

Episode **695**

THE  
**SKEPTIC  
ZONE**  
PODCAST

30 January 2022

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

The Skeptic Zone Podcast  
Episode 695 - 30 January 2022



Craig Good

The Skeptic Zone Podcast  
Episode 695 - 30 January 2022



Richard Saunders

The Skeptic Zone Podcast  
Episode 695 - 30 January 2022



Adrienne Hill

Relax and enjoy your food  
with Craig Good

Australian Skeptics news  
with Adrienne Hill

Upcoming events  
and a sad COVID death

TROVE  
"Kirlian Photography"



1  
00:00:09,190 --> 00:00:06,550

[Music]

2  
00:00:13,940 --> 00:00:09,200

welcome to the skeptic zone the podcast

3  
00:00:16,840 --> 00:00:13,950

from australia for science and reason

4  
00:00:24,710 --> 00:00:16,850

[Applause]

5  
00:00:28,830 --> 00:00:26,630

yes it's the skeptic's own podcast

6  
00:00:32,709 --> 00:00:28,840

episode number

7  
00:00:34,870 --> 00:00:32,719

695 for the 30th of january

8  
00:00:39,190 --> 00:00:34,880

2022 richard saunders coming to you from

9  
00:00:41,389 --> 00:00:39,200

sydney australia yes 695 last week's

10  
00:00:46,310 --> 00:00:41,399

on last week's episode i said it was

11  
00:00:48,150 --> 00:00:46,320

649 i got the numbers mixed up i'm sure

12  
00:00:50,150 --> 00:00:48,160

no one got confused about that except

13  
00:00:51,510 --> 00:00:50,160

for me apparently

14

00:00:53,590 --> 00:00:51,520

today i'm

15

00:00:55,830 --> 00:00:53,600

recording from near the skeptic's own

16

00:00:57,830 --> 00:00:55,840

studios in a park and i thought i'd

17

00:00:59,670 --> 00:00:57,840

bring you the sounds of the street why

18

00:01:01,110 --> 00:00:59,680

not something a bit different

19

00:01:02,950 --> 00:01:01,120

so apart from the traffic the other

20

00:01:05,830 --> 00:01:02,960

sounds you're hearing

21

00:01:08,149 --> 00:01:05,840

are the cicadas in the tree

22

00:01:11,429 --> 00:01:08,159

cicadas are very

23

00:01:13,750 --> 00:01:11,439

very loud sometimes during summer

24

00:01:16,550 --> 00:01:13,760

so loud in fact that sometimes i even

25

00:01:19,109 --> 00:01:16,560

have to stop recording in the studio

26

00:01:21,429 --> 00:01:19,119

and there's another reason i'm here

27

00:01:23,590 --> 00:01:21,439

in the park i'll get to that in a moment

28

00:01:27,109 --> 00:01:23,600

coming up on this week's show

29

00:01:29,270 --> 00:01:27,119

i interview author craig goode

30

00:01:30,870 --> 00:01:29,280

from california who's written a book

31

00:01:32,950 --> 00:01:30,880

called relax

32

00:01:35,749 --> 00:01:32,960

and enjoy your food

33

00:01:38,390 --> 00:01:35,759

what a tempting title that is

34

00:01:43,510 --> 00:01:38,400

it's all about food fads

35

00:01:46,389 --> 00:01:43,520

food myths and uh food misconceptions

36

00:01:49,429 --> 00:01:46,399

what about gmo what about paleo find out

37

00:01:50,550 --> 00:01:49,439

with craig good coming up at the top of

38

00:01:51,990 --> 00:01:50,560

the show

39

00:01:54,230 --> 00:01:52,000

following that it's the australian

40

00:01:57,590 --> 00:01:54,240

skeptic's newsletter

41

00:01:59,910 --> 00:01:57,600

written by tim menden but read by adrian

42

00:02:01,590 --> 00:01:59,920

hill in canada

43

00:02:03,270 --> 00:02:01,600

then to round off the show in the trove

44

00:02:06,069 --> 00:02:03,280

segment we look at that

45

00:02:07,190 --> 00:02:06,079

muchly forgotten muchly forgotten mostly

46

00:02:09,350 --> 00:02:07,200

forgotten

47

00:02:11,589 --> 00:02:09,360

something that you sort of remember from

48

00:02:13,270 --> 00:02:11,599

years ago maybe

49

00:02:15,589 --> 00:02:13,280

uh

50

00:02:18,470 --> 00:02:15,599

so-called paranormal

51

00:02:20,949 --> 00:02:18,480

phenomenon of uh

52

00:02:24,949 --> 00:02:20,959

curling photography

53

00:02:28,229 --> 00:02:24,959

photographing so-called

54

00:02:30,869 --> 00:02:28,239

auras and bits of spirit and and so on

55

00:02:32,309 --> 00:02:30,879

it's an interesting segment because

56

00:02:33,350 --> 00:02:32,319

i couldn't find

57

00:02:35,509 --> 00:02:33,360

much that

58

00:02:37,350 --> 00:02:35,519

dealt with it directly so we get a lot

59

00:02:38,550 --> 00:02:37,360

of tangents we get a lot of stories that

60

00:02:40,869 --> 00:02:38,560

sort of

61

00:02:43,910 --> 00:02:40,879

mention it in passing

62

00:02:45,270 --> 00:02:43,920

but lead to other interesting things

63

00:02:48,949 --> 00:02:45,280

including

64

00:02:52,150 --> 00:02:48,959

the case of a would-be yuri gella

65

00:02:54,470 --> 00:02:52,160

a young girl in california in the 1970s

66

00:02:56,470 --> 00:02:54,480

who was bending spoons

67

00:02:59,589 --> 00:02:56,480

very interesting story

68

00:03:01,190 --> 00:02:59,599

now as i chat to you and the cicadas are

69

00:03:04,470 --> 00:03:01,200

chirping i guess they chirp they sing

70

00:03:06,550 --> 00:03:04,480

they whatever they do

71

00:03:08,309 --> 00:03:06,560

loudly the cars are going by and there

72

00:03:10,630 --> 00:03:08,319

are people walking about

73

00:03:12,869 --> 00:03:10,640

i'm also near a sign on the street here

74

00:03:13,670 --> 00:03:12,879

that says school zone

75

00:03:16,710 --> 00:03:13,680

8

76

00:03:19,990 --> 00:03:16,720

to 9 30 a.m

77

00:03:22,149 --> 00:03:20,000

2 30 to 4 p.m school days 40 kilometers

78

00:03:23,589 --> 00:03:22,159

an hour and it has flashing lights which

79

00:03:25,509 --> 00:03:23,599

reminds me

80

00:03:27,030 --> 00:03:25,519

and it's good to be reminded

81

00:03:29,509 --> 00:03:27,040

that for

82

00:03:33,350 --> 00:03:29,519

uh the vast majority of students school

83

00:03:35,270 --> 00:03:33,360

starts again this week in australia

84

00:03:37,830 --> 00:03:35,280

not only for the vast majority of

85

00:03:40,149 --> 00:03:37,840

students of course but for teachers

86

00:03:42,550 --> 00:03:40,159

so i want to give a special

87

00:03:43,990 --> 00:03:42,560

shout out to teachers

88

00:03:45,589 --> 00:03:44,000

teachers all over the country who are

89

00:03:47,830 --> 00:03:45,599

going back

90

00:03:49,990 --> 00:03:47,840

and where would we be without the

91

00:03:52,630 --> 00:03:50,000

teachers out there

92

00:03:54,470 --> 00:03:52,640

who are often unsung

93

00:03:56,710 --> 00:03:54,480

who work long

94

00:03:57,910 --> 00:03:56,720

hours and have to put up with an awful

95

00:04:00,949 --> 00:03:57,920

lot

96

00:04:02,630 --> 00:04:00,959

where would we be so a big shout out and

97

00:04:06,470 --> 00:04:02,640

to let you know

98

00:04:10,309 --> 00:04:08,229

oh there goes a plane so we're getting

99

00:04:12,830 --> 00:04:10,319

the full gamut of sounds near the

100

00:04:15,830 --> 00:04:12,840

skeptic's own studio

101  
00:04:17,830 --> 00:04:15,840  
today anyway now it's time for me to run

102  
00:04:18,789 --> 00:04:17,840  
around the corner

103  
00:04:20,870 --> 00:04:18,799  
um

104  
00:04:22,550 --> 00:04:20,880  
run around the corner to a little coffee

105  
00:04:24,390 --> 00:04:22,560  
shop which is nearby

106  
00:04:26,629 --> 00:04:24,400  
get a nice flat white coffee while i do

107  
00:04:38,610 --> 00:04:26,639  
that i hope you enjoy

108  
00:04:48,230 --> 00:04:46,230  
[Music]

109  
00:04:50,550 --> 00:04:48,240  
well folks i don't know about you but

110  
00:04:53,270 --> 00:04:50,560  
after christmas and all this pandemic

111  
00:04:55,670 --> 00:04:53,280  
i'm sort of looking around for the next

112  
00:04:57,909 --> 00:04:55,680  
fad diet to try what will i do folks

113  
00:05:00,230 --> 00:04:57,919

will it be keto will it be paleo maybe i

114

00:05:02,469 --> 00:05:00,240

should go gluten free

115

00:05:04,790 --> 00:05:02,479

i just don't know but somebody who does

116

00:05:07,670 --> 00:05:04,800

know is my guest today on the skeptic

117

00:05:10,310 --> 00:05:07,680

zone all the way from vallejo california

118

00:05:12,469 --> 00:05:10,320

in the bay area an area i know well it's

119

00:05:13,830 --> 00:05:12,479

craig good hello craig

120

00:05:16,070 --> 00:05:13,840

hello richard

121

00:05:17,430 --> 00:05:16,080

it's good to catch up with you i'm

122

00:05:19,510 --> 00:05:17,440

we're

123

00:05:21,990 --> 00:05:19,520

videoing as we do these days and i see

124

00:05:23,990 --> 00:05:22,000

you're wearing that great skeptoid shirt

125

00:05:25,270 --> 00:05:24,000

with the science is greater than

126

00:05:26,950 --> 00:05:25,280

superstition

127

00:05:28,629 --> 00:05:26,960

exactly it seemed

128

00:05:30,390 --> 00:05:28,639

i was going to say it i chose it

129

00:05:33,909 --> 00:05:30,400

especially but honestly it was just the

130

00:05:37,749 --> 00:05:35,909

well we won't tell brian dunnington yeah

131

00:05:39,909 --> 00:05:37,759

it's like we can just be

132

00:05:41,749 --> 00:05:39,919

it is i i've got a skeptoid shirt and

133

00:05:43,350 --> 00:05:41,759

sometimes i wear it when it comes up in

134

00:05:47,590 --> 00:05:43,360

the cupboard but i tell brian that oh

135

00:05:51,430 --> 00:05:49,189

but anyway let's get back to this

136

00:05:53,189 --> 00:05:51,440

interesting topic you have released a

137

00:05:56,150 --> 00:05:53,199

book and it's what an interesting title

138

00:05:58,790 --> 00:05:56,160

it is relax and enjoy your food save

139

00:06:02,309 --> 00:05:58,800

your money your health and your sanity

140

00:06:05,350 --> 00:06:02,319

by separating fat from flap doodle

141

00:06:10,070 --> 00:06:05,360

what's the idea behind this book uh it's

142

00:06:14,629 --> 00:06:12,469

astonishingly enough uh

143

00:06:16,710 --> 00:06:14,639

i wrote it to be kind of an accessible

144

00:06:17,830 --> 00:06:16,720

way to look at your relationship with

145

00:06:18,710 --> 00:06:17,840

food

146

00:06:21,110 --> 00:06:18,720

um

147

00:06:22,309 --> 00:06:21,120

i i've i've long been interested in food

148

00:06:24,309 --> 00:06:22,319

everybody's interested in food because

149

00:06:26,469 --> 00:06:24,319

we all eat uh

150

00:06:27,830 --> 00:06:26,479

but i've enjoyed cooking and you know

151  
00:06:29,670 --> 00:06:27,840  
long time subscriber to cooks

152  
00:06:32,950 --> 00:06:29,680  
illustrated and things

153  
00:06:35,270 --> 00:06:32,960  
but also i got an up close

154  
00:06:37,189 --> 00:06:35,280  
look at how important the relationship

155  
00:06:39,670 --> 00:06:37,199  
with food is when my daughter was

156  
00:06:41,510 --> 00:06:39,680  
diagnosed with anorexia

157  
00:06:44,150 --> 00:06:41,520  
and helping them

158  
00:06:46,950 --> 00:06:44,160  
through that recovery was

159  
00:06:50,309 --> 00:06:46,960  
a very educational experience

160  
00:06:51,510 --> 00:06:50,319  
and so you know you look around people

161  
00:06:53,510 --> 00:06:51,520  
like you said they're looking for the

162  
00:06:55,589 --> 00:06:53,520  
next fad diet they're looking for the

163  
00:06:57,189 --> 00:06:55,599

magic bullet yeah they're worried about

164

00:06:58,870 --> 00:06:57,199

what ingredients they're eating they're

165

00:07:00,390 --> 00:06:58,880

wondering are am i eating the right

166

00:07:01,990 --> 00:07:00,400

foods am i eating at the right time of

167

00:07:02,950 --> 00:07:02,000

day am i eating the right combination of

168

00:07:05,189 --> 00:07:02,960

things

169

00:07:06,629 --> 00:07:05,199

and it turns out that pretty much none

170

00:07:08,390 --> 00:07:06,639

of that matters that's interesting

171

00:07:10,629 --> 00:07:08,400

because i mean

172

00:07:13,510 --> 00:07:10,639

you know in the last well what can i say

173

00:07:16,469 --> 00:07:13,520

two decades especially it just seems to

174

00:07:20,309 --> 00:07:18,390

so-called breakthrough after another

175

00:07:22,710 --> 00:07:20,319

after another when it comes to what you

176

00:07:24,390 --> 00:07:22,720

should eat or what you shouldn't eat

177

00:07:26,950 --> 00:07:24,400

and i think

178

00:07:27,830 --> 00:07:26,960

the the one that i see mostly out and

179

00:07:32,230 --> 00:07:27,840

about

180

00:07:33,830 --> 00:07:32,240

gluten-free

181

00:07:36,150 --> 00:07:33,840

what's your take

182

00:07:38,629 --> 00:07:36,160

on on the gluten-free fad could we call

183

00:07:41,990 --> 00:07:38,639

it a fad do we call it a craze

184

00:07:44,070 --> 00:07:42,000

there is a gluten-free fad

185

00:07:47,510 --> 00:07:44,080

but this one's a little complicated

186

00:07:49,990 --> 00:07:47,520

because there are people who do need to

187

00:07:52,869 --> 00:07:50,000

avoid gluten those are people who have

188

00:07:55,270 --> 00:07:52,879

celiac disease it's an autoimmune thing

189

00:07:57,270 --> 00:07:55,280

and gluten will

190

00:07:59,189 --> 00:07:57,280

ruin their day it's really you know even

191

00:08:00,710 --> 00:07:59,199

a little bit of it uh but if you're

192

00:08:02,390 --> 00:08:00,720

someone who says i just feel better on

193

00:08:04,150 --> 00:08:02,400

days when i don't eat gluten you've

194

00:08:06,309 --> 00:08:04,160

fallen for the fad

195

00:08:07,830 --> 00:08:06,319

right if your doctor has told you

196

00:08:09,350 --> 00:08:07,840

stay away from the gluten this is why

197

00:08:11,510 --> 00:08:09,360

you're getting that horrible upset

198

00:08:13,430 --> 00:08:11,520

stomach and things uh that's a different

199

00:08:15,110 --> 00:08:13,440

story do you know

200

00:08:17,670 --> 00:08:15,120

roughly how many people in the

201  
00:08:20,469 --> 00:08:17,680  
population would need to sincerely steer

202  
00:08:22,070 --> 00:08:20,479  
clear of gluten i don't know that number

203  
00:08:22,950 --> 00:08:22,080  
i'm not going to make it up i believe

204  
00:08:26,150 --> 00:08:22,960  
it's

205  
00:08:28,230 --> 00:08:26,160  
uh in the low single digits of a percent

206  
00:08:30,469 --> 00:08:28,240  
right because

207  
00:08:32,230 --> 00:08:30,479  
it's interesting because as i say and

208  
00:08:33,589 --> 00:08:32,240  
you've probably seen the same thing

209  
00:08:35,029 --> 00:08:33,599  
yourself and no doubt our listeners when

210  
00:08:37,029 --> 00:08:35,039  
you're out and about in the supermarkets

211  
00:08:39,909 --> 00:08:37,039  
or whatever there are

212  
00:08:41,909 --> 00:08:39,919  
there are uh multitudes there are

213  
00:08:44,230 --> 00:08:41,919

shelves devoted to gluten-free you can

214

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

get gluten-free

215

00:08:48,389 --> 00:08:46,560

everything you know it's it's it's

216

00:08:51,110 --> 00:08:48,399

gluten-free bacon i've seen that at my

217

00:08:52,870 --> 00:08:51,120

store gluten-free bacon well that's my

218

00:08:54,710 --> 00:08:52,880

mistake that's what i should be yeah

219

00:08:56,550 --> 00:08:54,720

that's what i should be aiming for but

220

00:08:59,990 --> 00:08:56,560

but you'd agree with me it's it's an

221

00:09:02,790 --> 00:09:00,000

incredible marketing uh tool yeah it's

222

00:09:04,230 --> 00:09:02,800

it's all about marketing and what i rail

223

00:09:06,710 --> 00:09:04,240

against in the book is

224

00:09:09,750 --> 00:09:06,720

fear-based marketing right there are

225

00:09:11,509 --> 00:09:09,760

there are a lot of a lot of companies

226

00:09:13,910 --> 00:09:11,519

have spent a lot of money making you

227

00:09:15,430 --> 00:09:13,920

afraid of things so they can you know

228

00:09:17,509 --> 00:09:15,440

give someone a problem and then offer a

229

00:09:20,949 --> 00:09:17,519

solution yes

230

00:09:24,550 --> 00:09:20,959

so uh when you see terms like organic

231

00:09:26,550 --> 00:09:24,560

natural non-gmo

232

00:09:27,590 --> 00:09:26,560

those are all just fear-based marketing

233

00:09:29,750 --> 00:09:27,600

terms

234

00:09:32,150 --> 00:09:29,760

and this is something you you talk about

235

00:09:33,670 --> 00:09:32,160

in the book it's it's

236

00:09:35,350 --> 00:09:33,680

you know it's a sign of our times that

237

00:09:36,870 --> 00:09:35,360

these fear-based marketing things have

238

00:09:38,790 --> 00:09:36,880

such um

239

00:09:40,790 --> 00:09:38,800

carry such weight especially when you go

240

00:09:41,990 --> 00:09:40,800

to the supermarket and now as i said

241

00:09:43,750 --> 00:09:42,000

with the um

242

00:09:45,910 --> 00:09:43,760

with the gluten-free it's it's very

243

00:09:48,389 --> 00:09:45,920

obvious and visible but this big

244

00:09:51,030 --> 00:09:48,399

movement is a big push to have every

245

00:09:54,630 --> 00:09:51,040

every food labelled if it's gmo or not

246

00:09:56,710 --> 00:09:54,640

gmo and as far as i know year after year

247

00:09:58,949 --> 00:09:56,720

the research keeps telling us that gmo

248

00:10:00,790 --> 00:09:58,959

is perfectly safe yeah

249

00:10:03,590 --> 00:10:00,800

that's one of the biggest divides

250

00:10:05,990 --> 00:10:03,600

between the science scientific community

251  
00:10:08,550 --> 00:10:06,000  
and the public at large is scientists

252  
00:10:09,670 --> 00:10:08,560  
don't know that gmo is great it's fine

253  
00:10:10,710 --> 00:10:09,680  
no problem

254  
00:10:12,630 --> 00:10:10,720  
and

255  
00:10:22,470 --> 00:10:12,640  
a

256  
00:10:23,509 --> 00:10:22,480  
them

257  
00:10:25,750 --> 00:10:23,519  
right

258  
00:10:28,630 --> 00:10:25,760  
yeah well and this is this is a curious

259  
00:10:30,790 --> 00:10:28,640  
one for me because it is so entrenched

260  
00:10:33,190 --> 00:10:30,800  
in some people and the fear i mean okay

261  
00:10:35,670 --> 00:10:33,200  
so people have a fear of

262  
00:10:38,389 --> 00:10:35,680  
of gluten free maybe or gluten i should

263  
00:10:40,150 --> 00:10:38,399

say um yes there's a genuine reason for

264

00:10:42,310 --> 00:10:40,160

that for a very uh

265

00:10:44,949 --> 00:10:42,320

small percentage of the population but

266

00:10:48,150 --> 00:10:44,959

the number of people who are

267

00:10:50,389 --> 00:10:48,160

so fearful of gmo foods to the extent

268

00:10:52,230 --> 00:10:50,399

that they will vandalize and damage and

269

00:10:53,670 --> 00:10:52,240

and do all sorts of things is is truly

270

00:10:54,949 --> 00:10:53,680

amazing

271

00:10:57,190 --> 00:10:54,959

yeah or

272

00:10:59,030 --> 00:10:57,200

organizations like greenpeace who have

273

00:11:01,509 --> 00:10:59,040

officially said they would rather have

274

00:11:04,710 --> 00:11:01,519

children go blind and get sick and die

275

00:11:06,949 --> 00:11:04,720

than to let farmers plant gmos

276

00:11:09,350 --> 00:11:06,959

that to me is just obscene

277

00:11:11,750 --> 00:11:09,360

what what do you think the the

278

00:11:14,310 --> 00:11:11,760

the strength of the reasoning or the

279

00:11:15,509 --> 00:11:14,320

push behind especially with anti-gmo is

280

00:11:18,310 --> 00:11:15,519

it just

281

00:11:20,710 --> 00:11:18,320

uh lots of concerned people who

282

00:11:22,790 --> 00:11:20,720

don't know all the facts there is a root

283

00:11:24,630 --> 00:11:22,800

fear and i have to give uh

284

00:11:26,550 --> 00:11:24,640

credit to a book

285

00:11:29,110 --> 00:11:26,560

that i highly recommend called the

286

00:11:32,150 --> 00:11:29,120

gluten lie and other myths about what

287

00:11:33,269 --> 00:11:32,160

you eat by alan lavinovitz

288

00:11:36,230 --> 00:11:33,279

who is

289

00:11:38,230 --> 00:11:36,240

not a scientist or nutritionist

290

00:11:40,150 --> 00:11:38,240

he's a theologian

291

00:11:42,949 --> 00:11:40,160

but he was exactly the guy to write the

292

00:11:45,829 --> 00:11:42,959

book and what he identified is that it's

293

00:11:48,630 --> 00:11:45,839

a fear of modernity really fear of

294

00:11:51,509 --> 00:11:48,640

modernity is what gives us myths like

295

00:11:53,670 --> 00:11:51,519

atlantis and the garden of eden it also

296

00:11:56,870 --> 00:11:53,680

gives you pretty much every food fad

297

00:11:58,790 --> 00:11:56,880

there is you know the whole chemophobic

298

00:12:01,110 --> 00:11:58,800

take of you know don't eat ingredients

299

00:12:03,030 --> 00:12:01,120

you can't pronounce right right right

300

00:12:05,110 --> 00:12:03,040

that's just fear of modernity right

301  
00:12:07,030 --> 00:12:05,120  
there's there's no rational basis for it

302  
00:12:08,230 --> 00:12:07,040  
it's just people you know that there's

303  
00:12:13,509 --> 00:12:08,240  
that

304  
00:12:15,750 --> 00:12:13,519  
were somehow better people were wiser

305  
00:12:18,069 --> 00:12:15,760  
they lived closer to the earth they they

306  
00:12:19,350 --> 00:12:18,079  
were healthier they were happier

307  
00:12:20,710 --> 00:12:19,360  
nonsense

308  
00:12:22,710 --> 00:12:20,720  
yeah this is the best time that's ever

309  
00:12:24,550 --> 00:12:22,720  
been to be alive and this is all woven

310  
00:12:25,990 --> 00:12:24,560  
in with natural is best

311  
00:12:28,069 --> 00:12:26,000  
exactly it's

312  
00:12:30,870 --> 00:12:28,079  
it's uh closely tied to that

313  
00:12:33,190 --> 00:12:30,880

naturalistic fallacy yeah yeah so the

314

00:12:35,030 --> 00:12:33,200

poster child of that of course is paleo

315

00:12:36,870 --> 00:12:35,040

right you know i was just about to get

316

00:12:38,550 --> 00:12:36,880

to that because this was

317

00:12:41,030 --> 00:12:38,560

quite popular here

318

00:12:43,670 --> 00:12:41,040

six seven years ago and just briefly for

319

00:12:45,509 --> 00:12:43,680

those people who may have only heard

320

00:12:47,990 --> 00:12:45,519

about it in passing what's the take on

321

00:12:51,509 --> 00:12:48,000

paleo what's what's its claim

322

00:12:53,910 --> 00:12:51,519

well its claim is that life was somehow

323

00:12:55,590 --> 00:12:53,920

better in the paleolithic era

324

00:12:58,230 --> 00:12:55,600

that uh

325

00:12:59,670 --> 00:12:58,240

that people evolved to eat a certain

326

00:13:02,230 --> 00:12:59,680

diet

327

00:13:03,350 --> 00:13:02,240

and that uh we should eat the way they

328

00:13:08,629 --> 00:13:03,360

ate

329

00:13:10,230 --> 00:13:08,639

really this fuzzy idea of if you can

330

00:13:11,910 --> 00:13:10,240

imagine a caveman eating it then it was

331

00:13:13,190 --> 00:13:11,920

probably okay

332

00:13:15,829 --> 00:13:13,200

in in the

333

00:13:18,389 --> 00:13:15,839

in the in the book i have a photograph i

334

00:13:20,710 --> 00:13:18,399

was looking around for an absurd example

335

00:13:22,150 --> 00:13:20,720

and i was going to in the book just say

336

00:13:23,829 --> 00:13:22,160

can you imagine something as dumb as

337

00:13:26,710 --> 00:13:23,839

paleo pizza

338

00:13:29,190 --> 00:13:26,720

and while i was working on that

339

00:13:31,430 --> 00:13:29,200

uh that part of the book i went to my

340

00:13:33,990 --> 00:13:31,440

local costco and i found and

341

00:13:37,110 --> 00:13:34,000

photographed a bag of i kid you not

342

00:13:38,710 --> 00:13:37,120

paleo pancake mix good heavens just like

343

00:13:40,710 --> 00:13:38,720

the cavemen used to make on their

344

00:13:42,470 --> 00:13:40,720

griddle right just like the caveman made

345

00:13:43,829 --> 00:13:42,480

on their griddle

346

00:13:45,990 --> 00:13:43,839

and you know

347

00:13:48,550 --> 00:13:46,000

as i often say in

348

00:13:50,710 --> 00:13:48,560

on social media poe's law rules the

349

00:13:53,189 --> 00:13:50,720

universe

350

00:13:55,350 --> 00:13:53,199

it's you're absolutely right and and you

351  
00:13:57,990 --> 00:13:55,360  
see plenty of examples

352  
00:13:59,910 --> 00:13:58,000  
of of that it's absolutely true the

353  
00:14:01,590 --> 00:13:59,920  
other thing i'll get you to uh talk

354  
00:14:02,470 --> 00:14:01,600  
about briefly which is

355  
00:14:04,069 --> 00:14:02,480  
uh

356  
00:14:06,069 --> 00:14:04,079  
something really interwoven with all

357  
00:14:08,150 --> 00:14:06,079  
this and you've mentioned it before and

358  
00:14:09,910 --> 00:14:08,160  
i guess it comes back to this

359  
00:14:12,310 --> 00:14:09,920  
the fallacy of

360  
00:14:14,230 --> 00:14:12,320  
nature is best is organic

361  
00:14:17,110 --> 00:14:14,240  
and how people are so wrapped up in this

362  
00:14:20,470 --> 00:14:17,120  
idea that they must eat organic food

363  
00:14:22,069 --> 00:14:20,480

organic in the food context is 100

364

00:14:25,030 --> 00:14:22,079

a marketing term

365

00:14:27,350 --> 00:14:25,040

it has no scientific basis uh

366

00:14:30,230 --> 00:14:27,360

in the u.s i i mean i don't know how

367

00:14:31,750 --> 00:14:30,240

it's defined in australia and i don't

368

00:14:33,189 --> 00:14:31,760

only have vague ideas how it's defined

369

00:14:34,389 --> 00:14:33,199

in europe but it's pretty much the same

370

00:14:36,949 --> 00:14:34,399

idea here

371

00:14:38,150 --> 00:14:36,959

essentially the organic food industry

372

00:14:39,670 --> 00:14:38,160

uh

373

00:14:42,710 --> 00:14:39,680

got their

374

00:14:44,550 --> 00:14:42,720

got the usda to codify their own

375

00:14:46,389 --> 00:14:44,560

guidelines and it's just guidelines

376

00:14:49,430 --> 00:14:46,399

about what materials you can use things

377

00:14:51,269 --> 00:14:49,440

like that yeah it has nothing to do with

378

00:14:52,949 --> 00:14:51,279

health or safety it used to actually say

379

00:14:55,990 --> 00:14:52,959

that on the usd website i have that

380

00:14:59,910 --> 00:14:57,829

and there's no evidence that it's

381

00:15:02,150 --> 00:14:59,920

nutritionally any better or that it's

382

00:15:03,829 --> 00:15:02,160

healthier in any kind of way

383

00:15:06,230 --> 00:15:03,839

uh but it is two to three times more

384

00:15:08,790 --> 00:15:06,240

expensive yeah the biggest problem

385

00:15:09,670 --> 00:15:08,800

there's nothing wrong with

386

00:15:11,590 --> 00:15:09,680

uh

387

00:15:13,509 --> 00:15:11,600

organic food per se

388

00:15:14,470 --> 00:15:13,519

it's not that it's bad

389

00:15:17,509 --> 00:15:14,480

but

390

00:15:20,470 --> 00:15:17,519

it does use 20 percent more land and

391

00:15:23,350 --> 00:15:20,480

resources than conventional which

392

00:15:25,590 --> 00:15:23,360

in these days is uh a serious problem i

393

00:15:28,150 --> 00:15:25,600

always thought um you know ever since i

394

00:15:29,590 --> 00:15:28,160

heard about fad diets and natural and

395

00:15:32,790 --> 00:15:29,600

organic and all the rest of it and i'd

396

00:15:35,030 --> 00:15:32,800

go to the supermarket and i would see

397

00:15:36,069 --> 00:15:35,040

as as you would in in you know many

398

00:15:38,710 --> 00:15:36,079

parts of the world when you go to the

399

00:15:41,269 --> 00:15:38,720

supermarket just just shelves of fresh

400

00:15:43,430 --> 00:15:41,279

fruit and vegetables and good food

401  
00:15:45,829 --> 00:15:43,440  
everywhere of course mixed up with stuff

402  
00:15:47,910 --> 00:15:45,839  
that you shouldn't eat very much of like

403  
00:15:49,829 --> 00:15:47,920  
the the candy and the

404  
00:15:51,670 --> 00:15:49,839  
chips and the junk food but

405  
00:15:53,910 --> 00:15:51,680  
your local supermarket surely can

406  
00:15:55,509 --> 00:15:53,920  
provide you with every vitamin and

407  
00:15:57,670 --> 00:15:55,519  
mineral and good fiber that you could

408  
00:15:59,189 --> 00:15:57,680  
possibly want the way i put it in the

409  
00:16:01,110 --> 00:15:59,199  
book is

410  
00:16:03,350 --> 00:16:01,120  
that the best diet advice you can get

411  
00:16:05,030 --> 00:16:03,360  
the best nutrition advice is to enjoy a

412  
00:16:07,189 --> 00:16:05,040  
variety of foods

413  
00:16:09,350 --> 00:16:07,199

mostly plants including plenty of fruits

414

00:16:11,509 --> 00:16:09,360

and veggies not too much and not too

415

00:16:13,350 --> 00:16:11,519

little anything much more specific than

416

00:16:16,069 --> 00:16:13,360

that is usually coming from someone

417

00:16:19,269 --> 00:16:16,079

selling something right

418

00:16:21,590 --> 00:16:19,279

and yeah if you get a big enough variety

419

00:16:23,910 --> 00:16:21,600

and include plenty of fruits and veggies

420

00:16:26,470 --> 00:16:23,920

it's highly unlikely you'll be deficient

421

00:16:28,470 --> 00:16:26,480

in any kind of vitamin

422

00:16:30,389 --> 00:16:28,480

if your doctor

423

00:16:32,230 --> 00:16:30,399

diagnoses you with a condition or

424

00:16:34,069 --> 00:16:32,240

deficiency and says here you should take

425

00:16:35,990 --> 00:16:34,079

this vitamin then then take it other

426  
00:16:37,509 --> 00:16:36,000  
than that you don't need that you don't

427  
00:16:39,189 --> 00:16:37,519  
need supplements

428  
00:16:41,509 --> 00:16:39,199  
that's that's the other

429  
00:16:43,350 --> 00:16:41,519  
giant industry i imagine it's as bad

430  
00:16:45,910 --> 00:16:43,360  
down there as it is

431  
00:16:49,030 --> 00:16:45,920  
up here uh our supplement industry is

432  
00:16:50,710 --> 00:16:49,040  
just a giant unregulated monster

433  
00:16:52,389 --> 00:16:50,720  
yeah well there are yeah of course here

434  
00:16:54,150 --> 00:16:52,399  
in australia there are whole stores of

435  
00:16:56,790 --> 00:16:54,160  
devoted to nothing but supplements and

436  
00:16:58,629 --> 00:16:56,800  
vitamins and yeah same here uh magic

437  
00:17:02,389 --> 00:16:58,639  
pills and all and all sorts of things

438  
00:17:04,630 --> 00:17:02,399

folks the book is called relax and enjoy

439

00:17:07,510 --> 00:17:04,640

your food what a good idea save your

440

00:17:10,549 --> 00:17:07,520

money your health and your sanity by

441

00:17:13,429 --> 00:17:10,559

separating fact from flapdoodle it's by

442

00:17:15,669 --> 00:17:13,439

craig goode and you can see more about

443

00:17:18,069 --> 00:17:15,679

that book and see if you can snag

444

00:17:21,829 --> 00:17:18,079

yourself a copy if you visit relax and

445

00:17:23,669 --> 00:17:21,839

enjoy your food dot com craig thanks

446

00:17:27,029 --> 00:17:23,679

very much for spending time with us uh

447

00:17:29,029 --> 00:17:27,039

what's next on the horizon for me i'm

448

00:17:30,710 --> 00:17:29,039

back i'm back to teaching i'm in a

449

00:17:32,549 --> 00:17:30,720

semester i teach

450

00:17:33,350 --> 00:17:32,559

at california college of the arts so

451  
00:17:36,390 --> 00:17:33,360  
that's

452  
00:17:37,909 --> 00:17:36,400  
it's kind of my afternoon and evening

453  
00:17:39,750 --> 00:17:37,919  
job but right

454  
00:17:41,830 --> 00:17:39,760  
that's that's what i'm up to right now

455  
00:17:43,029 --> 00:17:41,840  
and uh just trying to get the word out

456  
00:17:44,950 --> 00:17:43,039  
about the book

457  
00:17:47,350 --> 00:17:44,960  
excellent well once again craig good

458  
00:17:51,160 --> 00:17:47,360  
from beautiful vallejo california thank

459  
00:17:51,170 --> 00:17:58,950  
[Music]

460  
00:18:03,350 --> 00:18:01,669  
hi i'm ben radford co-host of scoring

461  
00:18:05,909 --> 00:18:03,360  
strange podcast

462  
00:18:07,909 --> 00:18:05,919  
in these trying times as we help each

463  
00:18:09,909 --> 00:18:07,919

other out to hold on to hope we want you

464

00:18:11,909 --> 00:18:09,919

to know that we're here for you hey hey

465

00:18:13,270 --> 00:18:11,919

what are you going on about

466

00:18:16,310 --> 00:18:13,280

who's interrupting my heartfelt

467

00:18:18,470 --> 00:18:16,320

promotional copy it's me celestia ward

468

00:18:21,350 --> 00:18:18,480

your co-host

469

00:18:22,870 --> 00:18:21,360

really in these trying times that's the

470

00:18:24,310 --> 00:18:22,880

best you can do

471

00:18:26,230 --> 00:18:24,320

well i'm just doing what everyone else

472

00:18:27,270 --> 00:18:26,240

is doing i thought

473

00:18:28,870 --> 00:18:27,280

that's

474

00:18:30,870 --> 00:18:28,880

not what we do

475

00:18:34,070 --> 00:18:30,880

oh for crying out loud who else is here

476

00:18:35,029 --> 00:18:34,080

pasqual romero your other co-host

477

00:18:37,750 --> 00:18:35,039

hey

478

00:18:39,350 --> 00:18:37,760

we don't do what everybody else does ben

479

00:18:41,830 --> 00:18:39,360

that's kind of our thing at squaring the

480

00:18:43,590 --> 00:18:41,840

strange yeah we try to approach things a

481

00:18:45,830 --> 00:18:43,600

little differently than your standard

482

00:18:48,310 --> 00:18:45,840

skeptical talky talk show

483

00:18:50,630 --> 00:18:48,320

we do our own thing bringing science

484

00:18:52,230 --> 00:18:50,640

critical thinking and skepticism to bear

485

00:18:53,830 --> 00:18:52,240

on issues of the day

486

00:18:55,029 --> 00:18:53,840

we've got a professional skeptical

487

00:18:56,710 --> 00:18:55,039

author ben

488

00:18:59,430 --> 00:18:56,720

who has decades of experience

489

00:19:01,990 --> 00:18:59,440

researching topics for a dozen books and

490

00:19:03,909 --> 00:19:02,000

thousands of articles and a cartoonist

491

00:19:05,590 --> 00:19:03,919

skeptic celestia who knows her stuff

492

00:19:07,669 --> 00:19:05,600

when it comes to facial weirdness and

493

00:19:10,150 --> 00:19:07,679

the psychology of perception and a

494

00:19:12,310 --> 00:19:10,160

badass heavy metal rock star and tech

495

00:19:14,310 --> 00:19:12,320

engineer pasquale who brings knowledge

496

00:19:15,350 --> 00:19:14,320

of all things audio plus a bunch of neck

497

00:19:17,510 --> 00:19:15,360

tattoos

498

00:19:19,430 --> 00:19:17,520

scoring the strange explores topics both

499

00:19:22,390 --> 00:19:19,440

mysterious and mundane through a

500

00:19:24,070 --> 00:19:22,400

critical lens monsters panics media

501  
00:19:26,549 --> 00:19:24,080  
literacy

502  
00:19:29,029 --> 00:19:26,559  
okay forget the whole trying times promo

503  
00:19:30,310 --> 00:19:29,039  
idea but we have chupacabras and clown

504  
00:19:32,840 --> 00:19:30,320  
panics right

505  
00:19:51,590 --> 00:19:32,850  
yes

506  
00:19:54,230 --> 00:19:51,600  
[Music]

507  
00:19:55,990 --> 00:19:54,240  
hello everyone it's adrian hill from

508  
00:19:59,430 --> 00:19:56,000  
canada here to read the highlights from

509  
00:20:03,029 --> 00:19:59,440  
the australian skeptics newsletter

510  
00:20:05,029 --> 00:20:03,039  
this is newsletter number 140

511  
00:20:06,870 --> 00:20:05,039  
you can subscribe to this newsletter and

512  
00:20:09,190 --> 00:20:06,880  
get it delivered to your inbox every

513  
00:20:10,390 --> 00:20:09,200

other week complete with links to all

514

00:20:15,590 --> 00:20:10,400

the stories

515

00:20:23,190 --> 00:20:17,830

but now let's get to the newsletter and

516

00:20:28,149 --> 00:20:25,430

hi all he says

517

00:20:30,310 --> 00:20:28,159

and hi back to you tim

518

00:20:33,590 --> 00:20:30,320

whether you think it's going up down or

519

00:20:36,149 --> 00:20:33,600

around in circles covet is still with us

520

00:20:38,149 --> 00:20:36,159

except here another covet free

521

00:20:41,270 --> 00:20:38,159

newsletter as a haven against the

522

00:20:43,669 --> 00:20:41,280

outside world a complimentary service we

523

00:20:46,950 --> 00:20:43,679

are happy to provide

524

00:20:49,029 --> 00:20:46,960

instead we have a panoply of stuff to

525

00:20:51,590 --> 00:20:49,039

keep the worries at bay at least for a

526  
00:20:55,029 --> 00:20:51,600  
little while so sit back and enjoy some

527  
00:20:59,669 --> 00:20:55,039  
hauntings syndromes pseudos survivals

528  
00:21:01,110 --> 00:20:59,679  
the prince the slow hand and the lord

529  
00:21:03,720 --> 00:21:01,120  
read on

530  
00:21:06,149 --> 00:21:03,730  
signed tim

531  
00:21:10,149 --> 00:21:06,159  
[Music]

532  
00:21:12,310 --> 00:21:10,159  
cia skeptical of havana syndrome

533  
00:21:15,830 --> 00:21:12,320  
interesting piece on the supposed

534  
00:21:18,549 --> 00:21:15,840  
microwave weapon used by one government

535  
00:21:20,789 --> 00:21:18,559  
we're thinking evil rescues here against

536  
00:21:23,270 --> 00:21:20,799  
another innocent americans and maybe

537  
00:21:24,789 --> 00:21:23,280  
some canadians so i hear in a u.s

538  
00:21:26,630 --> 00:21:24,799

embassy in cuba

539

00:21:28,710 --> 00:21:26,640

the author of this piece says he has

540

00:21:31,190 --> 00:21:28,720

argued for some time quote

541

00:21:33,430 --> 00:21:31,200

that reports of havana syndrome were the

542

00:21:36,149 --> 00:21:33,440

result of bad science and sensational

543

00:21:38,789 --> 00:21:36,159

journalism and can be explained using

544

00:21:40,230 --> 00:21:38,799

mainstream psychology and common sense

545

00:21:42,950 --> 00:21:40,240

end quote

546

00:21:45,029 --> 00:21:42,960

that now seems to be backed up by a cia

547

00:21:48,549 --> 00:21:45,039

report

548

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

scientific certainty survival kit

549

00:21:54,149 --> 00:21:51,440

an article from the conversation about

550

00:21:56,789 --> 00:21:54,159

quote how to push back against skeptics

551  
00:21:59,590 --> 00:21:56,799  
who exploit uncertainty for political

552  
00:22:02,310 --> 00:21:59,600  
gain end quote that should be

553  
00:22:05,990 --> 00:22:02,320  
skeptics with a c rather than skeptics

554  
00:22:09,430 --> 00:22:06,000  
with a k there is a difference

555  
00:22:12,070 --> 00:22:09,440  
an article from the conversation about

556  
00:22:14,070 --> 00:22:12,080  
quote how to push back against skeptics

557  
00:22:15,909 --> 00:22:14,080  
who exploit uncertainty for political

558  
00:22:18,390 --> 00:22:15,919  
gain end quote

559  
00:22:20,710 --> 00:22:18,400  
that should be skeptics with a c rather

560  
00:22:21,830 --> 00:22:20,720  
than skeptics with a k there is a

561  
00:22:24,070 --> 00:22:21,840  
difference

562  
00:22:26,710 --> 00:22:24,080  
but the issue is that the demand for

563  
00:22:28,070 --> 00:22:26,720

absolute certainty can be dangerous and

564

00:22:30,549 --> 00:22:28,080

even deadly

565

00:22:32,630 --> 00:22:30,559

despite this demands for absolute or

566

00:22:34,390 --> 00:22:32,640

near certainty are a common way for

567

00:22:38,549 --> 00:22:34,400

those with a political agenda to

568

00:22:41,110 --> 00:22:38,559

undermine science and to delay action

569

00:22:43,110 --> 00:22:41,120

paper critique of contemporary western

570

00:22:44,870 --> 00:22:43,120

astrology

571

00:22:46,149 --> 00:22:44,880

this long

572

00:22:48,390 --> 00:22:46,159

very long

573

00:22:50,310 --> 00:22:48,400

but readable paper by a couple of

574

00:22:52,630 --> 00:22:50,320

canadian yay

575

00:22:55,270 --> 00:22:52,640

academics is a critical examination of

576  
00:22:56,870 --> 00:22:55,280  
the concepts and assumptions underlying

577  
00:22:59,270 --> 00:22:56,880  
the practices of the majority of

578  
00:23:00,549 --> 00:22:59,280  
astrologers in the contemporary western

579  
00:23:03,669 --> 00:23:00,559  
world

580  
00:23:06,789 --> 00:23:03,679  
quote astrology as typically practiced

581  
00:23:09,270 --> 00:23:06,799  
as a kind of science has no plausible

582  
00:23:11,430 --> 00:23:09,280  
non-paranormal explanation it is not

583  
00:23:13,590 --> 00:23:11,440  
even clear by any means what even a

584  
00:23:16,549 --> 00:23:13,600  
paranormal or supernatural explanation

585  
00:23:19,029 --> 00:23:16,559  
for astrology would look like end quote

586  
00:23:23,990 --> 00:23:19,039  
western australia skeptic jeffrey dean

587  
00:23:27,909 --> 00:23:26,070  
haunted house experience reveals

588  
00:23:29,430 --> 00:23:27,919

insights on the body's reaction to

589

00:23:31,909 --> 00:23:29,440

threats

590

00:23:34,230 --> 00:23:31,919

california institute of tech researchers

591

00:23:36,870 --> 00:23:34,240

wire up volunteers for a haunted house

592

00:23:39,110 --> 00:23:36,880

experiment and discover that being with

593

00:23:42,390 --> 00:23:39,120

others in the house increases overall

594

00:23:44,789 --> 00:23:42,400

arousal that unexpected scares produce

595

00:23:46,950 --> 00:23:44,799

more responses and higher levels of

596

00:23:48,149 --> 00:23:46,960

responses in the body than predictable

597

00:23:50,390 --> 00:23:48,159

scares

598

00:23:54,149 --> 00:23:50,400

and that more frequent responses from

599

00:23:56,470 --> 00:23:54,159

the body manifest us feeling more afraid

600

00:23:58,230 --> 00:23:56,480

we probably could have told them that

601  
00:24:00,710 --> 00:23:58,240  
but it's nice to have the numbers based

602  
00:24:03,940 --> 00:24:00,720  
on quote an intensive immersive

603  
00:24:05,350 --> 00:24:03,950  
live-action threat environment end quote

604  
00:24:07,909 --> 00:24:05,360  
[Music]

605  
00:24:09,269 --> 00:24:07,919  
the most outlandish pseudoscience sold

606  
00:24:11,430 --> 00:24:09,279  
on amazon

607  
00:24:14,149 --> 00:24:11,440  
okay there's a lot of weird stuff on

608  
00:24:16,789 --> 00:24:14,159  
amazon but in among the homeopathy and

609  
00:24:20,950 --> 00:24:16,799  
reflexology there are magnetic products

610  
00:24:24,950 --> 00:24:20,960  
cancer cures diy ear acupuncture using

611  
00:24:26,390 --> 00:24:24,960  
seeds and not needles and real live

612  
00:24:27,430 --> 00:24:26,400  
snake oil

613  
00:24:30,230 --> 00:24:27,440

well

614

00:24:32,710 --> 00:24:30,240

not real or live and we're pretty sure

615

00:24:36,630 --> 00:24:32,720

someone is being a tan sarcastic on that

616

00:24:42,630 --> 00:24:39,029

uk students take on the quote

617

00:24:44,950 --> 00:24:42,640

pseudoscience crisis end quote

618

00:24:47,029 --> 00:24:44,960

founders of cambridge based students

619

00:24:49,909 --> 00:24:47,039

against pseudoscience talk about the new

620

00:24:51,750 --> 00:24:49,919

organization started to quote open up

621

00:24:53,990 --> 00:24:51,760

discourse and to empower future

622

00:24:56,549 --> 00:24:54,000

scientists and decision makers end quote

623

00:25:03,590 --> 00:24:56,559

on pseudoscience quote a threat to

624

00:25:09,110 --> 00:25:06,710

we're working on the march 2022 issue of

625

00:25:11,830 --> 00:25:09,120

the skeptic but in the meantime you

626  
00:25:14,789 --> 00:25:11,840  
really can't go past the december 2021

627  
00:25:16,870 --> 00:25:14,799  
issue it features complete coverage of

628  
00:25:19,350 --> 00:25:16,880  
the great australian psychic prediction

629  
00:25:21,669 --> 00:25:19,360  
project possibly the largest of its kind

630  
00:25:23,430 --> 00:25:21,679  
ever undertaken and destined to be a

631  
00:25:26,310 --> 00:25:23,440  
reference for future discussion on the

632  
00:25:27,110 --> 00:25:26,320  
topic of psychics

633  
00:25:29,190 --> 00:25:27,120  
so

634  
00:25:31,669 --> 00:25:29,200  
if you haven't subscribed yet now is the

635  
00:25:33,110 --> 00:25:31,679  
time to do so contact the editor if

636  
00:25:36,230 --> 00:25:33,120  
you're not sure if your existing

637  
00:25:38,710 --> 00:25:36,240  
subscription needs renewing

638  
00:25:40,470 --> 00:25:38,720

items of interest

639

00:25:43,269 --> 00:25:40,480

travel tip

640

00:25:45,190 --> 00:25:43,279

tulumba's paranormal sites

641

00:25:47,830 --> 00:25:45,200

apparently the queensland city is

642

00:25:49,909 --> 00:25:47,840

australia's paranormal capital here's a

643

00:25:53,029 --> 00:25:49,919

list of some of the best places to get

644

00:25:55,750 --> 00:25:53,039

spooked in the meantime here is an older

645

00:25:58,950 --> 00:25:55,760

article asking quote is tuwumba

646

00:26:00,710 --> 00:25:58,960

australia's most haunted town end quote

647

00:26:03,029 --> 00:26:00,720

it gives the background on the city's

648

00:26:05,430 --> 00:26:03,039

reputation with a few spoilsport

649

00:26:09,190 --> 00:26:05,440

skeptics at the end ruining it for

650

00:26:11,750 --> 00:26:09,200

everyone but good for them

651  
00:26:13,110 --> 00:26:11,760  
house haunted by a shotgun wielding

652  
00:26:16,149 --> 00:26:13,120  
ghost

653  
00:26:19,110 --> 00:26:16,159  
martin roberts a uk tv presenter on home

654  
00:26:21,830 --> 00:26:19,120  
renovations says his own home is haunted

655  
00:26:25,350 --> 00:26:21,840  
by various spirits including a man with

656  
00:26:28,230 --> 00:26:25,360  
a shotgun or the ghost of a shotgun

657  
00:26:31,029 --> 00:26:28,240  
despite his best efforts the ghosts

658  
00:26:33,269 --> 00:26:31,039  
refused to leave their home so roberts

659  
00:26:37,029 --> 00:26:33,279  
put out christmas stockings with quote

660  
00:26:40,070 --> 00:26:37,039  
toys a beer and slippers end quote

661  
00:26:41,990 --> 00:26:40,080  
really you're going to give beer to a

662  
00:26:44,870 --> 00:26:42,000  
ghost with a gun

663  
00:26:47,110 --> 00:26:44,880

[Laughter]

664

00:26:50,149 --> 00:26:47,120

and now for more giggles because it's

665

00:26:53,990 --> 00:26:50,159

the silliest story of the week time

666

00:26:56,710 --> 00:26:54,000

jesus spotted in antarctica

667

00:26:59,190 --> 00:26:56,720

not the person of course but a lightness

668

00:27:02,149 --> 00:26:59,200

in a rock formation but at least it

669

00:27:04,470 --> 00:27:02,159

wasn't toast it's also near a huge

670

00:27:07,990 --> 00:27:04,480

figure of an alien in the snow which

671

00:27:09,750 --> 00:27:08,000

makes sense because quote jesus was an

672

00:27:12,310 --> 00:27:09,760

alien who came to earth to instill

673

00:27:15,830 --> 00:27:12,320

morals and rules to help a chaotic early

674

00:27:17,140 --> 00:27:15,840

humans rise to enlightenment end quote

675

00:27:20,950 --> 00:27:17,150

oh dear

676  
00:27:23,590 --> 00:27:20,960  
[Music]

677  
00:27:28,180 --> 00:27:23,600  
until next time this is adrian hill

678  
00:28:38,149 --> 00:28:00,070  
[Music]

679  
00:28:38,159 --> 00:28:47,500  
a

680  
00:28:59,190 --> 00:28:57,430  
[Music]

681  
00:29:01,590 --> 00:28:59,200  
now here's some bits and pieces some

682  
00:29:03,669 --> 00:29:01,600  
news and information and updates

683  
00:29:06,710 --> 00:29:03,679  
events and so on from the skeptical

684  
00:29:08,549 --> 00:29:06,720  
world canberra skeptics proudly presents

685  
00:29:10,950 --> 00:29:08,559  
psychedelic assisted therapies for

686  
00:29:13,110 --> 00:29:10,960  
mental illness and why innovation in

687  
00:29:15,430 --> 00:29:13,120  
treatment is needed now more than ever

688  
00:29:19,110 --> 00:29:15,440

and this will be a talk on tuesday the

689

00:29:21,830 --> 00:29:19,120

15th of february 2022 from 6 pm

690

00:29:25,269 --> 00:29:21,840

the speakers are tanya dijong

691

00:29:27,510 --> 00:29:25,279

and and dr jennifer laughing

692

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

it's an interesting point of view if you

693

00:29:31,430 --> 00:29:29,360

want to find out more

694

00:29:32,870 --> 00:29:31,440

have a listen and maybe pose some

695

00:29:33,909 --> 00:29:32,880

questions

696

00:29:37,430 --> 00:29:33,919

then

697

00:29:38,950 --> 00:29:37,440

join that canberra skeptics event and i

698

00:29:42,310 --> 00:29:38,960

will put a link in this week's show

699

00:29:44,389 --> 00:29:42,320

notes also coming up very soon this

700

00:29:45,350 --> 00:29:44,399

thursday in fact here

701  
00:29:49,669 --> 00:29:45,360  
in

702  
00:29:51,590 --> 00:29:49,679  
we have our

703  
00:29:53,669 --> 00:29:51,600  
monthly talk

704  
00:29:55,669 --> 00:29:53,679  
this time pontus berkman who you heard

705  
00:29:57,909 --> 00:29:55,679  
on the skeptic zone last week

706  
00:30:00,710 --> 00:29:57,919  
pontus will be talking about skeptical

707  
00:30:02,389 --> 00:30:00,720  
monday keeping momentum during a

708  
00:30:04,549 --> 00:30:02,399  
pandemic

709  
00:30:06,950 --> 00:30:04,559  
pontus from the sweetie skeptics talks

710  
00:30:10,710 --> 00:30:06,960  
about how to keep the skeptical movement

711  
00:30:12,950 --> 00:30:10,720  
and activism going even as lockdown and

712  
00:30:14,389 --> 00:30:12,960  
restrictions prevent a lot of the usual

713  
00:30:16,549 --> 00:30:14,399

activities

714

00:30:19,830 --> 00:30:16,559

pontus is the president of the swedish

715

00:30:23,430 --> 00:30:19,840

skeptics vof and the founding co-host of

716

00:30:26,789 --> 00:30:23,440

the esp the european skeptics podcast he

717

00:30:28,549 --> 00:30:26,799

is also a board member of the ecso the

718

00:30:29,830 --> 00:30:28,559

european council of skeptical

719

00:30:32,149 --> 00:30:29,840

organizations

720

00:30:33,830 --> 00:30:32,159

that's skeptics in the pub from sydney

721

00:30:36,549 --> 00:30:33,840

there will be a link in this week's show

722

00:30:37,510 --> 00:30:36,559

notes if you want to join in and that is

723

00:30:39,669 --> 00:30:37,520

normally

724

00:30:41,590 --> 00:30:39,679

broadcast on twitch but you can

725

00:30:44,710 --> 00:30:41,600

certainly ask questions of our guest

726

00:30:47,110 --> 00:30:44,720

speaker this time pontus berkman

727

00:30:48,830 --> 00:30:47,120

on february the 21st i'll be speaking

728

00:30:51,269 --> 00:30:48,840

for the gold coast

729

00:30:54,630 --> 00:30:51,279

skeptics my talk will be strange

730

00:30:56,470 --> 00:30:54,640

energies and even stranger devices

731

00:30:58,789 --> 00:30:56,480

you wouldn't believe the

732

00:31:00,870 --> 00:30:58,799

incredible machines and gadgets and

733

00:31:03,029 --> 00:31:00,880

electronic bits and pieces

734

00:31:05,750 --> 00:31:03,039

that people

735

00:31:07,350 --> 00:31:05,760

pedal flog pedal

736

00:31:10,149 --> 00:31:07,360

that simply cannot

737

00:31:12,230 --> 00:31:10,159

and do not work

738

00:31:14,220 --> 00:31:12,240

but i will link to all those events in

739

00:31:15,909 --> 00:31:14,230

this week's show notes so have a look

740

00:31:18,389 --> 00:31:15,919

[Music]

741

00:31:19,830 --> 00:31:18,399

and finally a follow-up from a story i

742

00:31:21,909 --> 00:31:19,840

brought you last week

743

00:31:24,630 --> 00:31:21,919

about a reiki master and tarot card

744

00:31:26,070 --> 00:31:24,640

reader from mullan bimby by the name of

745

00:31:28,630 --> 00:31:26,080

uh helen dean

746

00:31:29,430 --> 00:31:28,640

who at last report when i reported to

747

00:31:32,070 --> 00:31:29,440

you

748

00:31:33,430 --> 00:31:32,080

was recovering in

749

00:31:36,070 --> 00:31:33,440

hospital from

750

00:31:37,190 --> 00:31:36,080

over 19 well sadly very very sadly of

751  
00:31:40,310 --> 00:31:37,200  
course

752  
00:31:42,389 --> 00:31:40,320  
she didn't end up recovering and she

753  
00:31:43,590 --> 00:31:42,399  
passed away

754  
00:31:46,149 --> 00:31:43,600  
from

755  
00:31:47,669 --> 00:31:46,159  
covert 19.

756  
00:31:48,549 --> 00:31:47,679  
and what's particularly sad about this

757  
00:31:50,630 --> 00:31:48,559  
story

758  
00:31:53,669 --> 00:31:50,640  
is the reports coming in

759  
00:31:55,430 --> 00:31:53,679  
uh speak of her wonderful community

760  
00:31:57,509 --> 00:31:55,440  
spirit her

761  
00:31:58,789 --> 00:31:57,519  
her love and support for many people in

762  
00:32:00,870 --> 00:31:58,799  
that area

763  
00:32:04,070 --> 00:32:00,880

for various reasons

764

00:32:05,830 --> 00:32:04,080

uh and she seemed to be a genuinely nice

765

00:32:07,190 --> 00:32:05,840

person

766

00:32:10,389 --> 00:32:07,200

who sadly

767

00:32:12,230 --> 00:32:10,399

listened to the anti-vaxxers and the

768

00:32:13,110 --> 00:32:12,240

conspiracy theorists

769

00:32:15,430 --> 00:32:13,120

and

770

00:32:17,669 --> 00:32:15,440

apparently was not vaccinated

771

00:32:19,990 --> 00:32:17,679

and i noticed the gofundme that was set

772

00:32:22,470 --> 00:32:20,000

up to support her in hospital has now

773

00:32:26,149 --> 00:32:22,480

been changed to raise funds for a

774

00:32:32,230 --> 00:32:29,830

yes a sad update indeed we don't wish um

775

00:32:34,870 --> 00:32:32,240

covert deaths on anybody but

776  
00:32:37,750 --> 00:32:34,880  
particularly sad because this could have

777  
00:32:54,870 --> 00:32:37,760  
been prevented

778  
00:32:54,880 --> 00:33:01,590  
foreign

779  
00:33:01,600 --> 00:33:04,620  
tv

780  
00:33:19,590 --> 00:33:06,850  
[Applause]

781  
00:33:25,909 --> 00:33:21,669  
now it's time once again to look into

782  
00:33:27,590 --> 00:33:25,919  
those pages at trove at [trove.nla.gov.au](http://trove.nla.gov.au)

783  
00:33:29,350 --> 00:33:27,600  
your online resource for australian

784  
00:33:31,830 --> 00:33:29,360  
digitized newspapers magazines

785  
00:33:33,269 --> 00:33:31,840  
periodicals and so on

786  
00:33:34,870 --> 00:33:33,279  
and this week we'll be looking further

787  
00:33:38,149 --> 00:33:34,880  
afield once again

788  
00:33:40,730 --> 00:33:38,159

diving into some american digitized

789

00:33:43,590 --> 00:33:40,740

newspapers

790

00:33:45,909 --> 00:33:43,600

[Music]

791

00:33:49,830 --> 00:33:45,919

and this week we'll look at that classic

792

00:33:51,269 --> 00:33:49,840

that classic of old-fashioned skepticism

793

00:33:52,789 --> 00:33:51,279

something you really don't hear about

794

00:33:53,909 --> 00:33:52,799

much anymore

795

00:33:56,070 --> 00:33:53,919

kirlian

796

00:34:02,710 --> 00:33:56,080

photography

797

00:34:05,350 --> 00:34:02,720

remember in the mid 70s it was the new

798

00:34:06,389 --> 00:34:05,360

waves for science to prove the

799

00:34:09,430 --> 00:34:06,399

supernatural

800

00:34:12,149 --> 00:34:09,440

or auras or something mysterious it was

801  
00:34:14,069 --> 00:34:12,159  
very popular lots of news and tv

802  
00:34:15,589 --> 00:34:14,079  
segments on it at the time

803  
00:34:17,190 --> 00:34:15,599  
i remember

804  
00:34:19,829 --> 00:34:17,200  
but of course now you don't hear about

805  
00:34:22,310 --> 00:34:19,839  
it which is a big clue it's a big clue

806  
00:34:23,990 --> 00:34:22,320  
that it really didn't amount to much at

807  
00:34:26,470 --> 00:34:24,000  
all

808  
00:34:28,310 --> 00:34:26,480  
now you might remember this

809  
00:34:30,149 --> 00:34:28,320  
yourself

810  
00:34:32,470 --> 00:34:30,159  
tv reports of

811  
00:34:34,790 --> 00:34:32,480  
a leaf for example being put on a glass

812  
00:34:36,710 --> 00:34:34,800  
plate some electricity being passed

813  
00:34:38,310 --> 00:34:36,720

through it

814

00:34:40,710 --> 00:34:38,320

created some sort of

815

00:34:42,790 --> 00:34:40,720

coronal discharge then the top of the

816

00:34:45,589 --> 00:34:42,800

leaf would be cut off

817

00:34:48,869 --> 00:34:45,599

process repeated and lo and behold

818

00:34:51,589 --> 00:34:48,879

the coronal aura or the um the pattern

819

00:34:55,270 --> 00:34:51,599

of the electricity would indicate that

820

00:34:56,869 --> 00:34:55,280

the leaf was whole again ooh a phantom

821

00:34:59,030 --> 00:34:56,879

spiritly for

822

00:35:01,510 --> 00:34:59,040

something like that and if i remember

823

00:35:03,190 --> 00:35:01,520

correctly that was later

824

00:35:06,310 --> 00:35:03,200

shown to be the fact that the leaf was

825

00:35:08,470 --> 00:35:06,320

pressed against the glass plate and

826

00:35:10,790 --> 00:35:08,480

and the residual moisture

827

00:35:13,349 --> 00:35:10,800

was uh really responsible for the

828

00:35:14,710 --> 00:35:13,359

phantom leaf effect

829

00:35:16,870 --> 00:35:14,720

however let's quickly look at skeptic

830

00:35:18,550 --> 00:35:16,880

skeptic.com

831

00:35:21,589 --> 00:35:18,560

girlian photography

832

00:35:24,150 --> 00:35:21,599

electro photography

833

00:35:25,349 --> 00:35:24,160

in 1939

834

00:35:27,030 --> 00:35:25,359

simeon

835

00:35:29,109 --> 00:35:27,040

kirlian now

836

00:35:31,190 --> 00:35:29,119

in russian i expect it's pronounced

837

00:35:33,349 --> 00:35:31,200

something different but i've always only

838

00:35:35,349 --> 00:35:33,359

known it as curling

839

00:35:37,349 --> 00:35:35,359

discovered by accident that if an object

840

00:35:40,710 --> 00:35:37,359

on a photographic plate is subject to a

841

00:35:43,030 --> 00:35:40,720

high voltage electric field an image is

842

00:35:47,349 --> 00:35:43,040

created on the plate the image looks

843

00:35:49,990 --> 00:35:47,359

like a colored halo or coronal discharge

844

00:35:52,390 --> 00:35:50,000

this image is said to be

845

00:35:54,950 --> 00:35:52,400

a physical manifestation of the

846

00:35:57,910 --> 00:35:54,960

spiritual aura or

847

00:36:00,150 --> 00:35:57,920

life force which allegedly surrounds

848

00:36:02,710 --> 00:36:00,160

each living thing

849

00:36:04,870 --> 00:36:02,720

allegedly this special method of

850

00:36:07,030 --> 00:36:04,880

photographing subjects is a gateway to

851  
00:36:09,349 --> 00:36:07,040  
the paranormal world of auroras

852  
00:36:11,270 --> 00:36:09,359  
actually what is recorded is due to

853  
00:36:14,230 --> 00:36:11,280  
quite natural phenomenon such as

854  
00:36:16,390 --> 00:36:14,240  
pressure electrical grounding humidity

855  
00:36:19,990 --> 00:36:16,400  
and temperature changes in moisture

856  
00:36:22,870 --> 00:36:20,000  
which may reflect changes in emotions

857  
00:36:25,750 --> 00:36:22,880  
barometric pressure and voltage among

858  
00:36:27,190 --> 00:36:25,760  
other things will produce different

859  
00:36:28,790 --> 00:36:27,200  
auras

860  
00:36:31,270 --> 00:36:28,800  
and there's a reference here that says

861  
00:36:32,790 --> 00:36:31,280  
living things are moist

862  
00:36:35,030 --> 00:36:32,800  
when electricity enters the living

863  
00:36:37,109 --> 00:36:35,040

object it produces an area of gas

864

00:36:38,069 --> 00:36:37,119

ionization around the photographed

865

00:36:40,150 --> 00:36:38,079

object

866

00:36:41,109 --> 00:36:40,160

assuming moisture is present on the

867

00:36:43,109 --> 00:36:41,119

object

868

00:36:45,910 --> 00:36:43,119

this moisture is transferred from the

869

00:36:48,069 --> 00:36:45,920

subject to the emulsion surface of the

870

00:36:49,829 --> 00:36:48,079

photographic film and causes an

871

00:36:51,670 --> 00:36:49,839

alteration of the electric charge

872

00:36:54,069 --> 00:36:51,680

pattern on the film

873

00:36:57,270 --> 00:36:54,079

if a photograph is taken in a vacuum

874

00:37:00,150 --> 00:36:57,280

where no ionized gas is present no

875

00:37:02,710 --> 00:37:00,160

curling image appears if the curling

876

00:37:04,950 --> 00:37:02,720

image were due to some paranormal

877

00:37:08,069 --> 00:37:04,960

fundamental living energy field it

878

00:37:09,270 --> 00:37:08,079

should not disappear in a simple vacuum

879

00:37:12,470 --> 00:37:09,280

and that's

880

00:37:13,430 --> 00:37:12,480

heinz 2003 is the reference

881

00:37:16,950 --> 00:37:13,440

so

882

00:37:18,069 --> 00:37:16,960

yes it's no mystery anymore

883

00:37:20,150 --> 00:37:18,079

but let's

884

00:37:22,550 --> 00:37:20,160

let's put ourselves in the mindset of

885

00:37:23,829 --> 00:37:22,560

those people in the 1970s

886

00:37:26,150 --> 00:37:23,839

maybe like me

887

00:37:29,910 --> 00:37:26,160

seeing it on tv for the first time and

888

00:37:32,390 --> 00:37:29,920

simply not knowing or understanding

889

00:37:34,550 --> 00:37:32,400

what it really was

890

00:37:35,670 --> 00:37:34,560

now this trove is a little different

891

00:37:38,310 --> 00:37:35,680

because

892

00:37:41,030 --> 00:37:38,320

what i have discovered

893

00:37:43,030 --> 00:37:41,040

uh are references to curling photography

894

00:37:49,200 --> 00:37:43,040

but sort of

895

00:37:54,150 --> 00:37:52,069

[Music]

896

00:37:55,589 --> 00:37:54,160

and our first item here comes from the

897

00:37:59,910 --> 00:37:55,599

canberra times

898

00:38:02,150 --> 00:37:59,920

dated the 4th of january 1974.

899

00:38:03,670 --> 00:38:02,160

the new wizardry and there's a

900

00:38:05,109 --> 00:38:03,680

photograph at the top which is a little

901  
00:38:07,910 --> 00:38:05,119  
hard to make out

902  
00:38:11,670 --> 00:38:07,920  
but the caption says curly and photo

903  
00:38:14,150 --> 00:38:11,680  
high frequency electrical photograph of

904  
00:38:16,870 --> 00:38:14,160  
a fingertip greatly magnified

905  
00:38:20,870 --> 00:38:16,880  
from psy psychic

906  
00:38:23,349 --> 00:38:20,880  
discoveries behind the iron curtain

907  
00:38:26,630 --> 00:38:23,359  
and this is indeed a book review

908  
00:38:29,349 --> 00:38:26,640  
psy psychic discoveries behind the iron

909  
00:38:33,630 --> 00:38:29,359  
curtain by sheila ostrander

910  
00:38:37,750 --> 00:38:36,390  
446 pages

911  
00:38:41,510 --> 00:38:37,760  
three dollars

912  
00:38:43,990 --> 00:38:41,520  
reviewer ronald j evans

913  
00:38:46,390 --> 00:38:44,000

psy psychic discoveries behind the iron

914

00:38:49,510 --> 00:38:46,400

curtain seems like a colorful trip

915

00:38:52,069 --> 00:38:49,520

back through time

916

00:38:54,870 --> 00:38:52,079

all the witches and demons are there

917

00:38:56,950 --> 00:38:54,880

dragged up from the murky subconscious

918

00:38:59,670 --> 00:38:56,960

you'll meet some bizarre characters from

919

00:39:02,870 --> 00:38:59,680

old fortune tellers in bulgaria to

920

00:39:05,109 --> 00:39:02,880

rasputin-like mediums in moscow itself

921

00:39:06,310 --> 00:39:05,119

the real message in the book is not

922

00:39:08,390 --> 00:39:06,320

clear

923

00:39:10,950 --> 00:39:08,400

there are many confusing side issues

924

00:39:14,150 --> 00:39:10,960

ranging from ufos to telepathy to outer

925

00:39:16,710 --> 00:39:14,160

space to studies on reincarnation but

926  
00:39:18,710 --> 00:39:16,720  
once all the laughter has subsided you

927  
00:39:21,750 --> 00:39:18,720  
are tempted to think seriously about

928  
00:39:25,430 --> 00:39:21,760  
what you've just read i have never had

929  
00:39:27,510 --> 00:39:25,440  
any doubts about thought transference

930  
00:39:29,670 --> 00:39:27,520  
telepathy can occur between selected

931  
00:39:31,030 --> 00:39:29,680  
individuals even over quite long

932  
00:39:32,950 --> 00:39:31,040  
distances

933  
00:39:35,589 --> 00:39:32,960  
the lover feels a strong emotion when

934  
00:39:37,670 --> 00:39:35,599  
his partner is injured

935  
00:39:41,349 --> 00:39:37,680  
mothers have nightmares when their

936  
00:39:44,150 --> 00:39:41,359  
children are in mortal danger

937  
00:39:46,550 --> 00:39:44,160  
one mind can tune into another although

938  
00:39:49,109 --> 00:39:46,560

the actual medium through which thoughts

939

00:39:51,589 --> 00:39:49,119

travel still baffles the boffins

940

00:39:53,990 --> 00:39:51,599

the book suggests a few ways for us to

941

00:39:55,750 --> 00:39:54,000

develop this sixth sense

942

00:39:58,230 --> 00:39:55,760

for ourselves

943

00:39:59,430 --> 00:39:58,240

through the authors we meet

944

00:40:01,030 --> 00:39:59,440

nelia

945

00:40:04,069 --> 00:40:01,040

mikhaileva

946

00:40:07,030 --> 00:40:04,079

a pk medium in leningrad

947

00:40:09,030 --> 00:40:07,040

she can focus her thoughts to move or

948

00:40:11,349 --> 00:40:09,040

rotate small objects

949

00:40:12,790 --> 00:40:11,359

you just place a matchbox on the table

950

00:40:15,270 --> 00:40:12,800

in front of her

951  
00:40:16,790 --> 00:40:15,280  
she concentrates very intensely and

952  
00:40:19,270 --> 00:40:16,800  
behold

953  
00:40:21,670 --> 00:40:19,280  
the matchbox will actually move

954  
00:40:24,710 --> 00:40:21,680  
given the right conditions

955  
00:40:29,750 --> 00:40:24,720  
some may laugh

956  
00:40:32,550 --> 00:40:29,760  
films about it well there you go

957  
00:40:33,589 --> 00:40:32,560  
the whole world of levitation reopens

958  
00:40:36,230 --> 00:40:33,599  
for us

959  
00:40:39,670 --> 00:40:36,240  
the soviets are experimenting on thought

960  
00:40:41,349 --> 00:40:39,680  
transference between man and animals and

961  
00:40:45,430 --> 00:40:41,359  
the conditions for

962  
00:40:48,069 --> 00:40:45,440  
willing an idea into someone's head

963  
00:40:50,950 --> 00:40:48,079

the next alarming report concerns

964

00:40:53,430 --> 00:40:50,960

kirlian photography this technique

965

00:40:56,230 --> 00:40:53,440

purports to demonstrate an energy field

966

00:40:58,550 --> 00:40:56,240

possessed by all living tissues

967

00:41:01,589 --> 00:40:58,560

high energy electrical fields amplify

968

00:41:04,390 --> 00:41:01,599

low energy phenomena so that the viewer

969

00:41:06,870 --> 00:41:04,400

sees a sort of test pattern

970

00:41:08,150 --> 00:41:06,880

of the living world and what a world to

971

00:41:10,150 --> 00:41:08,160

behold

972

00:41:11,270 --> 00:41:10,160

looking at leaves and fingertips under

973

00:41:13,990 --> 00:41:11,280

the machine

974

00:41:16,470 --> 00:41:14,000

one sees an aura of sparkling colors

975

00:41:20,390 --> 00:41:16,480

like fireworks the authors suggest that

976  
00:41:22,069 --> 00:41:20,400  
this is some form of ghost or halo

977  
00:41:24,630 --> 00:41:22,079  
for the saints

978  
00:41:27,030 --> 00:41:24,640  
the researchers claim they can predict

979  
00:41:29,750 --> 00:41:27,040  
disease well in advance quite

980  
00:41:32,470 --> 00:41:29,760  
fascinating is this how fortune tellers

981  
00:41:35,829 --> 00:41:32,480  
tell your fortune the style of this book

982  
00:41:36,710 --> 00:41:35,839  
is concise but not scientific

983  
00:41:38,470 --> 00:41:36,720  
really

984  
00:41:40,630 --> 00:41:38,480  
you surprise me

985  
00:41:42,069 --> 00:41:40,640  
the observations are patchy and poorly

986  
00:41:45,349 --> 00:41:42,079  
collated

987  
00:41:48,150 --> 00:41:45,359  
all the well-used questions about

988  
00:41:50,790 --> 00:41:48,160

telepathy and ghosts are revived with

989

00:41:53,670 --> 00:41:50,800

the breath of soviet science

990

00:41:54,790 --> 00:41:53,680

the narrative leaves you with an uncanny

991

00:41:56,550 --> 00:41:54,800

feeling

992

00:41:58,550 --> 00:41:56,560

large areas of the mind seem to be

993

00:42:01,190 --> 00:41:58,560

awaiting our exploration

994

00:42:05,190 --> 00:42:01,200

vast powers of thought control telepathy

995

00:42:08,390 --> 00:42:05,200

and accelerated learning lie dormant yet

996

00:42:11,670 --> 00:42:08,400

we are still unsure just how to go about

997

00:42:13,430 --> 00:42:11,680

the search the authors of psy psychic

998

00:42:16,870 --> 00:42:13,440

discoveries behind the iron curtains

999

00:42:19,190 --> 00:42:16,880

seem to be under a sort of soviet spell

1000

00:42:21,829 --> 00:42:19,200

themselves they give the impression that

1001

00:42:24,550 --> 00:42:21,839

the russians are building a scientific

1002

00:42:27,270 --> 00:42:24,560

bridge back to the mystical religions of

1003

00:42:29,190 --> 00:42:27,280

the east with all the incumbent

1004

00:42:32,069 --> 00:42:29,200

superstition there is something here for

1005

00:42:33,990 --> 00:42:32,079

everyone people with a nostalgia for the

1006

00:42:35,990 --> 00:42:34,000

cold war will be alarmed by the

1007

00:42:39,990 --> 00:42:36,000

suggestion that the russians are working

1008

00:42:40,950 --> 00:42:40,000

on thought machines for use against the

1009

00:42:42,950 --> 00:42:40,960

west

1010

00:42:45,910 --> 00:42:42,960

and that's very interesting when was

1011

00:42:47,750 --> 00:42:45,920

that 1974

1012

00:42:50,309 --> 00:42:47,760

so that was many years before james

1013

00:42:52,790 --> 00:42:50,319

randy traveled to russia to look at and

1014

00:42:55,589 --> 00:42:52,800

test some of these psychics for himself

1015

00:42:57,430 --> 00:42:55,599

and i recommend recommend recommend you

1016

00:43:01,190 --> 00:42:57,440

go to youtube and look up

1017

00:43:02,790 --> 00:43:01,200

secrets of the psychic james randy nova

1018

00:43:05,349 --> 00:43:02,800

and that's when

1019

00:43:07,750 --> 00:43:05,359

1991

1020

00:43:08,950 --> 00:43:07,760

1990 around that era

1021

00:43:11,270 --> 00:43:08,960

randy

1022

00:43:12,950 --> 00:43:11,280

did lots of interesting tests

1023

00:43:14,309 --> 00:43:12,960

in moscow

1024

00:43:15,589 --> 00:43:14,319

now as i said this week is a bit

1025

00:43:17,990 --> 00:43:15,599

different because

1026

00:43:19,910 --> 00:43:18,000

there's not that much directly related

1027

00:43:21,750 --> 00:43:19,920

to curling photography however it does

1028

00:43:23,349 --> 00:43:21,760

get a mention in other articles and i

1029

00:43:25,349 --> 00:43:23,359

think we'll go

1030

00:43:27,990 --> 00:43:25,359

down that avenue we'll

1031

00:43:29,430 --> 00:43:28,000

make a tangent we'll do a right turn

1032

00:43:33,190 --> 00:43:29,440

a u-turn

1033

00:43:37,750 --> 00:43:35,670

and finally we come to the united states

1034

00:43:43,510 --> 00:43:37,760

from the register

1035

00:43:47,349 --> 00:43:43,520

dated sunday the 4th of january 1976

1036

00:43:49,510 --> 00:43:47,359

by bob kirpatrick staff writer and i

1037

00:43:52,069 --> 00:43:49,520

didn't know where the register was based

1038

00:43:54,390 --> 00:43:52,079

it's i think it's in california

1039

00:43:56,630 --> 00:43:54,400

strange things have been happening to

1040

00:43:58,630 --> 00:43:56,640

the younger set in southern california

1041

00:44:01,109 --> 00:43:58,640

involving the spooky

1042

00:44:03,109 --> 00:44:01,119

little understood netherworld of

1043

00:44:05,750 --> 00:44:03,119

parapsychology

1044

00:44:07,109 --> 00:44:05,760

all of its smacks of the powers

1045

00:44:09,670 --> 00:44:07,119

exhibited by

1046

00:44:12,390 --> 00:44:09,680

geller the renowned israeli psychic who

1047

00:44:14,790 --> 00:44:12,400

bends keys and kitchenware with the

1048

00:44:18,870 --> 00:44:14,800

slightest touch of his fingers

1049

00:44:21,270 --> 00:44:18,880

and the unfathomable forces of his mind

1050

00:44:22,790 --> 00:44:21,280

now just stop there this is a great

1051

00:44:26,550 --> 00:44:22,800

example

1052

00:44:30,230 --> 00:44:26,560

of how things are written in newspapers

1053

00:44:33,030 --> 00:44:30,240

uh which help uh propel a myth

1054

00:44:35,030 --> 00:44:33,040

in other words he writes here

1055

00:44:37,829 --> 00:44:35,040

that uraguella

1056

00:44:39,990 --> 00:44:37,839

ben's kitchen where with the slightest

1057

00:44:41,109 --> 00:44:40,000

touch of his fingers

1058

00:44:42,630 --> 00:44:41,119

well no

1059

00:44:44,790 --> 00:44:42,640

it doesn't work that way the trick

1060

00:44:46,870 --> 00:44:44,800

doesn't work that way but that's

1061

00:44:48,790 --> 00:44:46,880

very easy later on

1062

00:44:50,710 --> 00:44:48,800

to write these words and people get the

1063

00:44:52,470 --> 00:44:50,720

wrong impression

1064

00:44:55,750 --> 00:44:52,480

geller's extraordinary powers have

1065

00:44:57,829 --> 00:44:55,760

baffled millions of tv viewers worldwide

1066

00:45:00,390 --> 00:44:57,839

as well as confounding science

1067

00:45:02,390 --> 00:45:00,400

researchers at the prestigious stanford

1068

00:45:04,870 --> 00:45:02,400

research institute

1069

00:45:06,390 --> 00:45:04,880

and if you read the book by james randy

1070

00:45:08,630 --> 00:45:06,400

where is it i have it over here the

1071

00:45:11,030 --> 00:45:08,640

truth about yuri gala

1072

00:45:13,750 --> 00:45:11,040

you uh certainly don't have much respect

1073

00:45:16,150 --> 00:45:13,760

for that institution

1074

00:45:17,589 --> 00:45:16,160

goes on at king's college london

1075

00:45:19,990 --> 00:45:17,599

university and

1076

00:45:21,030 --> 00:45:20,000

and at burbeck college university of

1077

00:45:23,270 --> 00:45:21,040

london

1078

00:45:26,069 --> 00:45:23,280

maligned is a charlatan and super

1079

00:45:28,630 --> 00:45:26,079

magician by skeptics members of the news

1080

00:45:31,430 --> 00:45:28,640

media and a host of envious magicians

1081

00:45:33,670 --> 00:45:31,440

geller's powers of psychokinesis

1082

00:45:35,270 --> 00:45:33,680

century's perception and telepathy are

1083

00:45:37,829 --> 00:45:35,280

nevertheless

1084

00:45:40,950 --> 00:45:37,839

accepted as real by many authorities in

1085

00:45:44,390 --> 00:45:40,960

the field of parapsychology

1086

00:45:46,470 --> 00:45:44,400

that does not surprise me

1087

00:45:47,990 --> 00:45:46,480

one little bit

1088

00:45:49,030 --> 00:45:48,000

and if you know the story of the alpha

1089

00:45:50,950 --> 00:45:49,040

kids

1090

00:45:53,670 --> 00:45:50,960

the two uh

1091

00:45:56,710 --> 00:45:53,680

young guys who fooled easily fooled

1092

00:45:58,470 --> 00:45:56,720

parapsychologists well that could be a

1093

00:46:00,470 --> 00:45:58,480

story for another day

1094

00:46:02,950 --> 00:46:00,480

girl of freely admits that he doesn't

1095

00:46:04,550 --> 00:46:02,960

understand his powers

1096

00:46:07,910 --> 00:46:04,560

ah keep stopping

1097

00:46:10,870 --> 00:46:07,920

geller understands his powers

1098

00:46:15,030 --> 00:46:12,550

you can't do these tricks without

1099

00:46:17,589 --> 00:46:15,040

understanding

1100

00:46:20,150 --> 00:46:17,599

can only speculate on the source of his

1101  
00:46:23,430 --> 00:46:20,160  
mental gifts but insists that these

1102  
00:46:25,109 --> 00:46:23,440  
unique powers are latent in us all

1103  
00:46:27,030 --> 00:46:25,119  
waiting to be tapped

1104  
00:46:29,750 --> 00:46:27,040  
three southern california youngsters

1105  
00:46:30,470 --> 00:46:29,760  
will agree with geller they have tuned

1106  
00:46:32,710 --> 00:46:30,480  
in

1107  
00:46:35,829 --> 00:46:32,720  
on this strange force too

1108  
00:46:39,270 --> 00:46:35,839  
take colleen cummins of long beach for

1109  
00:46:41,910 --> 00:46:39,280  
example she too has mangled stainless

1110  
00:46:44,069 --> 00:46:41,920  
steel silverware items of jewelry and

1111  
00:46:46,230 --> 00:46:44,079  
assorted metal objects but there this

1112  
00:46:49,190 --> 00:46:46,240  
similarity ends

1113  
00:46:51,430 --> 00:46:49,200

colleen is 16. she's beautiful a

1114

00:46:54,150 --> 00:46:51,440

striking brunette with sparkling dark

1115

00:46:58,470 --> 00:46:54,160

eyes and an easy smile this high school

1116

00:47:01,349 --> 00:46:58,480

charmer is neither kooky nor spooky

1117

00:47:02,950 --> 00:47:01,359

and until recently she has thoroughly

1118

00:47:06,230 --> 00:47:02,960

enjoyed quote

1119

00:47:08,870 --> 00:47:06,240

doing her thing end quote for everyone

1120

00:47:11,910 --> 00:47:08,880

for school chums for universities for

1121

00:47:13,670 --> 00:47:11,920

newsmen even for parapsychological

1122

00:47:15,829 --> 00:47:13,680

experimenters

1123

00:47:17,430 --> 00:47:15,839

now you'll stop there quickly again i i

1124

00:47:19,190 --> 00:47:17,440

looked her up and i couldn't find any

1125

00:47:21,910 --> 00:47:19,200

references to her so

1126

00:47:23,270 --> 00:47:21,920

i guess it was just a flash in the pan

1127

00:47:25,630 --> 00:47:23,280

thing at the time

1128

00:47:28,390 --> 00:47:25,640

she discovered her unusual power in an

1129

00:47:31,030 --> 00:47:28,400

unspectacular manner but has been doing

1130

00:47:34,390 --> 00:47:31,040

some spectacular things ever since

1131

00:47:36,870 --> 00:47:34,400

together with her father dr b l cummins

1132

00:47:39,750 --> 00:47:36,880

a long beach gynecologist she was

1133

00:47:41,829 --> 00:47:39,760

watching gala perform on tv

1134

00:47:44,230 --> 00:47:41,839

both were intrigued as geller bent metal

1135

00:47:47,109 --> 00:47:44,240

objects by concentrating on them and

1136

00:47:51,190 --> 00:47:47,119

gently stroking them with his fingers

1137

00:47:53,910 --> 00:47:51,200

willing them to twist out of shape

1138

00:47:55,109 --> 00:47:53,920

let's try that ourselves dr cummins

1139

00:47:57,270 --> 00:47:55,119

suggested

1140

00:47:58,870 --> 00:47:57,280

fetching some stainless steel silverware

1141

00:48:01,109 --> 00:47:58,880

from the kitchen the two attempted to

1142

00:48:03,990 --> 00:48:01,119

emulate geller's performance

1143

00:48:05,030 --> 00:48:04,000

dr cummins failed not so

1144

00:48:07,510 --> 00:48:05,040

colleen

1145

00:48:10,710 --> 00:48:07,520

in a few minutes she recalled

1146

00:48:13,589 --> 00:48:10,720

the spoon she was stroking became

1147

00:48:16,950 --> 00:48:13,599

warm to the touch as she described it

1148

00:48:18,710 --> 00:48:16,960

her fingers sensed a feeling of fluidity

1149

00:48:21,430 --> 00:48:18,720

a peculiar

1150

00:48:23,510 --> 00:48:21,440

malleability bordering on

1151

00:48:26,470 --> 00:48:23,520

a liquid flow

1152

00:48:30,790 --> 00:48:26,480

exerting no pressure she related she

1153

00:48:33,030 --> 00:48:30,800

felt the spoon's stem arc to a 45 degree

1154

00:48:35,109 --> 00:48:33,040

angle to 90 degrees

1155

00:48:37,829 --> 00:48:35,119

then continue until it had

1156

00:48:39,750 --> 00:48:37,839

bent completely double

1157

00:48:42,790 --> 00:48:39,760

the winsome brunette

1158

00:48:45,589 --> 00:48:42,800

was admittedly shaken by her discovery

1159

00:48:47,510 --> 00:48:45,599

but not for long with the encouragement

1160

00:48:49,829 --> 00:48:47,520

of her parents she came to accept her

1161

00:48:52,150 --> 00:48:49,839

strange ability with an equanimity

1162

00:48:54,950 --> 00:48:52,160

beyond her years colleen freely

1163

00:48:58,069 --> 00:48:54,960

demonstrated her psychokinetic power

1164

00:49:01,270 --> 00:48:58,079

the production or alteration of motion

1165

00:49:02,710 --> 00:49:01,280

in a object by influence of the mind

1166

00:49:05,510 --> 00:49:02,720

to all comers

1167

00:49:07,349 --> 00:49:05,520

unlike geller she hasn't earned a

1168

00:49:08,950 --> 00:49:07,359

roosevelt dime

1169

00:49:11,349 --> 00:49:08,960

for her efforts

1170

00:49:13,990 --> 00:49:11,359

she once won a one dollar bet

1171

00:49:16,390 --> 00:49:14,000

with a school chum skeptic she admits by

1172

00:49:18,549 --> 00:49:16,400

making a cafeteria spoon

1173

00:49:21,670 --> 00:49:18,559

writhe out of shape

1174

00:49:24,069 --> 00:49:21,680

but her mother made her return the loot

1175

00:49:26,710 --> 00:49:24,079

colleen accepted an invitation to

1176

00:49:29,270 --> 00:49:26,720

perform at a class conducted by

1177

00:49:32,390 --> 00:49:29,280

professor alvin h lawson at the

1178

00:49:34,390 --> 00:49:32,400

california state university long beach

1179

00:49:37,190 --> 00:49:34,400

while a series of psychics were

1180

00:49:39,510 --> 00:49:37,200

lecturing on paranormal phenomena

1181

00:49:41,670 --> 00:49:39,520

colleen sat in the rear of the classroom

1182

00:49:44,710 --> 00:49:41,680

awaiting her turn before the class

1183

00:49:46,549 --> 00:49:44,720

unaware that the closed circuit tv was

1184

00:49:49,109 --> 00:49:46,559

training on her

1185

00:49:51,349 --> 00:49:49,119

she practiced her metal bending

1186

00:49:53,510 --> 00:49:51,359

on a stainless steel fork

1187

00:49:56,069 --> 00:49:53,520

her mother a student in the evening

1188

00:49:58,230 --> 00:49:56,079

class sat beside her fascinated i

1189

00:49:59,829 --> 00:49:58,240

watched the tv monitor and saw her bend

1190

00:50:02,630 --> 00:49:59,839

the fork double

1191

00:50:05,030 --> 00:50:02,640

then twist the tines in different

1192

00:50:08,069 --> 00:50:05,040

directions all with the touch of her

1193

00:50:10,390 --> 00:50:08,079

delicate fingers and some undefined

1194

00:50:12,950 --> 00:50:10,400

power of her mind

1195

00:50:15,750 --> 00:50:12,960

later in front of the class colleen had

1196

00:50:16,790 --> 00:50:15,760

little success with the second kitchen

1197

00:50:18,950 --> 00:50:16,800

implement

1198

00:50:21,190 --> 00:50:18,960

the unfamiliar surroundings the tension

1199

00:50:24,150 --> 00:50:21,200

within her and the desire to succeed on

1200

00:50:26,549 --> 00:50:24,160

demand coupled with an aura of impatient

1201

00:50:29,990 --> 00:50:26,559

expectation mingled with

1202

00:50:32,790 --> 00:50:30,000

hostile skepticism

1203

00:50:34,790 --> 00:50:32,800

apparently short-circuited her power

1204

00:50:38,230 --> 00:50:34,800

negative results

1205

00:50:41,030 --> 00:50:38,240

it's an interesting hostile skepticism

1206

00:50:44,390 --> 00:50:41,040

there's bad skeptics this is so often

1207

00:50:45,349 --> 00:50:44,400

the case with psychics remark dr thelma

1208

00:50:47,910 --> 00:50:45,359

moss

1209

00:50:51,109 --> 00:50:47,920

now i think that name's come up before

1210

00:50:53,430 --> 00:50:51,119

research psychologist at ucla's

1211

00:50:55,750 --> 00:50:53,440

department of neuropsychiatry when i

1212

00:50:57,349 --> 00:50:55,760

describe the incident to her when called

1213

00:50:59,829 --> 00:50:57,359

upon to perform

1214

00:51:02,950 --> 00:50:59,839

when under pressure or in an atmosphere

1215

00:51:05,270 --> 00:51:02,960

of hostility or skepticism it frequently

1216

00:51:06,630 --> 00:51:05,280

happens they can't perform and a quick

1217

00:51:10,630 --> 00:51:06,640

note from me

1218

00:51:13,270 --> 00:51:10,640

in an atmosphere of skepticism

1219

00:51:14,309 --> 00:51:13,280

yeah you can read for that um when

1220

00:51:15,670 --> 00:51:14,319

proper

1221

00:51:17,990 --> 00:51:15,680

controls

1222

00:51:20,390 --> 00:51:18,000

and uh

1223

00:51:22,309 --> 00:51:20,400

proper scientific rigor is

1224

00:51:25,270 --> 00:51:22,319

is used

1225

00:51:27,109 --> 00:51:25,280

magically enough so to speak the psychic

1226  
00:51:28,549 --> 00:51:27,119  
power disappears

1227  
00:51:30,790 --> 00:51:28,559  
convinced of the

1228  
00:51:33,030 --> 00:51:30,800  
genuineness of her power

1229  
00:51:34,470 --> 00:51:33,040  
i interviewed colleen in her home at a

1230  
00:51:37,190 --> 00:51:34,480  
later date

1231  
00:51:39,910 --> 00:51:37,200  
the atmosphere in her luxurious living

1232  
00:51:41,990 --> 00:51:39,920  
room was friendly and relaxed as we

1233  
00:51:45,030 --> 00:51:42,000  
chatted easily about her activities at

1234  
00:51:47,190 --> 00:51:45,040  
school her interest in church activities

1235  
00:51:49,270 --> 00:51:47,200  
and how her parents and brothers felt

1236  
00:51:51,750 --> 00:51:49,280  
about her newly found psychokinetic

1237  
00:51:52,790 --> 00:51:51,760  
power and let me stop here once again

1238  
00:51:54,150 --> 00:51:52,800

i'm just

1239

00:51:56,870 --> 00:51:54,160

it's just

1240

00:51:59,109 --> 00:51:56,880

occurring to me but i think at the time

1241

00:52:00,950 --> 00:51:59,119

here in australia also

1242

00:52:03,589 --> 00:52:00,960

popped up in the

1243

00:52:04,710 --> 00:52:03,599

mid to late 70s other

1244

00:52:06,870 --> 00:52:04,720

youngsters

1245

00:52:08,950 --> 00:52:06,880

who learned the trick and then

1246

00:52:11,270 --> 00:52:08,960

found fleeting fame

1247

00:52:12,309 --> 00:52:11,280

fooling fellow students and reporters

1248

00:52:15,030 --> 00:52:12,319

and whatever

1249

00:52:17,589 --> 00:52:15,040

in fact there was one child referred to

1250

00:52:19,430 --> 00:52:17,599

as ori the melbourne boy

1251  
00:52:22,549 --> 00:52:19,440  
in the documentary james randy in

1252  
00:52:24,710 --> 00:52:22,559  
australia from 1980 and whoever ori the

1253  
00:52:27,190 --> 00:52:24,720  
melbourne boy was bent a spoon for a

1254  
00:52:29,030 --> 00:52:27,200  
reporter and that reporter was convinced

1255  
00:52:30,870 --> 00:52:29,040  
at the time that the boy had special

1256  
00:52:32,549 --> 00:52:30,880  
powers

1257  
00:52:35,109 --> 00:52:32,559  
okay we go on

1258  
00:52:37,190 --> 00:52:35,119  
as we talked she gently stroked a heavy

1259  
00:52:38,790 --> 00:52:37,200  
gauge stainless steel fork which i had

1260  
00:52:39,589 --> 00:52:38,800  
brought with me

1261  
00:52:41,430 --> 00:52:39,599  
no

1262  
00:52:43,510 --> 00:52:41,440  
it really doesn't matter if you

1263  
00:52:46,710 --> 00:52:43,520

interrupt me with questions colin

1264

00:52:48,630 --> 00:52:46,720

reassured me with a flashing smile

1265

00:52:50,950 --> 00:52:48,640

actually it's better this way

1266

00:52:53,510 --> 00:52:50,960

it's much better if we continue just

1267

00:52:55,270 --> 00:52:53,520

talking rather than sit here quietly and

1268

00:52:58,150 --> 00:52:55,280

wait for something to happen

1269

00:53:00,390 --> 00:52:58,160

we talked and it happened

1270

00:53:02,230 --> 00:53:00,400

fifteen minutes later colleen remarked

1271

00:53:05,030 --> 00:53:02,240

it's getting warm

1272

00:53:07,270 --> 00:53:05,040

i can feel it now i don't know how to

1273

00:53:09,829 --> 00:53:07,280

describe it it's almost as if there were

1274

00:53:12,150 --> 00:53:09,839

no fork between my finger and my thumb

1275

00:53:15,670 --> 00:53:12,160

it's as though i can feel my finger

1276

00:53:18,390 --> 00:53:15,680

touching my thumb we stopped momentarily

1277

00:53:21,190 --> 00:53:18,400

to examine the fork it had bent to an

1278

00:53:24,150 --> 00:53:21,200

almost 90 degree angle colleen

1279

00:53:26,069 --> 00:53:24,160

resumed stroking the fork gently afraid

1280

00:53:28,390 --> 00:53:26,079

to shatter the spell i kept silent and

1281

00:53:31,910 --> 00:53:28,400

watched intently in a few minutes the

1282

00:53:34,150 --> 00:53:31,920

fork had bent even more now 120 degrees

1283

00:53:36,870 --> 00:53:34,160

from its original shape colleen gave it

1284

00:53:40,630 --> 00:53:36,880

to me to examine i was convinced no

1285

00:53:43,349 --> 00:53:40,640

trickery no hocus pocus

1286

00:53:46,069 --> 00:53:43,359

no sleight of hand oh dear

1287

00:53:47,430 --> 00:53:46,079

i asked if i might keep the fork

1288

00:53:49,990 --> 00:53:47,440

in evidence

1289

00:53:52,150 --> 00:53:50,000

i joked colleen flashed a broad smile of

1290

00:53:55,109 --> 00:53:52,160

course we a week later with the consent

1291

00:53:58,549 --> 00:53:55,119

of her parents i escorted colleen to dr

1292

00:54:01,030 --> 00:53:58,559

moss research laboratory at ucla

1293

00:54:03,589 --> 00:54:01,040

dr moss had expressed keen interest in

1294

00:54:05,750 --> 00:54:03,599

colleen and wanted to see her perform

1295

00:54:07,430 --> 00:54:05,760

i had some misgivings upon entering dr

1296

00:54:09,750 --> 00:54:07,440

moss's laboratory

1297

00:54:12,309 --> 00:54:09,760

it was relatively small

1298

00:54:16,230 --> 00:54:12,319

and crowded with research associates dr

1299

00:54:18,309 --> 00:54:16,240

moss was busily engaged in here it comes

1300

00:54:20,790 --> 00:54:18,319

curling photography

1301  
00:54:23,670 --> 00:54:20,800  
experiments but she found time to greet

1302  
00:54:26,069 --> 00:54:23,680  
us and settle colleen into a chair

1303  
00:54:27,670 --> 00:54:26,079  
at one corner of the tiny lab

1304  
00:54:30,309 --> 00:54:27,680  
all of us gathered around to watch

1305  
00:54:31,990 --> 00:54:30,319  
colleen stroke a nail then a stainless

1306  
00:54:33,109 --> 00:54:32,000  
steel fork

1307  
00:54:34,950 --> 00:54:33,119  
nothing

1308  
00:54:36,309 --> 00:54:34,960  
colleen was embarrassed and we were

1309  
00:54:38,470 --> 00:54:36,319  
sympathetic but

1310  
00:54:40,390 --> 00:54:38,480  
undeniably disappointed

1311  
00:54:43,030 --> 00:54:40,400  
someone suggested that colleen be taken

1312  
00:54:45,270 --> 00:54:43,040  
to dr moss's private office two floors

1313  
00:54:48,549 --> 00:54:45,280

below for observation in quiet

1314

00:54:50,230 --> 00:54:48,559

surroundings removed from the hubbub

1315

00:54:53,109 --> 00:54:50,240

in the busy lab

1316

00:54:55,430 --> 00:54:53,119

young jim cole a psychologist working on

1317

00:54:58,069 --> 00:54:55,440

his master's degree and doing research

1318

00:55:00,230 --> 00:54:58,079

in psychic healing

1319

00:55:03,190 --> 00:55:00,240

volunteered to accompany colleen a

1320

00:55:05,750 --> 00:55:03,200

handsome young man in his late 20s with

1321

00:55:08,069 --> 00:55:05,760

a neatly trimmed beard and an easy

1322

00:55:09,510 --> 00:55:08,079

manner which quickly won

1323

00:55:12,630 --> 00:55:09,520

colleen's trust

1324

00:55:14,630 --> 00:55:12,640

jim led us to the quiet solitude of dr

1325

00:55:17,829 --> 00:55:14,640

moss's office

1326

00:55:19,910 --> 00:55:17,839

it was agreed that if colleen achieved

1327

00:55:22,950 --> 00:55:19,920

any success jim would immediately alert

1328

00:55:25,030 --> 00:55:22,960

dr moss by phone

1329

00:55:27,109 --> 00:55:25,040

i don't think you could get further away

1330

00:55:28,470 --> 00:55:27,119

from any sort of scientific protocols

1331

00:55:31,030 --> 00:55:28,480

than this

1332

00:55:33,430 --> 00:55:31,040

as we watched colleen proceeded to

1333

00:55:34,789 --> 00:55:33,440

stroke the fork gently willing it to

1334

00:55:37,829 --> 00:55:34,799

bend

1335

00:55:39,990 --> 00:55:37,839

suddenly she turned to me and remarked

1336

00:55:41,349 --> 00:55:40,000

i think something's beginning to happen

1337

00:55:43,750 --> 00:55:41,359

it's getting warm

1338

00:55:44,870 --> 00:55:43,760

some 15 minutes later cole telephoned

1339

00:55:47,109 --> 00:55:44,880

the lab

1340

00:55:49,430 --> 00:55:47,119

sure enough it's happened

1341

00:55:51,990 --> 00:55:49,440

he told dr moss

1342

00:55:54,470 --> 00:55:52,000

she hastened to her office where jim and

1343

00:55:58,309 --> 00:55:54,480

colleen happily presented the fork bent

1344

00:55:59,430 --> 00:55:58,319

beyond a 100 degree angle for her

1345

00:56:01,910 --> 00:55:59,440

inspection

1346

00:56:04,630 --> 00:56:01,920

she did it she did it shuttle dr moss

1347

00:56:06,549 --> 00:56:04,640

happily wow

1348

00:56:08,549 --> 00:56:06,559

that that's that's all the evidence that

1349

00:56:10,230 --> 00:56:08,559

this dr moss needed

1350

00:56:12,870 --> 00:56:10,240

good grief

1351

00:56:15,270 --> 00:56:12,880

it's the darndest thing i've ever seen

1352

00:56:17,430 --> 00:56:15,280

was the only comment jim could offer

1353

00:56:19,109 --> 00:56:17,440

with a rye grin

1354

00:56:21,589 --> 00:56:19,119

colleen's mounting powers of

1355

00:56:23,589 --> 00:56:21,599

psychokinesis came to an abrupt end

1356

00:56:25,349 --> 00:56:23,599

later following a traumatic experience

1357

00:56:27,190 --> 00:56:25,359

while undergoing experiments at the

1358

00:56:29,670 --> 00:56:27,200

lawrence livermore laboratories last

1359

00:56:31,589 --> 00:56:29,680

summer placed under hypnosis during one

1360

00:56:34,230 --> 00:56:31,599

experiment her mother-elated

1361

00:56:35,829 --> 00:56:34,240

psychologist had difficulty waking her

1362

00:56:38,069 --> 00:56:35,839

from her trance

1363

00:56:40,950 --> 00:56:38,079

reportedly it took three hours to break

1364

00:56:43,430 --> 00:56:40,960

her hypnotic spell and she almost missed

1365

00:56:45,589 --> 00:56:43,440

the plane returning her to long beach

1366

00:56:48,150 --> 00:56:45,599

but prior to this mishap colleen said

1367

00:56:51,109 --> 00:56:48,160

she had succeeded in producing the

1368

00:56:53,829 --> 00:56:51,119

geller effect on plastic wear

1369

00:56:56,549 --> 00:56:53,839

some thing she claims geller has not

1370

00:57:00,069 --> 00:56:56,559

been able to do in addition she reports

1371

00:57:02,230 --> 00:57:00,079

she managed to mangle a dishwasher full

1372

00:57:05,190 --> 00:57:02,240

of silverware at home before reporting

1373

00:57:07,990 --> 00:57:05,200

to livermore for testing while at the

1374

00:57:10,549 --> 00:57:08,000

laboratories there colleen met israeli

1375

00:57:13,349 --> 00:57:10,559

psychic geller also undergoing tests and

1376

00:57:16,390 --> 00:57:13,359

had a chance to compare notes with him

1377

00:57:17,750 --> 00:57:16,400

on her experiences with psychokinetic

1378

00:57:19,910 --> 00:57:17,760

power

1379

00:57:23,270 --> 00:57:19,920

can you imagine

1380

00:57:25,589 --> 00:57:23,280

been that would have been

1381

00:57:27,910 --> 00:57:25,599

a strange thing indeed

1382

00:57:29,349 --> 00:57:27,920

because both this young lady and gala

1383

00:57:32,069 --> 00:57:29,359

would have been

1384

00:57:35,990 --> 00:57:32,079

happily um telling the other one that

1385

00:57:40,549 --> 00:57:38,470

oh dear can you imagine on returning

1386

00:57:43,109 --> 00:57:40,559

from livermore colleen halted all

1387

00:57:45,750 --> 00:57:43,119

experimentation member of a deeply

1388

00:57:48,390 --> 00:57:45,760

religious family and herself active in

1389

00:57:51,349 --> 00:57:48,400

the church of latter-day saints

1390

00:57:52,870 --> 00:57:51,359

she chose to shun the strange world of

1391

00:57:55,349 --> 00:57:52,880

paranormality

1392

00:57:57,910 --> 00:57:55,359

as a mother put it colleen has lost all

1393

00:57:59,910 --> 00:57:57,920

interest in this area and wants to

1394

00:58:02,069 --> 00:57:59,920

forget the whole thing she wants to

1395

00:58:04,549 --> 00:58:02,079

regard it simply as one

1396

00:58:06,470 --> 00:58:04,559

episode in her life and turn her

1397

00:58:08,150 --> 00:58:06,480

attention to other things

1398

00:58:09,829 --> 00:58:08,160

extraordinary

1399

00:58:12,710 --> 00:58:09,839

well

1400

00:58:14,789 --> 00:58:12,720

by bob kirkpatrick

1401

00:58:17,030 --> 00:58:14,799

staff writer

1402

00:58:19,030 --> 00:58:17,040

uh it i can't help thinking of the times

1403

00:58:21,589 --> 00:58:19,040

that i've had fun with journalists

1404

00:58:23,990 --> 00:58:21,599

tv reporters over the years bending

1405

00:58:25,430 --> 00:58:24,000

spoons and so on in a similar manner but

1406

00:58:27,829 --> 00:58:25,440

of course

1407

00:58:29,270 --> 00:58:27,839

i always tell them it's a trick

1408

00:58:31,190 --> 00:58:29,280

and

1409

00:58:32,950 --> 00:58:31,200

we all have a laugh

1410

00:58:34,870 --> 00:58:32,960

but i guess it came a bit too much for

1411

00:58:38,630 --> 00:58:34,880

this young lady

1412

00:58:40,230 --> 00:58:38,640

and uh i guess he simply lost interest

1413

00:58:43,270 --> 00:58:40,240

well there we go

1414

00:58:44,630 --> 00:58:43,280

a couple of very strange side excursions

1415

00:58:45,670 --> 00:58:44,640

tangents

1416

00:58:48,230 --> 00:58:45,680

there

1417

00:58:50,470 --> 00:58:48,240

on the theme of curling photography but

1418

00:58:51,670 --> 00:58:50,480

i'm sort of glad it went that way i

1419

00:58:55,910 --> 00:58:51,680

really

1420

00:58:58,230 --> 00:58:55,920

report

1421

00:59:01,109 --> 00:58:58,240

which is entitled if i didn't mention it

1422

00:59:05,829 --> 00:59:01,119

before junior set on psychic bender

1423

00:59:10,789 --> 00:59:08,309

now on next week's trove we'll be taking

1424

00:59:15,510 --> 00:59:10,799

a closer look at some more reports of

1425

00:59:16,630 --> 00:59:15,520

psychic kids in the 1970s

1426

00:59:19,030 --> 00:59:16,640

again

1427

00:59:21,990 --> 00:59:19,040

written by bob kirkpatrick and the

1428

00:59:25,990 --> 00:59:22,000

register as it happens is the i've

1429

00:59:27,510 --> 00:59:26,000

discovered is the santa ana register

1430

00:59:29,349 --> 00:59:27,520

and to give you a little taste of next

1431

00:59:32,549 --> 00:59:29,359

week this will be a report from the 4th

1432

00:59:34,549 --> 00:59:32,559

of january 1976 county boys explore

1433

00:59:37,270 --> 00:59:34,559

eerie psychic world

1434

00:59:39,750 --> 00:59:37,280

two orange county youngsters have joined

1435

00:59:42,710 --> 00:59:39,760

the spoon bending set duplicating the

1436

00:59:44,300 --> 00:59:42,720

psychokinetic power of israeli psychic

1437

00:59:48,870 --> 00:59:44,310

hirigela

1438

00:59:51,990 --> 00:59:49,670

and

1439

00:59:53,950 --> 00:59:52,000

you too can get to the bottom of many

1440

00:59:56,870 --> 00:59:53,960

tricks by going to trove at

1441

00:59:58,549 --> 00:59:56,880

trove.nla.gov dot a u or no matter where

1442

01:00:01,190 --> 00:59:58,559

you are in the world it's worth looking

1443

01:00:03,910 --> 01:00:01,200

up your local online libraries or

1444

01:00:05,670 --> 01:00:03,920

references to historical newspapers and

1445

01:00:12,540 --> 01:00:05,680

you'll never know

1446

01:00:12,550 --> 01:00:30,789

[Music]

1447

01:00:34,150 --> 01:00:32,230

thank you for listening to the skeptic

1448

01:00:36,549 --> 01:00:34,160

zone on next week's show

1449

01:00:39,190 --> 01:00:36,559

another story from the same reporter bob

1450

01:00:42,549 --> 01:00:39,200

kirkpatrick who reported on the um

1451

01:00:46,309 --> 01:00:42,559

spoon bending uh school student he found

1452

01:00:48,309 --> 01:00:46,319

more yes he found more spoon benders and

1453

01:00:49,589 --> 01:00:48,319

psychic kids

1454

01:00:52,150 --> 01:00:49,599

in the day

1455

01:00:54,950 --> 01:00:52,160

a fascinating story coming up for next

1456

01:00:56,789 --> 01:00:54,960

week's episode

1457

01:00:58,630 --> 01:00:56,799

thank you to those people who continue

1458

01:00:59,910 --> 01:00:58,640

to support the skeptic zone at patreon

1459

01:01:01,990 --> 01:00:59,920

or paypal

1460

01:01:03,990 --> 01:01:02,000

or via page on a paypal at

1461

01:01:05,750 --> 01:01:04,000

skepticzone.tv

1462

01:01:07,910 --> 01:01:05,760

without your contributions there would

1463

01:01:09,430 --> 01:01:07,920

be no skeptic zone for everybody else to

1464

01:01:11,750 --> 01:01:09,440

listen to

1465

01:01:13,910 --> 01:01:11,760

including me hmm

1466

01:01:17,190 --> 01:01:13,920

and there's a thought if i stopped doing

1467

01:01:19,430 --> 01:01:17,200

the show i couldn't listen to it anymore

1468

01:01:21,670 --> 01:01:19,440

it sort of makes sense i guess

1469

01:01:24,390 --> 01:01:21,680

but for this week with the planes and

1470

01:01:26,150 --> 01:01:24,400

the cicadas and the cars going by and

1471

01:01:27,910 --> 01:01:26,160

people in the park and

1472

01:01:30,150 --> 01:01:27,920

who knows what else

1473

01:01:31,589 --> 01:01:30,160

this is richard saunders signing off

1474

01:01:40,230 --> 01:01:31,599

from

1475

01:01:43,430 --> 01:01:41,990

you've been listening to the skeptic

1476

01:01:44,870 --> 01:01:43,440

zone podcast

1477

01:01:47,990 --> 01:01:44,880

please visit our website at

1478

01:01:53,670 --> 01:01:51,109

for show notes contacts and to access

1479

01:01:55,829 --> 01:01:53,680

the back catalog of episodes going back

1480

01:01:57,829 --> 01:01:55,839

to 2008

1481

01:02:00,549 --> 01:01:57,839

you can follow the skeptic zone podcast

1482

01:02:02,710 --> 01:02:00,559

on twitter at skepticzone

1483

01:02:04,950 --> 01:02:02,720

visit our facebook page or leave a

1484

01:02:07,109 --> 01:02:04,960

review on itunes

1485

01:02:10,309 --> 01:02:07,119

you can also support the skeptic zone

1486

01:02:13,430 --> 01:02:10,319

via patreon or paypal the skeptic zone

1487

01:02:15,270 --> 01:02:13,440

podcast is an independent production

1488

01:02:17,589 --> 01:02:15,280

the views and opinions expressed on the

1489

01:02:20,069 --> 01:02:17,599

skeptic zone are not necessarily those

1490

01:02:21,730 --> 01:02:20,079

of australian skeptics or any other