

Episode 735

**THE
SKEPTIC
ZONE
PODCAST**

www.skepticzone.tv

6 November 2022

**Rob Palmer
reports from
CSICon 2022
with
Prof. Richard Dawkins**

**Adrienne Hill
with
Australian Skeptics News**

**Jo Alabaster
Biodynamic Gardening**

**TROVE looks at
James Randi
and Uri Geller**



Adrienne Hill



Jo Alabaster



Rob Palmer



Richard Saunders



1
00:00:13,920 --> 00:00:09,049
welcome to the skeptic Zone the podcast

2
00:00:16,840 --> 00:00:13,930
from Australia for science and reason

3
00:00:23,750 --> 00:00:16,850
[Applause]

4
00:00:29,570 --> 00:00:25,730
yes it's the skeptic Zone podcast

5
00:00:33,530 --> 00:00:29,580
episode number 735 for the 6th of

6
00:00:36,049 --> 00:00:33,540
November 2022 Richard Saunders coming to

7
00:00:38,810 --> 00:00:36,059
you from Sunny Sydney Australia I tell

8
00:00:41,990 --> 00:00:38,820
you what folks I tell you what earlier

9
00:00:43,630 --> 00:00:42,000
on in the week I was doing some filming

10
00:00:47,389 --> 00:00:43,640
on a new movie

11
00:00:49,970 --> 00:00:47,399
starring a very very well-known

12
00:00:51,709 --> 00:00:49,980
Hollywood star but more about that at

13
00:00:54,889 --> 00:00:51,719

some other time

14

00:00:57,709 --> 00:00:54,899

in any case we were filming downtown in

15

00:00:59,869 --> 00:00:57,719

the middle of the city between buildings

16

00:01:02,450 --> 00:00:59,879

in a sort of an artificial Canyon these

17

00:01:04,910 --> 00:01:02,460

buildings make up in any major city and

18

00:01:07,550 --> 00:01:04,920

the wind I swear

19

00:01:11,450 --> 00:01:07,560

where was direct from the Antarctic it

20

00:01:13,010 --> 00:01:11,460

was blustery it was cold it was bone

21

00:01:15,649 --> 00:01:13,020

chilling

22

00:01:17,090 --> 00:01:15,659

Sydney in November can be like this

23

00:01:19,730 --> 00:01:17,100

sometimes

24

00:01:24,350 --> 00:01:19,740

even though it was freezing cold we know

25

00:01:26,390 --> 00:01:24,360

that spring is here no is it here

26

00:01:28,730 --> 00:01:26,400

the dates in Australia are funny when it

27

00:01:30,530 --> 00:01:28,740

comes to Seasons spring is either here

28

00:01:33,830 --> 00:01:30,540

or it's not far away but there are

29

00:01:37,310 --> 00:01:33,840

blooms flowers are blooming so spring

30

00:01:38,569 --> 00:01:37,320

has sprung in Sydney anyway maybe in

31

00:01:40,370 --> 00:01:38,579

Melbourne too

32

00:01:42,230 --> 00:01:40,380

and they say that show business is

33

00:01:44,630 --> 00:01:42,240

glamorous hmm

34

00:01:47,149 --> 00:01:44,640

coming up on this week's show something

35

00:01:50,389 --> 00:01:47,159

that was glamorous was the recent uh

36

00:01:52,690 --> 00:01:50,399

cycon in Las Vegas and our guest

37

00:01:56,810 --> 00:01:52,700

reporter Rob Palmer

38

00:01:59,389 --> 00:01:56,820

roves around the halls at the Flamingo

39

00:02:02,210 --> 00:01:59,399

Hotel and this time he bumps into David

40

00:02:06,230 --> 00:02:02,220

Grimes one of the speakers at the scicon

41

00:02:10,370 --> 00:02:06,240

who is a cancer researcher and also with

42

00:02:12,729 --> 00:02:10,380

a friend of ours who uh joins us on the

43

00:02:16,490 --> 00:02:12,739

trivia Susan gerbeck's trivia every week

44

00:02:19,309 --> 00:02:16,500

remyo Rodriguez and finally the and

45

00:02:22,670 --> 00:02:19,319

finally Rob has a few words with uh

46

00:02:24,170 --> 00:02:22,680

noted author and biologist Richard

47

00:02:26,390 --> 00:02:24,180

Dawkins

48

00:02:28,369 --> 00:02:26,400

following that Adrian Hill brings us the

49

00:02:29,390 --> 00:02:28,379

Australian Skeptics newsletter once

50

00:02:32,510 --> 00:02:29,400

again

51
00:02:35,030 --> 00:02:32,520
from the land of Canada it all makes

52
00:02:37,670 --> 00:02:35,040
sense yes the best place to read the

53
00:02:39,410 --> 00:02:37,680
Australian Skeptics newsletter is Canada

54
00:02:41,809 --> 00:02:39,420
thank you Adrian

55
00:02:45,290 --> 00:02:41,819
then another classic report from 2016

56
00:02:48,970 --> 00:02:45,300
with Joe Alabaster evidence please with

57
00:02:52,449 --> 00:02:48,980
Joe Alabaster and Joe looks at

58
00:02:54,949 --> 00:02:52,459
biodynamic gardening yes

59
00:02:57,170 --> 00:02:54,959
truth can be Stranger Than Fiction

60
00:02:59,449 --> 00:02:57,180
what's it all about find out with Joe

61
00:03:01,610 --> 00:02:59,459
Alabaster then to round off the show

62
00:03:03,290 --> 00:03:01,620
it's the Trove archives or this time I

63
00:03:06,410 --> 00:03:03,300

think we go further afield to the United

64

00:03:08,869 --> 00:03:06,420

States to read a report a review and an

65

00:03:11,570 --> 00:03:08,879

interview with James Randy about his

66

00:03:13,130 --> 00:03:11,580

book The Magic of Yuri gella nor as it

67

00:03:16,910 --> 00:03:13,140

was uh later

68

00:03:19,190 --> 00:03:16,920

uh titled the truth about Yuri gella a

69

00:03:21,949 --> 00:03:19,200

fascinating little look into history

70

00:03:24,710 --> 00:03:21,959

and as I mentioned in the segment

71

00:03:27,589 --> 00:03:24,720

um we've got these two forces throughout

72

00:03:29,750 --> 00:03:27,599

fiction in history we can think about

73

00:03:32,390 --> 00:03:29,760

Sherlock Holmes and Professor Moriarty

74

00:03:34,430 --> 00:03:32,400

or more recently we have the doctor as

75

00:03:36,649 --> 00:03:34,440

in Doctor Who and the master

76

00:03:40,009 --> 00:03:36,659

well for a while there we had James

77

00:03:42,710 --> 00:03:40,019

Randy and Yuri Gala this comes from the

78

00:03:44,990 --> 00:03:42,720

mid 70s a fascinating time in the

79

00:03:47,690 --> 00:03:45,000

history of skepticism now here's some

80

00:03:49,670 --> 00:03:47,700

special news for people in Sydney and

81

00:03:52,610 --> 00:03:49,680

surrounding areas on the 24th of

82

00:03:55,130 --> 00:03:52,620

November coming up not so many weeks

83

00:03:55,970 --> 00:03:55,140

away Skeptics in the pub is back in

84

00:03:58,250 --> 00:03:55,980

person

85

00:03:59,990 --> 00:03:58,260

at a slightly different location just

86

00:04:01,729 --> 00:04:00,000

around the corner from the normal

87

00:04:04,670 --> 00:04:01,739

Skeptics in the pub but that's not as

88

00:04:08,630 --> 00:04:04,680

important as the guests we have lined up

89

00:04:11,630 --> 00:04:08,640

none other than Dr Cole cruzonesky Plus

90

00:04:14,750 --> 00:04:11,640

all the members of the ESP podcast the

91

00:04:17,569 --> 00:04:14,760

European Skeptics podcast plus Claire

92

00:04:19,969 --> 00:04:17,579

klingsberg all these people will be at

93

00:04:23,330 --> 00:04:19,979

Skeptics in the pub on Thursday the 24th

94

00:04:26,510 --> 00:04:23,340

of November here in Sydney and if you

95

00:04:29,930 --> 00:04:26,520

want to come along you need to register

96

00:04:33,110 --> 00:04:29,940

your place head to meet up

97

00:04:34,969 --> 00:04:33,120

and look for Oster Skeptics I'll put a

98

00:04:38,689 --> 00:04:34,979

link in this week's show notes and

99

00:04:40,610 --> 00:04:38,699

please register because uh spaces are

100

00:04:43,370 --> 00:04:40,620

strictly limited you can imagine we

101
00:04:45,950 --> 00:04:43,380
expect a big turnout for a stellar

102
00:04:47,930 --> 00:04:45,960
lineup of skeptical guests but now it's

103
00:04:51,290 --> 00:04:47,940
time for me to run downstairs and read

104
00:04:52,909 --> 00:04:51,300
the Lolly cabinet or the candy cabinet

105
00:04:54,650 --> 00:04:52,919
or the sweetie cabinet depending on

106
00:04:58,070 --> 00:04:54,660
where you are in the world

107
00:04:59,990 --> 00:04:58,080
because I discovered a giant uh what

108
00:05:02,870 --> 00:05:00,000
they call a giant Lolly store here in

109
00:05:05,530 --> 00:05:02,880
Sydney it's not close I have to travel a

110
00:05:07,909 --> 00:05:05,540
bit but my goodness Me It's A

111
00:05:10,249 --> 00:05:07,919
wall-to-wall Sweeties my goodness me

112
00:05:11,090 --> 00:05:10,259
what what did I buy too many things to

113
00:05:14,930 --> 00:05:11,100

mention

114

00:05:17,810 --> 00:05:14,940

oh my goodness me and plus my favorite

115

00:05:20,210 --> 00:05:17,820

uh American drink root beer so while I

116

00:05:21,610 --> 00:05:20,220

run downstairs and have some Bazooka

117

00:05:34,770 --> 00:05:21,620

Bubble Gum

118

00:05:46,610 --> 00:05:42,850

[Music]

119

00:05:48,230 --> 00:05:46,620

I found another speaker who I actually

120

00:05:50,029 --> 00:05:48,240

saw the talk it was fantastic please

121

00:05:51,830 --> 00:05:50,039

introduce yourself and let us know what

122

00:05:54,950 --> 00:05:51,840

your talk is about hello my name is

123

00:05:57,469 --> 00:05:54,960

David Robert Grimes I am a Scientist and

124

00:05:58,909 --> 00:05:57,479

author and my talk was about critical

125

00:06:00,830 --> 00:05:58,919

thinking and why it's really important

126

00:06:02,930 --> 00:06:00,840

and how we get it horribly horrifically

127

00:06:04,850 --> 00:06:02,940

wrong so often and is this your first

128

00:06:06,350 --> 00:06:04,860

time at second this is my first time at

129

00:06:08,330 --> 00:06:06,360

silicon yeah yeah I mean it's it's

130

00:06:10,610 --> 00:06:08,340

fascinating setup it's brilliant but

131

00:06:12,050 --> 00:06:10,620

it's it's really nice to be here so I'm

132

00:06:14,390 --> 00:06:12,060

detecting an accent by the way which is

133

00:06:15,710 --> 00:06:14,400

not American and not Australian so what

134

00:06:18,170 --> 00:06:15,720

is it it's lingering somewhere in

135

00:06:19,969 --> 00:06:18,180

between isn't it I'm Irish by by I grew

136

00:06:21,529 --> 00:06:19,979

up in the Middle East I am Irish I lived

137

00:06:23,570 --> 00:06:21,539

in the UK for a long time and I've lived

138

00:06:25,730 --> 00:06:23,580

in the states occasionally so I'm a bit

139

00:06:28,430 --> 00:06:25,740

of a mongrel you know so what other

140

00:06:29,870 --> 00:06:28,440

talks did you attend and what sticks in

141

00:06:31,490 --> 00:06:29,880

your mind is a really great do you know

142

00:06:33,409 --> 00:06:31,500

what I haven't seen any bad talks that's

143

00:06:35,029 --> 00:06:33,419

I I I think that that's how you praise

144

00:06:36,650 --> 00:06:35,039

because often you know most conferences

145

00:06:38,749 --> 00:06:36,660

you go to there's going to be one or two

146

00:06:39,950 --> 00:06:38,759

Duds but everything everything's been

147

00:06:41,270 --> 00:06:39,960

fascinating and people Timothy

148

00:06:44,029 --> 00:06:41,280

caulfield's in particular we just saw

149

00:06:47,090 --> 00:06:44,039

there really enjoyed that one uh there

150

00:06:51,110 --> 00:06:47,100

was excellent talks yesterday as well by

151

00:06:52,790 --> 00:06:51,120

um Lima is a limac excellent talk

152

00:06:54,710 --> 00:06:52,800

um anyway there he is now actually but

153

00:06:55,909 --> 00:06:54,720

it's it's this has been everything's

154

00:06:57,290 --> 00:06:55,919

been really good I really enjoyed

155

00:06:59,090 --> 00:06:57,300

Richard wise since I've seen Richard

156

00:07:02,510 --> 00:06:59,100

before but he's always really good as

157

00:07:04,730 --> 00:07:02,520

well so he is hysterical he's kind of

158

00:07:06,830 --> 00:07:04,740

diametrically opposite in personality of

159

00:07:09,950 --> 00:07:06,840

the other uh person from the UK here I

160

00:07:11,510 --> 00:07:09,960

have to say I'm trying oh yes yeah I

161

00:07:14,510 --> 00:07:11,520

think who else from the UK Richard of

162

00:07:16,150 --> 00:07:14,520

course he is yeah yeah but but it's a

163

00:07:18,529 --> 00:07:16,160

nice they complement each other yeah

164

00:07:21,110 --> 00:07:18,539

you're going to steal Oriental culture

165

00:07:22,490 --> 00:07:21,120

for things one of the other conferences

166

00:07:24,890 --> 00:07:22,500

I came to here and I don't remember now

167

00:07:26,749 --> 00:07:24,900

was 28 to 19 but the thing was a

168

00:07:29,930 --> 00:07:26,759

conversation between those two parts and

169

00:07:32,210 --> 00:07:29,940

it was amazing I mean it was funny yeah

170

00:07:34,430 --> 00:07:32,220

the one we saw yesterday was Dawkins

171

00:07:35,990 --> 00:07:34,440

interviewing Tyson but I think uh

172

00:07:37,089 --> 00:07:36,000

Wiseman interviewing Dawkins was even

173

00:07:39,710 --> 00:07:37,099

better

174

00:07:41,150 --> 00:07:39,720

I did I actually I arranged the um the

175

00:07:43,249 --> 00:07:41,160

Dawkins award last year and that was

176
00:07:44,870 --> 00:07:43,259
when Tim Minchin got it and that was a

177
00:07:46,070 --> 00:07:44,880
conversation between uh Tim Minchin and

178
00:07:47,450 --> 00:07:46,080
Richard Dawkins so that was that was

179
00:07:49,070 --> 00:07:47,460
entertaining as well it's always always

180
00:07:50,210 --> 00:07:49,080
good talk so I'm that of course we

181
00:07:51,650 --> 00:07:50,220
didn't have Stockholm last year so where

182
00:07:53,629 --> 00:07:51,660
was that awarded where that was in

183
00:07:55,550 --> 00:07:53,639
Oxford and in the sheldonian and how I

184
00:07:58,010 --> 00:07:55,560
got roped into it is a long um arduous

185
00:07:59,930 --> 00:07:58,020
story but uh but that was in the

186
00:08:02,150 --> 00:07:59,940
sheldonian theater in Oxford last year

187
00:08:04,790 --> 00:08:02,160
um and obviously it it was just straight

188
00:08:06,469 --> 00:08:04,800

the first time after a pandemic so um I

189

00:08:08,270 --> 00:08:06,479

somehow got roped into arranging that

190

00:08:09,730 --> 00:08:08,280

but it happened and no one died as far

191

00:08:12,950 --> 00:08:09,740

as I'm concerned

192

00:08:14,629 --> 00:08:12,960

success yeah it's day and age well very

193

00:08:16,430 --> 00:08:14,639

nice running into you and thank you for

194

00:08:18,050 --> 00:08:16,440

giving us a few words well absolutely

195

00:08:20,270 --> 00:08:18,060

pleasure and I hope you enjoyed the rest

196

00:08:21,309 --> 00:08:20,280

of the uh these sessions you as well

197

00:08:24,950 --> 00:08:21,319

thank you

198

00:08:26,809 --> 00:08:24,960

I found another conference attendee to

199

00:08:29,089 --> 00:08:26,819

introduce to the skeptic Zone listeners

200

00:08:31,550 --> 00:08:29,099

introduce yourself hello everyone I'm

201
00:08:35,029 --> 00:08:31,560
Ramiro Rodriguez from Raleigh North

202
00:08:37,550 --> 00:08:35,039
Carolina in Triangle Skeptics and this

203
00:08:39,050 --> 00:08:37,560
is my first time at the conference so

204
00:08:42,050 --> 00:08:39,060
what made you decide to come this time

205
00:08:43,850 --> 00:08:42,060
well I've always wanted to come to one

206
00:08:45,829 --> 00:08:43,860
of these skeptical conferences I've been

207
00:08:49,430 --> 00:08:45,839
to Nexus but I've never been to uh

208
00:08:52,490 --> 00:08:49,440
scicon and uh since I've been hanging

209
00:08:55,190 --> 00:08:52,500
out with Susan she convinced me to take

210
00:08:56,630 --> 00:08:55,200
the plunge and come so hanging out how

211
00:08:58,310 --> 00:08:56,640
hanging out if she lives on the west

212
00:09:01,430 --> 00:08:58,320
coast and you're on the East Coast

213
00:09:03,829 --> 00:09:01,440

so the the method that we use is the the

214

00:09:06,650 --> 00:09:03,839

weekly tribune which is on Thursdays

215

00:09:08,990 --> 00:09:06,660

not in the U.S right so in the U.S

216

00:09:11,630 --> 00:09:09,000

Australia says Friday daytime exactly

217

00:09:13,430 --> 00:09:11,640

yeah exactly and we have Richard join us

218

00:09:15,230 --> 00:09:13,440

sometimes yeah hey we haven't seen him

219

00:09:18,110 --> 00:09:15,240

in a while though so uh I don't know

220

00:09:20,810 --> 00:09:18,120

where where he's been up to so uh which

221

00:09:23,509 --> 00:09:20,820

well what talks did you like so far so

222

00:09:25,009 --> 00:09:23,519

it's been uh Thursday was just the start

223

00:09:27,290 --> 00:09:25,019

of it and today we've had our first full

224

00:09:29,090 --> 00:09:27,300

day I mean uh Neil stuck was uh

225

00:09:31,970 --> 00:09:29,100

excellent I thought it was uh kind of

226

00:09:33,829 --> 00:09:31,980

like a review of his book and uh it's

227

00:09:36,530 --> 00:09:33,839

also been like a lot of topics that I've

228

00:09:37,970 --> 00:09:36,540

been thinking about so I really enjoyed

229

00:09:41,930 --> 00:09:37,980

that one because

230

00:09:44,810 --> 00:09:41,940

um yeah it was just very interesting but

231

00:09:47,210 --> 00:09:44,820

uh I've also enjoyed like talks today I

232

00:09:49,610 --> 00:09:47,220

enjoy Susan's talk I enjoyed uh Susan

233

00:09:52,910 --> 00:09:49,620

garbage yeah Susan gerbeck's talk let's

234

00:09:54,590 --> 00:09:52,920

see oh I enjoy a talk about uh

235

00:09:55,610 --> 00:09:54,600

sports medicine that was very

236

00:09:56,750 --> 00:09:55,620

interesting I missed that one

237

00:09:58,670 --> 00:09:56,760

unfortunately

238

00:10:00,110 --> 00:09:58,680

and uh what are you looking forward to

239

00:10:01,550 --> 00:10:00,120

for the rest of the conference do you

240

00:10:03,470 --> 00:10:01,560

remember who's on the schedule which

241

00:10:05,630 --> 00:10:03,480

ones you're looking forward to seeing

242

00:10:07,550 --> 00:10:05,640

I haven't looked at the schedule but I'm

243

00:10:09,530 --> 00:10:07,560

I'm sure I mean it's going to be fine I

244

00:10:11,389 --> 00:10:09,540

think I've been joined

245

00:10:13,670 --> 00:10:11,399

just talking to people and getting to

246

00:10:15,949 --> 00:10:13,680

getting to know people and hanging out

247

00:10:18,590 --> 00:10:15,959

actually I've talked to a lot of people

248

00:10:20,150 --> 00:10:18,600

that I asked what draws you to the

249

00:10:21,829 --> 00:10:20,160

conferences and you'd be surprised at

250

00:10:23,329 --> 00:10:21,839

how many people say they like the

251

00:10:24,889 --> 00:10:23,339

speakers and the talks but they really

252

00:10:26,389 --> 00:10:24,899

come for the friendships that they make

253

00:10:28,430 --> 00:10:26,399

over the years and meeting other

254

00:10:31,810 --> 00:10:28,440

Skeptics people like who are a similar

255

00:10:34,730 --> 00:10:31,820

mind yeah yeah I mean uh today I made a

256

00:10:37,730 --> 00:10:34,740

John guy who has written a book on

257

00:10:39,350 --> 00:10:37,740

skepticism and uh he's just uh it's like

258

00:10:41,570 --> 00:10:39,360

a really awesome guy

259

00:10:43,790 --> 00:10:41,580

and I you know just started browsing his

260

00:10:45,829 --> 00:10:43,800

book and so I decided to buy it and I

261

00:10:47,630 --> 00:10:45,839

look forward to reading it okay so thank

262

00:10:50,750 --> 00:10:47,640

you very much and enjoy the rest of the

263

00:10:52,850 --> 00:10:50,760

conference thank you thank you

264

00:10:54,470 --> 00:10:52,860

so we're here at the end practically of

265

00:10:56,389 --> 00:10:54,480

scicon there's only a few things left

266

00:10:58,910 --> 00:10:56,399

today on Saturday and then the Sunday

267

00:11:01,610 --> 00:10:58,920

papers and I have run into a very

268

00:11:04,490 --> 00:11:01,620

special guest of scicon please introduce

269

00:11:07,970 --> 00:11:04,500

yourself I'm Richard Dawkins from Oxford

270

00:11:09,829 --> 00:11:07,980

and I just recently saw you present an

271

00:11:12,410 --> 00:11:09,839

award to Neil deGrasse Tyson what was

272

00:11:14,690 --> 00:11:12,420

that all about well every year the CFI

273

00:11:17,810 --> 00:11:14,700

the center for inquiry presents the

274

00:11:20,630 --> 00:11:17,820

so-called Richard Dawkins award for a

275

00:11:22,810 --> 00:11:20,640

hero of rationalism and this is the 20th

276

00:11:26,530 --> 00:11:22,820

time this has happened and the 20th

277

00:11:29,509 --> 00:11:26,540

awardee is Neil deGrasse Tyson the great

278

00:11:31,370 --> 00:11:29,519

astrophysicist and science popularizer

279

00:11:33,590 --> 00:11:31,380

he seemed to be particularly moved by

280

00:11:35,329 --> 00:11:33,600

this I actually interviewed him as a

281

00:11:36,769 --> 00:11:35,339

skeptical Inquirer readers will know in

282

00:11:38,810 --> 00:11:36,779

a video interview two months ago in

283

00:11:40,790 --> 00:11:38,820

preparation for scicon and he talked

284

00:11:42,530 --> 00:11:40,800

about why he doesn't generally attend

285

00:11:44,150 --> 00:11:42,540

skeptical conferences but he came to

286

00:11:45,710 --> 00:11:44,160

this one just because you were going to

287

00:11:47,449 --> 00:11:45,720

award him with this prize that's very

288

00:11:49,490 --> 00:11:47,459

nice to hear I I didn't know that but

289

00:11:51,829 --> 00:11:49,500

anyway he's great fun and the award

290

00:11:53,870 --> 00:11:51,839

ceremony was great after the after my

291

00:11:55,970 --> 00:11:53,880

speech and prevented presenting him with

292

00:11:58,130 --> 00:11:55,980

the award we had an hour-long

293

00:11:59,930 --> 00:11:58,140

conversation on stage which was a lot of

294

00:12:01,670 --> 00:11:59,940

fun I must say a very unique thing to

295

00:12:03,710 --> 00:12:01,680

see so I was at a previous conference

296

00:12:05,389 --> 00:12:03,720

and I believe it was you and Richard

297

00:12:08,210 --> 00:12:05,399

Wiseman in conversation that was

298

00:12:11,269 --> 00:12:08,220

fascinating yes too yes yeah so this was

299

00:12:13,550 --> 00:12:11,279

really great so Neil gave a talk of his

300

00:12:15,110 --> 00:12:13,560

own and that was a highlight and then

301
00:12:16,670 --> 00:12:15,120
this was another highlight so have you

302
00:12:18,710 --> 00:12:16,680
gotten to see any of the other talks Oh

303
00:12:20,569 --> 00:12:18,720
yes any of them stand out to them

304
00:12:22,750 --> 00:12:20,579
memorable oh they've all been good I I

305
00:12:26,150 --> 00:12:22,760
must say they've just been listening to

306
00:12:28,490 --> 00:12:26,160
Nicholas little the the lawyer for CFI

307
00:12:30,829 --> 00:12:28,500
who's conducting a lawsuit against um

308
00:12:33,350 --> 00:12:30,839
shops that sell sell homeopathic

309
00:12:35,449 --> 00:12:33,360
remedies these charlatan so-called

310
00:12:37,310 --> 00:12:35,459
medical remedies and that seem to be

311
00:12:39,170 --> 00:12:37,320
doing very well and and Nick is working

312
00:12:41,030 --> 00:12:39,180
extremely hard he's a very good lawyer

313
00:12:42,710 --> 00:12:41,040

and it's going very well and it's also

314

00:12:44,750 --> 00:12:42,720

when you hear him talk you know he's

315

00:12:46,610 --> 00:12:44,760

taking this seriously and personally

316

00:12:48,829 --> 00:12:46,620

which is interesting to hear from a

317

00:12:51,410 --> 00:12:48,839

lawyer I think yes most people think

318

00:12:53,569 --> 00:12:51,420

lawyers are just yeah just doing job but

319

00:12:56,269 --> 00:12:53,579

he seems to be really concerned yes and

320

00:12:59,269 --> 00:12:56,279

that this is an injustice being done to

321

00:13:00,710 --> 00:12:59,279

the population and it's a CFI csi's

322

00:13:02,990 --> 00:13:00,720

responsibility to try to remedy this

323

00:13:04,670 --> 00:13:03,000

situation it's not just an injustice to

324

00:13:06,769 --> 00:13:04,680

the population it's just lies and

325

00:13:08,750 --> 00:13:06,779

absolutely as a scientist I don't

326

00:13:10,850 --> 00:13:08,760

disapprove of it so I've interviewed

327

00:13:13,790 --> 00:13:10,860

Michael Marshall and he's done a great

328

00:13:15,769 --> 00:13:13,800

deal to try to push back on Homeopathy

329

00:13:18,530 --> 00:13:15,779

in the UK so what's the current status

330

00:13:20,990 --> 00:13:18,540

of that in your country I'm afraid I

331

00:13:22,370 --> 00:13:21,000

don't know I am aware that King Charles

332

00:13:24,410 --> 00:13:22,380

III

333

00:13:26,509 --> 00:13:24,420

has a great soft spot for Homeopathy

334

00:13:28,009 --> 00:13:26,519

he's the head of some homeopathic

335

00:13:30,110 --> 00:13:28,019

organization which Michael Marshall told

336

00:13:31,550 --> 00:13:30,120

me he might know me yes and now maybe he

337

00:13:34,129 --> 00:13:31,560

has to give that up now that he's the

338

00:13:36,230 --> 00:13:34,139

reigning yeah second thing yes so I hear

339

00:13:37,790 --> 00:13:36,240

that you're going to go to Australia on

340

00:13:39,350 --> 00:13:37,800

a trip and the skeptic Zone listeners

341

00:13:41,690 --> 00:13:39,360

might be particularly interested in that

342

00:13:43,190 --> 00:13:41,700

because this podcast is listened to

343

00:13:47,030 --> 00:13:43,200

worldwide but it is centered in

344

00:13:49,670 --> 00:13:47,040

Australia we're going next February on a

345

00:13:51,889 --> 00:13:49,680

tour of the major centers and the major

346

00:13:54,050 --> 00:13:51,899

cities in Australia and then Auckland in

347

00:13:56,269 --> 00:13:54,060

New Zealand as well oh okay and what's

348

00:13:58,790 --> 00:13:56,279

the subject of that I think it's just I

349

00:14:00,170 --> 00:13:58,800

should be interviewed on stage and I I

350

00:14:01,670 --> 00:14:00,180

don't know what the subject will be but

351

00:14:03,530 --> 00:14:01,680

it'll be no doubt the kind of thing I

352

00:14:04,970 --> 00:14:03,540

usually talk about I hope that goes well

353

00:14:05,880 --> 00:14:04,980

thank you very much thank you for your

354

00:14:12,230 --> 00:14:05,890

time thank you

355

00:14:22,210 --> 00:14:12,240

[Music]

356

00:14:26,449 --> 00:14:25,190

I'm Mick West in my podcast Tales From

357

00:14:27,769 --> 00:14:26,459

The Rabbit Hole I've extended

358

00:14:30,230 --> 00:14:27,779

conversations with people who've been

359

00:14:31,790 --> 00:14:30,240

involved in conspiracy culture I do this

360

00:14:33,050 --> 00:14:31,800

for a couple of reasons firstly because

361

00:14:34,730 --> 00:14:33,060

it's really interesting these people

362

00:14:36,530 --> 00:14:34,740

have great stories about how they fell

363

00:14:38,269 --> 00:14:36,540

down the conspiracy theory Rabbit Hole

364

00:14:40,129 --> 00:14:38,279

what they did down there and what it was

365

00:14:41,210 --> 00:14:40,139

that helped them out sometimes I also

366

00:14:42,590 --> 00:14:41,220

talk to people who investigate

367

00:14:44,150 --> 00:14:42,600

conspiracy theories and they have

368

00:14:46,129 --> 00:14:44,160

equally fascinating stories from the

369

00:14:47,750 --> 00:14:46,139

other side secondly I want to understand

370

00:14:49,550 --> 00:14:47,760

how best to prevent the spread of

371

00:14:51,350 --> 00:14:49,560

conspiracy theorism misinformation which

372

00:14:53,750 --> 00:14:51,360

is an increasing problem in a time when

373

00:14:55,430 --> 00:14:53,760

alternative media is exploding the best

374

00:14:57,470 --> 00:14:55,440

way to do this is to communicate

375

00:14:59,449 --> 00:14:57,480

effectively with the people involved and

376

00:15:02,509 --> 00:14:59,459

the best way to do that is with a nice

377

00:15:06,829 --> 00:15:02,519

long chat check it out Tales From The

378

00:15:06,839 --> 00:15:11,550

foreign

379

00:15:34,069 --> 00:15:31,430

[Music]

380

00:15:37,069 --> 00:15:34,079

hello everyone this is Adrian Hill from

381

00:15:40,150 --> 00:15:37,079

Canada here again to read the highlights

382

00:15:44,210 --> 00:15:40,160

from the Australian Skeptics newsletter

383

00:15:45,889 --> 00:15:44,220

this is newsletter number 160. you can

384

00:15:47,930 --> 00:15:45,899

subscribe to this newsletter and get it

385

00:15:50,629 --> 00:15:47,940

delivered to your inbox every other week

386

00:15:57,170 --> 00:15:50,639

complete with links to all the stories

387

00:16:02,050 --> 00:15:59,569

but now let's see what Tim Mendham has

388

00:16:05,769 --> 00:16:02,060

for us this week

389

00:16:08,750 --> 00:16:05,779

hi all says Tim happy All Hallows day

390

00:16:10,610 --> 00:16:08,760

last week was Halloween which meant that

391

00:16:13,370 --> 00:16:10,620

we were swamped with stories about ghost

392

00:16:16,970 --> 00:16:13,380

hauntings and ghost huntings 30 in one

393

00:16:19,069 --> 00:16:16,980

day a lot but not unusual even on

394

00:16:20,509 --> 00:16:19,079

non-hallow days

395

00:16:22,009 --> 00:16:20,519

don't normally feature them in this

396

00:16:24,470 --> 00:16:22,019

newsletter because they generally

397

00:16:26,629 --> 00:16:24,480

involve fuzzy photos and indistinct

398

00:16:29,470 --> 00:16:26,639

audio typical of a genre where

399

00:16:32,329 --> 00:16:29,480

enthusiasm substitutes for evidence

400

00:16:34,850 --> 00:16:32,339

we await the actual definitive proof

401
00:16:37,990 --> 00:16:34,860
which despite the headlines on many of

402
00:16:41,749 --> 00:16:38,000
those 30 stories is still to be revealed

403
00:16:44,629 --> 00:16:41,759
meanwhile read on Tim

404
00:16:47,569 --> 00:16:44,639
okay Tim we'll do just that

405
00:16:50,329 --> 00:16:47,579
the 2022 annual Australian Skeptics

406
00:16:52,730 --> 00:16:50,339
National Convention or skepticon for

407
00:16:55,610 --> 00:16:52,740
2022 will be held at the National

408
00:16:58,129 --> 00:16:55,620
Library in Canberra on the weekend of

409
00:17:00,410 --> 00:16:58,139
December 3rd through 4th and for the

410
00:17:02,990 --> 00:17:00,420
first time since 2019 it will be a

411
00:17:05,630 --> 00:17:03,000
face-to-face event assuming the world

412
00:17:10,429 --> 00:17:05,640
doesn't fall back into pandemic mode

413
00:17:12,350 --> 00:17:10,439

or end in a Mayan apocalypse before then

414

00:17:14,390 --> 00:17:12,360

tickets for the convention dinner on

415

00:17:16,669 --> 00:17:14,400

December 3rd have been released a

416

00:17:19,090 --> 00:17:16,679

three-course meal with bar tab and guest

417

00:17:21,650 --> 00:17:19,100

speaker for 85 dollars

418

00:17:23,929 --> 00:17:21,660

the dinner is open to all although

419

00:17:26,329 --> 00:17:23,939

numbers are limited but for an extra

420

00:17:28,669 --> 00:17:26,339

treat why not wrap the convention around

421

00:17:30,530 --> 00:17:28,679

the dinner to see and hear from a bevy

422

00:17:32,110 --> 00:17:30,540

of leading Skeptics and scientific

423

00:17:34,850 --> 00:17:32,120

thinkers

424

00:17:37,010 --> 00:17:34,860

and to keep the fun going there will be

425

00:17:40,190 --> 00:17:37,020

social get-togethers on Friday December

426
00:17:42,529 --> 00:17:40,200
2nd at the Civic Pub in Braden from 6 pm

427
00:17:45,950 --> 00:17:42,539
and post-convention drinks at King

428
00:17:48,470 --> 00:17:45,960
O'Malley's in the city from 5 PM all

429
00:17:50,450 --> 00:17:48,480
welcome no charge but please register

430
00:17:53,930 --> 00:17:50,460
your interest either via cambera

431
00:17:56,450 --> 00:17:53,940
Skeptics or soon at the ticket page so

432
00:17:59,500 --> 00:17:56,460
we can know the expected numbers

433
00:18:01,850 --> 00:17:59,510
we look forward to seeing you there

434
00:18:06,710 --> 00:18:01,860
[Music]

435
00:18:10,970 --> 00:18:08,810
still got time to put in a nomination

436
00:18:13,130 --> 00:18:10,980
for the Australian Skeptics Ben spoon

437
00:18:15,950 --> 00:18:13,140
award one of the least sought after

438
00:18:17,870 --> 00:18:15,960

credits in the skeptical world or any

439

00:18:19,970 --> 00:18:17,880

world for that matter

440

00:18:22,669 --> 00:18:19,980

if you would like to put someone forward

441

00:18:25,190 --> 00:18:22,679

for this non-prestigious award then go

442

00:18:28,070 --> 00:18:25,200

to the bent spoon page for more info on

443

00:18:31,549 --> 00:18:28,080

how to enter details on current nominees

444

00:18:37,850 --> 00:18:31,559

and a list of past winners just visit

445

00:18:44,150 --> 00:18:41,630

when a poll about covid-19 vaccines is

446

00:18:46,610 --> 00:18:44,160

Not What It Seems

447

00:18:48,470 --> 00:18:46,620

this is a fact check piece that outlines

448

00:18:50,870 --> 00:18:48,480

the problems with online surveys

449

00:18:52,669 --> 00:18:50,880

especially one that reveals that half of

450

00:18:56,090 --> 00:18:52,679

all respondents said they regretted

451
00:18:57,830 --> 00:18:56,100
getting vaccinated against covid-19 or

452
00:18:59,529 --> 00:18:57,840
were happy with their decision to remain

453
00:19:03,590 --> 00:18:59,539
unvaccinated

454
00:19:06,409 --> 00:19:03,600
meanwhile quote only 35 percent out of

455
00:19:07,549 --> 00:19:06,419
more than 45 000 people said they were

456
00:19:10,010 --> 00:19:07,559
vaccinated

457
00:19:11,930 --> 00:19:10,020
and would make the same decision again

458
00:19:14,570 --> 00:19:11,940
end quote

459
00:19:16,850 --> 00:19:14,580
the problem is that online polls are

460
00:19:21,070 --> 00:19:16,860
notoriously unreliable as they are open

461
00:19:24,110 --> 00:19:21,080
to stuffing of the virtual Ballot Box

462
00:19:26,470 --> 00:19:24,120
Research into Homeopathy shows quote

463
00:19:29,630 --> 00:19:26,480

numerous breaches of scientific

464

00:19:31,430 --> 00:19:29,640

Integrity end quote well surprise

465

00:19:33,350 --> 00:19:31,440

surprise

466

00:19:35,750 --> 00:19:33,360

the German Homeopathy Information

467

00:19:37,669 --> 00:19:35,760

Network has played a key role in

468

00:19:40,070 --> 00:19:37,679

alerting authorities to some highly

469

00:19:44,029 --> 00:19:40,080

touted but errorful Research into

470

00:19:46,669 --> 00:19:44,039

homeopathic treatment of cancer oh dear

471

00:19:48,710 --> 00:19:46,679

they and the Austrian Initiative for

472

00:19:50,810 --> 00:19:48,720

scientific medicine had informed the

473

00:19:53,390 --> 00:19:50,820

Medical University Vienna about their

474

00:19:56,029 --> 00:19:53,400

findings and the research director then

475

00:19:58,330 --> 00:19:56,039

asked the Austrian Agency for scientific

476
00:20:02,450 --> 00:19:58,340

Integrity or

477
00:20:04,669 --> 00:20:02,460

oeawi to review the paper the analysis

478
00:20:06,909 --> 00:20:04,679

took some time and included not only the

479
00:20:09,830 --> 00:20:06,919

paper and publicly available information

480
00:20:11,770 --> 00:20:09,840

but also the original data

481
00:20:15,730 --> 00:20:11,780

in the end

482
00:20:18,470 --> 00:20:15,740

oeawi corroborated the him's findings

483
00:20:20,930 --> 00:20:18,480

the results are not based on sound

484
00:20:23,750 --> 00:20:20,940

research but on modified or falsified

485
00:20:26,870 --> 00:20:23,760

data the fact that the faulty research

486
00:20:28,850 --> 00:20:26,880

was used as definitive proof of

487
00:20:31,370 --> 00:20:28,860

homeopathy's Effectiveness only

488
00:20:34,370 --> 00:20:31,380

indicates what Shaky Ground that dubious

489

00:20:38,030 --> 00:20:34,380

to put up politely area of medicine

490

00:20:40,130 --> 00:20:38,040

really is edsert Ernst gives the story

491

00:20:42,370 --> 00:20:40,140

[Music]

492

00:20:47,150 --> 00:20:42,380

foreign

493

00:20:52,130 --> 00:20:49,430

one of those theories which show the

494

00:20:54,049 --> 00:20:52,140

reverse of the stated conclusion that

495

00:20:56,990 --> 00:20:54,059

belief in conspiracies generally

496

00:20:59,510 --> 00:20:57,000

encourages covet conspiracy fears

497

00:21:01,970 --> 00:20:59,520

although by doing two surveys months

498

00:21:04,850 --> 00:21:01,980

apart does show some propensity for

499

00:21:07,090 --> 00:21:04,860

conspiracy beliefs to multiply and feed

500

00:21:10,430 --> 00:21:07,100

off each other

501
00:21:13,549 --> 00:21:10,440
67 percent of Americans believe they've

502
00:21:16,250 --> 00:21:13,559
had a paranormal experience

503
00:21:17,930 --> 00:21:16,260
we know that Americans tend to have a

504
00:21:21,169 --> 00:21:17,940
higher religious belief than many other

505
00:21:23,570 --> 00:21:21,179
Western Nations this survey reveals that

506
00:21:25,730 --> 00:21:23,580
67 percent believe they've had some sort

507
00:21:28,909 --> 00:21:25,740
of paranormal experience including

508
00:21:30,250 --> 00:21:28,919
feeling a presence or unknown energy 37

509
00:21:34,130 --> 00:21:30,260
percent

510
00:21:35,149 --> 00:21:34,140
hearing an unexplained sound or music 33

511
00:21:42,649 --> 00:21:35,159
percent

512
00:21:44,930 --> 00:21:42,659
and as an aside I have actually

513
00:21:47,390 --> 00:21:44,940

experienced these Phantom smells as part

514

00:21:49,850 --> 00:21:47,400

of an aura before a migraine I will

515

00:21:52,549 --> 00:21:49,860

smell cigarette smoke or gas and it's

516

00:21:54,710 --> 00:21:52,559

very real but when I call my family no

517

00:21:57,409 --> 00:21:54,720

one else can smell it it can be quite

518

00:22:00,950 --> 00:21:57,419

unnerving and hearing the voice of

519

00:22:03,409 --> 00:22:00,960

someone who wasn't there 29 percent

520

00:22:05,110 --> 00:22:03,419

the interesting thing is that while

521

00:22:08,090 --> 00:22:05,120

having an experience is one thing

522

00:22:10,850 --> 00:22:08,100

explaining it is another

523

00:22:13,510 --> 00:22:10,860

35 percent are likely to say they are

524

00:22:16,130 --> 00:22:13,520

otherworldly or Supernatural

525

00:22:19,070 --> 00:22:16,140

29 think there is a scientific

526
00:22:21,710 --> 00:22:19,080
explanation that they don't know about

527
00:22:23,940 --> 00:22:21,720
and 36 percent aren't sure about the

528
00:22:30,470 --> 00:22:26,210
[Music]

529
00:22:33,289 --> 00:22:30,480
spooky science behind Ouija boards

530
00:22:36,830 --> 00:22:33,299
from ideomotor effect to the need for

531
00:22:39,169 --> 00:22:36,840
quote sense of agency end quote and

532
00:22:40,430 --> 00:22:39,179
emotional contagion what moves the

533
00:22:43,850 --> 00:22:40,440
planchette

534
00:22:46,690 --> 00:22:43,860
probably not ghosts

535
00:22:50,570 --> 00:22:46,700
Charles III's history of promoting

536
00:22:52,669 --> 00:22:50,580
Homeopathy gur

537
00:22:55,730 --> 00:22:52,679
this is a detailed look at some of King

538
00:22:57,890 --> 00:22:55,740

Charles relationship with alt Med this

539

00:23:00,529 --> 00:22:57,900

goes beyond edsert Earth's recent

540

00:23:03,649 --> 00:23:00,539

biography into some very interesting

541

00:23:05,690 --> 00:23:03,659

history including the foundation for

542

00:23:08,350 --> 00:23:05,700

Integrated Health that ended with some

543

00:23:11,630 --> 00:23:08,360

shady goings-on

544

00:23:14,529 --> 00:23:11,640

experts explain fear and fascination

545

00:23:17,210 --> 00:23:14,539

with Supernatural

546

00:23:19,130 --> 00:23:17,220

this is an interesting little article in

547

00:23:21,230 --> 00:23:19,140

which academics from the University of

548

00:23:24,409 --> 00:23:21,240

Arizona say our interest in the

549

00:23:27,649 --> 00:23:24,419

Paranormal is a quote natural human

550

00:23:32,529 --> 00:23:27,659

impulse end quote a search for meaning

551
00:23:36,070 --> 00:23:34,230
items of Interest

552
00:23:39,529 --> 00:23:36,080
[Music]

553
00:23:40,000 --> 00:23:39,539
top 10 most haunted universities in the

554
00:23:41,090 --> 00:23:40,010
UK

555
00:23:43,130 --> 00:23:41,100
[Music]

556
00:23:44,930 --> 00:23:43,140
you would be forgiven for assuming this

557
00:23:46,909 --> 00:23:44,940
list would include some of the older

558
00:23:50,270 --> 00:23:46,919
universities such as Cambridge and

559
00:23:51,830 --> 00:23:50,280
Oxford but you would be mistaken the

560
00:23:54,649 --> 00:23:51,840
list is based on the number of

561
00:23:56,950 --> 00:23:54,659
cemeteries gravestones listed buildings

562
00:24:00,049 --> 00:23:56,960
along with how long they've been listed

563
00:24:03,110 --> 00:24:00,059

and alleged paranormal reports within

564

00:24:05,690 --> 00:24:03,120

two miles of each University campus

565

00:24:09,289 --> 00:24:05,700

the University of Liverpool tops the

566

00:24:11,510 --> 00:24:09,299

list Oxbridge which is a portmanteau of

567

00:24:14,330 --> 00:24:11,520

Oxford and Cambridge I didn't know that

568

00:24:17,149 --> 00:24:14,340

doesn't even rate a mention although

569

00:24:19,490 --> 00:24:17,159

Oxford Brooks University quote the less

570

00:24:23,450 --> 00:24:19,500

famous of Oxford's two universities end

571

00:24:30,710 --> 00:24:27,770

brunch with the dead that sounds fun

572

00:24:33,710 --> 00:24:30,720

probably one of the more surreal and

573

00:24:38,570 --> 00:24:33,720

vulgar events we've heard of where quote

574

00:24:41,270 --> 00:24:38,580

VIPs dine with rips end quote and this

575

00:24:45,169 --> 00:24:41,280

is in Las Vegas of course

576

00:24:47,149 --> 00:24:45,179

this is an event where 272 guests will

577

00:24:49,730 --> 00:24:47,159

be greeted with a musical set and some

578

00:24:52,490 --> 00:24:49,740

brunch and our promised quote the best

579

00:24:54,409 --> 00:24:52,500

odds for anyone that has ever hoped to

580

00:24:56,770 --> 00:24:54,419

get a reading from a celebrity medium

581

00:25:00,950 --> 00:24:56,780

end quote

582

00:25:04,310 --> 00:25:00,960

weird story of the week

583

00:25:07,490 --> 00:25:04,320

a drunk driver blames paranormal

584

00:25:10,549 --> 00:25:07,500

activity for damaged car

585

00:25:12,710 --> 00:25:10,559

a U.S County Sheriff's Office released a

586

00:25:16,010 --> 00:25:12,720

body camera video of a traffic stop

587

00:25:19,630 --> 00:25:16,020

where a heavily DUI suspect threatened

588

00:25:23,870 --> 00:25:19,640

deputies and blamed his impairment on

589

00:25:27,590 --> 00:25:23,880

Paranormal Activity and a curse on his

590

00:25:29,870 --> 00:25:27,600

car that had two very flat tires the

591

00:25:31,669 --> 00:25:29,880

silliness evolved into serious threats

592

00:25:34,430 --> 00:25:31,679

when the driver told a deputy he was

593

00:25:37,730 --> 00:25:34,440

going to quote break your head with a

594

00:25:39,830 --> 00:25:37,740

baseball bat end quote and quote skin

595

00:25:41,990 --> 00:25:39,840

you alive end quote

596

00:25:44,810 --> 00:25:42,000

we won't say all believers in the

597

00:25:47,090 --> 00:25:44,820

Paranormal would do this far from it but

598

00:25:49,610 --> 00:25:47,100

it is an edifying example of a

599

00:25:53,090 --> 00:25:49,620

combination of the lack of evidence and

600

00:25:58,130 --> 00:25:55,310

special events for Sydney Skeptics in

601
00:26:01,430 --> 00:25:58,140
the pub on the 24th of November our

602
00:26:04,310 --> 00:26:01,440
guests will be the ESP podcast Claire

603
00:26:07,130 --> 00:26:04,320
klingsberg and Dr Carl

604
00:26:08,990 --> 00:26:07,140
this event will not be streamed so be

605
00:26:13,149 --> 00:26:09,000
there for the fun for the information

606
00:26:16,690 --> 00:26:13,159
and to book your place visit

607
00:26:20,930 --> 00:26:16,700
www.meetup.com forward slash

608
00:26:22,909 --> 00:26:20,940
en-a-u forward slash a u s t Skeptics

609
00:26:25,970 --> 00:26:22,919
forward slash

610
00:26:28,610 --> 00:26:25,980
that's all for now this is Adrian Hill

611
00:26:35,440 --> 00:26:28,620
signing off from the land of snowstorms

612
00:26:35,450 --> 00:26:48,190
[Music]

613
00:27:04,909 --> 00:27:00,730

is

614

00:27:06,590 --> 00:27:04,919

want to teach you about all kinds of

615

00:27:08,510 --> 00:27:06,600

things regarding science I want to tell

616

00:27:12,049 --> 00:27:08,520

you about physics I want to tell you

617

00:27:14,690 --> 00:27:12,059

about chemistry biology astronomy math

618

00:27:16,490 --> 00:27:14,700

and many many more things come check me

619

00:27:23,350 --> 00:27:16,500

out on YouTube the channel is called

620

00:27:23,360 --> 00:27:30,430

[Music]

621

00:27:34,810 --> 00:27:33,289

what we want is some more evidence

622

00:27:36,620 --> 00:27:34,820

please

623

00:27:39,850 --> 00:27:36,630

here's Joe Alabaster

624

00:27:39,860 --> 00:27:44,510

hello this is Joe Alabaster

625

00:27:50,630 --> 00:27:47,269

[Music]

626

00:27:52,850 --> 00:27:50,640

in the early 1920s farmers in Germany

627

00:27:55,010 --> 00:27:52,860

were noticing degraded soil conditions

628

00:27:57,230 --> 00:27:55,020

and a deterioration in the health and

629

00:27:59,330 --> 00:27:57,240

quality of their crops livestock and

630

00:28:02,090 --> 00:27:59,340

this came to the attention of Rudolf

631

00:28:04,490 --> 00:28:02,100

Steiner an Austrian philosopher and

632

00:28:07,029 --> 00:28:04,500

esotericist Rudolph Steiner was the

633

00:28:10,190 --> 00:28:07,039

pioneer of Waldorf Steiner education

634

00:28:12,409 --> 00:28:10,200

anthroposophical medicine and biodynamic

635

00:28:14,090 --> 00:28:12,419

agriculture all of which are still

636

00:28:17,269 --> 00:28:14,100

practiced today

637

00:28:20,930 --> 00:28:17,279

biodynamic wines yogurts superfoods and

638

00:28:23,750 --> 00:28:20,940

cosmetics assaulted a premium price why

639

00:28:26,450 --> 00:28:23,760

what is it that biodynamic certification

640

00:28:29,570 --> 00:28:26,460

assures us of that isn't a part of

641

00:28:32,870 --> 00:28:29,580

regular organic agricultural practice

642

00:28:35,149 --> 00:28:32,880

well biodynamic farming methods are

643

00:28:37,269 --> 00:28:35,159

similar to organic farming methods in

644

00:28:40,250 --> 00:28:37,279

that they prohibit the use of GMOs

645

00:28:42,890 --> 00:28:40,260

synthetic chemicals fertilizers or

646

00:28:44,750 --> 00:28:42,900

pesticides but there's an added layer of

647

00:28:46,789 --> 00:28:44,760

philosophy and Steiner prescribed

648

00:28:49,549 --> 00:28:46,799

methods and practices on top of the

649

00:28:51,470 --> 00:28:49,559

standard no chemicals Rule and I know

650

00:28:53,210 --> 00:28:51,480

all matter is composed to chemicals and

651
00:28:56,090 --> 00:28:53,220
raspberry too

652
00:28:57,730 --> 00:28:56,100
from biodynamics.com

653
00:29:00,649 --> 00:28:57,740
quote

654
00:29:03,049 --> 00:29:00,659
biodynamics is ultimately not just a set

655
00:29:05,149 --> 00:29:03,059
of alternative agricultural methods but

656
00:29:06,890 --> 00:29:05,159
a way of seeing and understanding the

657
00:29:09,529 --> 00:29:06,900
natural world

658
00:29:11,810 --> 00:29:09,539
Steiner called for and pioneered a new

659
00:29:14,450 --> 00:29:11,820
form of science which he called

660
00:29:17,269 --> 00:29:14,460
spiritual science that could grapple

661
00:29:20,649 --> 00:29:17,279
with both the material and non-material

662
00:29:23,510 --> 00:29:20,659
or spiritual aspects of reality

663
00:29:25,850 --> 00:29:23,520

biodynamic Farmers work to develop their

664

00:29:28,610 --> 00:29:25,860

capacity to sense and observe the more

665

00:29:31,010 --> 00:29:28,620

subtle forces at work in nature and to

666

00:29:34,010 --> 00:29:31,020

use their own insights to further

667

00:29:36,110 --> 00:29:34,020

enhance the Vitality of their Farms the

668

00:29:38,210 --> 00:29:36,120

biodynamic methods are thus in a

669

00:29:40,549 --> 00:29:38,220

continuous state of evolution and

670

00:29:43,010 --> 00:29:40,559

individualization

671

00:29:45,830 --> 00:29:43,020

as part of his work on a new approach to

672

00:29:48,169 --> 00:29:45,840

science Steiner also developed together

673

00:29:50,090 --> 00:29:48,179

with a number of colleagues a set of

674

00:29:52,010 --> 00:29:50,100

unique scientific methods for

675

00:29:54,889 --> 00:29:52,020

demonstrating the presence of Life

676
00:29:58,070 --> 00:29:54,899
forces in nature and for evaluating the

677
00:30:00,110 --> 00:29:58,080
quality and vitality of food and soil

678
00:30:02,389 --> 00:30:00,120
these methods sometimes called the

679
00:30:04,730 --> 00:30:02,399
picture forming methods are finding

680
00:30:07,370 --> 00:30:04,740
growing Acceptance in scientific circles

681
00:30:09,529 --> 00:30:07,380
in Europe these and other traditional

682
00:30:11,630 --> 00:30:09,539
forms of scientific research have

683
00:30:16,070 --> 00:30:11,640
consistently demonstrated the benefits

684
00:30:19,130 --> 00:30:16,080
of biodynamic methods and quote

685
00:30:21,649 --> 00:30:19,140
well spiritual science

686
00:30:24,710 --> 00:30:21,659
spiritual science looks into that which

687
00:30:26,510 --> 00:30:24,720
is beyond science as we Define it it

688
00:30:29,450 --> 00:30:26,520

deals with the supernatural Concepts

689

00:30:31,870 --> 00:30:29,460

which are not empirically derived and

690

00:30:34,669 --> 00:30:31,880

are neither reproducible nor testable

691

00:30:37,070 --> 00:30:34,679

yet Steiner declared it to be scientific

692

00:30:38,810 --> 00:30:37,080

regardless and this mode of thinking is

693

00:30:40,610 --> 00:30:38,820

seen throughout all of the Endeavors he

694

00:30:42,409 --> 00:30:40,620

established

695

00:30:44,930 --> 00:30:42,419

what are the scientifically proven

696

00:30:47,149 --> 00:30:44,940

benefits of biodynamic agriculture

697

00:30:49,909 --> 00:30:47,159

well they're indistinguishable from

698

00:30:51,789 --> 00:30:49,919

regular organic farming methods compared

699

00:30:55,190 --> 00:30:51,799

to Conventional agricultural methods

700

00:30:57,350 --> 00:30:55,200

organic and biodynamic Farms tend to

701
00:30:59,930 --> 00:30:57,360
have higher earthworm populations and

702
00:31:01,370 --> 00:30:59,940
increased biomass but lower yields of

703
00:31:04,130 --> 00:31:01,380
produce

704
00:31:06,470 --> 00:31:04,140
the extra work that biodynamic farmers

705
00:31:08,389 --> 00:31:06,480
put in to meet with Steiner's methods is

706
00:31:10,850 --> 00:31:08,399
quite astounding though

707
00:31:13,190 --> 00:31:10,860
an example of the sort of practices that

708
00:31:17,090 --> 00:31:13,200
Stoner prescribed for biodynamic Farmers

709
00:31:21,889 --> 00:31:17,100
is the preparation and use of biodynamic

710
00:31:24,909 --> 00:31:21,899
preparation 500 bd500 a crop spray used

711
00:31:27,649 --> 00:31:24,919
to inoculate soil

712
00:31:29,330 --> 00:31:27,659
bd500 must be prepared in various

713
00:31:32,269 --> 00:31:29,340

specific ways

714

00:31:34,430 --> 00:31:32,279

in Early Autumn a farmer is to take an

715

00:31:36,830 --> 00:31:34,440

empty horn from a cow which has had a

716

00:31:38,510 --> 00:31:36,840

calf and fill it with the fresh manure

717

00:31:41,389 --> 00:31:38,520

of a cow which has grazed on

718

00:31:43,130 --> 00:31:41,399

biodynamically worked pasture

719

00:31:45,950 --> 00:31:43,140

the horn is then to be buried

720

00:31:49,130 --> 00:31:45,960

underground in a fertile area of a field

721

00:31:51,169 --> 00:31:49,140

or garden until spring when it's dug up

722

00:31:53,510 --> 00:31:51,179

and the contents of the horn are removed

723

00:31:56,450 --> 00:31:53,520

and stored in a loose lidded glass or

724

00:31:59,590 --> 00:31:56,460

earthenware jar in peat or soil away

725

00:32:03,169 --> 00:31:59,600

from any chemicals

726

00:32:06,230 --> 00:32:03,179

bd500 is applied at a rate of 35 grams

727

00:32:07,370 --> 00:32:06,240

of preparation in 13 liters of water per

728

00:32:09,769 --> 00:32:07,380

acre

729

00:32:12,350 --> 00:32:09,779

it is to be mixed in a vessel made of

730

00:32:15,049 --> 00:32:12,360

water clay copper or stainless steel and

731

00:32:18,049 --> 00:32:15,059

the vessel must not be overfilled water

732

00:32:20,570 --> 00:32:18,059

must be clean from a dam or tank if

733

00:32:22,250 --> 00:32:20,580

using City Water leave overnight to

734

00:32:23,630 --> 00:32:22,260

allow chemicals in the water to

735

00:32:26,690 --> 00:32:23,640

evaporate

736

00:32:29,269 --> 00:32:26,700

proper stirring technique is important

737

00:32:31,730 --> 00:32:29,279

Begin by stirring in One Direction until

738

00:32:33,529 --> 00:32:31,740

a Vortex appears then reverse the

739

00:32:35,990 --> 00:32:33,539

direction until you create another one

740

00:32:38,510 --> 00:32:36,000

continue stirring and changing direction

741

00:32:41,149 --> 00:32:38,520

for one hour

742

00:32:43,850 --> 00:32:41,159

stirring small amounts of preparation in

743

00:32:46,549 --> 00:32:43,860

large amounts of water is referred to as

744

00:32:49,190 --> 00:32:46,559

dynamizing and is said to transfer

745

00:32:52,549 --> 00:32:49,200

forces and energy from the preparation

746

00:32:58,130 --> 00:32:55,430

payday 500 needs to reach the ground in

747

00:33:00,289 --> 00:32:58,140

the form of droplets to apply to large

748

00:33:02,870 --> 00:33:00,299

areas of land use a backpack sprayer

749

00:33:04,850 --> 00:33:02,880

smaller areas can be treated by dipping

750

00:33:07,130 --> 00:33:04,860

a handbrush made of horse hair or

751
00:33:09,830 --> 00:33:07,140
another natural material into a bucket

752
00:33:10,909 --> 00:33:09,840
of preparation and flicking it over the

753
00:33:13,310 --> 00:33:10,919
soil

754
00:33:15,649 --> 00:33:13,320
what's the point of it all

755
00:33:18,289 --> 00:33:15,659
it's said that the sphere of activity of

756
00:33:20,810 --> 00:33:18,299
the horn manure preparation is the soil

757
00:33:23,149 --> 00:33:20,820
life and root zone of the plant that it

758
00:33:24,769 --> 00:33:23,159
improves soil humus that it affects the

759
00:33:26,690 --> 00:33:24,779
Dynamics of plant growth from

760
00:33:28,610 --> 00:33:26,700
germination to harvest

761
00:33:30,710 --> 00:33:28,620
it's best applied at the beginning of

762
00:33:33,649 --> 00:33:30,720
the growing season on a cloudy afternoon

763
00:33:36,830 --> 00:33:33,659

where soil is moist and on fields that

764

00:33:39,769 --> 00:33:36,840

are uncultivated or freshly turned

765

00:33:41,810 --> 00:33:39,779

there are several other preparations a

766

00:33:44,269 --> 00:33:41,820

similar cowhorn one using powdered

767

00:33:46,430 --> 00:33:44,279

quartz several for improving compost

768

00:33:48,370 --> 00:33:46,440

involving various herbs and animal

769

00:33:51,430 --> 00:33:48,380

organs

770

00:33:53,930 --> 00:33:51,440

bd502 is made from dried yarrow flowers

771

00:33:56,330 --> 00:33:53,940

placed in a Stag's bladder in Spring

772

00:33:58,610 --> 00:33:56,340

then hung from a tree until Autumn

773

00:34:00,409 --> 00:33:58,620

buried in an earthenware container until

774

00:34:03,470 --> 00:34:00,419

the next spring

775

00:34:05,509 --> 00:34:03,480

then one tenth of a teaspoon is to be

776

00:34:09,050 --> 00:34:05,519

placed in the middle of a cubic meter of

777

00:34:11,210 --> 00:34:09,060

compost where it quote brings light

778

00:34:14,329 --> 00:34:11,220

forces into the soil via its connection

779

00:34:17,089 --> 00:34:14,339

with sulfur helping Spirit to penetrate

780

00:34:19,730 --> 00:34:17,099

matter and enables it to attract Trace

781

00:34:22,310 --> 00:34:19,740

elements important for reproduction and

782

00:34:24,409 --> 00:34:22,320

growth venous forces are said to

783

00:34:26,810 --> 00:34:24,419

manifest in yarrow

784

00:34:30,109 --> 00:34:26,820

end quote

785

00:34:32,030 --> 00:34:30,119

from a biodynamics guide quote it's

786

00:34:34,790 --> 00:34:32,040

ideal to follow the application times

787

00:34:38,329 --> 00:34:34,800

from the biodynamic calendar to optimize

788

00:34:41,389 --> 00:34:38,339

Cosmic influence end quote

789

00:34:43,250 --> 00:34:41,399

yes biodynamics incorporates an

790

00:34:45,470 --> 00:34:43,260

astrological calendar

791

00:34:48,349 --> 00:34:45,480

using the phases of the moon to organize

792

00:34:49,970 --> 00:34:48,359

when to plant fertilize and harvest kind

793

00:34:52,730 --> 00:34:49,980

of makes sense when you're living in a

794

00:34:54,470 --> 00:34:52,740

society which is lacking calendars and I

795

00:34:56,270 --> 00:34:54,480

suppose it still serves as a sensible

796

00:34:58,670 --> 00:34:56,280

enough way to track the passing of time

797

00:35:00,829 --> 00:34:58,680

and Seasons but the magical thinking of

798

00:35:02,930 --> 00:35:00,839

astrology that's incorporated into these

799

00:35:05,450 --> 00:35:02,940

calendars strikes me as quite

800

00:35:08,750 --> 00:35:05,460

unnecessary

801
00:35:10,310 --> 00:35:08,760
during the 90s and early 2000s if there

802
00:35:12,410 --> 00:35:10,320
wasn't a poster of an independent

803
00:35:14,210 --> 00:35:12,420
Cinema's yearly Program stuck behind the

804
00:35:16,910 --> 00:35:14,220
toilet door of a sharehouse I lived in

805
00:35:19,069 --> 00:35:16,920
or visited there was almost certainly a

806
00:35:21,829 --> 00:35:19,079
moon planting poster in its place

807
00:35:23,630 --> 00:35:21,839
it's a fairly pervasive belief by no

808
00:35:25,790 --> 00:35:23,640
means limited to hardcore alternative

809
00:35:27,829 --> 00:35:25,800
gardeners with its pseudoscientific

810
00:35:29,870 --> 00:35:27,839
claims that the gravity wrought by the

811
00:35:32,589 --> 00:35:29,880
moon has a notable effect on the water

812
00:35:34,970 --> 00:35:32,599
within plants and soil

813
00:35:37,550 --> 00:35:34,980

biodynamics makes the further assertion

814

00:35:39,290 --> 00:35:37,560

that the constellations impact growth

815

00:35:40,569 --> 00:35:39,300

and fertility

816

00:35:42,950 --> 00:35:40,579

from

817

00:35:44,750 --> 00:35:42,960

biodynamic.org dot UK

818

00:35:47,210 --> 00:35:44,760

quote

819

00:35:49,730 --> 00:35:47,220

since ancient times the 12 zodiac

820

00:35:52,069 --> 00:35:49,740

constellations have been associated with

821

00:35:54,770 --> 00:35:52,079

each of the four elements

822

00:35:57,349 --> 00:35:54,780

three constellations are connected to

823

00:36:00,950 --> 00:35:57,359

each element and each element is related

824

00:36:05,150 --> 00:36:00,960

to a part of the plant Earth root water

825

00:36:07,190 --> 00:36:05,160

Leaf air flower fire fruit

826

00:36:09,530 --> 00:36:07,200

for good carrots and Earth root days

827

00:36:12,710 --> 00:36:09,540

should be chosen for lettuce or water

828

00:36:15,950 --> 00:36:12,720

Leaf day beans and apples are fire fruit

829

00:36:18,410 --> 00:36:15,960

day Etc end quote

830

00:36:20,450 --> 00:36:18,420

it all seems incredibly prescriptive to

831

00:36:22,310 --> 00:36:20,460

me there's no room for trialling

832

00:36:25,190 --> 00:36:22,320

different and potentially more efficient

833

00:36:29,630 --> 00:36:25,200

or economical methods everything is done

834

00:36:34,130 --> 00:36:31,550

some of the principles found within

835

00:36:36,790 --> 00:36:34,140

biodynamics are ones that I too value

836

00:36:39,109 --> 00:36:36,800

the responsible stewardship of land

837

00:36:42,470 --> 00:36:39,119

recognition of ecosystems and

838

00:36:44,750 --> 00:36:42,480

microclimates minimizing waste but we

839

00:36:47,210 --> 00:36:44,760

can be ethical ecologically aware and

840

00:36:49,730 --> 00:36:47,220

appreciative agriculturalists or in my

841

00:36:51,829 --> 00:36:49,740

case home gardeners without the need for

842

00:36:53,990 --> 00:36:51,839

dated prescriptive methods or magical

843

00:36:56,450 --> 00:36:54,000

thinking

844

00:36:58,970 --> 00:36:56,460

as for Life forces

845

00:37:01,430 --> 00:36:58,980

why do we need Supernatural ones

846

00:37:02,810 --> 00:37:01,440

influenced by constellations to be an

847

00:37:05,329 --> 00:37:02,820

aura of

848

00:37:08,089 --> 00:37:05,339

as a home Gardener I feel a sense of

849

00:37:10,430 --> 00:37:08,099

Amazement at what I see unfold around me

850

00:37:12,609 --> 00:37:10,440

seeds which contain dormant life being

851
00:37:16,250 --> 00:37:12,619
awakened by the right conditions

852
00:37:18,829 --> 00:37:16,260
microcosms of animals plants and fungi

853
00:37:21,650 --> 00:37:18,839
the shapes textures and colors of leaves

854
00:37:23,630 --> 00:37:21,660
fruit flowers and bark learning how to

855
00:37:26,270 --> 00:37:23,640
adjust the properties of soil to help a

856
00:37:28,550 --> 00:37:26,280
plant Thrive witnessing photosynthesis

857
00:37:30,470 --> 00:37:28,560
and nutrient uptake and genetic

858
00:37:33,470 --> 00:37:30,480
manipulation by selective breeding of

859
00:37:35,870 --> 00:37:33,480
plants I'm fascinated by it all

860
00:37:37,550 --> 00:37:35,880
so when somebody tells me that their

861
00:37:40,130 --> 00:37:37,560
method of alternative gardening or

862
00:37:41,930 --> 00:37:40,140
agriculture is more holistic or

863
00:37:43,790 --> 00:37:41,940

considered because they're adopting

864

00:37:46,130 --> 00:37:43,800

Supernatural beliefs into their practice

865

00:37:48,109 --> 00:37:46,140

I really want to ask them

866

00:37:51,349 --> 00:37:48,119

isn't what's actually there what's

867

00:37:53,510 --> 00:37:51,359

observable amazing enough

868

00:37:55,910 --> 00:37:53,520

there's a quote from Douglas Adams of

869

00:37:58,069 --> 00:37:55,920

which I'm particularly fond and in the

870

00:38:00,050 --> 00:37:58,079

context of this report it can be taken

871

00:38:01,310 --> 00:38:00,060

quite literally

872

00:38:03,650 --> 00:38:01,320

quote

873

00:38:06,290 --> 00:38:03,660

isn't it enough to see that a garden is

874

00:38:08,089 --> 00:38:06,300

beautiful without having to believe that

875

00:38:09,830 --> 00:38:08,099

there are fairies at the bottom of it

876

00:38:11,630 --> 00:38:09,840

too end quote

877

00:38:24,410 --> 00:38:11,640

[Music]

878

00:38:29,510 --> 00:38:27,170

hey Adrian hi Susan out for some

879

00:38:31,609 --> 00:38:29,520

shopping eh yep I'm stocking up on this

880

00:38:35,089 --> 00:38:31,619

imitation maple syrup from Australia

881

00:38:37,790 --> 00:38:35,099

imitation imitation

882

00:38:39,470 --> 00:38:37,800

no no no you need to buy the real thing

883

00:38:41,630 --> 00:38:39,480

from Canada

884

00:38:43,730 --> 00:38:41,640

but I saw the TV commercial in it said

885

00:38:45,530 --> 00:38:43,740

that noted pancake eating expert Richard

886

00:38:48,050 --> 00:38:45,540

Saunders says it's the best maple syrup

887

00:38:50,510 --> 00:38:48,060

money can buy and 60 of people preferred

888

00:38:53,870 --> 00:38:50,520

in a blind taste test everyone knows

889

00:38:56,150 --> 00:38:53,880

it's the best oh come on Susan you know

890

00:38:59,810 --> 00:38:56,160

better than that that's the argument

891

00:39:03,050 --> 00:38:59,820

from Authority it is or is it the

892

00:39:05,390 --> 00:39:03,060

argument from popularity hmm

893

00:39:07,670 --> 00:39:05,400

it might be another logical fallacy I'm

894

00:39:12,170 --> 00:39:07,680

not sure really if only we had a way of

895

00:39:18,290 --> 00:39:14,690

[Music]

896

00:39:20,030 --> 00:39:18,300

hello everyone oh my it's the skeptical

897

00:39:23,089 --> 00:39:20,040

Fairy Godmother angel from the internet

898

00:39:26,150 --> 00:39:23,099

yes that's right but how did you know

899

00:39:29,690 --> 00:39:26,160

who I am I listened to the skeptic Zone

900

00:39:32,690 --> 00:39:29,700

podcast also didn't you used to be the

901
00:39:35,230 --> 00:39:32,700

Tooth Fairy Oh yes

902
00:39:38,750 --> 00:39:35,240

I remember you

903
00:39:41,589 --> 00:39:38,760

I'll never forget your left upper

904
00:39:46,190 --> 00:39:41,599

lateral incisor would you like it back

905
00:39:47,990 --> 00:39:46,200

no it's okay you keep it hey skeptical

906
00:39:50,210 --> 00:39:48,000

Fairy Godmother Angel what are you doing

907
00:39:52,910 --> 00:39:50,220

here in the supermarket I've come to

908
00:39:55,130 --> 00:39:52,920

tell you that you can find out about 40

909
00:39:57,300 --> 00:39:55,140

different logical fallacies on YouTube

910
00:39:58,670 --> 00:39:57,310

in one handy location

911
00:40:01,550 --> 00:39:58,680

[Music]

912
00:40:05,650 --> 00:40:01,560

each one to hear an explanation and

913
00:40:08,050 --> 00:40:05,660

examples of how they might be used

914

00:40:09,609 --> 00:40:08,060

just go to

915

00:40:13,310 --> 00:40:09,619

tinyurl.com

916

00:40:15,069 --> 00:40:13,320

logical Zone and you'll find all the

917

00:40:18,470 --> 00:40:15,079

logical fallacies with Michelle

918

00:40:20,750 --> 00:40:18,480

vickersma with handy time codes to get

919

00:40:23,750 --> 00:40:20,760

to the exact one you want who is

920

00:40:25,450 --> 00:40:23,760

Michelle bigesma oh just a friend of

921

00:40:27,190 --> 00:40:25,460

mine

922

00:40:30,650 --> 00:40:27,200

tinyurl.com

923

00:40:33,290 --> 00:40:30,660

logical Zone thank you skeptical Fairy

924

00:40:36,470 --> 00:40:33,300

Godmother angel I guess you'll disappear

925

00:40:39,589 --> 00:40:36,480

in a puff of smoke and thunder now eh

926
00:40:44,569 --> 00:40:39,599
um not quite yet I have a bit of

927
00:40:48,950 --> 00:40:44,579
shopping to do Susan yes where do I find

928
00:40:50,930 --> 00:40:48,960
the Australian maple syrup hmm what no

929
00:40:54,589 --> 00:40:50,940
no no no come with me so-called

930
00:40:57,410 --> 00:40:54,599
skeptical fairy this is real maple syrup

931
00:40:57,420 --> 00:41:02,800
foreign

932
00:41:14,930 --> 00:41:10,440
[Music]

933
00:41:19,250 --> 00:41:16,430
once again

934
00:41:21,109 --> 00:41:19,260
dive back into the Trove archive and

935
00:41:23,450 --> 00:41:21,119
other archives from around the world

936
00:41:26,569 --> 00:41:23,460
digitized newspapers going back many

937
00:41:28,730 --> 00:41:26,579
many many years A Welch of information

938
00:41:30,710 --> 00:41:28,740

for research

939

00:41:33,710 --> 00:41:30,720

it's amazing to think you can sit at

940

00:41:36,890 --> 00:41:33,720

your home and type awake and discover

941

00:41:38,950 --> 00:41:36,900

all sorts of newspaper archives and

942

00:41:43,310 --> 00:41:38,960

records information

943

00:41:46,730 --> 00:41:43,320

stories reports events and invaluable

944

00:41:50,390 --> 00:41:46,740

resource and in keeping with our look

945

00:41:52,970 --> 00:41:50,400

and paranormal and in this case around

946

00:41:55,250 --> 00:41:52,980

the time that the skeptical movement was

947

00:41:58,750 --> 00:41:55,260

really getting started we're going to

948

00:42:01,930 --> 00:41:58,760

visit once more the age-old battle

949

00:42:05,690 --> 00:42:01,940

Sherlock Holmes and Professor Moriarty

950

00:42:08,750 --> 00:42:05,700

the doctor and the master

951
00:42:12,560 --> 00:42:08,760
in this case another look at James Randy

952
00:42:18,230 --> 00:42:15,290
[Music]

953
00:42:20,750 --> 00:42:18,240
then we find ourselves in the year 1976

954
00:42:25,370 --> 00:42:20,760
on the 11th of February in the Red Bank

955
00:42:28,490 --> 00:42:25,380
register and this story is by Linda

956
00:42:31,310 --> 00:42:28,500
Ellis Ransom

957
00:42:34,370 --> 00:42:31,320
when you ring the doorbell a mechanical

958
00:42:37,250 --> 00:42:34,380
laugh pulls forth the gape Mouse

959
00:42:41,230 --> 00:42:37,260
gargoyle mounted on the entryway at 51

960
00:42:45,410 --> 00:42:41,240
Lennox Avenue then asks ominously

961
00:42:49,609 --> 00:42:45,420
what evil looks in the hearts of men and

962
00:42:53,050 --> 00:42:49,619
answers the shadow knows James the

963
00:42:56,390 --> 00:42:53,060

amazing Randy who has this amazing door

964

00:42:58,730 --> 00:42:56,400

says the shadow isn't the only one who

965

00:43:02,930 --> 00:42:58,740

knows about evil

966

00:43:04,609 --> 00:43:02,940

he says so in a new book The Magic of

967

00:43:07,309 --> 00:43:04,619

urigala

968

00:43:11,510 --> 00:43:07,319

in which he accuses gittler a young

969

00:43:13,609 --> 00:43:11,520

Israeli psychic of shekinry and fraud

970

00:43:16,569 --> 00:43:13,619

Now quickly pause here to say I have a

971

00:43:21,109 --> 00:43:16,579

copy of this book in front of me here

972

00:43:23,390 --> 00:43:21,119

which was later retitled to be the truth

973

00:43:25,970 --> 00:43:23,400

about Yuri Gala

974

00:43:29,210 --> 00:43:25,980

and it says one of the most eye-popping

975

00:43:32,210 --> 00:43:29,220

exposes of the decade about psychic

976

00:43:34,790 --> 00:43:32,220

claims and Magic James Randy the amazing

977

00:43:38,030 --> 00:43:34,800

Randy and this particular issue I have

978

00:43:41,270 --> 00:43:38,040

was copyrighted 1982

979

00:43:42,410 --> 00:43:41,280

and it uh it's one of the classics one

980

00:43:44,870 --> 00:43:42,420

of the classics of skeptical

981

00:43:46,910 --> 00:43:44,880

investigation to this very day it's

982

00:43:48,589 --> 00:43:46,920

quite extensive

983

00:43:50,630 --> 00:43:48,599

a recommended book

984

00:43:53,569 --> 00:43:50,640

now normally I try to do Randy

985

00:43:55,309 --> 00:43:53,579

Impressions when I do these um uh quotes

986

00:43:57,410 --> 00:43:55,319

from him but I think I'll forgo that

987

00:44:00,050 --> 00:43:57,420

today because there's quite a lot of

988

00:44:03,050 --> 00:44:00,060

quotes here from Randy so so I think

989

00:44:06,770 --> 00:44:03,060

you'll understand I am a fake a phony

990

00:44:11,569 --> 00:44:06,780

but I am an Entertainer a magician I say

991

00:44:14,750 --> 00:44:11,579

so Mr Randy declares he gella is a phony

992

00:44:16,490 --> 00:44:14,760

but he claims to be a second Messiah he

993

00:44:18,530 --> 00:44:16,500

does nightclub magician tricks and

994

00:44:22,670 --> 00:44:18,540

claims they are not magic but a result

995

00:44:25,130 --> 00:44:22,680

of psychic powers he is a charlatan the

996

00:44:27,410 --> 00:44:25,140

master of Ledger domain alleges in

997

00:44:30,710 --> 00:44:27,420

interviews and in his book

998

00:44:33,190 --> 00:44:30,720

in 1972 according to the ransom author's

999

00:44:35,990 --> 00:44:33,200

book Mr Geller convinced Apollo 14

1000

00:44:38,770 --> 00:44:36,000

astronaut Edgar Mitchell and the

1001
00:44:44,150 --> 00:44:38,780
prestigious Stanford Research Institute

1002
00:44:47,270 --> 00:44:44,160
SRI that he is together could read minds

1003
00:44:50,270 --> 00:44:47,280
foretell events and with sheer psychic

1004
00:44:53,510 --> 00:44:50,280
energy distort magnetic fields streams

1005
00:44:56,930 --> 00:44:53,520
of electrons and solid metallic objects

1006
00:44:59,270 --> 00:44:56,940
Mr Randy said in an interview that once

1007
00:45:02,089 --> 00:44:59,280
Mr Mitchell became a Believer he

1008
00:45:05,210 --> 00:45:02,099
Mitchell financed Mr Geller's trip to

1009
00:45:08,450 --> 00:45:05,220
California the SRI established the

1010
00:45:12,109 --> 00:45:08,460
psychic as a consultant involved in

1011
00:45:13,849 --> 00:45:12,119
psychic research at a stipend of one

1012
00:45:17,329 --> 00:45:13,859
hundred dollars a day plus expenses

1013
00:45:19,790 --> 00:45:17,339

today Mr Randy said Mr Geller is in

1014

00:45:23,930 --> 00:45:19,800

Mexico searching for buried gold with

1015

00:45:26,809 --> 00:45:23,940

psychic tools psychic phenomena include

1016

00:45:29,450 --> 00:45:26,819

Clairvoyance awareness of events and

1017

00:45:32,930 --> 00:45:29,460

objects that lie outside the perimeters

1018

00:45:35,349 --> 00:45:32,940

of the five senses psychokinesis mental

1019

00:45:39,410 --> 00:45:35,359

ability to influence physical objects

1020

00:45:42,050 --> 00:45:39,420

and precognition for knowledge of events

1021

00:45:46,190 --> 00:45:42,060

there is a running dispute amongst

1022

00:45:50,150 --> 00:45:46,200

scientists laymen magicians and psychics

1023

00:45:53,150 --> 00:45:50,160

as to the truth of psychic claims Mr

1024

00:45:57,170 --> 00:45:53,160

Randy in the softcover book with sales

1025

00:46:00,109 --> 00:45:57,180

at this date of 300 000 writes and

1026

00:46:02,390 --> 00:46:00,119

illustrates his thesis that gila's

1027

00:46:04,790 --> 00:46:02,400

supposed metal bending abilities are

1028

00:46:07,130 --> 00:46:04,800

merely tricks accomplished by sleight of

1029

00:46:08,750 --> 00:46:07,140

hand that his claims of having been

1030

00:46:11,710 --> 00:46:08,760

tested under rigorous scientific

1031

00:46:14,030 --> 00:46:11,720

conditions are a crock of nonsense

1032

00:46:16,670 --> 00:46:14,040

Geller's telepathic abilities are

1033

00:46:19,849 --> 00:46:16,680

demonstrated by tired Conjuring Dodgers

1034

00:46:22,309 --> 00:46:19,859

Mr Randy writes that have been used for

1035

00:46:25,250 --> 00:46:22,319

a century and which depend on lose

1036

00:46:28,130 --> 00:46:25,260

control for their success he has chosen

1037

00:46:30,230 --> 00:46:28,140

to be tested by men of science who have

1038

00:46:32,450 --> 00:46:30,240

already declared themselves Believers in

1039

00:46:35,150 --> 00:46:32,460

paranormal nonsense a former nightclub

1040

00:46:37,670 --> 00:46:35,160

magician in Israel gella has made wild

1041

00:46:40,190 --> 00:46:37,680

claims of wondrous accomplishment that

1042

00:46:43,670 --> 00:46:40,200

never took place The Necromancer notes

1043

00:46:47,930 --> 00:46:43,680

in his book in 1971 Gala was found

1044

00:46:50,750 --> 00:46:47,940

guilty in Israel of breach of Promise of

1045

00:46:53,470 --> 00:46:50,760

defrauding in that he promised to

1046

00:46:56,990 --> 00:46:53,480

perform Feats of telepathy

1047

00:46:59,329 --> 00:46:57,000

parapsychology hypnotism and telekinesis

1048

00:47:01,849 --> 00:46:59,339

while in fact he merely employed sleight

1049

00:47:04,130 --> 00:47:01,859

of hand and Stage tricks the author

1050

00:47:07,609 --> 00:47:04,140

States in his book which is going into

1051

00:47:12,290 --> 00:47:07,619

its third printing by Valentine books

1052

00:47:14,690 --> 00:47:12,300

The Magic of urigala is studded with

1053

00:47:17,750 --> 00:47:14,700

favorable reviews about Randy's research

1054

00:47:19,450 --> 00:47:17,760

from scientists academics and writers

1055

00:47:23,329 --> 00:47:19,460

example

1056

00:47:26,150 --> 00:47:23,339

a fascinating dissection of regular's

1057

00:47:29,270 --> 00:47:26,160

humbuggery a healthy antidote to

1058

00:47:31,609 --> 00:47:29,280

charltonism on all levels right to Carl

1059

00:47:34,550 --> 00:47:31,619

Sagan a professor of astronomy and space

1060

00:47:37,670 --> 00:47:34,560

Sciences at Colonel University

1061

00:47:41,510 --> 00:47:37,680

to the Delight of two small children and

1062

00:47:43,970 --> 00:47:41,520

the Distortion of two of this report is

1063

00:47:45,849 --> 00:47:43,980

teaspoons Mr Randy proceeded to

1064

00:47:49,309 --> 00:47:45,859

demonstrate that with sleight of hand

1065

00:47:52,069 --> 00:47:49,319

and a line of patter he could bend a

1066

00:47:54,710 --> 00:47:52,079

metal utensil in half while its owner

1067

00:47:58,010 --> 00:47:54,720

held the working end two of a Daily

1068

00:48:01,270 --> 00:47:58,020

Register of photographers Keys met the

1069

00:48:03,950 --> 00:48:01,280

same fate Mr Randy then reversed a watch

1070

00:48:07,190 --> 00:48:03,960

precisely one hour with four people

1071

00:48:09,829 --> 00:48:07,200

watching we thought his every move and

1072

00:48:12,710 --> 00:48:09,839

one of us holding fast to the watch

1073

00:48:15,770 --> 00:48:12,720

workings Mr Randy describes in his book

1074

00:48:19,190 --> 00:48:15,780

how he has performed every trick in Mr

1075

00:48:21,890 --> 00:48:19,200

Geller's bag on talk shows and before

1076
00:48:24,349 --> 00:48:21,900
scientists and media people in his book

1077
00:48:28,670 --> 00:48:24,359
Mr Randy describes how the tricks are

1078
00:48:31,370 --> 00:48:28,680
done with standard magician trickery on

1079
00:48:35,210 --> 00:48:31,380
The Tonight Show in 1974 after Johnny

1080
00:48:37,849 --> 00:48:35,220
Carson set up airtight controls had Mr

1081
00:48:39,710 --> 00:48:37,859
Randy's suggestion nothing that Mr

1082
00:48:43,010 --> 00:48:39,720
Geller attempted during a 20-minute

1083
00:48:45,770 --> 00:48:43,020
session seemed to work according to a

1084
00:48:48,650 --> 00:48:45,780
March cover story in Time Magazine

1085
00:48:50,510 --> 00:48:48,660
and I'll quickly uh break in here to say

1086
00:48:52,849 --> 00:48:50,520
that that appearance of Yuri Geller on

1087
00:48:55,790 --> 00:48:52,859
Johnny Carson where Randy introduced the

1088
00:48:58,010 --> 00:48:55,800

uh controls to stop any cheating is

1089

00:48:59,510 --> 00:48:58,020

available on YouTube and I'll link to

1090

00:49:01,130 --> 00:48:59,520

that in this week's show notes it's

1091

00:49:03,950 --> 00:49:01,140

certainly worth watching

1092

00:49:06,530 --> 00:49:03,960

Mr Randy said his exposure of Mr Galla's

1093

00:49:09,829 --> 00:49:06,540

performances is essential to reveal the

1094

00:49:12,170 --> 00:49:09,839

professed psychic for the charlatan that

1095

00:49:15,470 --> 00:49:12,180

Mr Randy and many others according to

1096

00:49:18,650 --> 00:49:15,480

the book believe he is Mr Randy said he

1097

00:49:20,750 --> 00:49:18,660

wrote the book because Gala is changing

1098

00:49:23,089 --> 00:49:20,760

the thinking of a whole generation of

1099

00:49:25,550 --> 00:49:23,099

Americans making them believe in Things

1100

00:49:28,430 --> 00:49:25,560

That Go Bump in the night the press the

1101
00:49:31,069 --> 00:49:28,440
digitationalist proposes to stop that he

1102
00:49:34,550 --> 00:49:31,079
said I want people to stop believing in

1103
00:49:37,670 --> 00:49:34,560
things that don't exist Mr Randy said in

1104
00:49:40,190 --> 00:49:37,680
the interview lies irrationality and

1105
00:49:44,089 --> 00:49:40,200
deceit cannot be a positive influence

1106
00:49:47,270 --> 00:49:44,099
the magician maintains beyond that Mr

1107
00:49:50,030 --> 00:49:47,280
Randy said there is the gala effect the

1108
00:49:54,109 --> 00:49:50,040
ability of Gala to convince people that

1109
00:49:57,170 --> 00:49:54,119
he was sent here to save mankind its

1110
00:49:58,970 --> 00:49:57,180
gullibility and hard to battle he has

1111
00:50:01,970 --> 00:49:58,980
Charmed many people

1112
00:50:05,089 --> 00:50:01,980
Mr Randy said in discussing his reasons

1113
00:50:07,970 --> 00:50:05,099

for putting the magic together

1114

00:50:10,730 --> 00:50:07,980

he really appeals to the young in revolt

1115

00:50:12,650 --> 00:50:10,740

against an older generation he'll fund a

1116

00:50:15,650 --> 00:50:12,660

full-blown religion if he's not stopped

1117

00:50:18,770 --> 00:50:15,660

Mr Randy continued he has Charisma many

1118

00:50:21,109 --> 00:50:18,780

people want him to succeed and save the

1119

00:50:23,809 --> 00:50:21,119

world with psychic powers some

1120

00:50:26,930 --> 00:50:23,819

scientists still believe in him Mr Randy

1121

00:50:29,450 --> 00:50:26,940

said in the interview those few believe

1122

00:50:32,270 --> 00:50:29,460

that if they cannot explain something

1123

00:50:35,890 --> 00:50:32,280

scientifically they figure it has to be

1124

00:50:39,130 --> 00:50:35,900

Supernatural they don't understand that

1125

00:50:41,569 --> 00:50:39,140

unexplained does not mean unexplainable

1126
00:50:44,930 --> 00:50:41,579
some scientists think they can't be

1127
00:50:47,150 --> 00:50:44,940
fooled Mr Randy said Mr Geller explains

1128
00:50:51,710 --> 00:50:47,160
his failures under controlled conditions

1129
00:50:54,710 --> 00:50:51,720
as proof of his reality Mr Randy wrote

1130
00:50:58,069 --> 00:50:54,720
in his book that Mr Geller claims a

1131
00:51:00,890 --> 00:50:58,079
safety valve when he fails

1132
00:51:03,290 --> 00:51:00,900
when he succeeds he claims success as a

1133
00:51:06,470 --> 00:51:03,300
psychic when he fails he claims that

1134
00:51:09,530 --> 00:51:06,480
negative vibrations which only affect

1135
00:51:12,650 --> 00:51:09,540
true psychics caused his failure the

1136
00:51:15,170 --> 00:51:12,660
magician author said our local Sorcerers

1137
00:51:19,430 --> 00:51:15,180
first and last personal encounter with

1138
00:51:21,589 --> 00:51:19,440

Mr Geller was in February of 1973 when

1139

00:51:24,410 --> 00:51:21,599

the ransom Resident was asked by Time

1140

00:51:27,170 --> 00:51:24,420

Magazine to sit in on a session between

1141

00:51:29,450 --> 00:51:27,180

the Magazine's editors and Mr Geller

1142

00:51:31,190 --> 00:51:29,460

while a cover story on psychics was

1143

00:51:34,270 --> 00:51:31,200

being planned

1144

00:51:37,430 --> 00:51:34,280

I was introduced to Gella as a reporter

1145

00:51:40,790 --> 00:51:37,440

I dutifully made notes and asked

1146

00:51:43,670 --> 00:51:40,800

questions Gila did his routine and it

1147

00:51:45,950 --> 00:51:43,680

was so transparent I duplicated his

1148

00:51:49,130 --> 00:51:45,960

entire routine as soon as he left Mr

1149

00:51:51,650 --> 00:51:49,140

Randy said Mr Randy said he has a

1150

00:51:54,950 --> 00:51:51,660

standing offer to Mr Geller to sue him

1151

00:51:58,370 --> 00:51:54,960

if magic is libless

1152

00:52:00,950 --> 00:51:58,380

and magic of course referring to the

1153

00:52:03,829 --> 00:52:00,960

book he's never communicated with me so

1154

00:52:04,970 --> 00:52:03,839

I assume he knows it's all true the

1155

00:52:07,910 --> 00:52:04,980

writer said

1156

00:52:09,950 --> 00:52:07,920

Randy's Revelations contributed to our

1157

00:52:13,250 --> 00:52:09,960

first story on Gala which charged in

1158

00:52:15,290 --> 00:52:13,260

effect that SRI had been hoodwinked by

1159

00:52:18,829 --> 00:52:15,300

an Israeli magician writes Leonard

1160

00:52:20,930 --> 00:52:18,839

jarath senior editor of Time magazine in

1161

00:52:24,349 --> 00:52:20,940

his introduction to the book

1162

00:52:27,069 --> 00:52:24,359

no matter how clever the next Gala is

1163

00:52:30,589 --> 00:52:27,079

James Randy will be there his eyes

1164

00:52:35,150 --> 00:52:30,599

gleaming Mr Joff writes ready to do

1165

00:52:37,670 --> 00:52:35,160

battle for legitimate magic everywhere

1166

00:52:42,710 --> 00:52:37,680

and we have a photograph accompanying

1167

00:52:45,309 --> 00:52:42,720

this article there's James Randy roughly

1168

00:52:48,530 --> 00:52:45,319

what should we say in his mid-40s

1169

00:52:49,790 --> 00:52:48,540

looking intently at a spoon he's just

1170

00:52:52,730 --> 00:52:49,800

bent

1171

00:52:55,609 --> 00:52:52,740

and the caption reads

1172

00:52:58,609 --> 00:52:55,619

sacrificial spoon using sleight of hand

1173

00:53:01,370 --> 00:52:58,619

theatrics and distractions James the

1174

00:53:03,770 --> 00:53:01,380

amazing Randy of Ransom demonstrates how

1175

00:53:06,950 --> 00:53:03,780

a metal spoon can be distorted without

1176

00:53:09,410 --> 00:53:06,960

force in a new book The Magic of Yuri

1177

00:53:12,230 --> 00:53:09,420

Gala the magician sets out to prove that

1178

00:53:16,190 --> 00:53:12,240

the young psychic bends his spoons by

1179

00:53:21,609 --> 00:53:16,200

the same magician's tricks and not by

1180

00:53:27,170 --> 00:53:24,589

I think it's very important to revisit

1181

00:53:29,510 --> 00:53:27,180

this time in history because it's not

1182

00:53:32,150 --> 00:53:29,520

only the period that sort of spurred on

1183

00:53:36,950 --> 00:53:32,160

the modern skeptical movement but it's a

1184

00:53:39,770 --> 00:53:36,960

lesson to us all in how scientists media

1185

00:53:42,609 --> 00:53:39,780

people everyday people in the street can

1186

00:53:46,069 --> 00:53:42,619

be fooled by magicians tricks which is

1187

00:53:50,170 --> 00:53:46,079

the whole idea of magic and Conjuring

1188

00:53:54,230 --> 00:53:50,180

but how they can be distorted those same

1189

00:53:57,589 --> 00:53:54,240

tricks and illusions can be distorted to

1190

00:54:00,290 --> 00:53:57,599

benefit someone like Yuri Gala making

1191

00:54:02,750 --> 00:54:00,300

these sort of claims and thousands upon

1192

00:54:07,750 --> 00:54:02,760

thousands of people will believe it

1193

00:54:11,630 --> 00:54:07,760

and still do to this very day although

1194

00:54:14,510 --> 00:54:11,640

uh for many people now the name Yuri

1195

00:54:16,370 --> 00:54:14,520

Geller is simply an unknown it's too far

1196

00:54:17,569 --> 00:54:16,380

back in the past and in a way it's too

1197

00:54:19,849 --> 00:54:17,579

obscure

1198

00:54:22,309 --> 00:54:19,859

and as I have said many many times

1199

00:54:23,870 --> 00:54:22,319

that's a big clue

1200

00:54:26,030 --> 00:54:23,880

it's a big clue it's a big hint it's a

1201

00:54:27,829 --> 00:54:26,040

big indication to us all that his claims

1202

00:54:30,710 --> 00:54:27,839

were baseless because if they were real

1203

00:54:32,870 --> 00:54:30,720

if people really could Bend metal using

1204

00:54:33,410 --> 00:54:32,880

psychic and paranormal powers

1205

00:54:33,950 --> 00:54:33,420

[Music]

1206

00:54:37,069 --> 00:54:33,960

um

1207

00:54:38,809 --> 00:54:37,079

and that was established in the 70s by

1208

00:54:43,190 --> 00:54:38,819

now it would simply be part of our

1209

00:54:45,230 --> 00:54:43,200

society and somehow it isn't

1210

00:54:49,130 --> 00:54:45,240

so again that comes from the pages of

1211

00:54:53,150 --> 00:54:49,140

the Red Bank register from the 11th of

1212

00:54:57,710 --> 00:54:55,190

and don't forget that you too can enjoy

1213

00:55:00,349 --> 00:54:57,720

many hours of research and

1214

00:55:02,890 --> 00:55:00,359

digging out interesting articles if you

1215

00:55:06,349 --> 00:55:02,900

go to Trove at

1216

00:55:09,049 --> 00:55:06,359

trove.nla.gov dot a U or your local

1217

00:55:12,049 --> 00:55:09,059

online newspaper archive no matter where

1218

00:55:15,310 --> 00:55:12,059

you are around the world

1219

00:55:15,320 --> 00:55:31,430

[Music]

1220

00:55:35,390 --> 00:55:33,349

thank you for listening to the skeptic

1221

00:55:36,890 --> 00:55:35,400

Zone podcast this week and thank you to

1222

00:55:40,250 --> 00:55:36,900

those wonderful people who contribute

1223

00:55:42,049 --> 00:55:40,260

via patreon or PayPal at skepticzone.tv

1224

00:55:44,870 --> 00:55:42,059

and thank you to those new patrons just

1225

00:55:47,650 --> 00:55:44,880

come on board it means that I can keep

1226
00:55:50,450 --> 00:55:47,660
bringing you the skeptic Zone every week

1227
00:55:53,510 --> 00:55:50,460
and for those who are interested I also

1228
00:55:55,430 --> 00:55:53,520
appeared on the last episode of the

1229
00:55:58,250 --> 00:55:55,440
skeptic's guide to the universe as a

1230
00:56:00,770 --> 00:55:58,260
guest Rogue and had a lot of fun with my

1231
00:56:02,510 --> 00:56:00,780
old friends on that podcast

1232
00:56:04,549 --> 00:56:02,520
coming up on next week's show let me

1233
00:56:07,849 --> 00:56:04,559
have a look here on my uh little system

1234
00:56:10,370 --> 00:56:07,859
here in my iPad where I catalog all the

1235
00:56:13,670 --> 00:56:10,380
uh upcoming shows what's that okay next

1236
00:56:15,349 --> 00:56:13,680
week's show oh it's blank that means

1237
00:56:17,270 --> 00:56:15,359
it's a mystery that means I can't

1238
00:56:19,130 --> 00:56:17,280

predict the future that means we'll all

1239

00:56:21,829 --> 00:56:19,140

have to wait till next week to find out

1240

00:56:24,049 --> 00:56:21,839

but for this week this is Richard

1241

00:56:28,690 --> 00:56:24,059

Saunders signing off from Sydney

1242

00:56:35,589 --> 00:56:31,010

you've been listening to the skeptic

1243

00:56:37,870 --> 00:56:35,599

Zone podcast please visit our website at

1244

00:56:41,030 --> 00:56:37,880

www.skepticzone.tv for show notes

1245

00:56:44,630 --> 00:56:41,040

contacts and to access the bat catalog

1246

00:56:46,609 --> 00:56:44,640

of episodes going back to 2008.

1247

00:56:50,150 --> 00:56:46,619

you can follow the skeptic Zone podcast

1248

00:56:52,490 --> 00:56:50,160

on Twitter at skeptic Zone visit our

1249

00:56:53,750 --> 00:56:52,500

Facebook page or leave a review on

1250

00:56:55,970 --> 00:56:53,760

iTunes

1251
00:56:59,210 --> 00:56:55,980
you can also support the skeptic Zone

1252
00:57:02,630 --> 00:56:59,220
via patreon or PayPal the skeptic Zone

1253
00:57:04,370 --> 00:57:02,640
podcast is an independent production the

1254
00:57:06,470 --> 00:57:04,380
views and opinions expressed on the

1255
00:57:08,870 --> 00:57:06,480
skeptic zone are not necessarily those

1256
00:57:10,470 --> 00:57:08,880
of Australian Skeptics or any other

1257
00:57:22,090 --> 00:57:10,480
skeptical organization

1258
00:57:28,549 --> 00:57:24,790
[Music]

1259
00:57:30,589 --> 00:57:28,559
hello my name is

1260
00:57:32,510 --> 00:57:30,599
it's very noisy hello to all those

1261
00:57:34,849 --> 00:57:32,520
people who listen after the music for

1262
00:57:38,390 --> 00:57:34,859
the Easter egg that is the dice game

1263
00:57:40,670 --> 00:57:38,400

sometimes I roll a dice a die and you

1264

00:57:42,530 --> 00:57:40,680

use your whatever Powers you wish

1265

00:57:44,089 --> 00:57:42,540

to predict what numbers are going to

1266

00:57:47,690 --> 00:57:44,099

come up

1267

00:57:49,430 --> 00:57:47,700

and this is a 10-sided die this week I

1268

00:57:51,710 --> 00:57:49,440

can crawl it three times in my dice

1269

00:57:54,530 --> 00:57:51,720

machine kindly donated by my friend

1270

00:57:56,569 --> 00:57:54,540

Gregory in the Bay Area

1271

00:57:57,410 --> 00:57:56,579

roll number one here we go I'm gonna

1272

00:57:59,330 --> 00:57:57,420

rattle

1273

00:58:01,130 --> 00:57:59,340

dice put it in the machine and

1274

00:58:05,690 --> 00:58:01,140

[Music]

1275

00:58:10,760 --> 00:58:07,309

number one

1276
00:58:13,010 --> 00:58:10,770
we go and

1277
00:58:16,730 --> 00:58:13,020
[Music]

1278
00:58:23,320 --> 00:58:20,030
am I detecting a pattern here

1279
00:58:25,849 --> 00:58:23,330
four and four one more and here it comes

1280
00:58:29,089 --> 00:58:25,859
[Music]

1281
00:58:31,250 --> 00:58:29,099
well it's not a four Susan it's not a

1282
00:58:32,809 --> 00:58:31,260
five

1283
00:58:35,930 --> 00:58:32,819
ten

1284
00:58:38,329 --> 00:58:35,940
there we are today's winning numbers and

1285
00:58:41,270 --> 00:58:38,339
what do you win you win a chance to