

Episode **680**

THE SKEPTIC ZONE PODCAST

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The Skeptic Zone Podcast
Episode 680 - 17 October 2021



Dr Karl Kruszelnicki

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Tim Mendham

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Richard Saunders

Dr Karl Kruszelnicki
TikTok - COVID - Advertising

The Book of Tim

Interview with
Tim Mendham

TROVE
UFO and Aliens

1
00:00:13,940 --> 00:00:09,190
welcome to the skeptic zone the podcast

2
00:00:16,840 --> 00:00:13,950
from australia for science and reason

3
00:00:23,509 --> 00:00:16,850
[Applause]

4
00:00:25,670 --> 00:00:23,519
[Music]

5
00:00:28,150 --> 00:00:25,680
yes it's the skeptic zone podcast

6
00:00:30,310 --> 00:00:28,160
episode number 680 for the 17th of

7
00:00:32,389 --> 00:00:30,320
october 2021

8
00:00:34,709 --> 00:00:32,399
richard saunders here coming to you from

9
00:00:37,590 --> 00:00:34,719
sydney australia

10
00:00:39,030 --> 00:00:37,600
just about one week since the lockdown

11
00:00:42,950 --> 00:00:39,040
was lifted

12
00:00:47,110 --> 00:00:42,960
and we have so-called freedom and so far

13
00:00:49,270 --> 00:00:47,120

so far it's encouraging the

14

00:00:52,069 --> 00:00:49,280

numbers of infections reported

15

00:00:53,430 --> 00:00:52,079

infections haven't gone up just yet

16

00:00:54,709 --> 00:00:53,440

we'll have to give it another week or

17

00:00:56,950 --> 00:00:54,719

two to see

18

00:00:58,790 --> 00:00:56,960

how that really goes but just yesterday

19

00:01:03,270 --> 00:00:58,800

the government announced that this state

20

00:01:05,350 --> 00:01:03,280

had reached 80 percent 80 double vaxxed

21

00:01:06,789 --> 00:01:05,360

so that's not a bad thing

22

00:01:08,950 --> 00:01:06,799

and that just brings home the reason

23

00:01:12,390 --> 00:01:08,960

that this state has now

24

00:01:13,830 --> 00:01:12,400

gone into a uh a state of some freedom

25

00:01:15,429 --> 00:01:13,840

is because people went out and got

26

00:01:17,990 --> 00:01:15,439

vaccinated

27

00:01:20,789 --> 00:01:18,000

which is quite ironic because of all the

28

00:01:23,030 --> 00:01:20,799

people screaming freedom and marching

29

00:01:25,749 --> 00:01:23,040

with signs and yelling and shouting and

30

00:01:27,030 --> 00:01:25,759

causing trouble and

31

00:01:28,870 --> 00:01:27,040

everything else

32

00:01:31,109 --> 00:01:28,880

demanding freedom

33

00:01:33,109 --> 00:01:31,119

well all they had to do was go to the

34

00:01:35,590 --> 00:01:33,119

vaccination clinic and roll up their

35

00:01:37,670 --> 00:01:35,600

sleeves and freedom would have come that

36

00:01:39,510 --> 00:01:37,680

little bit quicker for them

37

00:01:40,390 --> 00:01:39,520

but what's coming up on today's show we

38

00:01:42,789 --> 00:01:40,400

have

39

00:01:44,870 --> 00:01:42,799

part one of a two-part interview with dr

40

00:01:46,310 --> 00:01:44,880

karl kruzelniski

41

00:01:48,149 --> 00:01:46,320

and you never know what you're going to

42

00:01:50,149 --> 00:01:48,159

get with dr carl

43

00:01:51,270 --> 00:01:50,159

i have i've known carl now for many

44

00:01:53,190 --> 00:01:51,280

years

45

00:01:54,870 --> 00:01:53,200

always a pleasure to catch up with

46

00:01:57,990 --> 00:01:54,880

australia's foremost science

47

00:02:00,469 --> 00:01:58,000

communicator and today in part one

48

00:02:03,590 --> 00:02:00,479

dr carl will talk about

49

00:02:04,990 --> 00:02:03,600

his activities on tick-tock

50

00:02:07,990 --> 00:02:05,000

and

51
00:02:11,110 --> 00:02:08,000
anti-vaccination conspiracy theorists

52
00:02:14,390 --> 00:02:11,120
and how social media companies

53
00:02:16,390 --> 00:02:14,400
manipulate you to click links

54
00:02:18,550 --> 00:02:16,400
for advertising dollars

55
00:02:20,229 --> 00:02:18,560
and lots of other things as well

56
00:02:21,670 --> 00:02:20,239
including

57
00:02:23,350 --> 00:02:21,680
snipers

58
00:02:24,630 --> 00:02:23,360
following that it's the return of the

59
00:02:26,790 --> 00:02:24,640
book of tim

60
00:02:28,949 --> 00:02:26,800
with tim mendom

61
00:02:31,110 --> 00:02:28,959
since the lockdown has lifted and we

62
00:02:33,190 --> 00:02:31,120
have some freedom back tim was able to

63
00:02:34,550 --> 00:02:33,200

jump into his car drive over to the

64

00:02:37,589 --> 00:02:34,560

studios here

65

00:02:40,550 --> 00:02:37,599

and record a uh oh quite a lot of the

66

00:02:42,790 --> 00:02:40,560

book of tim for the next few weeks

67

00:02:44,070 --> 00:02:42,800

and not only do you get the book of tim

68

00:02:47,030 --> 00:02:44,080

which is about

69

00:02:48,470 --> 00:02:47,040

charles ludwig dodson otherwise known as

70

00:02:50,710 --> 00:02:48,480

lewis carroll

71

00:02:52,550 --> 00:02:50,720

but i interviewed tim as well

72

00:02:54,710 --> 00:02:52,560

then to round off the show it's a dive

73

00:02:56,710 --> 00:02:54,720

back into the trove archives and a

74

00:02:58,869 --> 00:02:56,720

classic of skepticism of course we've

75

00:03:00,309 --> 00:02:58,879

covered this before but i've found some

76

00:03:02,550 --> 00:03:00,319

new material

77

00:03:06,309 --> 00:03:02,560

there's endless material about this

78

00:03:09,190 --> 00:03:06,319

ufos and aliens including

79

00:03:12,869 --> 00:03:09,200

the recounting of a story where a couple

80

00:03:15,030 --> 00:03:12,879

of norwegian women were frightened

81

00:03:17,830 --> 00:03:15,040

by an alien

82

00:03:18,869 --> 00:03:17,840

i always find late october a bit strange

83

00:03:20,550 --> 00:03:18,879

you know

84

00:03:22,390 --> 00:03:20,560

the days are changing it's getting

85

00:03:24,229 --> 00:03:22,400

warmer i can feel summer i can feel

86

00:03:26,309 --> 00:03:24,239

spring and summer coming

87

00:03:29,110 --> 00:03:26,319

which is good and bad that's the

88

00:03:30,470 --> 00:03:29,120

humidity i don't like but i don't mind

89

00:03:32,710 --> 00:03:30,480

i don't mind

90

00:03:35,910 --> 00:03:32,720

the odd rainy day

91

00:03:39,670 --> 00:03:35,920

maybe you like rainy days too

92

00:03:42,229 --> 00:03:39,680

we had a huge storm come through

93

00:03:43,430 --> 00:03:42,239

sydney a few days ago

94

00:03:45,830 --> 00:03:43,440

it was

95

00:03:47,589 --> 00:03:45,840

one of those monumental once or twice a

96

00:03:50,149 --> 00:03:47,599

year storms

97

00:03:52,580 --> 00:03:50,159

and i ran out with my recorder and this

98

00:03:57,730 --> 00:03:52,590

is what i recorded

99

00:03:57,740 --> 00:04:03,830

[Music]

100

00:04:07,190 --> 00:04:05,190

but that's enough

101
00:04:10,390 --> 00:04:07,200
from me at the moment it's time for me

102
00:04:13,030 --> 00:04:10,400
to run downstairs have some

103
00:04:15,990 --> 00:04:13,040
some chicken

104
00:04:19,110 --> 00:04:16,000
and cauliflower soup

105
00:04:21,509 --> 00:04:19,120
with a bit of pumpkin

106
00:04:23,780 --> 00:04:21,519
while i do that i hope you enjoy

107
00:04:45,909 --> 00:04:23,790
this skeptic zone

108
00:04:47,749 --> 00:04:45,919
[Music]

109
00:04:49,350 --> 00:04:47,759
by the way in sniper work

110
00:04:51,590 --> 00:04:49,360
um the way they do it when they're

111
00:04:54,469 --> 00:04:51,600
shooting through glass

112
00:04:55,350 --> 00:04:54,479
is that they have two snipers yeah

113
00:05:01,270 --> 00:04:55,360

and

114

00:05:03,430 --> 00:05:01,280

sniper fires the bullet on the w of one

115

00:05:06,870 --> 00:05:03,440

and the second sniper fires it on the

116

00:05:08,150 --> 00:05:06,880

end of one really so the second bullet

117

00:05:09,749 --> 00:05:08,160

goes

118

00:05:12,469 --> 00:05:09,759

through empty space whereas the first

119

00:05:14,790 --> 00:05:12,479

bullet has to push through glass and

120

00:05:15,909 --> 00:05:14,800

surprisingly bullets can be diverted by

121

00:05:17,670 --> 00:05:15,919

glass

122

00:05:19,270 --> 00:05:17,680

you know they can go a little bit off

123

00:05:21,110 --> 00:05:19,280

yeah so

124

00:05:22,390 --> 00:05:21,120

that's how they do it so they

125

00:05:25,510 --> 00:05:22,400

they are that's my little story about

126

00:05:27,749 --> 00:05:25,520

snipers and the w of one okay so the

127

00:05:29,590 --> 00:05:27,759

first bullet does the shattering and any

128

00:05:31,590 --> 00:05:29,600

deflection is accounted for then the

129

00:05:33,990 --> 00:05:31,600

second bullet has a clean

130

00:05:37,110 --> 00:05:34,000

uh clean space to travel through

131

00:05:38,550 --> 00:05:37,120

yeah you usually the first bullet would

132

00:05:39,670 --> 00:05:38,560

in most cases

133

00:05:42,070 --> 00:05:39,680

just go straight through the glass and

134

00:05:44,469 --> 00:05:42,080

hit the victim yeah but occasionally the

135

00:05:47,110 --> 00:05:44,479

glass can deflect it yeah where on earth

136

00:05:51,029 --> 00:05:47,120

did you pick up that little tidbit from

137

00:05:53,110 --> 00:05:51,039

uh i was doing a story on snipers about

138

00:05:55,510 --> 00:05:53,120

15 books ago

139

00:05:58,469 --> 00:05:55,520

and i got deep into the whole

140

00:06:01,510 --> 00:05:58,479

sniper ethos and then ended up in some

141

00:06:03,749 --> 00:06:01,520

pages where some ex-snipers were talking

142

00:06:07,110 --> 00:06:03,759

about their work and how they were doing

143

00:06:09,270 --> 00:06:07,120

it and talk about great and snipers in

144

00:06:10,710 --> 00:06:09,280

history by the way for those who are not

145

00:06:13,189 --> 00:06:10,720

entirely up to date a sniper is somebody

146

00:06:15,430 --> 00:06:13,199

who has a long range rifle

147

00:06:17,430 --> 00:06:15,440

and something like the browning 50

148

00:06:19,990 --> 00:06:17,440

caliber can punch a bullet three

149

00:06:21,670 --> 00:06:20,000

kilometers and let that 50 caliber and

150

00:06:23,189 --> 00:06:21,680

at that range you can punch a hole

151
00:06:25,430 --> 00:06:23,199
through a brick wall wow three

152
00:06:26,790 --> 00:06:25,440
kilometers three kilometers but that's

153
00:06:28,870 --> 00:06:26,800
yeah but

154
00:06:30,390 --> 00:06:28,880
the wind can you know just a gentle wind

155
00:06:32,070 --> 00:06:30,400
can push it off so they have a little

156
00:06:34,150 --> 00:06:32,080
anemometer with them and by the way the

157
00:06:37,189 --> 00:06:34,160
word anemometer that's one of those

158
00:06:40,230 --> 00:06:37,199
things with the four spinning cups uh it

159
00:06:42,629 --> 00:06:40,240
gets its name from animus meaning life

160
00:06:45,909 --> 00:06:42,639
and so it spins it shows you the life of

161
00:06:48,710 --> 00:06:45,919
the wind wow another interesting fact

162
00:06:50,950 --> 00:06:48,720
about bullets which i i heard about and

163
00:06:52,710 --> 00:06:50,960

then i saw on the tv program mythbusters

164

00:06:54,790 --> 00:06:52,720

if when when somebody fires a bullet

165

00:06:56,950 --> 00:06:54,800

from a gun and somebody drops a bullet

166

00:06:58,469 --> 00:06:56,960

at at the same location straight down

167

00:07:00,230 --> 00:06:58,479

they both hit the ground at the same

168

00:07:01,510 --> 00:07:00,240

time because of the the effects of

169

00:07:05,110 --> 00:07:01,520

gravity

170

00:07:07,350 --> 00:07:05,120

yeah uh isn't physics wonderful

171

00:07:10,070 --> 00:07:07,360

folks we could go on and on like this

172

00:07:11,990 --> 00:07:10,080

all day i'm with dr karl kruselniski

173

00:07:13,830 --> 00:07:12,000

carl very good to see you again i mean

174

00:07:16,629 --> 00:07:13,840

this pandemic has played mary hell with

175

00:07:18,550 --> 00:07:16,639

us with us all of course normally

176
00:07:20,629 --> 00:07:18,560
once or twice a year it was my pleasure

177
00:07:21,830 --> 00:07:20,639
to come in and visit with you at the abc

178
00:07:24,950 --> 00:07:21,840
while you're doing your various

179
00:07:26,390 --> 00:07:24,960
worldwide radio hookups which i enjoy

180
00:07:28,870 --> 00:07:26,400
greatly sort of sitting there in the

181
00:07:31,189 --> 00:07:28,880
studio and having a good time with you

182
00:07:33,270 --> 00:07:31,199
this year must be very different for you

183
00:07:35,749 --> 00:07:33,280
personally with uh all the the changes

184
00:07:37,990 --> 00:07:35,759
that we've all had to um cope with um

185
00:07:41,430 --> 00:07:38,000
yes i was lucky in the sense that i had

186
00:07:44,790 --> 00:07:41,440
managed to before the pandemic hit um

187
00:07:48,469 --> 00:07:44,800
set up an emergency system from home so

188
00:07:50,950 --> 00:07:48,479

i have an app on my phone

189

00:07:52,790 --> 00:07:50,960

which then dials into

190

00:07:54,230 --> 00:07:52,800

the radio station

191

00:07:55,270 --> 00:07:54,240

the trouble with having the app on the

192

00:07:56,790 --> 00:07:55,280

phone

193

00:07:58,150 --> 00:07:56,800

is that if you're going to dial into the

194

00:07:59,830 --> 00:07:58,160

radio radio station you've got to do

195

00:08:02,790 --> 00:07:59,840

that via the internet if it's a phone

196

00:08:05,589 --> 00:08:02,800

it's going to do it by wi-fi and wi-fi

197

00:08:07,510 --> 00:08:05,599

unfortunately every 5-10 minutes logs

198

00:08:09,830 --> 00:08:07,520

into the base station and says hi i'm

199

00:08:11,749 --> 00:08:09,840

kyle's phone the base station says yeah

200

00:08:13,670 --> 00:08:11,759

i see your car's phone hello and during

201
00:08:15,189 --> 00:08:13,680
that time you lose signal for a bit so i

202
00:08:17,270 --> 00:08:15,199
had to buy an adapter for a hundred and

203
00:08:19,510 --> 00:08:17,280
fifty dollars that would let me put

204
00:08:21,990 --> 00:08:19,520
ethernet cable straight into the phone

205
00:08:23,670 --> 00:08:22,000
really so now i've got my yes and now

206
00:08:25,510 --> 00:08:23,680
the the abbings is only for the phone so

207
00:08:27,589 --> 00:08:25,520
now i've got myself a robust system but

208
00:08:29,589 --> 00:08:27,599
then to keep the phone charged i was

209
00:08:32,790 --> 00:08:29,599
just charging it with a little battery

210
00:08:34,230 --> 00:08:32,800
eliminator thing and then i was

211
00:08:35,750 --> 00:08:34,240
going through the abc people they said

212
00:08:38,310 --> 00:08:35,760
look you know i think i can hear a bit

213
00:08:40,389 --> 00:08:38,320

of a hum and so i end up going for a

214

00:08:41,909 --> 00:08:40,399

battery an external battery

215

00:08:44,230 --> 00:08:41,919

to keep the phone alive during a whole

216

00:08:46,550 --> 00:08:44,240

day's work and then the signal goes in

217

00:08:48,710 --> 00:08:46,560

over the internet and i had it all set

218

00:08:51,430 --> 00:08:48,720

up beforehand

219

00:08:53,590 --> 00:08:51,440

and luckily for me when the

220

00:08:55,670 --> 00:08:53,600

pandemic hit i was able to transition

221

00:08:57,110 --> 00:08:55,680

into doing that permanently with very

222

00:08:59,269 --> 00:08:57,120

little mucking around whereas other

223

00:09:01,110 --> 00:08:59,279

people have to go in into the whole

224

00:09:02,550 --> 00:09:01,120

i have to buy a mixing desk how do i set

225

00:09:04,310 --> 00:09:02,560

up the mix minus one where do i get a

226

00:09:06,230 --> 00:09:04,320

microphone from i've already gone

227

00:09:07,670 --> 00:09:06,240

through that in advance how about you

228

00:09:09,750 --> 00:09:07,680

how did things affect you doing the

229

00:09:11,750 --> 00:09:09,760

pandemic uh professionally with regard

230

00:09:13,350 --> 00:09:11,760

to recording and so forth not not a

231

00:09:14,790 --> 00:09:13,360

great deal as a matter of fact because

232

00:09:17,110 --> 00:09:14,800

i've been using the the little home

233

00:09:18,630 --> 00:09:17,120

studio here for many many many well well

234

00:09:20,230 --> 00:09:18,640

over a decade and

235

00:09:21,829 --> 00:09:20,240

you're i know you're familiar with some

236

00:09:22,949 --> 00:09:21,839

of the equipment i use including the

237

00:09:25,030 --> 00:09:22,959

zoom

238

00:09:27,350 --> 00:09:25,040

h6 handy recorder which has all sorts of

239

00:09:29,190 --> 00:09:27,360

xlr inputs and i can adjust the levels

240

00:09:32,230 --> 00:09:29,200

that's what i'm using at the moment

241

00:09:34,230 --> 00:09:32,240

and we're hooking up via the um

242

00:09:36,630 --> 00:09:34,240

the zoom video conferencing system which

243

00:09:38,710 --> 00:09:36,640

is the different from the zoom handy

244

00:09:41,509 --> 00:09:38,720

recorders ah they have both have the

245

00:09:43,350 --> 00:09:41,519

same name you said double o m but one is

246

00:09:45,509 --> 00:09:43,360

a bunch of little

247

00:09:47,430 --> 00:09:45,519

handheld digital recorders that can

248

00:09:48,870 --> 00:09:47,440

record either two four five or six

249

00:09:50,710 --> 00:09:48,880

channels or whatever yeah and the other

250

00:09:52,790 --> 00:09:50,720

one refers to the video conferencing

251
00:09:53,990 --> 00:09:52,800
application now now seeing how we're not

252
00:09:56,070 --> 00:09:54,000
talking about anything can i just get my

253
00:09:57,030 --> 00:09:56,080
little whinge off the chest yeah here it

254
00:09:59,350 --> 00:09:57,040
comes

255
00:10:00,790 --> 00:09:59,360
mate what's with these people

256
00:10:01,590 --> 00:10:00,800
who

257
00:10:03,190 --> 00:10:01,600
just

258
00:10:04,870 --> 00:10:03,200
positioned the camera so that there's a

259
00:10:06,470 --> 00:10:04,880
bright window behind them and they're in

260
00:10:07,829 --> 00:10:06,480
silhouette and when you say i can't see

261
00:10:08,790 --> 00:10:07,839
your face they say

262
00:10:13,269 --> 00:10:08,800
ah

263
00:10:14,470 --> 00:10:13,279

we've been doing video

264

00:10:15,509 --> 00:10:14,480

conferencing for the last year we're

265

00:10:16,550 --> 00:10:15,519

going to be doing for the rest of our

266

00:10:18,310 --> 00:10:16,560

lives

267

00:10:20,470 --> 00:10:18,320

don't you realize that you get a light

268

00:10:22,710 --> 00:10:20,480

and you put on a face i said well i i i

269

00:10:25,030 --> 00:10:22,720

haven't got a lot and i said you can buy

270

00:10:27,190 --> 00:10:25,040

one for money yes yes

271

00:10:28,389 --> 00:10:27,200

well look i mean i know you can see the

272

00:10:30,069 --> 00:10:28,399

listeners can't see what i'm doing but

273

00:10:31,750 --> 00:10:30,079

i'm just showing dr cole my little desk

274

00:10:33,430 --> 00:10:31,760

light here which is a ring light there

275

00:10:35,190 --> 00:10:33,440

we are ah

276

00:10:35,910 --> 00:10:35,200

ten dollars

277

00:10:37,670 --> 00:10:35,920

okay

278

00:10:40,470 --> 00:10:37,680

so for the audience i'll give you the

279

00:10:41,750 --> 00:10:40,480

three laws of lighting and here they are

280

00:10:45,190 --> 00:10:41,760

in three words

281

00:10:47,030 --> 00:10:45,200

back spot fill max back spot

282

00:10:48,230 --> 00:10:47,040

phil there's a comma in between one

283

00:10:50,389 --> 00:10:48,240

so back you've got some sort of

284

00:10:52,069 --> 00:10:50,399

backlight which gives you a bit of a

285

00:10:53,750 --> 00:10:52,079

glow around your hair and if you get a

286

00:10:55,269 --> 00:10:53,760

wind machine going at the same time you

287

00:10:57,350 --> 00:10:55,279

can exercise your riding on a horse at

288

00:10:59,110 --> 00:10:57,360

high speed right so that you have a bit

289

00:11:01,430 --> 00:10:59,120

of a back light or some sort of you do

290

00:11:03,110 --> 00:11:01,440

have some lighting behind you not zero

291

00:11:05,430 --> 00:11:03,120

but just a little bit and then you have

292

00:11:07,269 --> 00:11:05,440

a spotlight on your face and the ring

293

00:11:08,949 --> 00:11:07,279

lights are really good and for 50 bucks

294

00:11:10,710 --> 00:11:08,959

it's amazing you can buy a light which

295

00:11:12,069 --> 00:11:10,720

is a ring light a big diffused ring

296

00:11:15,190 --> 00:11:12,079

light and

297

00:11:17,269 --> 00:11:15,200

it's variable in brightness with a knob

298

00:11:19,269 --> 00:11:17,279

yes and variable in color temperature

299

00:11:21,110 --> 00:11:19,279

with a knob and it's got a tripod and

300

00:11:23,509 --> 00:11:21,120

it's 50 bucks oh my god what's not to

301
00:11:25,509 --> 00:11:23,519
like and people say oh

302
00:11:27,430 --> 00:11:25,519
how do i adjust the light on my face you

303
00:11:28,949 --> 00:11:27,440
go and buy a light you do okay i've got

304
00:11:30,230 --> 00:11:28,959
the widge off my chest

305
00:11:31,590 --> 00:11:30,240
and then you've got this you've got the

306
00:11:33,190 --> 00:11:31,600
back light you've got the spotlight and

307
00:11:34,470 --> 00:11:33,200
you've got two little fills maybe one

308
00:11:36,069 --> 00:11:34,480
off to the left one and off the right

309
00:11:37,509 --> 00:11:36,079
and here's some advice

310
00:11:39,269 --> 00:11:37,519
get the ones

311
00:11:40,870 --> 00:11:39,279
they don't have to be powerful but just

312
00:11:43,350 --> 00:11:40,880
get the ones that are rechargeable via

313
00:11:44,310 --> 00:11:43,360

usb so each time you've used one for a

314

00:11:45,509 --> 00:11:44,320

session

315

00:11:46,949 --> 00:11:45,519

if it's got a battery in it you just

316

00:11:49,269 --> 00:11:46,959

charge it up again the trouble with the

317

00:11:51,350 --> 00:11:49,279

battery ones is that sometimes they can

318

00:11:52,949 --> 00:11:51,360

cause a rolling image which is far too

319

00:11:54,389 --> 00:11:52,959

much technical detail for the audience

320

00:11:56,629 --> 00:11:54,399

to know about so we should maybe drop

321

00:11:57,750 --> 00:11:56,639

this because what happens is that if

322

00:11:59,190 --> 00:11:57,760

you've got one that's powered off the

323

00:12:01,509 --> 00:11:59,200

mains

324

00:12:04,710 --> 00:12:01,519

the light is on it's just on yeah 24

325

00:12:07,190 --> 00:12:04,720

hours a day but with the battery-powered

326

00:12:09,829 --> 00:12:07,200

ones often to save power they'll switch

327

00:12:11,590 --> 00:12:09,839

them on and off so quickly that you

328

00:12:13,350 --> 00:12:11,600

can't see them switching on and off like

329

00:12:16,310 --> 00:12:13,360

a movie right and so they'll switch them

330

00:12:17,829 --> 00:12:16,320

on and off 50 times a second yeah and so

331

00:12:20,470 --> 00:12:17,839

in each second they're actually only

332

00:12:22,069 --> 00:12:20,480

burning electricity for half a second

333

00:12:24,550 --> 00:12:22,079

sure there's a bit of an overhead in the

334

00:12:27,110 --> 00:12:24,560

electronics to you know to make that

335

00:12:29,190 --> 00:12:27,120

happen but they're basically using half

336

00:12:31,670 --> 00:12:29,200

the power and if that frequency happens

337

00:12:33,590 --> 00:12:31,680

to match up with the scanning frequency

338

00:12:34,790 --> 00:12:33,600

of your camera you can then get rolling

339

00:12:37,509 --> 00:12:34,800

bands it took me a while to work that

340

00:12:39,269 --> 00:12:37,519

one out we and we want to avoid that but

341

00:12:41,269 --> 00:12:39,279

but i'll just leave this topic by saying

342

00:12:43,750 --> 00:12:41,279

folks i picked up a

343

00:12:46,069 --> 00:12:43,760

i i i've used ring lights for for some

344

00:12:47,269 --> 00:12:46,079

years now for various professional

345

00:12:49,110 --> 00:12:47,279

video shoots and things like that but

346

00:12:52,150 --> 00:12:49,120

i've got a desk one now

347

00:12:54,389 --> 00:12:52,160

which has two uh stalks flexible stalks

348

00:12:56,470 --> 00:12:54,399

one has the the light which is

349

00:12:59,670 --> 00:12:56,480

adjustable and the other stalk has a

350

00:13:01,350 --> 00:12:59,680

little mounting for my um my phone so i

351

00:13:03,910 --> 00:13:01,360

can easily make and this is a great

352

00:13:05,829 --> 00:13:03,920

segue folks here it comes i can easily

353

00:13:08,389 --> 00:13:05,839

make tick-tock videos which i'm just

354

00:13:10,310 --> 00:13:08,399

getting into partly inspired dr karl by

355

00:13:12,230 --> 00:13:10,320

your tick-tock videos

356

00:13:13,990 --> 00:13:12,240

how long have you been doing that

357

00:13:15,670 --> 00:13:14,000

they're quite extraordinary some of your

358

00:13:17,509 --> 00:13:15,680

tik-tok videos you're singing you're

359

00:13:19,030 --> 00:13:17,519

dancing and people are

360

00:13:21,509 --> 00:13:19,040

trying to mimic what you're doing all

361

00:13:23,269 --> 00:13:21,519

around the world ah well

362

00:13:25,110 --> 00:13:23,279

you're too kind but

363

00:13:27,190 --> 00:13:25,120

let me take you through it firstly

364

00:13:30,389 --> 00:13:27,200

remember the old pole is saying

365

00:13:33,430 --> 00:13:30,399

if you've got a dog don't bark

366

00:13:36,230 --> 00:13:33,440

so in other words if it comes to you

367

00:13:38,470 --> 00:13:36,240

adjusting the timing of the fuel

368

00:13:41,509 --> 00:13:38,480

injectors on your car's engine are you

369

00:13:43,990 --> 00:13:41,519

an expert in it no get somebody who is

370

00:13:46,150 --> 00:13:44,000

so i knew my limitations with tick-tock

371

00:13:49,269 --> 00:13:46,160

i looked at him and i thought i don't

372

00:13:51,590 --> 00:13:49,279

understand what's going on i don't and

373

00:13:52,949 --> 00:13:51,600

so i went to a very skilled person the

374

00:13:54,870 --> 00:13:52,959

six-year-old daughter of a neighbour of

375

00:13:57,590 --> 00:13:54,880

mine and said what's the deal with

376

00:14:00,629 --> 00:13:57,600

tick-tock okay she was nine and she said

377

00:14:02,550 --> 00:14:00,639

um do experiments and dance a lot yeah

378

00:14:04,150 --> 00:14:02,560

and i took that on board wow and what

379

00:14:07,750 --> 00:14:04,160

that meant was i knew i was out of my

380

00:14:09,670 --> 00:14:07,760

depth so then i hired for money because

381

00:14:11,350 --> 00:14:09,680

and by the way it says this over and

382

00:14:13,189 --> 00:14:11,360

over and over again in the christian

383

00:14:16,470 --> 00:14:13,199

bible and i'm pretty sure it says it in

384

00:14:18,790 --> 00:14:16,480

most other religious texts that the

385

00:14:20,230 --> 00:14:18,800

laborer is worthy

386

00:14:21,430 --> 00:14:20,240

of their hire

387

00:14:23,509 --> 00:14:21,440

if you're going to get somebody to do

388

00:14:25,590 --> 00:14:23,519

something for you for you none of this

389

00:14:27,189 --> 00:14:25,600

hey you can be an intern for me and

390

00:14:29,189 --> 00:14:27,199

you'll get really good experience give

391

00:14:31,189 --> 00:14:29,199

him money right

392

00:14:32,790 --> 00:14:31,199

being getting experience doesn't pay for

393

00:14:34,790 --> 00:14:32,800

the cup of coffee or the bus fare or the

394

00:14:37,030 --> 00:14:34,800

trade fair or the cup right you got to

395

00:14:39,189 --> 00:14:37,040

pay money so i paid the money so the

396

00:14:42,710 --> 00:14:39,199

average age is 18. so that's my two

397

00:14:44,389 --> 00:14:42,720

nieces and my daughter and they then

398

00:14:46,470 --> 00:14:44,399

took over the production i i am

399

00:14:49,829 --> 00:14:46,480

basically the warm prop

400

00:14:51,829 --> 00:14:49,839

i i taught them a bit about the

401
00:14:54,389 --> 00:14:51,839
importance of the lighting and the

402
00:14:56,870 --> 00:14:54,399
microphone but they had the uh

403
00:14:58,949 --> 00:14:56,880
presentation they so

404
00:15:00,550 --> 00:14:58,959
i'm going to say two words to you and

405
00:15:02,790 --> 00:15:00,560
tell me if you understand not their

406
00:15:05,110 --> 00:15:02,800
literal meaning but their current

407
00:15:08,470 --> 00:15:05,120
social meaning and here here are the two

408
00:15:10,710 --> 00:15:08,480
words rare aesthetic um

409
00:15:13,990 --> 00:15:10,720
no idea is your answer no no idea what

410
00:15:15,509 --> 00:15:14,000
in current terms i've um you tell me

411
00:15:16,550 --> 00:15:15,519
that's good that's good because that's

412
00:15:18,150 --> 00:15:16,560
what i like about scientists there's

413
00:15:19,910 --> 00:15:18,160

none of this oh i might have heard of it

414

00:15:21,990 --> 00:15:19,920

it's got no idea tell me

415

00:15:23,750 --> 00:15:22,000

so basically when you look at the tick

416

00:15:25,269 --> 00:15:23,760

tocks you just look at them

417

00:15:28,230 --> 00:15:25,279

superficially

418

00:15:29,509 --> 00:15:28,240

and you think that people are just

419

00:15:31,430 --> 00:15:29,519

miming

420

00:15:34,870 --> 00:15:31,440

but no they're trying to pick up the

421

00:15:36,790 --> 00:15:34,880

entire vibe of that time

422

00:15:39,189 --> 00:15:36,800

reinterpreted through them into a modern

423

00:15:41,749 --> 00:15:39,199

era and that is the the significance of

424

00:15:43,189 --> 00:15:41,759

the two words rare aesthetic right and i

425

00:15:45,430 --> 00:15:43,199

had no idea that

426

00:15:47,430 --> 00:15:45,440

so um and that's the significance of the

427

00:15:48,949 --> 00:15:47,440

words rare aesthetic and so on one

428

00:15:50,389 --> 00:15:48,959

occasion they got me to do a video which

429

00:15:53,350 --> 00:15:50,399

is entitled rear aesthetic which is on

430

00:15:54,790 --> 00:15:53,360

my tic-tock feet and basically i stand

431

00:15:57,269 --> 00:15:54,800

in front of a mirror

432

00:15:59,110 --> 00:15:57,279

um i put a hat on i vanish behind the

433

00:16:01,430 --> 00:15:59,120

hat there's a close-up of my shoes with

434

00:16:04,790 --> 00:16:01,440

the words carl on it and then i'm out

435

00:16:06,310 --> 00:16:04,800

and that got 600 000 views what now the

436

00:16:09,590 --> 00:16:06,320

content

437

00:16:11,389 --> 00:16:09,600

was a as as a science producer the

438

00:16:14,310 --> 00:16:11,399

content was zero yeah but the

439

00:16:15,590 --> 00:16:14,320

presentation wow was it was right so

440

00:16:17,430 --> 00:16:15,600

what you've got to do is get those

441

00:16:20,150 --> 00:16:17,440

people that is to say the people who are

442

00:16:23,509 --> 00:16:20,160

under the age of 25 to be involved and

443

00:16:25,269 --> 00:16:23,519

this is very important because um the

444

00:16:27,030 --> 00:16:25,279

uh two-thirds of the viewers of

445

00:16:29,189 --> 00:16:27,040

tick-tock are female and at one stage i

446

00:16:31,430 --> 00:16:29,199

haven't got the latest figures um i

447

00:16:34,470 --> 00:16:31,440

think more than half are under the age

448

00:16:37,749 --> 00:16:34,480

of 16. wow now here's here's two scary

449

00:16:39,269 --> 00:16:37,759

things for you in one small study

450

00:16:41,030 --> 00:16:39,279

of people

451
00:16:41,990 --> 00:16:41,040
aged 9

452
00:16:44,629 --> 00:16:42,000
to

453
00:16:46,150 --> 00:16:44,639
17

454
00:16:51,670 --> 00:16:46,160
90

455
00:16:54,470 --> 00:16:51,680
were told lies about the covered disease

456
00:16:57,189 --> 00:16:54,480
in their first 35 minutes on tick-tock

457
00:17:00,069 --> 00:16:57,199
90 percent were told lies

458
00:17:03,110 --> 00:17:00,079
on tick-tock and then two-thirds were

459
00:17:04,470 --> 00:17:03,120
told lies um about the vaccine

460
00:17:08,230 --> 00:17:04,480
and then

461
00:17:09,669 --> 00:17:08,240
other studies looking at say a thousand

462
00:17:12,069 --> 00:17:09,679
people uh

463
00:17:15,270 --> 00:17:12,079

females in australia found pretty

464

00:17:16,470 --> 00:17:15,280

similar results but because i was spread

465

00:17:18,710 --> 00:17:16,480

across a whole bunch of different social

466

00:17:21,750 --> 00:17:18,720

media platforms they were getting told

467

00:17:24,470 --> 00:17:21,760

lies not just about covert uh

468

00:17:26,309 --> 00:17:24,480

but also about global warming right

469

00:17:27,429 --> 00:17:26,319

right black lives matter the whole thing

470

00:17:29,669 --> 00:17:27,439

yeah and so

471

00:17:32,070 --> 00:17:29,679

then that then raises in one's head in

472

00:17:34,390 --> 00:17:32,080

my head it raised the simple old

473

00:17:37,270 --> 00:17:34,400

sentence from the past which is that for

474

00:17:39,190 --> 00:17:37,280

evil to triumph all that is needed is

475

00:17:40,870 --> 00:17:39,200

that good people do nothing yes yes

476

00:17:42,710 --> 00:17:40,880

that's that that's right that's that's

477

00:17:43,750 --> 00:17:42,720

an old uh expression and we certainly

478

00:17:45,430 --> 00:17:43,760

heard it

479

00:17:47,750 --> 00:17:45,440

so that's why i had to get into talk you

480

00:17:50,470 --> 00:17:47,760

see i had to get into tick tock to give

481

00:17:52,549 --> 00:17:50,480

them an alternative and different voice

482

00:17:53,830 --> 00:17:52,559

which by the way happened to be correct

483

00:17:55,430 --> 00:17:53,840

because if you go into tick tock the

484

00:17:57,830 --> 00:17:55,440

first couple of times and you're 10

485

00:18:00,630 --> 00:17:57,840

years old if you're 10 years old you

486

00:18:04,390 --> 00:18:00,640

haven't had what i've had which is the

487

00:18:05,430 --> 00:18:04,400

benefits of 12 years of medical training

488

00:18:07,270 --> 00:18:05,440

yeah so

489

00:18:09,029 --> 00:18:07,280

six years going through the form of

490

00:18:10,950 --> 00:18:09,039

university education and then six years

491

00:18:13,029 --> 00:18:10,960

in the hospital system they've got

492

00:18:17,190 --> 00:18:13,039

virtually no health education and if

493

00:18:19,590 --> 00:18:17,200

people say hey the vaccine attacks um

494

00:18:21,350 --> 00:18:19,600

your proteins that you need to

495

00:18:22,470 --> 00:18:21,360

be able to have a pregnancy and

496

00:18:25,430 --> 00:18:22,480

therefore the vaccine makes you

497

00:18:28,070 --> 00:18:25,440

infertile and nicki minaj was right well

498

00:18:29,669 --> 00:18:28,080

so that's why i went on to it yeah well

499

00:18:31,669 --> 00:18:29,679

i mean you make a very good point of

500

00:18:34,230 --> 00:18:31,679

course but it's not just the the younger

501
00:18:35,990 --> 00:18:34,240
the younger younger generation it's it's

502
00:18:37,590 --> 00:18:36,000
can uh influence these sort of things

503
00:18:39,430 --> 00:18:37,600
can influence many generations which

504
00:18:42,230 --> 00:18:39,440
brings us to another point in general

505
00:18:45,510 --> 00:18:42,240
which is the covert misinformation which

506
00:18:47,430 --> 00:18:45,520
has been extraordinary now you know very

507
00:18:49,909 --> 00:18:47,440
well the uh the skeptical movement has

508
00:18:51,990 --> 00:18:49,919
been fighting the back uh vax

509
00:18:53,990 --> 00:18:52,000
anti-vaccination misinformation for

510
00:18:55,669 --> 00:18:54,000
years and years and years and years but

511
00:18:58,150 --> 00:18:55,679
this situation over the last couple of

512
00:19:00,870 --> 00:18:58,160
years has really brought these people to

513
00:19:02,390 --> 00:19:00,880

the fore and the way they can for lack

514

00:19:04,549 --> 00:19:02,400

of a better word or maybe it's a good

515

00:19:05,909 --> 00:19:04,559

analogy infect

516

00:19:07,590 --> 00:19:05,919

a lot of the population with

517

00:19:09,510 --> 00:19:07,600

misinformation and i know that you've

518

00:19:11,830 --> 00:19:09,520

been doing a lot of that sort of uh

519

00:19:15,270 --> 00:19:11,840

fighting yourself against misinformation

520

00:19:20,150 --> 00:19:15,280

on tick tock yeah um so i've done it on

521

00:19:21,830 --> 00:19:20,160

abc radio in my podcasts on twitter and

522

00:19:23,110 --> 00:19:21,840

on tiktok

523

00:19:27,510 --> 00:19:23,120

and

524

00:19:29,270 --> 00:19:27,520

email me or contact me back saying i had

525

00:19:30,870 --> 00:19:29,280

a discussion with this after listening

526

00:19:33,750 --> 00:19:30,880

to your story with my mother or my

527

00:19:36,789 --> 00:19:33,760

grandmother or my son or grandson and we

528

00:19:37,830 --> 00:19:36,799

now decide to get both vaccinated yeah

529

00:19:39,190 --> 00:19:37,840

and

530

00:19:42,070 --> 00:19:39,200

yes so one

531

00:19:44,950 --> 00:19:42,080

simple one is we don't know

532

00:19:46,950 --> 00:19:44,960

the long-term side effects of the

533

00:19:48,950 --> 00:19:46,960

vaccines and that's true because we

534

00:19:51,990 --> 00:19:48,960

haven't had 15 years since the vaccines

535

00:19:54,710 --> 00:19:52,000

but overwhelmingly from 1200 years of

536

00:19:56,789 --> 00:19:54,720

giving vaccinations so it was a chinese

537

00:19:59,350 --> 00:19:56,799

who used to do it way back then

538

00:20:01,270 --> 00:19:59,360

around 800 a.d from 1200 years of

539

00:20:05,430 --> 00:20:01,280

vaccinations we know that

540

00:20:06,870 --> 00:20:05,440

the side effects are gone and dusted by

541

00:20:09,750 --> 00:20:06,880

four weeks

542

00:20:12,710 --> 00:20:09,760

maybe six weeks very rarely you might

543

00:20:15,909 --> 00:20:12,720

find a side effect still persisting by

544

00:20:17,350 --> 00:20:15,919

uh two months but that's it man

545

00:20:19,909 --> 00:20:17,360

there are no long-term side effects you

546

00:20:21,350 --> 00:20:19,919

get the side effects early on and then

547

00:20:24,070 --> 00:20:21,360

you're stuck with them but it's not as

548

00:20:25,830 --> 00:20:24,080

though they appear for the first time

549

00:20:27,190 --> 00:20:25,840

you know years down the line

550

00:20:29,110 --> 00:20:27,200

and

551
00:20:31,680 --> 00:20:29,120
people keep on bringing that up as an

552
00:20:32,830 --> 00:20:31,690
issue and then that ties into the whole

553
00:20:34,710 --> 00:20:32,840
[Music]

554
00:20:35,909 --> 00:20:34,720
sovereignty issue where i'm a sovereign

555
00:20:37,350 --> 00:20:35,919
citizen don't have to do anything

556
00:20:40,390 --> 00:20:37,360
anybody else does

557
00:20:43,270 --> 00:20:40,400
um and then tie that in with a few lies

558
00:20:44,950 --> 00:20:43,280
and a bit of q anon and there you are

559
00:20:46,950 --> 00:20:44,960
they throw in the word sheeple and you

560
00:20:49,590 --> 00:20:46,960
got yourself a good conspiracy theory oh

561
00:20:51,669 --> 00:20:49,600
it's it's it's it's amazing and i think

562
00:20:53,909 --> 00:20:51,679
it's going to result in many academic

563
00:20:56,230 --> 00:20:53,919

papers about this particular period in

564

00:20:57,990 --> 00:20:56,240

history and the influence of these

565

00:20:59,830 --> 00:20:58,000

people and you're right they throw

566

00:21:02,070 --> 00:20:59,840

around the word sheeple where all the

567

00:21:04,149 --> 00:21:02,080

sheeple and it's and i've noticed this

568

00:21:07,029 --> 00:21:04,159

in the skeptical world for a long time

569

00:21:08,870 --> 00:21:07,039

is that people accuse you and me

570

00:21:10,310 --> 00:21:08,880

of the very things they're guilty of so

571

00:21:13,430 --> 00:21:10,320

they'll label us as sheeple where

572

00:21:16,549 --> 00:21:13,440

they're blindly following some tip uh

573

00:21:18,390 --> 00:21:16,559

tiktok meme or or what have you folks i

574

00:21:20,710 --> 00:21:18,400

will link in the show notes this week

575

00:21:22,390 --> 00:21:20,720

folks i will link to dr cole's tik tok

576

00:21:24,149 --> 00:21:22,400

account please have a look at it it's

577

00:21:26,310 --> 00:21:24,159

great it's fun one of your ones i

578

00:21:28,390 --> 00:21:26,320

noticed the other day had over a million

579

00:21:29,990 --> 00:21:28,400

hits carl you're doing quite well yeah

580

00:21:32,149 --> 00:21:30,000

there was one that got up to about five

581

00:21:34,950 --> 00:21:32,159

million that was uh that if you're

582

00:21:37,590 --> 00:21:34,960

drinking mixer drinks uh like a ramen

583

00:21:41,029 --> 00:21:37,600

cola the diet drink gets you drunker

584

00:21:43,270 --> 00:21:41,039

than the regular drink um and that lead

585

00:21:46,710 --> 00:21:43,280

into all sorts of little wormholes

586

00:21:48,549 --> 00:21:46,720

it's amazing what gets attention um

587

00:21:51,430 --> 00:21:48,559

i've noticed on my

588

00:21:53,350 --> 00:21:51,440

twitter feed that

589

00:21:55,110 --> 00:21:53,360

when i talk about something that upsets

590

00:21:56,830 --> 00:21:55,120

people that they'll be

591

00:22:00,149 --> 00:21:56,840

rolling waves

592

00:22:02,549 --> 00:22:00,159

of uh twitter links attacking me um

593

00:22:04,390 --> 00:22:02,559

sometimes hundreds in an hour

594

00:22:07,830 --> 00:22:04,400

following the rising sunset across the

595

00:22:09,669 --> 00:22:07,840

usa really yeah yeah and so little robot

596

00:22:12,070 --> 00:22:09,679

farms of people have been alerted to

597

00:22:13,510 --> 00:22:12,080

wake up and go and start attacking me

598

00:22:14,950 --> 00:22:13,520

wow i think a large part of the

599

00:22:18,070 --> 00:22:14,960

disinformation

600

00:22:20,870 --> 00:22:18,080

comes from the social media

601
00:22:23,430 --> 00:22:20,880
and it wasn't done deliberately but it

602
00:22:26,789 --> 00:22:23,440
just sort of grew by itself and took off

603
00:22:30,789 --> 00:22:26,799
so i'd recommend uh this big fat book to

604
00:22:33,190 --> 00:22:30,799
read the age of surveillance capitalism

605
00:22:35,430 --> 00:22:33,200
by shashana

606
00:22:37,110 --> 00:22:35,440
zuboff that's a big fat book it'll take

607
00:22:38,230 --> 00:22:37,120
you a long time to read

608
00:22:40,710 --> 00:22:38,240
um

609
00:22:43,430 --> 00:22:40,720
and she points out how they're making

610
00:22:47,350 --> 00:22:43,440
lots of money out of us they the social

611
00:22:49,590 --> 00:22:47,360
media companies the system by james ball

612
00:22:52,789 --> 00:22:49,600
goes into more detail

613
00:22:54,390 --> 00:22:52,799

and um he for example points out that

614

00:22:55,830 --> 00:22:54,400

they make a huge

615

00:22:58,630 --> 00:22:55,840

amount of money

616

00:22:59,750 --> 00:22:58,640

out of advertising so in the last

617

00:23:02,789 --> 00:22:59,760

quarter

618

00:23:05,750 --> 00:23:02,799

of 2008 in facebook it says in this book

619

00:23:09,029 --> 00:23:05,760

uh the system by james ball on page 117

620

00:23:11,029 --> 00:23:09,039

it says facebook had revenues of 16.9

621

00:23:12,390 --> 00:23:11,039

billion that's not bad for a quarter of

622

00:23:16,310 --> 00:23:12,400

a year

623

00:23:18,390 --> 00:23:16,320

16.6 came from advertising what yep and

624

00:23:20,230 --> 00:23:18,400

google was sort of double that and then

625

00:23:21,270 --> 00:23:20,240

finally there's this book here stolen

626
00:23:25,110 --> 00:23:21,280
focus

627
00:23:28,710 --> 00:23:25,120
by johann johann harry and i'll put it

628
00:23:31,430 --> 00:23:28,720
all together okay now the first thing

629
00:23:34,390 --> 00:23:31,440
we've written we end up at a situation

630
00:23:35,510 --> 00:23:34,400
where it makes sense

631
00:23:36,870 --> 00:23:35,520
to tell

632
00:23:37,909 --> 00:23:36,880
lies

633
00:23:38,630 --> 00:23:37,919
on

634
00:23:44,310 --> 00:23:38,640
the

635
00:23:47,510 --> 00:23:44,320
google facebook etc will make money out

636
00:23:48,950 --> 00:23:47,520
of it and it goes like this each time

637
00:23:49,750 --> 00:23:48,960
you

638
00:23:52,390 --> 00:23:49,760

uh

639

00:23:53,909 --> 00:23:52,400

click on a link to

640

00:23:55,669 --> 00:23:53,919

you're buying sheets for example and you

641

00:23:57,510 --> 00:23:55,679

see one that looks interesting each time

642

00:23:59,750 --> 00:23:57,520

you click on the link in that hundredth

643

00:24:02,149 --> 00:23:59,760

of a second or so before that page

644

00:24:05,029 --> 00:24:02,159

starts loading all of your details and

645

00:24:08,149 --> 00:24:05,039

this happens to every human on earth who

646

00:24:10,070 --> 00:24:08,159

goes onto the web to do stuff

647

00:24:13,269 --> 00:24:10,080

all of your details you know typically

648

00:24:16,549 --> 00:24:13,279

four or five gigabytes is known to about

649

00:24:19,269 --> 00:24:16,559

100 or so advertisers and they then bid

650

00:24:21,110 --> 00:24:19,279

for the right to put the ads on the next

651
00:24:23,590 --> 00:24:21,120
home page you go to

652
00:24:25,190 --> 00:24:23,600
and for you and me they'll pay between

653
00:24:27,590 --> 00:24:25,200
one and five cents but if you're

654
00:24:30,390 --> 00:24:27,600
somebody important like a financial

655
00:24:32,789 --> 00:24:30,400
executive they'll pay up to 20 cents and

656
00:24:35,029 --> 00:24:32,799
in most cases you'll just go looking for

657
00:24:36,630 --> 00:24:35,039
the sheets again on your second page and

658
00:24:38,230 --> 00:24:36,640
your third page and you won't notice the

659
00:24:44,149 --> 00:24:38,240
advertisements

660
00:24:48,070 --> 00:24:44,159
put up their little sidebars

661
00:24:50,149 --> 00:24:48,080
such as the earth is really flat

662
00:24:53,909 --> 00:24:50,159
or the united states

663
00:24:57,430 --> 00:24:53,919

military have photos or movies of ufos

664

00:25:00,230 --> 00:24:57,440

or the covered vaccine has 5g chips in

665

00:25:02,230 --> 00:25:00,240

it and if you click on one of those what

666

00:25:04,789 --> 00:25:02,240

happens is that each time you click

667

00:25:07,990 --> 00:25:04,799

you're going to give one to five cents

668

00:25:10,549 --> 00:25:08,000

so the advertisers pay that to google or

669

00:25:13,029 --> 00:25:10,559

facebook right and here's an interesting

670

00:25:15,350 --> 00:25:13,039

thing google and facebook

671

00:25:18,070 --> 00:25:15,360

have no real responsibility to us

672

00:25:20,230 --> 00:25:18,080

because we're not their customer and

673

00:25:23,669 --> 00:25:20,240

they have no real responsibility to the

674

00:25:26,070 --> 00:25:23,679

people selling the sheets

675

00:25:27,990 --> 00:25:26,080

all they want is to keep the advertiser

676
00:25:29,190 --> 00:25:28,000
company happy so they pay the one to

677
00:25:31,110 --> 00:25:29,200
five cents

678
00:25:33,590 --> 00:25:31,120
so you can end up going down the rabbit

679
00:25:36,149 --> 00:25:33,600
hole and i would recommend listening to

680
00:25:38,470 --> 00:25:36,159
the podcast down the rabbit hole on the

681
00:25:40,470 --> 00:25:38,480
new york times it's a five-part podcast

682
00:25:42,470 --> 00:25:40,480
and describe somebody who actually found

683
00:25:44,870 --> 00:25:42,480
themselves believing that the earth was

684
00:25:46,470 --> 00:25:44,880
flat because wherever they clicked yeah

685
00:25:49,029 --> 00:25:46,480
and by the way at the same time they

686
00:25:50,549 --> 00:25:49,039
would pay one to five one to five cents

687
00:25:53,110 --> 00:25:50,559
would get paid the advertiser and they

688
00:25:55,510 --> 00:25:53,120

were doing this maybe

689

00:25:57,110 --> 00:25:55,520

60 times an hour once every minute and

690

00:25:59,269 --> 00:25:57,120

and they would

691

00:26:01,190 --> 00:25:59,279

keep on doing this they no matter where

692

00:26:03,110 --> 00:26:01,200

they looked every bit of information

693

00:26:04,950 --> 00:26:03,120

said the earth was flat yeah wherever

694

00:26:06,630 --> 00:26:04,960

they looked everywhere on the internet

695

00:26:08,549 --> 00:26:06,640

they were told this by the way i first

696

00:26:10,230 --> 00:26:08,559

discovered this beginning of the

697

00:26:12,390 --> 00:26:10,240

personalization

698

00:26:14,630 --> 00:26:12,400

back in the late 90s when i was doing

699

00:26:17,110 --> 00:26:14,640

tours across texas

700

00:26:18,789 --> 00:26:17,120

and i was talking

701
00:26:20,549 --> 00:26:18,799
with my colleague that i was going to

702
00:26:22,950 --> 00:26:20,559
meet in texas and i was saying no no

703
00:26:24,470 --> 00:26:22,960
look look just search for it to search

704
00:26:25,909 --> 00:26:24,480
for this thing and you'll see it and he

705
00:26:28,870 --> 00:26:25,919
typed it in he said no i don't see it so

706
00:26:31,029 --> 00:26:28,880
i said look okay we're on contact in

707
00:26:32,549 --> 00:26:31,039
internet contact i'll

708
00:26:34,870 --> 00:26:32,559
put in the search

709
00:26:36,950 --> 00:26:34,880
enquiry to my search engine and then i'm

710
00:26:39,830 --> 00:26:36,960
going to cut and paste exactly what i

711
00:26:41,510 --> 00:26:39,840
typed and emailed it to you and you put

712
00:26:43,750 --> 00:26:41,520
into your search engine

713
00:26:44,870 --> 00:26:43,760

and we got completely different results

714

00:26:46,470 --> 00:26:44,880

for the same

715

00:26:48,549 --> 00:26:46,480

and so that was the moment when i

716

00:26:50,310 --> 00:26:48,559

realized that the search engine

717

00:26:51,590 --> 00:26:50,320

companies

718

00:26:52,470 --> 00:26:51,600

showing you

719

00:26:55,190 --> 00:26:52,480

what

720

00:26:57,990 --> 00:26:55,200

you are interested in whether if the

721

00:27:00,070 --> 00:26:58,000

earth is flat or not yeah now

722

00:27:03,669 --> 00:27:00,080

there's another factor involved here

723

00:27:06,230 --> 00:27:03,679

which is that um

724

00:27:08,549 --> 00:27:06,240

scary and dangerous gets you more

725

00:27:12,470 --> 00:27:08,559

interested than lovey-dovey so

726

00:27:15,590 --> 00:27:12,480

overwhelmingly if you show pictures of

727

00:27:17,909 --> 00:27:15,600

cute things or angry things angry people

728

00:27:20,149 --> 00:27:17,919

to people of all ages they will tend to

729

00:27:21,350 --> 00:27:20,159

click more on the angry person just to

730

00:27:23,830 --> 00:27:21,360

find out what's going on because that

731

00:27:25,190 --> 00:27:23,840

could be a threat as another and you've

732

00:27:26,870 --> 00:27:25,200

got to pay attention to that threat

733

00:27:28,310 --> 00:27:26,880

because it could kill you or if you're

734

00:27:29,510 --> 00:27:28,320

going for a walk through a national park

735

00:27:31,350 --> 00:27:29,520

and you're looking at the beautiful

736

00:27:32,789 --> 00:27:31,360

flannel flowers and then a little bit

737

00:27:34,710 --> 00:27:32,799

later you hear this noise and a bunch of

738

00:27:35,990 --> 00:27:34,720

galas go over you look at them but

739

00:27:37,430 --> 00:27:36,000

before you get to look at the flannel

740

00:27:39,430 --> 00:27:37,440

flowers suddenly you see a red belly

741

00:27:41,750 --> 00:27:39,440

black snake and that takes all of your

742

00:27:43,190 --> 00:27:41,760

attention flannel flowers forget them

743

00:27:44,950 --> 00:27:43,200

the glass go over forget them you're

744

00:27:46,630 --> 00:27:44,960

just concentrating thinking this thing

745

00:27:48,950 --> 00:27:46,640

can kill me and you're in a state of

746

00:27:51,269 --> 00:27:48,960

hyper-vigilance and this happens when

747

00:27:54,070 --> 00:27:51,279

you're being shown scary stuff like the

748

00:27:57,750 --> 00:27:54,080

world is flat and the world is being run

749

00:28:00,710 --> 00:27:57,760

by the dark forces the deep

750

00:28:03,590 --> 00:28:00,720

web that is going to that actually

751
00:28:05,190 --> 00:28:03,600
people who are satanic pedophilic

752
00:28:07,750 --> 00:28:05,200
shape-changing reptiles from the planet

753
00:28:09,110 --> 00:28:07,760
zog yeah and so then you go into a state

754
00:28:10,789 --> 00:28:09,120
of hyper-vigilance where all your

755
00:28:12,470 --> 00:28:10,799
attention is on that

756
00:28:14,950 --> 00:28:12,480
and blow me down

757
00:28:16,710 --> 00:28:14,960
five hours later you come out yes and

758
00:28:19,190 --> 00:28:16,720
the sun has gone down and five hours

759
00:28:21,669 --> 00:28:19,200
have just gone and in that five hours

760
00:28:25,110 --> 00:28:21,679
roughly once a minute you have generated

761
00:28:28,310 --> 00:28:25,120
one to five cents for the social media

762
00:28:30,310 --> 00:28:28,320
companies their only interest

763
00:28:32,230 --> 00:28:30,320

is getting that one to five cents now

764

00:28:33,830 --> 00:28:32,240

they didn't mean to start off by saying

765

00:28:35,510 --> 00:28:33,840

look if we tell lots of lies about

766

00:28:37,029 --> 00:28:35,520

things we'll get wealthy they had no

767

00:28:39,350 --> 00:28:37,039

idea that that's the way that the human

768

00:28:42,310 --> 00:28:39,360

nature and the changing environment

769

00:28:45,110 --> 00:28:42,320

would happen and in the book um

770

00:28:46,630 --> 00:28:45,120

the stolen focus book he suggests a

771

00:28:48,230 --> 00:28:46,640

change in the model that we don't let

772

00:28:53,110 --> 00:28:48,240

the

773

00:28:55,110 --> 00:28:53,120

want for example in our society if you

774

00:28:57,590 --> 00:28:55,120

want to go out into the main street of

775

00:29:00,630 --> 00:28:57,600

your local suburb and start selling

776

00:29:02,710 --> 00:29:00,640

automatic rifles and cyanide uh to

777

00:29:04,630 --> 00:29:02,720

anybody who wants to kill somebody else

778

00:29:07,190 --> 00:29:04,640

the society will stop you from doing

779

00:29:09,590 --> 00:29:07,200

that in australia um and if you drive in

780

00:29:11,590 --> 00:29:09,600

a car you have to have a license to show

781

00:29:14,470 --> 00:29:11,600

that you can do it you say there are

782

00:29:15,909 --> 00:29:14,480

limitations on our behavior and i'm not

783

00:29:17,510 --> 00:29:15,919

allowed to go out and kill you that's a

784

00:29:19,909 --> 00:29:17,520

limitation on my behavior so there

785

00:29:23,029 --> 00:29:19,919

should be now that we know

786

00:29:25,350 --> 00:29:23,039

that social media has been doing this

787

00:29:28,149 --> 00:29:25,360

we now need to regulate social media and

788

00:29:29,830 --> 00:29:28,159

maybe the trick would be to force them

789

00:29:31,510 --> 00:29:29,840

by government regulation and this is

790

00:29:33,430 --> 00:29:31,520

what is suggested in the book style of

791

00:29:36,630 --> 00:29:33,440

focus that

792

00:29:38,149 --> 00:29:36,640

their customers are you and me

793

00:29:40,389 --> 00:29:38,159

that we each have to pay a small

794

00:29:42,549 --> 00:29:40,399

subscription fee the advertisers are not

795

00:29:45,430 --> 00:29:42,559

in the loop and that way we change the

796

00:29:47,350 --> 00:29:45,440

system and ultimately we reduce the

797

00:29:49,510 --> 00:29:47,360

destruction of our society because if

798

00:29:52,310 --> 00:29:49,520

you read the um

799

00:29:54,710 --> 00:29:52,320

the not the cryptography

800

00:29:57,750 --> 00:29:54,720

money ones but rather the

801
00:30:00,149 --> 00:29:57,760
military force intelligence discussions

802
00:30:03,110 --> 00:30:00,159
of what's happening with our society and

803
00:30:03,990 --> 00:30:03,120
the social media the majority

804
00:30:06,389 --> 00:30:04,000
of

805
00:30:09,510 --> 00:30:06,399
certain social media

806
00:30:12,149 --> 00:30:09,520
platforms are funded from what they call

807
00:30:14,070 --> 00:30:12,159
hostile actors which is their jargon for

808
00:30:16,870 --> 00:30:14,080
foreign countries that are not australia

809
00:30:18,789 --> 00:30:16,880
america etc etc etc well dr carl i could

810
00:30:20,389 --> 00:30:18,799
talk about this with you for weeks and

811
00:30:23,430 --> 00:30:20,399
weeks and weeks why don't we do that why

812
00:30:25,510 --> 00:30:23,440
don't we end this for this week now and

813
00:30:27,269 --> 00:30:25,520

hopefully you can join us next week and

814

00:30:28,580 --> 00:30:27,279

we can talk about some more you got a

815

00:30:38,470 --> 00:30:28,590

date

816

00:30:40,630 --> 00:30:38,480

[Music]

817

00:30:45,590 --> 00:30:40,640

new zealand and australian skeptics

818

00:30:47,830 --> 00:30:45,600

present skepticon 2021 20th to the 21st

819

00:30:49,430 --> 00:30:47,840

of november every year skeptics in

820

00:30:51,830 --> 00:30:49,440

australia and new zealand hold their

821

00:30:53,269 --> 00:30:51,840

separate annual conferences this year it

822

00:30:55,590 --> 00:30:53,279

will be different

823

00:30:58,549 --> 00:30:55,600

the two groups are joining hands across

824

00:31:01,350 --> 00:30:58,559

the water by holding a joint online

825

00:31:03,750 --> 00:31:01,360

event all speakers will be live streamed

826

00:31:07,830 --> 00:31:03,760

from around the world australia new

827

00:31:10,470 --> 00:31:07,840

zealand the uk russia and more a truly

828

00:31:12,389 --> 00:31:10,480

international event to enjoy from the

829

00:31:14,149 --> 00:31:12,399

comfort of your own home

830

00:31:17,190 --> 00:31:14,159

speakers include

831

00:31:20,789 --> 00:31:17,200

new zealander of the year dr susie wiles

832

00:31:23,110 --> 00:31:20,799

from the uk professor richard wiseman

833

00:31:26,389 --> 00:31:23,120

associate professor paul willis

834

00:31:30,070 --> 00:31:26,399

dr ken harvey annie mccovent

835

00:31:33,750 --> 00:31:30,080

linna yazin dr helen patertis harris

836

00:31:36,070 --> 00:31:33,760

dr sat douchev and many more

837

00:31:37,830 --> 00:31:36,080

tickets are on sale now and are only 40

838

00:31:40,950 --> 00:31:37,840

australian dollars

839

00:31:42,789 --> 00:31:40,960

that's less than 30 u.s for both days

840

00:31:47,110 --> 00:31:42,799

for more information and to book your

841

00:32:02,320 --> 00:31:58,789

[Music]

842

00:32:05,029 --> 00:32:02,330

and now a reading from the book of tim

843

00:32:06,160 --> 00:32:05,039

[Music]

844

00:32:13,350 --> 00:32:06,170

with tim mendom

845

00:32:17,909 --> 00:32:15,509

hi my name is tim mandum and i'm the

846

00:32:20,310 --> 00:32:17,919

editor of the skeptic magazine and

847

00:32:21,110 --> 00:32:20,320

executive officer of australian skeptics

848

00:32:23,110 --> 00:32:21,120

inc

849

00:32:26,149 --> 00:32:23,120

and today i'll be reading you an article

850

00:32:27,669 --> 00:32:26,159

from the skeptic way back from september

851
00:32:30,789 --> 00:32:27,679
2012

852
00:32:32,470 --> 00:32:30,799
which is volume 32 number three

853
00:32:35,269 --> 00:32:32,480
this is our section that we call what

854
00:32:37,350 --> 00:32:35,279
goes around based on the principle that

855
00:32:39,029 --> 00:32:37,360
you start with a bit of information work

856
00:32:41,350 --> 00:32:39,039
your way through a lot of connections

857
00:32:43,350 --> 00:32:41,360
and come back to where you started from

858
00:32:46,389 --> 00:32:43,360
and this one is about seekers after

859
00:32:48,789 --> 00:32:46,399
fantasy truth and recreation

860
00:32:50,669 --> 00:32:48,799
and we start with charles lutwidge

861
00:32:54,870 --> 00:32:50,679
dodgson

862
00:32:57,509 --> 00:32:54,880
1832-1898 better known as lewis carroll

863
00:32:59,909 --> 00:32:57,519

he was an author mathematician logician

864

00:33:01,830 --> 00:32:59,919

anglican deacon and photographer his

865

00:33:03,909 --> 00:33:01,840

most famous writings of course are the

866

00:33:06,470 --> 00:33:03,919

fantasy works alice's adventures in

867

00:33:09,430 --> 00:33:06,480

wonderland through the looking glass the

868

00:33:11,590 --> 00:33:09,440

hunting of the snark and jabberwocky

869

00:33:13,430 --> 00:33:11,600

among various inventions he came up with

870

00:33:14,870 --> 00:33:13,440

a rule for finding the day of the week

871

00:33:16,870 --> 00:33:14,880

for any date

872

00:33:19,430 --> 00:33:16,880

fairer elimination rules for tennis

873

00:33:21,430 --> 00:33:19,440

tournaments and at least two ciphers for

874

00:33:24,470 --> 00:33:21,440

cryptography he was also a founding

875

00:33:26,230 --> 00:33:24,480

member of the uk society for psychical

876

00:33:31,269 --> 00:33:26,240

research

877

00:33:33,190 --> 00:33:31,279

founded in 1882 in london and was the

878

00:33:34,070 --> 00:33:33,200

first organization of its kind in the

879

00:33:36,230 --> 00:33:34,080

world

880

00:33:38,630 --> 00:33:36,240

its stated purpose is to understand

881

00:33:41,350 --> 00:33:38,640

quote events and abilities commonly

882

00:33:43,269 --> 00:33:41,360

described as psychic or paranormal by

883

00:33:45,909 --> 00:33:43,279

promoting and supporting important

884

00:33:48,470 --> 00:33:45,919

research in this area

885

00:33:51,430 --> 00:33:48,480

and to examine allegedly paranormal

886

00:33:53,269 --> 00:33:51,440

phenomena in a scientific and unbiased

887

00:33:55,509 --> 00:33:53,279

way close quote

888

00:33:58,870 --> 00:33:55,519

initial committees covered thought

889

00:34:02,310 --> 00:33:58,880

transference mesmerism mediumship

890

00:34:04,950 --> 00:34:02,320

reichenbach phenomena or odick force

891

00:34:06,870 --> 00:34:04,960

apparitions and haunted houses

892

00:34:08,230 --> 00:34:06,880

physical phenomena associated with

893

00:34:10,069 --> 00:34:08,240

seances

894

00:34:13,030 --> 00:34:10,079

and a literary committee which studied

895

00:34:15,909 --> 00:34:13,040

the history of these phenomena

896

00:34:18,550 --> 00:34:15,919

now critical spr investigations into

897

00:34:20,550 --> 00:34:18,560

purported mediums and the exposure of

898

00:34:22,950 --> 00:34:20,560

fake mediums led to a number of

899

00:34:24,550 --> 00:34:22,960

resignations in the 1880s by

900

00:34:26,629 --> 00:34:24,560

spiritualist members

901
00:34:29,589 --> 00:34:26,639
but the society continued to investigate

902
00:34:33,030 --> 00:34:29,599
mediums studying leonora piper and

903
00:34:34,629 --> 00:34:33,040
usapia paladino among others

904
00:34:37,030 --> 00:34:34,639
in 1885

905
00:34:39,270 --> 00:34:37,040
richard hodgson's report on theosophical

906
00:34:41,990 --> 00:34:39,280
phenomena expressed the opinion that the

907
00:34:44,629 --> 00:34:42,000
founder of the theosophical society

908
00:34:46,790 --> 00:34:44,639
helena petrova blavatsky

909
00:34:50,470 --> 00:34:46,800
was quote neither the mouthpiece of

910
00:34:52,550 --> 00:34:50,480
hidden sears noraemir vulgar adventurous

911
00:34:54,869 --> 00:34:52,560
we think she has achieved title to

912
00:34:57,829 --> 00:34:54,879
permanent remembrance as one of the most

913
00:35:00,230 --> 00:34:57,839

accomplished ingenious and interesting

914

00:35:02,630 --> 00:35:00,240

imposters in history

915

00:35:06,150 --> 00:35:02,640

now helena blavatsky actually born

916

00:35:07,990 --> 00:35:06,160

helena gann 1831-1891

917

00:35:09,990 --> 00:35:08,000

was co-founder of a research and

918

00:35:11,990 --> 00:35:10,000

publishing institute called the

919

00:35:13,589 --> 00:35:12,000

theosophical society which actually

920

00:35:15,750 --> 00:35:13,599

still exists

921

00:35:17,190 --> 00:35:15,760

she saw herself as a missionary of

922

00:35:18,950 --> 00:35:17,200

ancient knowledge

923

00:35:21,270 --> 00:35:18,960

her interests included a range of

924

00:35:24,069 --> 00:35:21,280

spiritualist aspects including an

925

00:35:25,910 --> 00:35:24,079

absolute truth reincarnation karma

926

00:35:27,910 --> 00:35:25,920

atlantis and lemuria

927

00:35:30,550 --> 00:35:27,920

she once wrote that quote mankind did

928

00:35:33,109 --> 00:35:30,560

not issue from one solitary couple

929

00:35:35,109 --> 00:35:33,119

nor was there ever a first man whether

930

00:35:37,750 --> 00:35:35,119

adam or yim

931

00:35:40,710 --> 00:35:37,760

once that both creation x nicolo

932

00:35:42,630 --> 00:35:40,720

an absurdity and a superhuman creator or

933

00:35:45,750 --> 00:35:42,640

creators a fact

934

00:35:48,230 --> 00:35:45,760

are made away with by science polygenism

935

00:35:49,990 --> 00:35:48,240

which is multiple sources for humanity

936

00:35:52,550 --> 00:35:50,000

presents no more difficulties or

937

00:35:55,589 --> 00:35:52,560

inconveniences rather fewer from a

938

00:35:58,550 --> 00:35:55,599

scientific point of view than monogenism

939

00:35:59,910 --> 00:35:58,560

does and cosmologyism is starting from

940

00:36:01,670 --> 00:35:59,920

one

941

00:36:04,069 --> 00:36:01,680

entity

942

00:36:06,550 --> 00:36:04,079

as in adam or eve

943

00:36:08,950 --> 00:36:06,560

creation x nicolo is the central tenet

944

00:36:10,870 --> 00:36:08,960

of creationism or intelligent design

945

00:36:13,270 --> 00:36:10,880

using the bible as a prime source of

946

00:36:15,510 --> 00:36:13,280

scientific truth organizations that have

947

00:36:17,750 --> 00:36:15,520

expressed formal criticism if not

948

00:36:19,430 --> 00:36:17,760

absolute dismissal of creationism

949

00:36:21,670 --> 00:36:19,440

include the u.s national academy of

950

00:36:23,510 --> 00:36:21,680

sciences the american association for

951
00:36:24,950 --> 00:36:23,520
the advancement of science the uk royal

952
00:36:26,710 --> 00:36:24,960
society the u.s national science

953
00:36:28,390 --> 00:36:26,720
teachers association the national center

954
00:36:29,990 --> 00:36:28,400
for science education

955
00:36:31,510 --> 00:36:30,000
the american association of physics

956
00:36:34,710 --> 00:36:31,520
teachers the american astronomical

957
00:36:36,230 --> 00:36:34,720
society the american geophysical union

958
00:36:38,829 --> 00:36:36,240
the american chemical society the

959
00:36:41,270 --> 00:36:38,839
american physical society and

960
00:36:43,109 --> 00:36:41,280
cyclops cycop

961
00:36:44,470 --> 00:36:43,119
the committee for the scientific

962
00:36:47,030 --> 00:36:44,480
investigation of claims of the

963
00:36:49,510 --> 00:36:47,040

paranormal now shortened to committee

964

00:36:51,589 --> 00:36:49,520
for scientific inquiry was officially

965

00:36:54,310 --> 00:36:51,599
launched by philosophy professor paul

966

00:36:57,030 --> 00:36:54,320
kurtz at a specially convened conference

967

00:36:59,030 --> 00:36:57,040
of the american humanist association in

968

00:37:01,109 --> 00:36:59,040
nineteen seventy six

969

00:37:04,870 --> 00:37:01,119
among its founding members were kurtz

970

00:37:06,470 --> 00:37:04,880
james randy ray hyman marcelo tritzky and

971

00:37:08,790 --> 00:37:06,480
martin gardner

972

00:37:11,430 --> 00:37:08,800
garden was especially known as a writer

973

00:37:13,190 --> 00:37:11,440
on recreational mathematics though he

974

00:37:14,550 --> 00:37:13,200
had no qualifications in mathematics

975

00:37:17,270 --> 00:37:14,560
beyond high school

976

00:37:19,829 --> 00:37:17,280

he is also known as an annotator of

977

00:37:21,750 --> 00:37:19,839

several books that he found sort of

978

00:37:24,150 --> 00:37:21,760

frightening when he was young

979

00:37:26,069 --> 00:37:24,160

those books are lewis carroll's alice's

980

00:37:27,829 --> 00:37:26,079

adventures in wonderland through the

981

00:37:30,470 --> 00:37:27,839

looking glass and the hunting of the

982

00:37:32,870 --> 00:37:30,480

snark which brings us back to charles

983

00:37:36,540 --> 00:37:32,880

lutwich dodson one of the founders of

984

00:37:38,230 --> 00:37:36,550

the society for psychical research

985

00:37:39,589 --> 00:37:38,240

[Music]

986

00:37:43,349 --> 00:37:39,599

and that's what goes around from the

987

00:37:45,990 --> 00:37:43,359

skeptic magazine september 2012 volume

988

00:37:47,750 --> 00:37:46,000

32 number three and you can download

989

00:37:50,230 --> 00:37:47,760

that issue of the magazine and in fact

990

00:37:53,690 --> 00:37:50,240

most issues of the magazine for free

991

00:38:00,710 --> 00:37:53,700

from our website skeptics.com.edu

992

00:38:12,630 --> 00:38:00,720

[Music]

993

00:38:17,030 --> 00:38:15,349

i'm in the portable skeptic's own studio

994

00:38:18,710 --> 00:38:17,040

it's the two of us are actually it's a

995

00:38:21,190 --> 00:38:18,720

bit cozy it is

996

00:38:24,150 --> 00:38:21,200

and it's working well tim you've just

997

00:38:25,990 --> 00:38:24,160

did uh what six weeks seven seven eight

998

00:38:28,230 --> 00:38:26,000

ten twelve a year's worth of the book of

999

00:38:29,910 --> 00:38:28,240

tim absolutely yes and it's well worth

1000

00:38:31,670 --> 00:38:29,920

it too well worth it a bit tired but

1001

00:38:33,190 --> 00:38:31,680

it's well worth it coming up you can

1002

00:38:34,950 --> 00:38:33,200

listen you can expect to listen to

1003

00:38:37,510 --> 00:38:34,960

stories about the loch ness monster and

1004

00:38:39,349 --> 00:38:37,520

star trek star trek always good not lock

1005

00:38:41,109 --> 00:38:39,359

this monster and star trek instead of

1006

00:38:42,550 --> 00:38:41,119

their two separate stories yeah yeah

1007

00:38:44,630 --> 00:38:42,560

yeah although

1008

00:38:47,750 --> 00:38:44,640

although how they covered star trek they

1009

00:38:49,270 --> 00:38:47,760

covered whales in star trek movies i i

1010

00:38:50,710 --> 00:38:49,280

you know what i don't think they covered

1011

00:38:52,870 --> 00:38:50,720

the loch ness monster but scotty was

1012

00:38:54,710 --> 00:38:52,880

scottish wasn't he was scottish yes

1013

00:38:56,230 --> 00:38:54,720

mainly because and all engineers are

1014

00:38:58,630 --> 00:38:56,240

scottish

1015

00:39:01,430 --> 00:38:58,640

as we know that uh and and he couldn't

1016

00:39:03,829 --> 00:39:01,440

get it any faster no because

1017

00:39:05,990 --> 00:39:03,839

you kind of changed a lot of things

1018

00:39:08,310 --> 00:39:06,000

a good man with scotty it was good

1019

00:39:10,310 --> 00:39:08,320

unknown unlike most psychics he changed

1020

00:39:13,349 --> 00:39:10,320

the words i didn't know until recently

1021

00:39:14,390 --> 00:39:13,359

that the actor um james dewan wasn't

1022

00:39:16,870 --> 00:39:14,400

scottish

1023

00:39:19,910 --> 00:39:16,880

no he's canadian and he lost a finger in

1024

00:39:22,790 --> 00:39:19,920

world war ii where did he lose it

1025

00:39:24,150 --> 00:39:22,800

on the end of his hand did he find it

1026

00:39:26,790 --> 00:39:24,160

and um

1027

00:39:28,790 --> 00:39:26,800

so in a very few clips in star trek the

1028

00:39:30,310 --> 00:39:28,800

original you can see that uh he's

1029

00:39:32,150 --> 00:39:30,320

missing it yeah saying they're the same

1030

00:39:34,470 --> 00:39:32,160

as tony iami the league guitarist of

1031

00:39:36,390 --> 00:39:34,480

black sabbath oh he lost a finger in his

1032

00:39:37,589 --> 00:39:36,400

um

1033

00:39:39,270 --> 00:39:37,599

in a workplace

1034

00:39:40,829 --> 00:39:39,280

there you go hard for a guitarist to

1035

00:39:42,150 --> 00:39:40,839

lose

1036

00:39:43,670 --> 00:39:42,160

how's uh

1037

00:39:45,589 --> 00:39:43,680

how are things going at this skeptic

1038

00:39:47,589 --> 00:39:45,599

magazine during the lockdown oh

1039

00:39:49,270 --> 00:39:47,599

brilliant absolutely brilliant we're

1040

00:39:50,630 --> 00:39:49,280

enjoying it so much that i spend all my

1041

00:39:53,190 --> 00:39:50,640

time reading back issues with the

1042

00:39:54,790 --> 00:39:53,200

magazine you do which listeners can do

1043

00:39:56,710 --> 00:39:54,800

of course they can do it all the time

1044

00:39:57,990 --> 00:39:56,720

they can download the magazine yeah for

1045

00:39:59,589 --> 00:39:58,000

free yeah

1046

00:40:01,270 --> 00:39:59,599

most of except for the last four issues

1047

00:40:02,630 --> 00:40:01,280

which are reserved for subscribers so

1048

00:40:03,750 --> 00:40:02,640

you've got that that's the end here's

1049

00:40:05,589 --> 00:40:03,760

him you've got to subscribe to get the

1050

00:40:07,030 --> 00:40:05,599

last most recent four issues but i think

1051

00:40:08,950 --> 00:40:07,040

we're the only skeptic group in the

1052

00:40:11,109 --> 00:40:08,960

world that puts all their magazine

1053

00:40:12,390 --> 00:40:11,119

online for free uh

1054

00:40:13,670 --> 00:40:12,400

i you know what i'd have to look at it

1055

00:40:14,470 --> 00:40:13,680

but you're probably right i'm always

1056

00:40:16,390 --> 00:40:14,480

right

1057

00:40:18,710 --> 00:40:16,400

yeah yeah there's thousands of articles

1058

00:40:20,870 --> 00:40:18,720

and reports and things to read online

1059

00:40:23,109 --> 00:40:20,880

and but this year's the last two years

1060

00:40:25,030 --> 00:40:23,119

have been a bit strange because normally

1061

00:40:27,270 --> 00:40:25,040

i'm out and about looking at things to

1062

00:40:29,510 --> 00:40:27,280

do investigations we might both be doing

1063

00:40:31,270 --> 00:40:29,520

something like that going to conventions

1064

00:40:33,670 --> 00:40:31,280

even psychic conventions which you and i

1065

00:40:35,349 --> 00:40:33,680

have been to before absolutely yes and i

1066

00:40:36,710 --> 00:40:35,359

i can hope that next year is going to be

1067

00:40:38,230 --> 00:40:36,720

a different story so that means the last

1068

00:40:39,589 --> 00:40:38,240

two years have had less of your articles

1069

00:40:41,960 --> 00:40:39,599

in the magazine which is probably not a

1070

00:40:44,390 --> 00:40:41,970

bad thing not a bad thing but next issue

1071

00:40:45,829 --> 00:40:44,400

[Laughter]

1072

00:40:47,750 --> 00:40:45,839

next dish oh there's a bird it doesn't

1073

00:40:50,829 --> 00:40:47,760

matter the birds can sing out the window

1074

00:40:52,150 --> 00:40:50,839

next issue will be that's your fan club

1075

00:40:55,270 --> 00:40:52,160

is birds

1076
00:40:59,750 --> 00:40:58,230
um next issue we will be publishing the

1077
00:41:01,589 --> 00:40:59,760
findings of the great australian psychic

1078
00:41:02,710 --> 00:41:01,599
prediction project this this is actually

1079
00:41:04,950 --> 00:41:02,720
pretty something pretty exciting

1080
00:41:07,270 --> 00:41:04,960
actually this is a major project looking

1081
00:41:09,190 --> 00:41:07,280
at twenty years of psychics predictions

1082
00:41:10,950 --> 00:41:09,200
so about three thousand eight almost

1083
00:41:12,550 --> 00:41:10,960
four thousand almost four thousand years

1084
00:41:14,150 --> 00:41:12,560
it's been a major work by richard who's

1085
00:41:16,790 --> 00:41:14,160
devoted all of his childhood to doing

1086
00:41:18,870 --> 00:41:16,800
this every day and and it is something

1087
00:41:21,030 --> 00:41:18,880
to really look forward to and you might

1088
00:41:22,390 --> 00:41:21,040

be surprised by the results

1089

00:41:23,750 --> 00:41:22,400

but you'll have to read you'll have to

1090

00:41:25,829 --> 00:41:23,760

read them listeners you'll have to wait

1091

00:41:28,870 --> 00:41:25,839

till they are published and you can find

1092

00:41:29,990 --> 00:41:28,880

out how your favorite psychic scored

1093

00:41:32,230 --> 00:41:30,000

and there's quite a few of them there's

1094

00:41:34,630 --> 00:41:32,240

quite a few there's 207

1095

00:41:36,550 --> 00:41:34,640

roughly roughly that's the rough at the

1096

00:41:38,790 --> 00:41:36,560

rough number two

1097

00:41:40,870 --> 00:41:38,800

207 rough psyches i think that's roughly

1098

00:41:42,069 --> 00:41:40,880

210 but we'll sort of some

1099

00:41:44,390 --> 00:41:42,079

more or less

1100

00:41:46,390 --> 00:41:44,400

and it's interesting to see um

1101

00:41:48,550 --> 00:41:46,400

the rule of thumb is the more

1102

00:41:49,750 --> 00:41:48,560

information give it away we could gather

1103

00:41:51,430 --> 00:41:49,760

oh yes you'll have to read it for

1104

00:41:53,510 --> 00:41:51,440

yourself that's right yes but there are

1105

00:41:57,190 --> 00:41:53,520

some some very interesting results some

1106

00:41:59,430 --> 00:41:57,200

very exciting results but it's a whopper

1107

00:42:01,109 --> 00:41:59,440

it's a whopper of a research project

1108

00:42:03,190 --> 00:42:01,119

it's huge it's really impressive it

1109

00:42:04,470 --> 00:42:03,200

takes up richie all the magazine yeah

1110

00:42:06,390 --> 00:42:04,480

but it's been well worth reading

1111

00:42:08,470 --> 00:42:06,400

actually and i'm i'm what i've read of

1112

00:42:09,990 --> 00:42:08,480

it so far is i'm very impressed yeah

1113

00:42:11,510 --> 00:42:10,000

well i can't wait to bet on the next

1114

00:42:13,750 --> 00:42:11,520

melbourne cup based on what i've been

1115

00:42:16,550 --> 00:42:13,760

reading and if he's as accurate as

1116

00:42:18,390 --> 00:42:16,560

psychics he'll be rich

1117

00:42:20,150 --> 00:42:18,400

and uh we're looking forward to the

1118

00:42:22,470 --> 00:42:20,160

online convention of course skepticon

1119

00:42:24,309 --> 00:42:22,480

2021 very australian and new zealand

1120

00:42:26,150 --> 00:42:24,319

joint uh convention and that'll be an

1121

00:42:28,550 --> 00:42:26,160

online convention so anybody in the

1122

00:42:30,230 --> 00:42:28,560

world can attend for a very very low

1123

00:42:32,309 --> 00:42:30,240

price and actually richard will be

1124

00:42:33,990 --> 00:42:32,319

presenting a summarized first

1125

00:42:36,309 --> 00:42:34,000

an overview of the

1126

00:42:37,670 --> 00:42:36,319

or an underview another view the the

1127

00:42:39,349 --> 00:42:37,680

tickets are very cheap i mean if you're

1128

00:42:41,589 --> 00:42:39,359

in australia they're only forty dollars

1129

00:42:42,550 --> 00:42:41,599

and new zealand it's about 41 or

1130

00:42:43,990 --> 00:42:42,560

something like that because it's

1131

00:42:46,390 --> 00:42:44,000

equivalent thereof yeah the equivalent

1132

00:42:47,990 --> 00:42:46,400

thereof but for us listeners if you want

1133

00:42:49,510 --> 00:42:48,000

to attend the australian skeptics and

1134

00:42:51,349 --> 00:42:49,520

new zealand skips convention it's less

1135

00:42:52,950 --> 00:42:51,359

than thirty dollars and for and for

1136

00:42:54,390 --> 00:42:52,960

english it's probably just over um

1137

00:42:56,710 --> 00:42:54,400

twenty pounds

1138

00:42:59,750 --> 00:42:56,720

or three p or three people or if your

1139

00:43:01,510 --> 00:42:59,760

euro euro it's probably about 30 euros

1140

00:43:03,190 --> 00:43:01,520

is that something like that look at the

1141

00:43:04,790 --> 00:43:03,200

other checks not much i have to call my

1142

00:43:07,670 --> 00:43:04,800

accountant yes

1143

00:43:09,190 --> 00:43:07,680

it's not much if and if you're in india

1144

00:43:12,309 --> 00:43:09,200

i've got no idea

1145

00:43:14,390 --> 00:43:12,319

sorry we can ask for vietnam it's how

1146

00:43:17,510 --> 00:43:14,400

many dong is it uh but anyway it's the

1147

00:43:18,550 --> 00:43:17,520

20th of the 21st of uh november

1148

00:43:19,990 --> 00:43:18,560

full

1149

00:43:21,829 --> 00:43:20,000

range of international and local

1150

00:43:24,790 --> 00:43:21,839

speakers from both australia new zealand

1151

00:43:26,630 --> 00:43:24,800

uh the uk russia russia russia

1152

00:43:28,550 --> 00:43:26,640

excellent speaker from russia who was a

1153

00:43:30,470 --> 00:43:28,560

bit of an expert at debunking uh myth

1154

00:43:32,550 --> 00:43:30,480

and he's part of the russian institute

1155

00:43:34,309 --> 00:43:32,560

of uh scientific research and uh

1156

00:43:35,309 --> 00:43:34,319

whatever it's called so get your tickets

1157

00:43:37,990 --> 00:43:35,319

now at

1158

00:43:39,670 --> 00:43:38,000

skepticon.org dot a u that's the ticket

1159

00:43:42,790 --> 00:43:39,680

folks you know you should you know you

1160

00:43:44,470 --> 00:43:42,800

should tim let's uh let's run down the

1161

00:43:46,230 --> 00:43:44,480

street and go to the club at the end of

1162

00:43:48,390 --> 00:43:46,240

the street because it's open again oh

1163

00:43:50,630 --> 00:43:48,400

excellent and we can have um for the

1164

00:43:52,950 --> 00:43:50,640

first time in months a hamburger and

1165

00:43:56,630 --> 00:43:52,960

chips or something i think your your

1166

00:44:00,870 --> 00:43:58,470

we should do that thank you tim my

1167

00:44:27,190 --> 00:44:00,880

pleasure

1168

00:44:30,630 --> 00:44:28,950

hey everyone this is professor dave i

1169

00:44:32,390 --> 00:44:30,640

want to teach you about all kinds of

1170

00:44:34,309 --> 00:44:32,400

things regarding science i want to tell

1171

00:44:37,990 --> 00:44:34,319

you about physics i want to tell you

1172

00:44:40,470 --> 00:44:38,000

about chemistry biology astronomy math

1173

00:44:42,470 --> 00:44:40,480

and many many more things come check me

1174

00:44:49,310 --> 00:44:42,480

out on youtube the channel is called

1175

00:44:49,320 --> 00:45:03,829

[Music]

1176

00:45:07,750 --> 00:45:05,910

now it's time once again to dive into

1177

00:45:09,750 --> 00:45:07,760

the trove the treasure trove of

1178

00:45:11,910 --> 00:45:09,760

digitized newspapers periodicals

1179

00:45:14,710 --> 00:45:11,920

gazettes magazines

1180

00:45:16,950 --> 00:45:14,720

and so on stored at the national library

1181

00:45:19,109 --> 00:45:16,960

of australia and of course available

1182

00:45:20,950 --> 00:45:19,119

online no matter where you are in the

1183

00:45:23,750 --> 00:45:20,960

world at trove

1184

00:45:26,230 --> 00:45:23,760

dot nla dot gov dot a u

1185

00:45:28,710 --> 00:45:26,240

and i thought we would revisit a classic

1186

00:45:30,309 --> 00:45:28,720

of skepticism a classic

1187

00:45:32,870 --> 00:45:30,319

one of the reasons i got interested in

1188

00:45:34,470 --> 00:45:32,880

the whole skeptical field

1189

00:45:36,550 --> 00:45:34,480

ufos

1190

00:45:38,309 --> 00:45:36,560

now i think this is the second time i've

1191

00:45:39,670 --> 00:45:38,319

looked into the subject

1192

00:45:41,589 --> 00:45:39,680

although

1193

00:45:45,030 --> 00:45:41,599

this time in the search

1194

00:45:46,390 --> 00:45:45,040

field i not only put the word ufo i also

1195

00:45:48,309 --> 00:45:46,400

put the word

1196

00:45:51,190 --> 00:45:48,319

alien

1197

00:45:52,790 --> 00:45:51,200

and many returns come to us from the

1198

00:45:54,870 --> 00:45:52,800

canberra times

1199

00:45:58,550 --> 00:45:54,880

so we'll start there on the 9th of

1200

00:46:01,270 --> 00:45:58,560

september in 1991.

1201

00:46:07,030 --> 00:46:01,280

a ufo expert hopes

1202

00:46:10,470 --> 00:46:08,150

sydney

1203

00:46:14,150 --> 00:46:10,480

the british author of 14 books on

1204

00:46:15,670 --> 00:46:14,160

unidentified flying objects hopes aliens

1205

00:46:16,510 --> 00:46:15,680

do not exist

1206

00:46:19,510 --> 00:46:16,520

if

1207

00:46:21,430 --> 00:46:19,520

extraterrestrials existed people had no

1208

00:46:24,790 --> 00:46:21,440

more control over their future than

1209

00:46:26,470 --> 00:46:24,800

animals jenny randles said after

1210

00:46:29,030 --> 00:46:26,480

addressing australia's first

1211

00:46:31,190 --> 00:46:29,040

international unidentified flying object

1212

00:46:33,109 --> 00:46:31,200

conference at the weekend

1213

00:46:35,829 --> 00:46:33,119

quote there's no doubt that if the

1214

00:46:39,510 --> 00:46:35,839

extraterrestrial hypothesis is correct

1215

00:46:41,510 --> 00:46:39,520

then the phenomenon is the ruling force

1216

00:46:42,550 --> 00:46:41,520

end quote she said

1217

00:46:45,589 --> 00:46:42,560

quote

1218

00:46:48,790 --> 00:46:45,599

we are not in control of it it is in

1219

00:46:51,190 --> 00:46:48,800

control of us effectively we are in the

1220

00:46:53,670 --> 00:46:51,200

position of animals in the wild who are

1221

00:46:55,109 --> 00:46:53,680

in the hands of human beings for their

1222

00:46:58,150 --> 00:46:55,119

future

1223

00:47:00,630 --> 00:46:58,160

preservation they can't save themselves

1224

00:47:03,109 --> 00:47:00,640

if they get wiped out they get wiped out

1225

00:47:05,589 --> 00:47:03,119

because of things we do

1226

00:47:08,309 --> 00:47:05,599

maybe not even intentionally

1227

00:47:11,589 --> 00:47:08,319

consequently other intelligence could

1228

00:47:14,150 --> 00:47:11,599

effectively do really bad things to the

1229

00:47:15,670 --> 00:47:14,160

human race either consciously or

1230

00:47:17,829 --> 00:47:15,680

unconsciously

1231

00:47:20,630 --> 00:47:17,839

it is beyond us

1232

00:47:24,549 --> 00:47:20,640

it is at the level of indifference from

1233

00:47:27,270 --> 00:47:24,559

us as we are from the animal kingdom and

1234

00:47:28,549 --> 00:47:27,280

that is what's frightening

1235

00:47:30,790 --> 00:47:28,559

end quote

1236

00:47:33,030 --> 00:47:30,800

miss randalls was one of a series of

1237

00:47:35,510 --> 00:47:33,040

international speakers on saturday at

1238

00:47:37,910 --> 00:47:35,520

the first day of the weekend conference

1239

00:47:38,950 --> 00:47:37,920

others included a united states research

1240

00:47:40,390 --> 00:47:38,960

leader

1241

00:47:44,790 --> 00:47:40,400

jerome clarke

1242

00:47:47,990 --> 00:47:44,800

and a former astronaut brian o'leary

1243

00:47:51,349 --> 00:47:48,000

miss randalls said she and many other

1244

00:47:54,309 --> 00:47:51,359

ufologists were trying desperately to

1245

00:47:56,790 --> 00:47:54,319

prove that alien life did not exist but

1246

00:48:00,790 --> 00:47:56,800

the only explanation that worked

1247

00:48:02,309 --> 00:48:00,800

quote even reasonably well and quote was

1248

00:48:03,190 --> 00:48:02,319

that they did

1249

00:48:05,109 --> 00:48:03,200

quote

1250

00:48:08,309 --> 00:48:05,119

it is a terrifying prospect because we

1251
00:48:11,349 --> 00:48:08,319
appear to be virtually pawns in the

1252
00:48:14,630 --> 00:48:11,359
hands of it and quote she said

1253
00:48:18,390 --> 00:48:14,640
quote the point is when you try to make

1254
00:48:20,950 --> 00:48:18,400
every other possible explanation fit

1255
00:48:23,589 --> 00:48:20,960
you are in some way

1256
00:48:25,910 --> 00:48:23,599
contriving it men quote

1257
00:48:28,390 --> 00:48:25,920
most reported incidents had simple

1258
00:48:31,589 --> 00:48:28,400
mundane explanations she said but

1259
00:48:34,069 --> 00:48:31,599
perhaps 20 000 cases had survived

1260
00:48:38,549 --> 00:48:34,079
intense scrutiny by clinical

1261
00:48:42,069 --> 00:48:38,559
psychologists psychiatrists sociologists

1262
00:48:44,630 --> 00:48:42,079
physicists and others stories of people

1263
00:48:47,270 --> 00:48:44,640

abducted by aliens indicated that alien

1264

00:48:50,069 --> 00:48:47,280

life was toying with humanity

1265

00:48:51,430 --> 00:48:50,079

quote what they are attempting to do is

1266

00:48:54,309 --> 00:48:51,440

study us

1267

00:48:57,510 --> 00:48:54,319

often in both psychological and

1268

00:48:59,990 --> 00:48:57,520

physiological fashions performing if you

1269

00:49:03,109 --> 00:49:00,000

like sampling operations medical

1270

00:49:05,190 --> 00:49:03,119

examinations things like that and also

1271

00:49:07,430 --> 00:49:05,200

psychological probing

1272

00:49:09,670 --> 00:49:07,440

secondly what they're trying to do is to

1273

00:49:12,390 --> 00:49:09,680

direct our society by subtle

1274

00:49:15,109 --> 00:49:12,400

intervention in other words by allowing

1275

00:49:18,470 --> 00:49:15,119

us to try to make the changes

1276

00:49:21,430 --> 00:49:18,480

so people who have been abducted are of

1277

00:49:24,950 --> 00:49:21,440

the impression they've been subtly

1278

00:49:26,150 --> 00:49:24,960

implanted with tasks to perform

1279

00:49:28,630 --> 00:49:26,160

unaware

1280

00:49:30,950 --> 00:49:28,640

of the purposes themselves

1281

00:49:32,630 --> 00:49:30,960

end quote

1282

00:49:35,510 --> 00:49:32,640

1991

1283

00:49:37,670 --> 00:49:35,520

so 30 years ago

1284

00:49:39,030 --> 00:49:37,680

i think these aliens like playing the

1285

00:49:43,829 --> 00:49:39,040

long game

1286

00:49:44,950 --> 00:49:43,839

comes from the news from adelaide south

1287

00:49:49,349 --> 00:49:44,960

australia

1288

00:49:51,510 --> 00:49:49,359

on the 25th of august 1954

1289

00:49:52,950 --> 00:49:51,520

flying saucer man

1290

00:49:55,190 --> 00:49:52,960

friendly

1291

00:49:58,470 --> 00:49:55,200

oslo tuesday

1292

00:50:00,950 --> 00:49:58,480

police in north and central norway are

1293

00:50:03,349 --> 00:50:00,960

setting off today in search of any trace

1294

00:50:05,510 --> 00:50:03,359

of a flying saucer

1295

00:50:07,829 --> 00:50:05,520

from which two young women reported

1296

00:50:09,580 --> 00:50:07,839

seeing a quote

1297

00:50:10,829 --> 00:50:09,590

dork

1298

00:50:14,069 --> 00:50:10,839

[Music]

1299

00:50:16,630 --> 00:50:14,079

dork dork what

1300

00:50:18,630 --> 00:50:16,640

yep that's exactly what it says dork

1301
00:50:23,030 --> 00:50:18,640
dork

1302
00:50:26,710 --> 00:50:23,040
long head

1303
00:50:28,470 --> 00:50:26,720
foreign looking man end quote emerge

1304
00:50:30,230 --> 00:50:28,480
a door came

1305
00:50:32,950 --> 00:50:30,240
they said they saw the man while they

1306
00:50:35,910 --> 00:50:32,960
were picking berries they described him

1307
00:50:38,630 --> 00:50:35,920
as appearing friendly and anxious to

1308
00:50:39,670 --> 00:50:38,640
talk but wasn't able to understand

1309
00:50:41,030 --> 00:50:39,680
english

1310
00:50:42,710 --> 00:50:41,040
french

1311
00:50:46,549 --> 00:50:42,720
or german

1312
00:50:47,910 --> 00:50:46,559
and norwegian too i suspect

1313
00:50:50,150 --> 00:50:47,920

after the man

1314

00:50:52,950 --> 00:50:50,160

vainly tried to explain himself with

1315

00:50:54,870 --> 00:50:52,960

words gestures and drawings he climbed

1316

00:50:57,670 --> 00:50:54,880

into the saucer

1317

00:50:59,270 --> 00:50:57,680

which rose straight into the air

1318

00:51:01,750 --> 00:50:59,280

and disappeared

1319

00:51:04,710 --> 00:51:01,760

they said the saucer was about 16 feet

1320

00:51:06,069 --> 00:51:04,720

in diameter and looked like two sources

1321

00:51:09,190 --> 00:51:06,079

put together

1322

00:51:10,630 --> 00:51:09,200

it started with a slight humming sound

1323

00:51:13,349 --> 00:51:10,640

like a bee

1324

00:51:17,829 --> 00:51:13,359

then rose at great speed

1325

00:51:19,510 --> 00:51:17,839

the man wore a kind of a khaki overall

1326
00:51:22,470 --> 00:51:19,520
or khaki

1327
00:51:23,990 --> 00:51:22,480
without buttons but possibly

1328
00:51:25,510 --> 00:51:24,000
with the belt

1329
00:51:27,910 --> 00:51:25,520
when police questioned the women

1330
00:51:30,390 --> 00:51:27,920
separately both told similar stories

1331
00:51:34,630 --> 00:51:30,400
with only minor divergences

1332
00:51:39,349 --> 00:51:36,390
might have been a slowed news day back

1333
00:51:41,990 --> 00:51:39,359
in august 1954

1334
00:51:43,670 --> 00:51:42,000
and now we skip ahead to the 1st of june

1335
00:51:46,470 --> 00:51:43,680
1987.

1336
00:51:49,510 --> 00:51:46,480
once again from the canberra times

1337
00:51:50,470 --> 00:51:49,520
allegations of alien cover-up london

1338
00:51:53,030 --> 00:51:50,480

sunday

1339

00:51:56,150 --> 00:51:53,040

australian associated press

1340

00:51:58,069 --> 00:51:56,160

the bodies of four aliens from a ufo

1341

00:51:59,190 --> 00:51:58,079

which crashed in the united states 40

1342

00:52:01,670 --> 00:51:59,200

years ago

1343

00:52:04,630 --> 00:52:01,680

were removed and examined by a special

1344

00:52:06,549 --> 00:52:04,640

government team according to top secret

1345

00:52:09,190 --> 00:52:06,559

documents obtained by a british

1346

00:52:11,349 --> 00:52:09,200

researcher a report in the national

1347

00:52:15,270 --> 00:52:11,359

sunday newspaper in britain said a

1348

00:52:17,750 --> 00:52:15,280

committee codenamed majestic 12

1349

00:52:18,549 --> 00:52:17,760

was involved in the recovery operation

1350

00:52:20,790 --> 00:52:18,559

and

1351
00:52:23,109 --> 00:52:20,800
the subsequent cover-up

1352
00:52:25,270 --> 00:52:23,119
the observer newspaper said it had seen

1353
00:52:28,549 --> 00:52:25,280
the documents which claim

1354
00:52:31,510 --> 00:52:28,559
the then head of the cia admiral roscoe

1355
00:52:33,430 --> 00:52:31,520
hillenkotter reported that quote

1356
00:52:36,069 --> 00:52:33,440
although these creatures are human-like

1357
00:52:39,030 --> 00:52:36,079
in appearance the biological and

1358
00:52:41,910 --> 00:52:39,040
evolutionary processes responsible for

1359
00:52:44,630 --> 00:52:41,920
their development have apparently been

1360
00:52:47,349 --> 00:52:44,640
quite different from those observed or

1361
00:52:48,470 --> 00:52:47,359
postulated in homo sapiens

1362
00:52:50,549 --> 00:52:48,480
end quote

1363
00:52:52,790 --> 00:52:50,559

the document purports to be a briefing

1364

00:52:56,790 --> 00:52:52,800

paper for president eisenhower on

1365

00:52:59,910 --> 00:52:56,800

operation majestic 12 or mj-12

1366

00:53:02,950 --> 00:52:59,920

a leading british ufo researcher mr

1367

00:53:06,309 --> 00:53:02,960

timothy good claims in his book above

1368

00:53:08,390 --> 00:53:06,319

top secret the worldwide ufo cover-up

1369

00:53:11,430 --> 00:53:08,400

that majestic 12 was a committee of

1370

00:53:14,309 --> 00:53:11,440

senior u.s officials which investigated

1371

00:53:15,349 --> 00:53:14,319

and then covered up flying saucer

1372

00:53:18,230 --> 00:53:15,359

crashes

1373

00:53:21,589 --> 00:53:18,240

some ufo experts believe the story could

1374

00:53:24,150 --> 00:53:21,599

be a hoax involving the planting in the

1375

00:53:27,190 --> 00:53:24,160

files of air force intelligence a

1376
00:53:28,870 --> 00:53:27,200
separate white house memo which supports

1377
00:53:30,950 --> 00:53:28,880
the briefing paper

1378
00:53:33,990 --> 00:53:30,960
the observer said inquiries had been

1379
00:53:36,309 --> 00:53:34,000
unable to authenticate the document but

1380
00:53:39,670 --> 00:53:36,319
evidence had been found to support the

1381
00:53:40,870 --> 00:53:39,680
existence of the mysterious mj12

1382
00:53:43,589 --> 00:53:40,880
committee

1383
00:53:45,990 --> 00:53:43,599
in the briefing paper detailing the

1384
00:53:49,750 --> 00:53:46,000
discovery of the alien bodies it was

1385
00:53:54,470 --> 00:53:49,760
reported that on june 24 1947

1386
00:53:57,589 --> 00:53:54,480
disc shape aircraft were cited in the us

1387
00:54:00,630 --> 00:53:57,599
little was learned until a local rancher

1388
00:54:03,990 --> 00:54:00,640

reported one had crashed in new mexico

1389

00:54:08,549 --> 00:54:04,000

end quote the briefing paper said

1390

00:54:11,670 --> 00:54:08,559

it continues quote on july 7 1947 a

1391

00:54:14,150 --> 00:54:11,680

secret operation began to assure

1392

00:54:16,230 --> 00:54:14,160

recovery of the wreckage for scientific

1393

00:54:18,790 --> 00:54:16,240

study during the course of this

1394

00:54:21,589 --> 00:54:18,800

operation aerial reconnaissance

1395

00:54:24,309 --> 00:54:21,599

discovered that four small human-like

1396

00:54:27,270 --> 00:54:24,319

beings had apparently ejected from the

1397

00:54:30,150 --> 00:54:27,280

craft before it exploded end quote

1398

00:54:33,270 --> 00:54:30,160

extensive searches of the archives of

1399

00:54:35,109 --> 00:54:33,280

u.s presidents truman and eisenhower and

1400

00:54:37,430 --> 00:54:35,119

the national archives

1401

00:54:39,190 --> 00:54:37,440

had failed to turn up a copy of the

1402

00:54:42,549 --> 00:54:39,200

briefing paper

1403

00:54:44,950 --> 00:54:42,559

it seems no evidence of the alien body's

1404

00:54:48,230 --> 00:54:44,960

remains either

1405

00:54:49,190 --> 00:54:48,240

and that again was from 1987

1406

00:54:51,270 --> 00:54:49,200

oh

1407

00:54:54,549 --> 00:54:51,280

roswell new mexico

1408

00:54:56,710 --> 00:54:54,559

you are the ufo gift that just keeps on

1409

00:54:58,230 --> 00:54:56,720

giving over the decades although you

1410

00:55:00,150 --> 00:54:58,240

don't hear much

1411

00:55:04,950 --> 00:55:00,160

about that anymore

1412

00:55:09,270 --> 00:55:06,630

majestic 12

1413

00:55:11,589 --> 00:55:09,280

also known as mj12 for short is a

1414

00:55:14,549 --> 00:55:11,599

purported organization that appears in

1415

00:55:17,109 --> 00:55:14,559

ufo conspiracy theories

1416

00:55:20,549 --> 00:55:17,119

the organization is claimed to be the

1417

00:55:22,549 --> 00:55:20,559

code name of an alleged secret committee

1418

00:55:25,670 --> 00:55:22,559

of scientists military leaders and

1419

00:55:28,150 --> 00:55:25,680

government officials formed in 1947

1420

00:55:30,710 --> 00:55:28,160

by an executive order by u.s president

1421

00:55:33,270 --> 00:55:30,720

harry s truman to facilitate recovery

1422

00:55:35,510 --> 00:55:33,280

and investigation of alien spacecraft

1423

00:55:37,829 --> 00:55:35,520

the concept originated in a series of

1424

00:55:40,789 --> 00:55:37,839

supposedly leaked secret government

1425

00:55:44,150 --> 00:55:40,799

documents first circulated by ufologists

1426
00:55:47,510 --> 00:55:44,160
in 1984. upon examination the federal

1427
00:55:49,430 --> 00:55:47,520
bureau of investigation fbi declared the

1428
00:55:50,630 --> 00:55:49,440
documents to be

1429
00:55:51,829 --> 00:55:50,640
completely

1430
00:55:54,870 --> 00:55:51,839
bogus

1431
00:55:55,750 --> 00:55:54,880
and many ufologists consider them to be

1432
00:55:57,270 --> 00:55:55,760
an

1433
00:55:59,670 --> 00:55:57,280
elaborate hoax

1434
00:56:02,630 --> 00:55:59,680
majestic 12 remains popular among some

1435
00:56:04,470 --> 00:56:02,640
ufo conspiracy theorists and the concept

1436
00:56:06,630 --> 00:56:04,480
has appeared

1437
00:56:09,349 --> 00:56:06,640
in popular culture including television

1438
00:56:12,230 --> 00:56:09,359

film and literature

1439

00:56:13,910 --> 00:56:12,240

but there i think we'll leave the ufos

1440

00:56:16,630 --> 00:56:13,920

for this week

1441

00:56:20,390 --> 00:56:16,640

i wonder what happened in norway

1442

00:56:24,150 --> 00:56:21,990

those

1443

00:56:25,589 --> 00:56:24,160

women picking berries

1444

00:56:33,670 --> 00:56:25,599

frightened

1445

00:56:36,190 --> 00:56:33,680

ufos and all sorts of things

1446

00:56:38,789 --> 00:56:36,200

by visiting trove

1447

00:56:40,309 --> 00:56:38,799

trove.nla.gov dot a u researching

1448

00:56:42,950 --> 00:56:40,319

searching

1449

00:56:44,390 --> 00:56:42,960

the archives of australian newspapers

1450

00:56:47,730 --> 00:56:44,400

and you never know

1451

00:57:06,549 --> 00:56:47,740

what you will find

1452

00:57:11,670 --> 00:57:08,150

thank you for listening to the skeptic

1453

00:57:13,430 --> 00:57:11,680

zone podcast now last week's episode as

1454

00:57:15,670 --> 00:57:13,440

you may recall was dedicated to the

1455

00:57:17,750 --> 00:57:15,680

memory of michael wallahan one of the

1456

00:57:20,549 --> 00:57:17,760

original reporters on the show who sadly

1457

00:57:22,630 --> 00:57:20,559

died a couple of weeks ago and a few

1458

00:57:24,630 --> 00:57:22,640

days ago i went to uh

1459

00:57:26,630 --> 00:57:24,640

to michael's funeral it was a very

1460

00:57:28,710 --> 00:57:26,640

moving funeral

1461

00:57:31,430 --> 00:57:28,720

and it was interesting because uh

1462

00:57:33,670 --> 00:57:31,440

michael was a huge science fiction fan

1463

00:57:35,670 --> 00:57:33,680

and even william shatner got a mention

1464

00:57:37,270 --> 00:57:35,680

at michael's funeral because

1465

00:57:39,829 --> 00:57:37,280

michael would have got a

1466

00:57:42,870 --> 00:57:39,839

got a big kick out of the fact that

1467

00:57:44,150 --> 00:57:42,880

william shatner went into space

1468

00:57:45,670 --> 00:57:44,160

and on

1469

00:57:47,990 --> 00:57:45,680

the

1470

00:57:50,710 --> 00:57:48,000

little order of service

1471

00:57:52,470 --> 00:57:50,720

handed out at michael's funeral

1472

00:57:55,349 --> 00:57:52,480

was the following line

1473

00:57:58,150 --> 00:57:55,359

may his spirit reside somewhere in space

1474

00:58:00,150 --> 00:57:58,160

the final frontier upon the voyage of

1475

00:58:01,910 --> 00:58:00,160

the starship enterprise

1476

00:58:06,309 --> 00:58:01,920

where it may go

1477

00:58:07,750 --> 00:58:06,319

to where no man has boldly gone before

1478

00:58:10,230 --> 00:58:07,760

i though that was

1479

00:58:11,750 --> 00:58:10,240

that was just really touching knowing

1480

00:58:16,150 --> 00:58:11,760

michael

1481

00:58:18,150 --> 00:58:16,160

another big thank you to those people

1482

00:58:21,349 --> 00:58:18,160

who contributed the show via patreon or

1483

00:58:22,789 --> 00:58:21,359

paypal at skepticzone.tv

1484

00:58:25,109 --> 00:58:22,799

your

1485

00:58:27,109 --> 00:58:25,119

monthly contributions

1486

00:58:29,510 --> 00:58:27,119

mean the show keeps going and thank you

1487

00:58:32,230 --> 00:58:29,520

to those people who occasionally chip in

1488

00:58:34,630 --> 00:58:32,240

because you can chip in you know

1489

00:58:35,430 --> 00:58:34,640

and that certainly does help the show as

1490

00:58:37,589 --> 00:58:35,440

well

1491

00:58:39,109 --> 00:58:37,599

if it wasn't for people like you people

1492

00:58:41,430 --> 00:58:39,119

who contribute

1493

00:58:43,589 --> 00:58:41,440

there would be no skeptic zone

1494

00:58:46,390 --> 00:58:43,599

coming up on next week's show more book

1495

00:58:48,069 --> 00:58:46,400

of tim and part two

1496

00:58:49,589 --> 00:58:48,079

of our interview with dr karl

1497

00:58:52,549 --> 00:58:49,599

kruzelniski

1498

00:58:55,030 --> 00:58:52,559

and as we were chatting it occurred to

1499

00:58:57,349 --> 00:58:55,040

me that dr carl and i quite

1500

00:58:59,430 --> 00:58:57,359

independently of each other have

1501

00:59:02,630 --> 00:58:59,440

reasonably similar

1502

00:59:05,750 --> 00:59:02,640

setups for our our home studios that's

1503

00:59:08,150 --> 00:59:05,760

quite interesting but for this week this

1504

00:59:13,990 --> 00:59:08,160

is richard saunders signing off from

1505

00:59:17,190 --> 00:59:15,750

you've been listening to the skeptic

1506

00:59:18,549 --> 00:59:17,200

zone podcast

1507

00:59:21,750 --> 00:59:18,559

please visit our website at

1508

00:59:27,349 --> 00:59:24,870

for show notes contacts and to access

1509

00:59:29,589 --> 00:59:27,359

the back catalog of episodes going back

1510

00:59:31,510 --> 00:59:29,599

to 2008.

1511

00:59:32,390 --> 00:59:31,520

you can follow the skeptic zone podcast

1512

00:59:34,309 --> 00:59:32,400

on twitter

1513

00:59:36,470 --> 00:59:34,319

at skepticzone

1514

00:59:38,710 --> 00:59:36,480

visit our facebook page or leave a

1515

00:59:40,789 --> 00:59:38,720

review on itunes

1516

00:59:44,069 --> 00:59:40,799

you can also support the skeptic zone

1517

00:59:47,349 --> 00:59:44,079

via patreon or paypal the skeptic zone

1518

00:59:49,030 --> 00:59:47,359

podcast is an independent production the

1519

00:59:51,270 --> 00:59:49,040

views and opinions expressed on the

1520

00:59:53,829 --> 00:59:51,280

skeptic zone are not necessarily those