why would you need to see

1019

00:41:31,790 --> 00:41:29,910

a spider and a bird and some what would

1020

00:41:35,210 --> 00:41:31,800

what would the purpose this be and you'd

1021

00:41:37,550 --> 00:41:35,220

be almost ready to land and then as

1022

00:41:38,960 --> 00:41:37,560

Maria Reiche said the German

1023

00:41:41,830 --> 00:41:38,970

mathematician who spent her life

1024

00:41:44,300 --> 00:41:41,840

protecting the Nazca lines she said that

1025

00:41:45,860 --> 00:41:44,310

the ground was soft there she said I'm

1026

00:41:49,220 --> 00:41:45,870

afraid this spaceman would have gotten

1027

00:41:50,720 --> 00:41:49,230

stuck and it was also you mentioned just

1028

00:41:52,700 --> 00:41:50,730

are you involved in the Kennedy

1029

00:41:53,570 --> 00:41:52,710

assassination investigation now when did

1030

00:41:55,220 --> 00:41:53,580

you do that I would have thought that

1031

00:41:57,020 --> 00:41:55,230

that would have been even bigger than

1032

00:41:59,660 --> 00:41:57,030

the Shroud of Turin because that is one

1033

00:42:02,390 --> 00:41:59,670

that has so many misdirections and bits

1034

00:42:04,490 --> 00:42:02,400

of misinformation yeah I didn't play a

1035

00:42:06,500 --> 00:42:04,500

big role in the Kennedy assassination I

1036

00:42:09,530 --> 00:42:06,510

mean that's that people are all over the

1037

00:42:11,780 --> 00:42:09,540

place without their there tons of stuff

1038

00:42:13,490 --> 00:42:11,790

i would have had devoted devoted a good

1039

00:42:15,350 --> 00:42:13,500

part of my life to that and it was

1040

00:42:18,050 --> 00:42:15,360

already pretty much people have been

1041

00:42:20,210 --> 00:42:18,060

there done that my role was to attempt

1042

00:42:23,630 --> 00:42:20,220

to help Robert Oswald the brother of Lee

1043

00:42:24,430 --> 00:42:23,640

Harvey Oswald when a a crackpot named

1044

00:42:27,940 --> 00:42:24,440

eidos

1045

00:42:30,970 --> 00:42:27,950

a solicitor claimed that Oswald was an

1046

00:42:33,010 --> 00:42:30,980

Oswald his claim was that Oswald went to

1047

00:42:34,780 --> 00:42:33,020

Russia and the Russians did something

1048

00:42:37,030 --> 00:42:34,790

you know hit him away or killed him or

1049

00:42:39,579 --> 00:42:37,040

something got rid of Oswald and they

1050

00:42:42,970 --> 00:42:39,589

sent a look-alike back who was an

1051
00:42:46,510 --> 00:42:42,980
assassin now just stop for a moment and

1052
00:42:49,210 --> 00:42:46,520
think could the mother of Oswald have

1053
00:42:51,910 --> 00:42:49,220
been fooled by any imposter of course

1054
00:42:55,900 --> 00:42:51,920
not this is this is fantasy of the most

1055
00:42:57,460 --> 00:42:55,910
James Bondish silliness well although it

1056
00:43:00,460 --> 00:42:57,470
was a very interesting character in that

1057
00:43:02,349 --> 00:43:00,470
he's very few marines went to went to

1058
00:43:04,780 --> 00:43:02,359
Russia and left the country then came

1059
00:43:07,359 --> 00:43:04,790
back he's a very unusual character he's

1060
00:43:09,790 --> 00:43:07,369
that he's that but but just stick with

1061
00:43:11,800 --> 00:43:09,800
me so so we've got this that all I'm

1062
00:43:14,890 --> 00:43:11,810
dealing with is this with this one claim

1063
00:43:17,079 --> 00:43:14,900

of the Oswald is not Oswald Oswald is

1064

00:43:19,270 --> 00:43:17,089

not buried in Oswald's great and this

1065

00:43:21,099 --> 00:43:19,280

guy wanted Oswald dug up and Robert did

1066

00:43:23,700 --> 00:43:21,109

not want that to happen it was refusing

1067

00:43:26,079 --> 00:43:23,710

and then marina the widow of Lee Harvey

1068

00:43:27,940 --> 00:43:26,089

said well I called his bluff and she

1069

00:43:31,200 --> 00:43:27,950

said he could could do it and it caused

1070

00:43:34,870 --> 00:43:31,210

a rift in the family but I had tried to

1071

00:43:37,359 --> 00:43:34,880

enter into this and say look we can we

1072

00:43:40,180 --> 00:43:37,369

can determine already whether Oswald was

1073

00:43:42,880 --> 00:43:40,190

Oswald because the first of all the

1074

00:43:44,440 --> 00:43:42,890

fingerprints of course eidos said yeah

1075

00:43:46,420 --> 00:43:44,450

but they switched the fingerprints in

1076
00:43:48,220 --> 00:43:46,430
the file you see so he's got a game your

1077
00:43:49,960 --> 00:43:48,230
plan so I said okay here's here's how

1078
00:43:51,400 --> 00:43:49,970
you could do it if they dig him up and

1079
00:43:53,349 --> 00:43:51,410
use dental records he'll say they switch

1080
00:43:55,990 --> 00:43:53,359
the dental records here's what I'm going

1081
00:43:58,300 --> 00:43:56,000
to do and and I worked with a top expert

1082
00:44:00,910 --> 00:43:58,310
on this the human ear is very

1083
00:44:03,910 --> 00:44:00,920
distinctive no two are alike and we had

1084
00:44:06,849 --> 00:44:03,920
we checked we had excellent pictures of

1085
00:44:09,819 --> 00:44:06,859
the Dallas assassins at years when he

1086
00:44:11,980 --> 00:44:09,829
was in custody very good pictures and we

1087
00:44:14,740 --> 00:44:11,990
had Marine Corps pictures of Oswald that

1088
00:44:16,540 --> 00:44:14,750

edo's said were authentic Lee Oswald and

1089

00:44:18,309 --> 00:44:16,550

I had this expert compare them he said

1090

00:44:20,559 --> 00:44:18,319

it's the same man there's no question

1091

00:44:22,450 --> 00:44:20,569

about that they did so even if you found

1092

00:44:25,420 --> 00:44:22,460

someone with approximately the same

1093

00:44:28,089 --> 00:44:25,430

height as Oswald facial resemblance you

1094

00:44:30,099 --> 00:44:28,099

did plastic surgery his mother for

1095

00:44:32,230 --> 00:44:30,109

heaven's sakes wouldn't have been fooled

1096

00:44:34,030 --> 00:44:32,240

for 30 seconds she would have said oh

1097

00:44:35,190 --> 00:44:34,040

remember whatever and he would have had

1098

00:44:39,329 --> 00:44:35,200

a different

1099

00:44:40,710 --> 00:44:39,339

and so forth his did he and did end up

1100

00:44:44,480 --> 00:44:40,720

getting exhumed doesn't remember someone

1101

00:44:48,810 --> 00:44:44,490

did to do with the case so so the wife

1102

00:44:51,210 --> 00:44:48,820

allowed it he was exhumed they did use

1103

00:44:53,400 --> 00:44:51,220

dental records they also used a mess hi

1104

00:44:55,680 --> 00:44:53,410

dekhta me scar behind the ear that

1105

00:44:59,339 --> 00:44:55,690

Oswald had they found proof of that so

1106

00:45:01,410 --> 00:44:59,349

they they were able forensically to you

1107

00:45:03,690 --> 00:45:01,420

know reasonably but but if anybody was

1108

00:45:06,930 --> 00:45:03,700

interested and nobody was that we had

1109

00:45:09,510 --> 00:45:06,940

proved before that that Oswald was in

1110

00:45:12,750 --> 00:45:09,520

Oswald's grave because the ears matched

1111

00:45:14,970 --> 00:45:12,760

and you know Robert was my impression of

1112

00:45:20,400 --> 00:45:14,980

him talked to him a few times on the on

1113

00:45:23,910 --> 00:45:20,410

the phone a very nice fellow very very

1114

00:45:25,710 --> 00:45:23,920

much of the mold that well my life was

1115

00:45:28,109 --> 00:45:25,720

ruined by my brother assassinating the

1116

00:45:31,290 --> 00:45:28,119

president and I did my duty I buried him

1117

00:45:33,930 --> 00:45:31,300

and and by golly that's that's it for me

1118

00:45:36,510 --> 00:45:33,940

that leave me alone don't keep harassing

1119

00:45:39,839 --> 00:45:36,520

me because I had nothing to do with it

1120

00:45:42,960 --> 00:45:39,849

and I felt sorry for him and I think

1121

00:45:46,950 --> 00:45:42,970

that he was a much put-upon and very

1122

00:45:49,140 --> 00:45:46,960

decent fellow and that was any way that

1123

00:45:51,390 --> 00:45:49,150

that's pretty much i reviewed i reviewed

1124

00:45:54,000 --> 00:45:51,400

just for my own self some of the Kennedy

1125

00:45:56,520 --> 00:45:54,010

assassination material waiting with a

1126
00:45:58,740 --> 00:45:56,530
the gym amount of stuff well I met Jim

1127
00:46:01,410 --> 00:45:58,750
Marrs once on a talk show and Mars is

1128
00:46:03,990 --> 00:46:01,420
you know from the planet Mars as far as

1129
00:46:06,359 --> 00:46:04,000
I'm concerned he's a flake in cowboy

1130
00:46:09,240 --> 00:46:06,369
boots and and that is he grabbed on

1131
00:46:10,470 --> 00:46:09,250
dizzy are you saying he perhaps it has

1132
00:46:12,150 --> 00:46:10,480
information it's not there or

1133
00:46:16,319 --> 00:46:12,160
extrapolate stuff beyond what it's

1134
00:46:18,329 --> 00:46:16,329
possible it was hard to say what he just

1135
00:46:20,309 --> 00:46:18,339
seems to me a bit of an airhead he

1136
00:46:23,819 --> 00:46:20,319
doesn't seem to me someone who's a solid

1137
00:46:25,710 --> 00:46:23,829
thinker he what happens with the

1138
00:46:27,930 --> 00:46:25,720

conspiracy theorists as they poke around

1139

00:46:29,520 --> 00:46:27,940

and they they find a few discrepancies

1140

00:46:30,990 --> 00:46:29,530

and he try to convince you there's

1141

00:46:34,650 --> 00:46:31,000

something wrong well there are many

1142

00:46:37,349 --> 00:46:34,660

anomalies on that day yeah most of them

1143

00:46:39,300 --> 00:46:37,359

selected you see out of but but if you

1144

00:46:41,339 --> 00:46:39,310

if you're a real detective you're trying

1145

00:46:44,520 --> 00:46:41,349

to put pieces together of a puzzle that

1146

00:46:47,460 --> 00:46:44,530

fit and explain something so if you want

1147

00:46:48,260 --> 00:46:47,470

to criticize the the warren commission

1148

00:46:50,600 --> 00:46:48,270

and

1149

00:46:54,080 --> 00:46:50,610

well they had their super bullet theory

1150

00:46:56,090 --> 00:46:54,090

that did all this well actually the best

1151
00:46:57,230 --> 00:46:56,100
forensic evidence is that that's exactly

1152
00:46:59,720 --> 00:46:57,240
what happened it was a copper-jacketed

1153
00:47:01,490 --> 00:46:59,730
bullet so it didn't deform very much and

1154
00:47:04,010 --> 00:47:01,500
yes it went through two men spot is

1155
00:47:05,660 --> 00:47:04,020
nothing unusual tall about that and I've

1156
00:47:07,460 --> 00:47:05,670
been to the Book Depository and looked

1157
00:47:10,190 --> 00:47:07,470
out the window it's an easy shot in my

1158
00:47:11,720 --> 00:47:10,200
opinion but people want to say oh there

1159
00:47:13,850 --> 00:47:11,730
were extra shooters on the grassy knoll

1160
00:47:16,310 --> 00:47:13,860
a little bit so even a Z a shot from the

1161
00:47:18,710 --> 00:47:16,320
grassy knoll about well I don't think so

1162
00:47:20,780 --> 00:47:18,720
and I'll tell you I'll tell you why but

1163
00:47:22,430 --> 00:47:20,790

but first I want to make a point if

1164

00:47:24,770 --> 00:47:22,440

you're going to criticize the super

1165

00:47:26,720 --> 00:47:24,780

bullet you can't postulate extra

1166

00:47:28,970 --> 00:47:26,730

evaporating bullets that you don't have

1167

00:47:30,890 --> 00:47:28,980

to account for you can't just take some

1168

00:47:32,360 --> 00:47:30,900

other pieces of the puzzle and dazzle

1169

00:47:34,940 --> 00:47:32,370

them in front of people's eyes and

1170

00:47:37,190 --> 00:47:34,950

confuse them you have to okay you put

1171

00:47:39,620 --> 00:47:37,200

your pieces together and let's see how

1172

00:47:41,210 --> 00:47:39,630

corroborate if they are and then we'll

1173

00:47:44,060 --> 00:47:41,220

have something but the conspiracy

1174

00:47:47,600 --> 00:47:44,070

theorists never have a solid clear case

1175

00:47:49,610 --> 00:47:47,610

that they can point to and use Occam's

1176

00:47:51,800 --> 00:47:49,620

razor with they just have lots more

1177

00:47:53,600 --> 00:47:51,810

smoke and mirrors and they but they want

1178

00:47:55,430 --> 00:47:53,610

to convince you that well something's

1179

00:47:58,850 --> 00:47:55,440

wrong now here's the thing about the

1180

00:48:02,420 --> 00:47:58,860

shot I've stood on the grassy knoll but

1181

00:48:06,590 --> 00:48:02,430

you're shooting in any hunter I grew up

1182

00:48:09,170 --> 00:48:06,600

with guns we shot if if something is

1183

00:48:11,570 --> 00:48:09,180

moving in your field of vision from left

1184

00:48:13,460 --> 00:48:11,580

to right and you have to shoot you're

1185

00:48:16,100 --> 00:48:13,470

moving you're sweeping your gun and you

1186

00:48:18,590 --> 00:48:16,110

need to shoot a little ahead because it

1187

00:48:20,030 --> 00:48:18,600

to accommodate for the speed but what

1188

00:48:23,060 --> 00:48:20,040

was happening in the Book Depository

1189

00:48:25,400 --> 00:48:23,070

you're shooting down and all you're

1190

00:48:29,030 --> 00:48:25,410

doing is just gently moving your rifle

1191

00:48:31,250 --> 00:48:29,040

just slightly up as it's going away from

1192

00:48:35,780 --> 00:48:31,260

you it's a pretty direct and easy shot

1193

00:48:38,030 --> 00:48:35,790

it I looked at both places i would i

1194

00:48:41,120 --> 00:48:38,040

would take the oswal shot from the

1195

00:48:44,540 --> 00:48:41,130

window a 10 times over over a grassy

1196

00:48:47,270 --> 00:48:44,550

knoll but but but keep in mind where the

1197

00:48:48,410 --> 00:48:47,280

shell casings were where were they they

1198

00:48:50,060 --> 00:48:48,420

were in the book deposit were there any

1199

00:48:52,730 --> 00:48:50,070

shell casings of the grassy there were

1200

00:48:54,470 --> 00:48:52,740

not assassin would pick up his silk I

1201

00:48:57,860 --> 00:48:54,480

see your make that's making

1202

00:48:59,690 --> 00:48:57,870

rationalizations to defend a position

1203

00:49:01,970 --> 00:48:59,700

that's not ultimately defensible

1204

00:49:04,490 --> 00:49:01,980

defensible now furthermore

1205

00:49:07,960 --> 00:49:04,500

their people their pictures of this or

1206

00:49:10,310 --> 00:49:07,970

men the window below Oswald's window

1207

00:49:14,180 --> 00:49:10,320

leaning out the window watching the

1208

00:49:17,359 --> 00:49:14,190

parade the the motorcade and they heard

1209

00:49:19,280 --> 00:49:17,369

the bang bang bang from upstairs and

1210

00:49:24,109 --> 00:49:19,290

they heard the shell casings drop on the

1211

00:49:27,440 --> 00:49:24,119

floor they describe this and so we need

1212

00:49:30,230 --> 00:49:27,450

to account for three bullets and we can

1213

00:49:32,300 --> 00:49:30,240

and they traced Oswald whose hand print

1214

00:49:35,780 --> 00:49:32,310

was on the boxes his hand print was on

1215

00:49:38,890 --> 00:49:35,790

the gun a partial palm tree more than

1216

00:49:41,900 --> 00:49:38,900

enough more than enough a tiny little

1217

00:49:45,680 --> 00:49:41,910

half of the third of a fingerprint is

1218

00:49:47,810 --> 00:49:45,690

more than enough to get rich detail I

1219

00:49:52,820 --> 00:49:47,820

have fingerprint training so I know

1220

00:49:54,349 --> 00:49:52,830

where I've I speak and so we know Oswald

1221

00:49:56,540 --> 00:49:54,359

was there we know he brought in that

1222

00:49:58,280 --> 00:49:56,550

morning he brought in a long object

1223

00:50:00,490 --> 00:49:58,290

which he said was curtain rods no I

1224

00:50:03,620 --> 00:50:00,500

think we know now is a

1225

00:50:05,359 --> 00:50:03,630

mannlicher-carcano rifle and we know he

1226

00:50:07,430 --> 00:50:05,369

bought such a rifle we know he there

1227

00:50:09,170 --> 00:50:07,440

were pictures of him with right so the

1228

00:50:12,080 --> 00:50:09,180

conspiracy theorists are trying to

1229

00:50:14,030 --> 00:50:12,090

confuse and make up anything and each

1230

00:50:16,340 --> 00:50:14,040

one has a different theory and each book

1231

00:50:18,710 --> 00:50:16,350

that you read you think yeah boy that's

1232

00:50:20,150 --> 00:50:18,720

that's right they've really until you

1233

00:50:22,099 --> 00:50:20,160

read the next book and they've got a

1234

00:50:23,750 --> 00:50:22,109

whole different scenario and bunch of

1235

00:50:26,150 --> 00:50:23,760

smoke and mirrors you think oh yeah but

1236

00:50:29,359 --> 00:50:26,160

this time they really got it no no

1237

00:50:32,180 --> 00:50:29,369

actually Oswald is with Oswald and

1238

00:50:35,599 --> 00:50:32,190

Oswald shot those three shots we don't

1239

00:50:37,099 --> 00:50:35,609

need six or eight more shots because

1240

00:50:40,160 --> 00:50:37,109

where did those bullets go did they

1241

00:50:42,920 --> 00:50:40,170

evaporate you have to you have to get

1242

00:50:44,990 --> 00:50:42,930

serious about accounting for not just oh

1243

00:50:47,420 --> 00:50:45,000

the another bullet went through where

1244

00:50:51,170 --> 00:50:47,430

did that go and where is the evidence of

1245

00:50:53,599 --> 00:50:51,180

that bullet we can account for the three

1246

00:50:55,640 --> 00:50:53,609

shots Oswald fired and and they're well

1247

00:50:57,140 --> 00:50:55,650

accounted for and they only discrepancy

1248

00:50:59,359 --> 00:50:57,150

really if the Warren Report made a

1249

00:51:02,990 --> 00:50:59,369

serious error in some of that forensic

1250

00:51:06,200 --> 00:51:03,000

stuff the sequencing of the bullets one

1251
00:51:09,120 --> 00:51:06,210
missed and the exact order that has has

1252
00:51:11,609 --> 00:51:09,130
maybe maybe they were in error on that

1253
00:51:14,849 --> 00:51:11,619
but it's a small matter three shots were

1254
00:51:17,609 --> 00:51:14,859
fired quickly now how do you feel about

1255
00:51:19,349 --> 00:51:17,619
the house select committee in 1976 when

1256
00:51:21,480 --> 00:51:19,359
they brought down a finding that there

1257
00:51:22,740 --> 00:51:21,490
was more than one person involved and

1258
00:51:24,120 --> 00:51:22,750
that then that is the final official

1259
00:51:25,950 --> 00:51:24,130
report on look there what do you think

1260
00:51:27,839 --> 00:51:25,960
of the house select committee report in

1261
00:51:30,749 --> 00:51:27,849
76 because that kind of updated the

1262
00:51:32,609 --> 00:51:30,759
water report did it or not well they you

1263
00:51:35,160 --> 00:51:32,619

know they were they were suckered like

1264

00:51:37,710 --> 00:51:35,170

everybody else with all the the hoopla

1265

00:51:40,200 --> 00:51:37,720

and the fanfare and so forth and they

1266

00:51:42,960 --> 00:51:40,210

also bought into the acoustic evidence

1267

00:51:45,240 --> 00:51:42,970

that that there was sounds and that

1268

00:51:50,460 --> 00:51:45,250

always later discredited totally by the

1269

00:51:52,910 --> 00:51:50,470

FBI laboratory so really you come down

1270

00:51:55,289 --> 00:51:52,920

to oftentimes if you get enough

1271

00:51:57,720 --> 00:51:55,299

investigators and you get enough

1272

00:52:00,240 --> 00:51:57,730

personalities some of them are more

1273

00:52:02,339 --> 00:52:00,250

solid and good thinkers and some are a

1274

00:52:06,599 --> 00:52:02,349

little quicker to go off in never never

1275

00:52:10,200 --> 00:52:06,609

land and so I think it was a compromise

1276

00:52:13,920 --> 00:52:10,210

to to to say that there could have been

1277

00:52:15,920 --> 00:52:13,930

other persons involved even I mean it of

1278

00:52:19,079 --> 00:52:15,930

course would remain always a question

1279

00:52:21,390 --> 00:52:19,089

that Oswald might have had someone put

1280

00:52:23,910 --> 00:52:21,400

him up to it but now we're talking

1281

00:52:26,460 --> 00:52:23,920

something quite different if we if we

1282

00:52:29,220 --> 00:52:26,470

agree that Oswald did the shooting then

1283

00:52:30,329 --> 00:52:29,230

that's them we could reasonably say

1284

00:52:32,880 --> 00:52:30,339

could there have been someone else

1285

00:52:36,059 --> 00:52:32,890

behind him but even that doesn't doesn't

1286

00:52:38,309 --> 00:52:36,069

show up well Oswald was a weird and

1287

00:52:40,499 --> 00:52:38,319

disturbed guy if you were picking him

1288

00:52:44,220 --> 00:52:40,509

for your assassin you'd have to be an

1289

00:52:46,289 --> 00:52:44,230

idiot he for sure shot at general Walker

1290

00:52:50,220 --> 00:52:46,299

there's no question that at some time

1291

00:52:52,980 --> 00:52:50,230

before that a walker was shot at through

1292

00:52:57,390 --> 00:52:52,990

a window and we now know that Oswald did

1293

00:53:00,920 --> 00:52:57,400

that and you know he was out he was he

1294

00:53:03,150 --> 00:53:00,930

was the loose loose cannon out to shoot

1295

00:53:05,819 --> 00:53:03,160

people that he thought were right

1296

00:53:07,079 --> 00:53:05,829

wingers and and I won't even get into

1297

00:53:08,970 --> 00:53:07,089

the jack ruby stuff because that just

1298

00:53:11,640 --> 00:53:08,980

complicates it even further that doesn't

1299

00:53:13,799 --> 00:53:11,650

it right and as I say I have not made a

1300

00:53:17,460 --> 00:53:13,809

career of the Kennedy assassination you

1301

00:53:20,220 --> 00:53:17,470

would almost have to do that to to

1302

00:53:21,790 --> 00:53:20,230

really answer all the questions but if

1303

00:53:26,130 --> 00:53:21,800

people wanted to find out

1304

00:53:30,340 --> 00:53:26,140

out that they should they should read

1305

00:53:38,020 --> 00:53:30,350

Gerald Posner's book or Vincent Bugliosi

1306

00:53:40,420 --> 00:53:38,030

book those are recommended saying any

1307

00:53:44,620 --> 00:53:40,430

book is error-free or not you know they

1308

00:53:47,950 --> 00:53:44,630

got every absolute crumb of evidence

1309

00:53:51,550 --> 00:53:47,960

exactly perfectly but they so clearly

1310

00:53:53,980 --> 00:53:51,560

show and documentaries like a CBS

1311

00:53:57,280 --> 00:53:53,990

documentary and others have recreated

1312

00:54:00,790 --> 00:53:57,290

the gunshots from the from that angle

1313

00:54:02,830 --> 00:54:00,800

and and shown that that absolutely what

1314

00:54:04,270 --> 00:54:02,840

the conspiracy theorists told you that

1315

00:54:06,100 --> 00:54:04,280

it was a difficult shot no one could

1316

00:54:07,930 --> 00:54:06,110

shoot that fast not no one can shoot

1317

00:54:10,180 --> 00:54:07,940

that accurate the bullet would do this

1318

00:54:13,120 --> 00:54:10,190

or this none of that is true and has

1319

00:54:15,190 --> 00:54:13,130

been very well demonstrated people can

1320

00:54:17,620 --> 00:54:15,200

see that on these documentaries they

1321

00:54:19,960 --> 00:54:17,630

show up you know from from time to time

1322

00:54:22,180 --> 00:54:19,970

to replayed and they're very very

1323

00:54:24,850 --> 00:54:22,190

convincing and it's not all part of some

1324

00:54:28,720 --> 00:54:24,860

conspiracy to cover up something nobody

1325

00:54:30,580 --> 00:54:28,730

would have any trouble really with any

1326

00:54:32,950 --> 00:54:30,590

other scenario let's just round up

1327

00:54:37,060 --> 00:54:32,960

whoever they are and put him in prison

1328

00:54:39,340 --> 00:54:37,070

the idea that someone shooting from the

1329

00:54:42,340 --> 00:54:39,350

Book Depository could precisely at the

1330

00:54:44,200 --> 00:54:42,350

precise moment coordinate with someone

1331

00:54:46,900 --> 00:54:44,210

from the grassy knoll is pretty

1332

00:54:48,580 --> 00:54:46,910

ludicrous you and I couldn't do it would

1333

00:54:51,490 --> 00:54:48,590

you wait for me to fire in the new fire

1334

00:54:52,920 --> 00:54:51,500

quickly would you fire first and I fire

1335

00:54:56,320 --> 00:54:52,930

quickly would we have walkie-talkies

1336

00:54:58,600 --> 00:54:56,330

would nobody have any evidence of all

1337

00:55:01,270 --> 00:54:58,610

this the stock I guess if they were like

1338

00:55:02,650 --> 00:55:01,280

mafia type assassins that dead set up a

1339

00:55:03,820 --> 00:55:02,660

crossfire but what you do if you're

1340

00:55:06,790 --> 00:55:03,830

trying to get something wouldn't you

1341

00:55:08,620 --> 00:55:06,800

know what you would do is just what what

1342

00:55:10,630 --> 00:55:08,630

Oswald did you'd have a sitting duck

1343

00:55:13,570 --> 00:55:10,640

shot that you couldn't miss and you just

1344

00:55:16,360 --> 00:55:13,580

shoot and he got three shots off I was

1345

00:55:17,380 --> 00:55:16,370

very effective look a one more question

1346

00:55:21,010 --> 00:55:17,390

and i'll leave this because i don't want

1347

00:55:22,330 --> 00:55:21,020

to make it there the JFK show how do you

1348

00:55:23,770 --> 00:55:22,340

headed out how do you make up the fact

1349

00:55:25,180 --> 00:55:23,780

that he got to the coke machine so

1350

00:55:26,770 --> 00:55:25,190

quickly afterwards and looked relaxed

1351

00:55:30,100 --> 00:55:26,780

that's the one on what the fact i find

1352

00:55:35,079 --> 00:55:30,110

odd well i wasn't there with a stopwatch

1353

00:55:36,519 --> 00:55:35,089

were you right so i don't know

1354

00:55:38,140 --> 00:55:36,529

certainly been impressed a time or two

1355

00:55:43,269 --> 00:55:38,150

that something happened a lot faster

1356

00:55:45,160 --> 00:55:43,279

than I sure it did but but if we want to

1357

00:55:47,739 --> 00:55:45,170

go through the this what happened

1358

00:55:52,749 --> 00:55:47,749

afterwards just consider that Lee Harvey

1359

00:55:55,029 --> 00:55:52,759

Oswald to a certainty a fled the Book

1360

00:55:57,420 --> 00:55:55,039

Depository it's pretty much a sign of

1361

00:56:01,029 --> 00:55:57,430

guilt in any jurisdiction in any

1362

00:56:04,930 --> 00:56:01,039

detectives playbook and when accosted by

1363

00:56:07,269 --> 00:56:04,940

patrolman Tippett who halted him because

1364

00:56:10,180 --> 00:56:07,279

he looked like a fleeing fellow and and

1365

00:56:13,479 --> 00:56:10,190

and matched a description that he had

1366

00:56:16,180 --> 00:56:13,489

what happened Oswald shot him to death

1367

00:56:21,209 --> 00:56:16,190

on the street and fled into a movie

1368

00:56:25,059 --> 00:56:21,219

theater and people saw saw this so again

1369

00:56:27,880 --> 00:56:25,069

really what's the people's problem with

1370

00:56:30,009 --> 00:56:27,890

every single incriminating thing that

1371

00:56:32,200 --> 00:56:30,019

Lee Harvey Oswald did and it's an

1372

00:56:34,180 --> 00:56:32,210

impressive list of which I have only

1373

00:56:37,359 --> 00:56:34,190

begun to get started listing all that he

1374

00:56:40,029 --> 00:56:37,369

did what is it about these people that

1375

00:56:42,099 --> 00:56:40,039

want to excuse this and rationalize that

1376
00:56:44,289 --> 00:56:42,109
we have another explanation for that and

1377
00:56:46,150 --> 00:56:44,299
we just don't want to believe it when

1378
00:56:49,509 --> 00:56:46,160
the simple is that you know an

1379
00:56:51,940 --> 00:56:49,519
intelligent person can look at this and

1380
00:56:54,400 --> 00:56:51,950
say well if it looks like an assassin

1381
00:56:56,380 --> 00:56:54,410
acts like an assassin and has palm

1382
00:56:57,670 --> 00:56:56,390
prints and please and shoots two

1383
00:57:01,420 --> 00:56:57,680
different you know maybe he's an

1384
00:57:03,579 --> 00:57:01,430
assassin it just boggles my mind that

1385
00:57:06,700 --> 00:57:03,589
there are people who in spite of this

1386
00:57:09,130 --> 00:57:06,710
impressive evidence insist on believing

1387
00:57:10,509 --> 00:57:09,140
something to the contrary and you have

1388
00:57:13,959 --> 00:57:10,519

to wonder whether there's something

1389

00:57:16,930 --> 00:57:13,969

fundamentally wrong with their thinking

1390

00:57:22,900 --> 00:57:16,940

process or whether they have some really

1391

00:57:25,359 --> 00:57:22,910

anti American government agenda that was

1392

00:57:28,269 --> 00:57:25,369

pop one of main odds interview with Joe

1393

00:57:31,420 --> 00:57:28,279

Nickell next week tune in for part two

1394

00:57:33,759 --> 00:57:31,430

where Joe will be discussing more about

1395

00:57:37,150 --> 00:57:33,769

conspiracy theories the Shroud of Turin

1396

00:57:40,450 --> 00:57:37,160

and how to investigate mysteries also

1397

00:57:43,209 --> 00:57:40,460

some UFO abductions that'll be next week

1398

00:57:59,290 --> 00:57:43,219

with part two may not chatting to Joe

1399

00:58:03,080 --> 00:58:01,640

thanks for listening to the skeptic zone

1400

00:58:05,990 --> 00:58:03,090

and thank you Joe Nickell for that

1401
00:58:08,720 --> 00:58:06,000
wonderful interview part one part one

1402
00:58:10,790 --> 00:58:08,730
more to come with Maynard part two is

1403
00:58:12,890 --> 00:58:10,800
next week and thank you to Joe for your

1404
00:58:15,500 --> 00:58:12,900
report too and thank you to all the

1405
00:58:17,660 --> 00:58:15,510
people who helped put together the

1406
00:58:20,200 --> 00:58:17,670
convention in Brisbane on last weekend

1407
00:58:23,090 --> 00:58:20,210
last weekend Wow it was fantastic

1408
00:58:26,410 --> 00:58:23,100
everybody who went enjoyed it the lineup

1409
00:58:28,940 --> 00:58:26,420
was just superb what a great lot of a

1410
00:58:31,370 --> 00:58:28,950
skeptical speakers all in the same venue

1411
00:58:33,080 --> 00:58:31,380
the venue itself was very nice indeed we

1412
00:58:35,720 --> 00:58:33,090
really enjoyed that the garland dinner

1413
00:58:38,480 --> 00:58:35,730

was fun great effort Brisbane skeptics

1414

00:58:40,460 --> 00:58:38,490

great effort indeed so on next week's

1415

00:58:43,610 --> 00:58:40,470

show more from the convention more from

1416

00:58:47,150 --> 00:58:43,620

Joe Nickell and well whatever else we

1417

00:58:49,430 --> 00:58:47,160

can scrounge together but for this week

1418

00:58:55,970 --> 00:58:49,440

this is Richard Saunders signing off

1419

00:58:57,640 --> 00:58:55,980

from Sydney Australia you've been

1420

00:59:01,130 --> 00:58:57,650

listening to the sceptics own podcast

1421

00:59:04,250 --> 00:59:01,140

visit our website at wwc a petting zoo

1422

00:59:08,090 --> 00:59:04,260

TV for contacts an archive of all

1423

00:59:10,400 --> 00:59:08,100

episodes since 2008 and our online store

1424

00:59:13,120 --> 00:59:10,410

please support the skeptic zone by

1425

00:59:16,130 --> 00:59:13,130

following us on twitter at skeptic zone

1426

00:59:19,190 --> 00:59:16,140

liking us on facebook and leaving a

1427

00:59:22,040 --> 00:59:19,200

review on iTunes you can also show your

1428

00:59:25,520 --> 00:59:22,050

support by subscribing via paypal for as

1429

00:59:27,860 --> 00:59:25,530

little as 99 cents a week the skeptic

1430

00:59:29,570 --> 00:59:27,870

zone is an independent production the

1431

00:59:31,640 --> 00:59:29,580

views and opinions expressed on the

1432

00:59:34,330 --> 00:59:31,650

skeptic zone and not necessarily those

1433

00:59:56,470 --> 00:59:34,340

of Australian skeptically or any other

1434

01:00:13,660 --> 01:00:02,540

what do you want hmm what is it yo seno

1435

01:00:28,359 --> 01:00:23,170

come on hey you are not good enough for

1436

01:00:39,280 --> 01:00:28,369

you try the other champion come on how

1437

01:00:59,780 --> 01:00:42,560

yeah go a few pop up yeah help up there