

A portrait of Neil deGrasse Tyson, a man with a mustache wearing a dark suit jacket, a light blue shirt, and a dark tie. He is looking directly at the camera with a slight smile. The background is dark.

TAM 9

Neil deGrasse Tyson

The Skeptic Zone

Show 144 - 23 July 2011

1
00:00:10,970 --> 00:00:01,939
this is James Randi and you're listening

2
00:00:13,850 --> 00:00:10,980
to the skeptic zone welcome to the

3
00:00:26,850 --> 00:00:13,860
skeptic zone the podcast from Australia

4
00:00:35,800 --> 00:00:30,630
yes it's the skeptic Zone episode number

5
00:00:37,180 --> 00:00:35,810
144 for the 23rd of July 2011 Richard

6
00:00:39,700 --> 00:00:37,190
Saunders here with you from Sydney

7
00:00:42,070 --> 00:00:39,710
Australia I think it's Sydney Australia

8
00:00:44,190 --> 00:00:42,080
I sort of had a funny feeling I was just

9
00:00:47,500 --> 00:00:44,200
in Las Vegas but no I guess this is

10
00:00:50,049 --> 00:00:47,510
Sydney Australia more about my tam

11
00:00:52,299 --> 00:00:50,059
adventure soon coming up on this week's

12
00:00:55,270 --> 00:00:52,309
show some great interviews from Tam the

13
00:00:56,979 --> 00:00:55,280

amazing meeting from the James Randi

14

00:00:59,590 --> 00:00:56,989

Educational Foundation there was a

15

00:01:02,560 --> 00:00:59,600

fantastic time which it could have been

16

00:01:05,470 --> 00:01:02,570

longer but there you go I interview dr.

17

00:01:07,780 --> 00:01:05,480

Neil deGrasse Tyson the famous

18

00:01:09,640 --> 00:01:07,790

astronomer and what a pleasure it was to

19

00:01:11,530 --> 00:01:09,650

meet Neil deGrasse Tyson that's coming

20

00:01:14,620 --> 00:01:11,540

up followed by a quick chat with our

21

00:01:17,110 --> 00:01:14,630

good friend and us correspondent for the

22

00:01:19,180 --> 00:01:17,120

skeptic zone travis roy from the Granite

23

00:01:20,980 --> 00:01:19,190

State skeptics now he's had an

24

00:01:25,570 --> 00:01:20,990

interesting experience lately handing

25

00:01:28,690 --> 00:01:25,580

out to sort of skeptical cards at a John

26

00:01:31,570 --> 00:01:28,700

Edwards psychic event I can't wait to

27

00:01:34,480 --> 00:01:31,580

find out more then we've got dr. Reggie

28

00:01:37,210 --> 00:01:34,490

reports and she catches up with the arm

29

00:01:40,870 --> 00:01:37,220

and Chen you may remember from the

30

00:01:44,760 --> 00:01:40,880

Survivor Series now yah man chan is of

31

00:01:47,670 --> 00:01:44,770

course now a leading skeptic some

32

00:01:50,950 --> 00:01:47,680

secrets from behind the survivor show

33

00:01:54,400 --> 00:01:50,960

coming up soon then to wrap up the show

34

00:01:57,400 --> 00:01:54,410

it's Maynard back again link me nods got

35

00:01:59,080 --> 00:01:57,410

a fat fixation right now because he

36

00:02:00,850 --> 00:01:59,090

speaks to Leslie wicks from the

37

00:02:06,880 --> 00:02:00,860

University of Newcastle about more

38

00:02:10,270 --> 00:02:06,890

research into fat yes fat she questions

39

00:02:13,600 --> 00:02:10,280

some previous research and she reminds

40

00:02:15,699 --> 00:02:13,610

us all to be on the lookout and not to

41

00:02:19,059 --> 00:02:15,709

be fooled by magic bullets in other

42

00:02:21,990 --> 00:02:19,069

words magic pills wondrous things

43

00:02:26,440 --> 00:02:22,000

that'll fix your problems on the spot

44

00:02:36,880 --> 00:02:26,450

but now let me let me cast my mind back

45

00:02:42,520 --> 00:02:39,070

is that lovely sound you hear is the

46

00:02:47,620 --> 00:02:42,530

sound of the south point casino and spa

47

00:02:49,809 --> 00:02:47,630

in Las Vegas giant giant downstairs area

48

00:02:54,870 --> 00:02:49,819

like three aircraft hangars full of slot

49

00:02:58,810 --> 00:02:54,880

machines and barns and racing videos are

50

00:03:04,090 --> 00:02:58,820

amazing site constant movement constant

51
00:03:06,130 --> 00:03:04,100
noise skeptics 24 hours a day well for

52
00:03:08,290 --> 00:03:06,140
me this whole time experience was like a

53
00:03:10,420 --> 00:03:08,300
dream after putting out the last episode

54
00:03:12,820 --> 00:03:10,430
of the skeptics earn my brother kindly

55
00:03:15,729 --> 00:03:12,830
drove me to the airport I found myself

56
00:03:18,009 --> 00:03:15,739
on that Delta jet flying over the

57
00:03:21,400 --> 00:03:18,019
pacific got some sleep got a little bit

58
00:03:24,640 --> 00:03:21,410
of sleep landed in la got through

59
00:03:25,960 --> 00:03:24,650
customs super quick thinking oh maybe I

60
00:03:29,290 --> 00:03:25,970
can catch an early flight to Las Vegas

61
00:03:31,960 --> 00:03:29,300
no early flight was full okay SAT around

62
00:03:35,050 --> 00:03:31,970
the delta lounge for a few hours wow

63
00:03:37,960 --> 00:03:35,060

that's like watching paint dry finally

64

00:03:39,550 --> 00:03:37,970

got on that plane to Las Vegas and that

65

00:03:42,640 --> 00:03:39,560

ship seemed to be a long time because I

66

00:03:46,660 --> 00:03:42,650

was so keen to get to town got off the

67

00:03:51,819 --> 00:03:46,670

plane at Las Vegas ran out join the very

68

00:03:54,370 --> 00:03:51,829

long taxi queue oh boy finally made it

69

00:03:56,830 --> 00:03:54,380

to the hotel checked in raced up to my

70

00:03:59,640 --> 00:03:56,840

room quick shower change of clothes

71

00:04:03,130 --> 00:03:59,650

scrub up and then straight down to the

72

00:04:06,670 --> 00:04:03,140

convention itself i think i was really

73

00:04:08,350 --> 00:04:06,680

firing on adrenaline within an hour of

74

00:04:10,420 --> 00:04:08,360

being there and catching up with as many

75

00:04:13,090 --> 00:04:10,430

people as I could on the spot I was Oh

76

00:04:14,949 --> 00:04:13,100

taken away to interview Neil deGrasse

77

00:04:17,050 --> 00:04:14,959

Tyson and that interviews coming up very

78

00:04:20,140 --> 00:04:17,060

soon after that it was back to the

79

00:04:23,050 --> 00:04:20,150

skeptic zone skip toid table to chat

80

00:04:26,409 --> 00:04:23,060

with Brian Dunning and travis roy and

81

00:04:28,930 --> 00:04:26,419

then I'm afraid things turned into a bit

82

00:04:31,270 --> 00:04:28,940

of a blur of meeting people and catching

83

00:04:33,250 --> 00:04:31,280

up with James Randi and lots of hugs all

84

00:04:34,990 --> 00:04:33,260

around next thing I know I'm at the

85

00:04:38,080 --> 00:04:35,000

skeptics guide to the universe dinner

86

00:04:40,090 --> 00:04:38,090

are where they invited me to be the

87

00:04:42,820 --> 00:04:40,100

auctioneer that night had a great time

88

00:04:44,200 --> 00:04:42,830

and I helped raise a lot of money for

89

00:04:45,960 --> 00:04:44,210

the our dear friends at the skeptics

90

00:04:49,090 --> 00:04:45,970

guide to the universe

91

00:04:50,770 --> 00:04:49,100

makes vague memory I have is being done

92

00:04:53,940 --> 00:04:50,780

at the del mar bar a quick drink a quick

93

00:04:56,860 --> 00:04:53,950

chat to some friends and then to bed I

94

00:04:59,430 --> 00:04:56,870

did get a good night's sleep and then

95

00:05:03,520 --> 00:04:59,440

came Saturday woke up with the alarm

96

00:05:05,500 --> 00:05:03,530

very groggy saturday i was on me getting

97

00:05:07,840 --> 00:05:05,510

things done panel which was a lot of fun

98

00:05:10,570 --> 00:05:07,850

don't remember much of it I must admit i

99

00:05:14,980 --> 00:05:10,580

did a Power Balance demonstration with

100

00:05:18,760 --> 00:05:14,990

our master of ceremonies George rub

101
00:05:22,300 --> 00:05:18,770
which went over very well and then I

102
00:05:23,620 --> 00:05:22,310
entered the memory fog I'm not sure what

103
00:05:26,320 --> 00:05:23,630
I did for the rest of the day I had

104
00:05:28,120 --> 00:05:26,330
lunch with james randi I think chatted

105
00:05:30,010 --> 00:05:28,130
with as many people as I could had a

106
00:05:32,470 --> 00:05:30,020
lots of skeptics own fans come up to say

107
00:05:36,730 --> 00:05:32,480
hello which was fantastic photographs

108
00:05:39,820 --> 00:05:36,740
everywhere some more fun and my memory

109
00:05:43,180 --> 00:05:39,830
really fizzles into a blur of friends

110
00:05:48,070 --> 00:05:43,190
faces skeptics questions autographs

111
00:05:49,750 --> 00:05:48,080
photographs choreographs and i'm not

112
00:05:52,030 --> 00:05:49,760
sure what happened i think i ended up in

113
00:05:54,940 --> 00:05:52,040

the del mar bar that night for some

114

00:05:56,500 --> 00:05:54,950

drinks were friends but that night when

115

00:06:00,730 --> 00:05:56,510

i headed to bed there was no sleep for

116

00:06:03,580 --> 00:06:00,740

me because jet lag had caught up three

117

00:06:08,710 --> 00:06:03,590

am i found myself back downstairs trying

118

00:06:12,880 --> 00:06:08,720

to surf the net send some emails so then

119

00:06:14,830 --> 00:06:12,890

we come to Sunday my last day and sunday

120

00:06:16,720 --> 00:06:14,840

was the case of catching as many of the

121

00:06:19,000 --> 00:06:16,730

speakers I could in the main convention

122

00:06:22,450 --> 00:06:19,010

area which wasn't many again chatting

123

00:06:26,320 --> 00:06:22,460

with people and then my memories sort of

124

00:06:28,270 --> 00:06:26,330

fade into getting ready to leave and by

125

00:06:30,820 --> 00:06:28,280

the afternoon dr. Richie and myself

126
00:06:34,900 --> 00:06:30,830
found ourselves on the shuttle bus being

127
00:06:37,570 --> 00:06:34,910
taken back to the airport caught the

128
00:06:39,550 --> 00:06:37,580
flight from Las Vegas to Los Angeles few

129
00:06:44,260 --> 00:06:39,560
hours layover in Los Angeles than the

130
00:06:47,940 --> 00:06:44,270
overnight flight back to Sydney and it

131
00:06:50,980 --> 00:06:47,950
was as if I dreamt the whole experience

132
00:06:53,439 --> 00:06:50,990
but you know what I didn't dream this

133
00:06:56,080 --> 00:06:53,449
experience it was real

134
00:06:58,450 --> 00:06:56,090
amongst all the blur of excitement and

135
00:07:01,480 --> 00:06:58,460
running around I did manage to get some

136
00:07:03,249 --> 00:07:01,490
interviews so did dr. H E and all those

137
00:07:05,860 --> 00:07:03,259
people I didn't get to spend time with

138
00:07:07,989 --> 00:07:05,870

or only said hello quickly all those

139

00:07:10,929 --> 00:07:07,999

people I wanted to spend time with and

140

00:07:13,360 --> 00:07:10,939

have a nice long conversation I just

141

00:07:38,529 --> 00:07:13,370

didn't have the time let's make the time

142

00:07:40,390 --> 00:07:38,539

next year I can't wait for Tam 10 dr.

143

00:07:42,939 --> 00:07:40,400

Neil deGrasse Tyson is an American

144

00:07:45,189 --> 00:07:42,949

astrophysicist science communicator and

145

00:07:47,860 --> 00:07:45,199

the Frederick P Rose director at the

146

00:07:49,989 --> 00:07:47,870

Hayden Planetarium at the Rose Center

147

00:07:51,820 --> 00:07:49,999

for Earth and space and a research

148

00:07:54,519 --> 00:07:51,830

associate of the Department of

149

00:07:58,329 --> 00:07:54,529

astrophysics at the American Museum of

150

00:08:01,570 --> 00:07:58,339

Natural History Wow he's also a very

151
00:08:05,529 --> 00:08:01,580
popular television science communicator

152
00:08:06,999 --> 00:08:05,539
has seen on Nova on PBS I was lucky

153
00:08:17,089 --> 00:08:07,009
enough to catch up with dr. Neil

154
00:08:21,510 --> 00:08:19,230
and now I'm delighted to say we are

155
00:08:22,950 --> 00:08:21,520
speaking with dr. Neil deGrasse Tyson

156
00:08:25,020 --> 00:08:22,960
now what a pleasure it is to see you

157
00:08:27,540 --> 00:08:25,030
here in tam Las Vegas thanks for having

158
00:08:29,670 --> 00:08:27,550
me thanks we absolutely my dive into

159
00:08:32,040 --> 00:08:29,680
Australia but I think it's on my

160
00:08:34,769 --> 00:08:32,050
schedule this coming fall really yeah

161
00:08:36,839 --> 00:08:34,779
really I'm Bob that i'll be speaking a

162
00:08:38,759 --> 00:08:36,849
big thing i think it's called big thing

163
00:08:41,610 --> 00:08:38,769

big think i think that's what it's all

164

00:08:43,519 --> 00:08:41,620

are you going to thank Martha think big

165

00:08:47,790 --> 00:08:43,529

adventure if you're thinking Thank big

166

00:08:50,519 --> 00:08:47,800

I've you probably familiar we may have a

167

00:08:52,050 --> 00:08:50,529

mutual friend in dr phil plait yes the

168

00:08:54,769 --> 00:08:52,060

bad astronomer and he was in Australia

169

00:09:00,150 --> 00:08:54,779

or number of years ago the bad is drawn

170

00:09:03,690 --> 00:09:00,160

say it right I was my pleasure to show

171

00:09:05,430 --> 00:09:03,700

him the Magellanic Clouds and he had a

172

00:09:08,540 --> 00:09:05,440

quite an emotional experience to

173

00:09:10,740 --> 00:09:08,550

actually see them for the first time it

174

00:09:12,600 --> 00:09:10,750

shall we say in the flesh with the naked

175

00:09:13,980 --> 00:09:12,610

eye so that's something I guess you'd

176

00:09:15,389 --> 00:09:13,990

look forward to I've been in the

177

00:09:18,269 --> 00:09:15,399

southern hemisphere before but just not

178

00:09:21,139 --> 00:09:18,279

to Australia so I I've been in South

179

00:09:23,490 --> 00:09:21,149

Africa let's get you the same sky okay

180

00:09:25,170 --> 00:09:23,500

Southern Cross and all this oh yeah yeah

181

00:09:28,829 --> 00:09:25,180

yeah I think so the course is over rated

182

00:09:32,610 --> 00:09:28,839

by the way it's only four stars it's a

183

00:09:34,680 --> 00:09:32,620

rhombus people where's the star at the

184

00:09:36,030 --> 00:09:34,690

transept there is none well you see

185

00:09:41,040 --> 00:09:36,040

going to be careful now because this is

186

00:09:42,360 --> 00:09:41,050

a now national flag and is it the

187

00:09:44,189 --> 00:09:42,370

australian one or is it one of those

188

00:09:47,210 --> 00:09:44,199

flags down there cheats and puts an

189

00:09:49,800 --> 00:09:47,220

extra star I think it's the instrument

190

00:09:51,840 --> 00:09:49,810

you put an extra brighter one just to

191

00:09:54,060 --> 00:09:51,850

help it out ya see that well that's the

192

00:09:56,610 --> 00:09:54,070

confession this neat that's editing that

193

00:09:59,189 --> 00:09:56,620

before rhombus stars of the Southern

194

00:10:00,810 --> 00:09:59,199

Cross we're not working for you oh well

195

00:10:03,120 --> 00:10:00,820

I mean we you know something doesn't

196

00:10:04,590 --> 00:10:03,130

work in Australia we just make it make

197

00:10:06,689 --> 00:10:04,600

it work I didn't write back on that

198

00:10:08,610 --> 00:10:06,699

little extra bit of glitter I know what

199

00:10:10,050 --> 00:10:08,620

I'm very interested in of course oh by

200

00:10:11,699 --> 00:10:10,060

the way we're here in Vegas and the

201
00:10:14,639 --> 00:10:11,709
biggest billboards in town or the

202
00:10:17,460 --> 00:10:14,649
Thunder from Down Under I notice the the

203
00:10:19,530 --> 00:10:17,470
partially dressed men yea dance shaking

204
00:10:22,040 --> 00:10:19,540
their stuff in front of women yeah

205
00:10:27,680 --> 00:10:22,050
that I've been working out the sudden

206
00:10:30,060 --> 00:10:27,690
you have some ways I think right now

207
00:10:31,829 --> 00:10:30,070
you're very well known here in the

208
00:10:35,040 --> 00:10:31,839
states of course for your television

209
00:10:37,559 --> 00:10:35,050
outreach and I think you're on do things

210
00:10:40,230 --> 00:10:37,569
for Nova if I'm if I'm not yeah PBS nova

211
00:10:42,870 --> 00:10:40,240
PBS nova of course they're very well

212
00:10:45,569 --> 00:10:42,880
respected institution yes in American

213
00:10:48,240 --> 00:10:45,579

life movie we don't have in science

214

00:10:50,040 --> 00:10:48,250

education as well absolutely we don't

215

00:10:51,960 --> 00:10:50,050

have quite the same thing in Australia

216

00:10:53,819 --> 00:10:51,970

we have a national broadcaster which is

217

00:10:58,170 --> 00:10:53,829

run by the government which does carry

218

00:11:01,290 --> 00:10:58,180

some of PBS programming but what

219

00:11:03,600 --> 00:11:01,300

intrigues me is a man in your position

220

00:11:05,910 --> 00:11:03,610

being able to do that is that a

221

00:11:09,389 --> 00:11:05,920

particular joy in life at particular

222

00:11:11,759 --> 00:11:09,399

thrill I contrary to what it might look

223

00:11:13,889 --> 00:11:11,769

like or what people would want to

224

00:11:17,009 --> 00:11:13,899

believe when given the choice I'd rather

225

00:11:20,129 --> 00:11:17,019

just stay home and play with my kids so

226

00:11:22,350 --> 00:11:20,139

this anytime I'm seen in public in this

227

00:11:25,319 --> 00:11:22,360

way either on television and or giving

228

00:11:28,650 --> 00:11:25,329

talks it's not so much that I seek it

229

00:11:32,910 --> 00:11:28,660

out it's that I'm a servant of the

230

00:11:37,019 --> 00:11:32,920

public's appetite for the cosmos and I

231

00:11:40,170 --> 00:11:37,029

get called upon and so I I serve that

232

00:11:42,090 --> 00:11:40,180

need right I'm not actually seeking it

233

00:11:43,769 --> 00:11:42,100

out I'd rather stay home and write my

234

00:11:47,040 --> 00:11:43,779

next book for example would be research

235

00:11:49,470 --> 00:11:47,050

really play with the kids and go out

236

00:11:52,699 --> 00:11:49,480

with the wife yeah to Broadway you know

237

00:11:59,759 --> 00:11:52,709

this sort of thing I'm the family guy so

238

00:12:01,500 --> 00:11:59,769

the primarily and so the the time that

239

00:12:04,290 --> 00:12:01,510

it takes away from my family when I'm

240

00:12:08,910 --> 00:12:04,300

traveling to give talks it's because

241

00:12:12,840 --> 00:12:08,920

there's a pressing need for Society for

242

00:12:14,970 --> 00:12:12,850

the region for the group and so in like

243

00:12:18,569 --> 00:12:14,980

as I said in that sense I'm a servant

244

00:12:20,879 --> 00:12:18,579

yes yes and when I'm called upon it then

245

00:12:22,170 --> 00:12:20,889

I try to be the best i can write it

246

00:12:24,120 --> 00:12:22,180

doesn't matter that I'd rather be home

247

00:12:26,069 --> 00:12:24,130

if I'm out there doing it I'm going to

248

00:12:28,860 --> 00:12:26,079

try to be as good at that as I can

249

00:12:31,680 --> 00:12:28,870

possibly be and that involves primarily

250

00:12:36,480 --> 00:12:31,690

something that I think many people

251

00:12:38,520 --> 00:12:36,490

don't invest time in is reflecting on

252

00:12:40,920 --> 00:12:38,530

what's going on in the mind the person

253

00:12:42,300 --> 00:12:40,930

you're communicating with and I can see

254

00:12:46,620 --> 00:12:42,310

a part that's what distinguishes a

255

00:12:49,200 --> 00:12:46,630

lecture from a lecturer from a

256

00:12:50,910 --> 00:12:49,210

communicator a lecturer you walk in with

257

00:12:52,800 --> 00:12:50,920

your lesson plan and you just deliver it

258

00:12:54,570 --> 00:12:52,810

yeah and they either get it or they

259

00:12:57,330 --> 00:12:54,580

don't it could be a video right could be

260

00:12:59,910 --> 00:12:57,340

any anything yeah all right but there's

261

00:13:03,750 --> 00:12:59,920

no premise that that presentation is

262

00:13:06,810 --> 00:13:03,760

thinking about how you might be learning

263

00:13:08,160 --> 00:13:06,820

that material now there are people who

264

00:13:09,360 --> 00:13:08,170

are good learners out there and it

265

00:13:11,580 --> 00:13:09,370

doesn't matter who's presenting the

266

00:13:13,830 --> 00:13:11,590

material they'll get it these are the

267

00:13:16,790 --> 00:13:13,840

straight-a students they got straight

268

00:13:19,650 --> 00:13:16,800

A's because the teaching abilities

269

00:13:20,910 --> 00:13:19,660

didn't matter in their grade if it did

270

00:13:22,830 --> 00:13:20,920

they get higher grades for the better

271

00:13:25,050 --> 00:13:22,840

teachers and lower grades for the lesser

272

00:13:27,770 --> 00:13:25,060

teacher but they get straight A's no

273

00:13:31,770 --> 00:13:27,780

matter who's teaching them so that as a

274

00:13:33,990 --> 00:13:31,780

factor it illuminates the fact that some

275

00:13:36,300 --> 00:13:34,000

people learn on their own and don't

276

00:13:38,400 --> 00:13:36,310

really need much help that's true it but

277

00:13:41,700 --> 00:13:38,410

it's the rest of everyone else where the

278

00:13:46,350 --> 00:13:41,710

quality of the teaching matters and in

279

00:13:48,420 --> 00:13:46,360

that realm and that regime I think long

280

00:13:50,400 --> 00:13:48,430

and hard about who my audience is and

281

00:13:52,290 --> 00:13:50,410

how they think and what matters to them

282

00:13:55,290 --> 00:13:52,300

and how much TV do they watch and what

283

00:13:56,850 --> 00:13:55,300

movies might they have seen and are they

284

00:14:01,230 --> 00:13:56,860

wealthy are they impoverished are they

285

00:14:03,660 --> 00:14:01,240

oppressed are they entitled are they you

286

00:14:05,820 --> 00:14:03,670

know what is the slice of demographics

287

00:14:08,940 --> 00:14:05,830

that they represent and then I bring all

288

00:14:11,550 --> 00:14:08,950

that I know to bear on that specific

289

00:14:13,890 --> 00:14:11,560

slice and some of that is trial and

290

00:14:16,650 --> 00:14:13,900

error I might be explaining the universe

291

00:14:18,540 --> 00:14:16,660

and I'll be monitoring the person

292

00:14:21,360 --> 00:14:18,550

whether the person smiles or raises

293

00:14:23,670 --> 00:14:21,370

their eyebrows or looks interested and

294

00:14:26,940 --> 00:14:23,680

wants to hear more I'm making mental

295

00:14:28,710 --> 00:14:26,950

notes of the words I was using the

296

00:14:31,320 --> 00:14:28,720

phrases I was putting together the

297

00:14:33,210 --> 00:14:31,330

sentences I was uttering to see the

298

00:14:35,910 --> 00:14:33,220

causes and effects of their facial

299

00:14:37,860 --> 00:14:35,920

reactions to what I said like mine rhyme

300

00:14:39,810 --> 00:14:37,870

no doubt oh sure oh yeah yeah yeah yeah

301
00:14:41,670 --> 00:14:39,820
I know you have a wry smile when you

302
00:14:44,759 --> 00:14:41,680
said when I'm explaining the universal

303
00:14:46,740 --> 00:14:44,769
do you know of course so that so that

304
00:14:49,259 --> 00:14:46,750
matters and I think it doesn't matter to

305
00:14:50,639 --> 00:14:49,269
enough people out there who would want

306
00:14:55,590 --> 00:14:50,649
to count themselves among the ranks of

307
00:15:01,379 --> 00:14:55,600
educator now how does that then impact

308
00:15:03,389 --> 00:15:01,389
or shall I say sway or make you think

309
00:15:05,129 --> 00:15:03,399
hot about your television presentation

310
00:15:07,920 --> 00:15:05,139
television was very hard for me because

311
00:15:10,769 --> 00:15:07,930
there is no audience that you can see I

312
00:15:13,920 --> 00:15:10,779
had to transition from delivering

313
00:15:18,480 --> 00:15:13,930

lectures to roomfuls of people where you

314

00:15:20,639 --> 00:15:18,490

can see the reaction to what you're

315

00:15:23,939 --> 00:15:20,649

saying monitor it and make mid-course

316

00:15:27,120 --> 00:15:23,949

adjustments yes as necessary a TV camera

317

00:15:30,180 --> 00:15:27,130

offers no such feedback yeah and so I

318

00:15:32,759 --> 00:15:30,190

had to have enough experience thinking

319

00:15:37,410 --> 00:15:32,769

about how they would react and then

320

00:15:41,060 --> 00:15:37,420

deliver that content to TV camera yeah

321

00:15:44,400 --> 00:15:41,070

so it I have to trust my sense of it

322

00:15:47,069 --> 00:15:44,410

before I take those steps and I'd rather

323

00:15:49,889 --> 00:15:47,079

have it staring at me in the face it's

324

00:15:52,500 --> 00:15:49,899

more advil confidence that way I can

325

00:15:55,130 --> 00:15:52,510

really understand that right so the so

326

00:16:00,630 --> 00:15:55,140

TV it's a different medium I actually

327

00:16:02,689 --> 00:16:00,640

agreed to do a 12-part course in

328

00:16:04,560 --> 00:16:02,699

astrophysics called my favorite universe

329

00:16:08,040 --> 00:16:04,570

for what's called the Teaching Company

330

00:16:09,360 --> 00:16:08,050

it it's an audio-video course you'd

331

00:16:11,670 --> 00:16:09,370

listen to it or watch it you know while

332

00:16:13,199 --> 00:16:11,680

you're you know cooking dinner or

333

00:16:15,689 --> 00:16:13,209

something it's a way to continue your

334

00:16:17,809 --> 00:16:15,699

educational trajectory and it's not and

335

00:16:21,930 --> 00:16:17,819

I gave a very short course only 12

336

00:16:26,490 --> 00:16:21,940

classes they record professors giving

337

00:16:29,400 --> 00:16:26,500

you know 60 you know yeah 8090 classes

338

00:16:31,460 --> 00:16:29,410

and it's a way as an adult to continue

339

00:16:36,139 --> 00:16:31,470

to educate yourself in all branches of

340

00:16:39,829 --> 00:16:36,149

academic study I agree to do that as a

341

00:16:43,350 --> 00:16:39,839

stepping stone between lecturing to

342

00:16:44,750 --> 00:16:43,360

lecture halls and delivering like talks

343

00:16:46,520 --> 00:16:44,760

to a camera

344

00:16:48,260 --> 00:16:46,530

thing right because in that they

345

00:16:49,880 --> 00:16:48,270

actually was that a cute little system

346

00:16:51,350 --> 00:16:49,890

where when you're delivering your talks

347

00:16:53,870 --> 00:16:51,360

they don't film you in a real classroom

348

00:16:55,880 --> 00:16:53,880

they film you in a studio but they're

349

00:16:58,040 --> 00:16:55,890

three or four chairs in that studio and

350

00:17:00,140 --> 00:16:58,050

as employees of the company you can sign

351

00:17:02,390 --> 00:17:00,150

up and be in the audience of the

352

00:17:03,920 --> 00:17:02,400

subjects that you like the most and so

353

00:17:05,930 --> 00:17:03,930

there's a middle there's a little bit of

354

00:17:08,000 --> 00:17:05,940

an audience there to help me transition

355

00:17:10,130 --> 00:17:08,010

okay and I think I make great strides in

356

00:17:12,470 --> 00:17:10,140

that that helped me look at a camera

357

00:17:14,449 --> 00:17:12,480

lens and be comfortable doing so that's

358

00:17:16,010 --> 00:17:14,459

that's very interesting here and of

359

00:17:19,250 --> 00:17:16,020

course there's always the danger that

360

00:17:22,280 --> 00:17:19,260

you'll get gushing feedback when you do

361

00:17:23,900 --> 00:17:22,290

TV and sometimes you have to wonder your

362

00:17:25,550 --> 00:17:23,910

self or people are just happy or excited

363

00:17:28,250 --> 00:17:25,560

because they're meeting something on

364

00:17:31,820 --> 00:17:28,260

television or they they really felt and

365

00:17:36,830 --> 00:17:31,830

learn and gain from yeah I have mild

366

00:17:39,710 --> 00:17:36,840

statistics on that it's easy to it's

367

00:17:41,810 --> 00:17:39,720

more polite to comment that you like

368

00:17:45,590 --> 00:17:41,820

something yeah I meant that it sucks yes

369

00:17:47,450 --> 00:17:45,600

so the data are biased towards you

370

00:17:49,700 --> 00:17:47,460

thinking that you did a good job yeah

371

00:17:52,280 --> 00:17:49,710

yeah in anything you do it's biased and

372

00:17:59,530 --> 00:17:52,290

it's a politeness bias you want to call

373

00:18:02,720 --> 00:17:59,540

it that and in so I try to always have a

374

00:18:04,640 --> 00:18:02,730

self-assessment that's more severe than

375

00:18:09,650 --> 00:18:04,650

what anyone else would levy on to me

376

00:18:11,420 --> 00:18:09,660

yeah and in that way if I feel I did

377

00:18:14,030 --> 00:18:11,430

something good every it's really good

378

00:18:16,070 --> 00:18:14,040

all right whereas just because someone

379

00:18:18,890 --> 00:18:16,080

else tells me it's good that's not for

380

00:18:21,020 --> 00:18:18,900

me to measure that it's good yeah I if

381

00:18:22,520 --> 00:18:21,030

I'm more strict than everybody else then

382

00:18:25,280 --> 00:18:22,530

all I have to do satisfy myself and I'll

383

00:18:28,520 --> 00:18:25,290

know I'm doing well do you find that

384

00:18:31,040 --> 00:18:28,530

you've been getting good feedback

385

00:18:32,630 --> 00:18:31,050

generally from from the audience not

386

00:18:35,630 --> 00:18:32,640

from the executives not from the

387

00:18:38,300 --> 00:18:35,640

internet and the era of Twitter because

388

00:18:40,970 --> 00:18:38,310

I've have a Twitter stream in the last

389

00:18:43,610 --> 00:18:40,980

year and a half two years when I finally

390

00:18:47,330 --> 00:18:43,620

figured out how and why I should use

391

00:18:49,190 --> 00:18:47,340

Twitter yes I tweet little cosmic

392

00:18:50,960 --> 00:18:49,200

tidbits and I see people's reactions to

393

00:18:53,149 --> 00:18:50,970

them I don't tweet what I'm having for

394

00:18:57,899 --> 00:18:53,159

breakfast yes in the park now

395

00:19:00,239 --> 00:18:57,909

Lucy Harry Potter who's game no I'm an

396

00:19:02,940 --> 00:19:00,249

educator I'm a scientist I've got stuff

397

00:19:04,560 --> 00:19:02,950

to say about the universe and so that's

398

00:19:06,299 --> 00:19:04,570

what I started doing and I watch

399

00:19:08,279 --> 00:19:06,309

people's reactions depending on the

400

00:19:11,940 --> 00:19:08,289

nature of the information and how it was

401
00:19:14,460 --> 00:19:11,950
presented so they have q's into what

402
00:19:15,749 --> 00:19:14,470
excites people and what does not well

403
00:19:20,220 --> 00:19:15,759
what excites them in one way versus

404
00:19:22,409 --> 00:19:20,230
another in the era of the Twitter my

405
00:19:23,970 --> 00:19:22,419
Twitter stream I feel that when I'm in

406
00:19:27,180 --> 00:19:23,980
front of an audience I am deeply

407
00:19:30,720 --> 00:19:27,190
connected to their to their emotions to

408
00:19:34,889 --> 00:19:30,730
to their feelings to their to their

409
00:19:36,720 --> 00:19:34,899
sense of awareness knowledge and

410
00:19:40,739 --> 00:19:36,730
appreciation the material there they're

411
00:19:43,590 --> 00:19:40,749
being that I'm sharing with them so it

412
00:19:46,379 --> 00:19:43,600
was simply extended my access into the

413
00:19:48,210 --> 00:19:46,389

mind of the listener that's interesting

414

00:19:50,310 --> 00:19:48,220

yes interest and again is that feedback

415

00:19:52,859 --> 00:19:50,320

to feed us very very twitter is

416

00:19:55,619 --> 00:19:52,869

instantaneous oh it is yeah even when I

417

00:19:57,720 --> 00:19:55,629

put it where I had for lunch I know what

418

00:19:59,190 --> 00:19:57,730

I wish to have for lunch well I think

419

00:20:01,649 --> 00:19:59,200

we're getting the hard it was a very

420

00:20:05,070 --> 00:20:01,659

tight afternoon here yeah it is it's

421

00:20:07,049 --> 00:20:05,080

you're a man as much in demand I dr.

422

00:20:08,639 --> 00:20:07,059

Neil deGrasse Tyson water other pleasure

423

00:20:10,889 --> 00:20:08,649

was too well thank you a quick chat with

424

00:20:12,690 --> 00:20:10,899

you thank you and and like i said i'll

425

00:20:14,609 --> 00:20:12,700

be in australia by for my first time

426

00:20:16,320 --> 00:20:14,619

this fall and we look forward look

427

00:20:18,960 --> 00:20:16,330

forward to seeing you guys believe that

428

00:20:28,840 --> 00:20:18,970

the Thunder from Down Under folks here

429

00:20:37,370 --> 00:20:33,500

this is an EVP I recorded last night how

430

00:20:39,200 --> 00:20:37,380

you doing I'm a ghost what's up you guys

431

00:20:43,520 --> 00:20:39,210

can't possibly ignore that type of it

432

00:20:44,990 --> 00:20:43,530

who are you we're doing my EVPs of the

433

00:20:47,000 --> 00:20:45,000

result of pareidolia I'm cross

434

00:20:49,160 --> 00:20:47,010

modulation combined with the listeners

435

00:20:53,210 --> 00:20:49,170

hopes and expectations what does this

436

00:20:57,020 --> 00:20:53,220

have to do with science I you could just

437

00:21:01,030 --> 00:20:57,030

got skeptically phone well go see you

438

00:21:14,680 --> 00:21:04,270

skeptically poems jaja wear sunscreen

439

00:21:17,020 --> 00:21:14,690

day it's in the next it's Saturday here

440

00:21:20,230 --> 00:21:17,030

at tam las vegas and i'm at least and

441

00:21:22,540 --> 00:21:20,240

this table of skip tied with brian

442

00:21:25,960 --> 00:21:22,550

dunning i'm brian dunning from skeptic

443

00:21:27,940 --> 00:21:25,970

calm you see I don't lie and I'm with

444

00:21:29,980 --> 00:21:27,950

travis roy hi Travis hey how's it going

445

00:21:32,190 --> 00:21:29,990

Richard I'm doing pretty good now I

446

00:21:34,750 --> 00:21:32,200

wanted to catch up with you because you

447

00:21:36,250 --> 00:21:34,760

had some interesting success lately when

448

00:21:38,080 --> 00:21:36,260

the sort of a protest you were involved

449

00:21:40,720 --> 00:21:38,090

with can you tell listeners about that

450

00:21:43,210 --> 00:21:40,730

yeah of course um we were alerted by one

451
00:21:44,440 --> 00:21:43,220
of our co-founders that John Edward was

452
00:21:46,840 --> 00:21:44,450
going to be doing a performance in

453
00:21:50,380 --> 00:21:46,850
Manchester New Hampshire and we worked

454
00:21:53,290 --> 00:21:50,390
with the venue the Palace Theater to do

455
00:21:56,050 --> 00:21:53,300
a protest and what we did was as people

456
00:21:59,110 --> 00:21:56,060
went in to go see the show we gave them

457
00:22:02,410 --> 00:21:59,120
a psychic bingo card and it had a list

458
00:22:04,630 --> 00:22:02,420
of common cold reading terms and they

459
00:22:05,890 --> 00:22:04,640
were what we did was we told them that

460
00:22:08,080 --> 00:22:05,900
it was to help them remember what was

461
00:22:11,980 --> 00:22:08,090
said during the show right it was an

462
00:22:14,950 --> 00:22:11,990
800-seat theater and we handed out over

463
00:22:17,320 --> 00:22:14,960

500 bingo cards so we didn't actually

464

00:22:20,080 --> 00:22:17,330

find out if anybody if John Edward

465

00:22:23,110 --> 00:22:20,090

noticed or if anybody yelled bingo or if

466

00:22:25,180 --> 00:22:23,120

anything happened but we we assume that

467

00:22:28,290 --> 00:22:25,190

he had to have noticed because it was

468

00:22:30,610 --> 00:22:28,300

just too large of a percentage of people

469

00:22:34,210 --> 00:22:30,620

then we went and got dinner and then

470

00:22:35,980 --> 00:22:34,220

after we had these rational guide to

471

00:22:38,260 --> 00:22:35,990

psychic pamphlets that we were handing

472

00:22:40,200 --> 00:22:38,270

out and it went really well we actually

473

00:22:43,350 --> 00:22:40,210

had people that came out after the show

474

00:22:47,049 --> 00:22:43,360

looking for us and talked to us about

475

00:22:48,960 --> 00:22:47,059

what what happened in the show and

476

00:22:51,700 --> 00:22:48,970

about cold reading and things like that

477

00:22:53,560 --> 00:22:51,710

Dale my wife and the vice president of

478

00:22:54,940 --> 00:22:53,570

Granite State skeptics she got into a

479

00:22:58,029 --> 00:22:54,950

little bit of an altercation with one

480

00:23:00,940 --> 00:22:58,039

person where they told her that she was

481

00:23:04,239 --> 00:23:00,950

stupid and to go protest animal cruelty

482

00:23:06,190 --> 00:23:04,249

what's the harm in this but other than

483

00:23:08,529 --> 00:23:06,200

that it was it was a really big success

484

00:23:10,690 --> 00:23:08,539

and you've got some media attention I

485

00:23:13,090 --> 00:23:10,700

understand yes another one of our

486

00:23:15,340 --> 00:23:13,100

members is a writer for the national

487

00:23:18,039 --> 00:23:15,350

Telegraph which is a smaller newspaper

488

00:23:20,139 --> 00:23:18,049

and he had one of the reporters come and

489

00:23:21,850 --> 00:23:20,149

interview us and we actually made the

490

00:23:24,100 --> 00:23:21,860

bottom half of the front page of the

491

00:23:27,220 --> 00:23:24,110

newspaper when test yes it went really

492

00:23:29,350 --> 00:23:27,230

really well yeah so I know that was also

493

00:23:30,580 --> 00:23:29,360

mentioned online there's a link where

494

00:23:33,369 --> 00:23:30,590

can people go to find out more about

495

00:23:36,460 --> 00:23:33,379

this activity if they go to Granite

496

00:23:38,619 --> 00:23:36,470

State skeptics org we have a story about

497

00:23:40,659 --> 00:23:38,629

everything we did and further details

498

00:23:44,109 --> 00:23:40,669

and I link to the national Telegraph

499

00:23:46,480 --> 00:23:44,119

stories congratulations Travis skeptical

500

00:23:55,460 --> 00:23:46,490

activism that's the luck that's what we

501
00:24:00,120 --> 00:23:58,320
hey guys this is jay from the skeptics

502
00:24:02,910 --> 00:24:00,130
guide to the universe er well held on

503
00:24:04,680 --> 00:24:02,920
whoa everybody knows I'm the only reason

504
00:24:05,880 --> 00:24:04,690
to listen to the Freak Show right I mean

505
00:24:12,600 --> 00:24:05,890
it was up to me the show would start

506
00:24:14,520 --> 00:24:12,610
with this yeah boy well Rebecca would

507
00:24:16,230 --> 00:24:14,530
hate that probably but I mean I'd rock

508
00:24:17,250 --> 00:24:16,240
that listen to our show and you can

509
00:24:18,960 --> 00:24:17,260
learn about cool stuff like a

510
00:24:20,700 --> 00:24:18,970
technological singularity which is

511
00:24:22,230 --> 00:24:20,710
someday when technology progresses so

512
00:24:23,580 --> 00:24:22,240
fast that it would make the Industrial

513
00:24:26,640 --> 00:24:23,590

Revolution look like a kid science

514

00:24:39,660 --> 00:24:26,650

project anyway come check us out at WWDC

515

00:24:42,750 --> 00:24:39,670

epic sky org get your son now it's time

516

00:24:47,640 --> 00:24:42,760

for dr. Rachel reports with dr. Rachel

517

00:24:50,310 --> 00:24:47,650

Dunlop i'm here at tam nine in las vegas

518

00:24:52,710 --> 00:24:50,320

and with me now is young men change some

519

00:24:55,110 --> 00:24:52,720

of you may know him from Survivor but

520

00:24:57,540 --> 00:24:55,120

he's not just a TV star he's got a lot

521

00:24:59,790 --> 00:24:57,550

of other stuff going on hi Yemen hi nice

522

00:25:02,370 --> 00:24:59,800

to meet you finally nice to meet you too

523

00:25:04,650 --> 00:25:02,380

listening to you on the skeptic zone for

524

00:25:06,300 --> 00:25:04,660

so many years and finally I get to meet

525

00:25:08,250 --> 00:25:06,310

you in person and talk to you well

526
00:25:09,840 --> 00:25:08,260
that's been watching you on TV for years

527
00:25:11,640 --> 00:25:09,850
so it's really cool to meet you as well

528
00:25:14,340 --> 00:25:11,650
so you were one of my favorite

529
00:25:16,860 --> 00:25:14,350
characters in Survivor characters pit

530
00:25:18,180 --> 00:25:16,870
people but before we get into that let's

531
00:25:20,340 --> 00:25:18,190
just talk a little bit about your

532
00:25:23,100 --> 00:25:20,350
background because you're actually you

533
00:25:25,260 --> 00:25:23,110
have a life outside of being survivor do

534
00:25:28,410 --> 00:25:25,270
you work in ite can you tell us a little

535
00:25:30,660 --> 00:25:28,420
bit about what yes my actual formal

536
00:25:34,230 --> 00:25:30,670
training was in physics i got my degree

537
00:25:37,830 --> 00:25:34,240
in physics at MIT and a graduate degree

538
00:25:40,410 --> 00:25:37,840

in scientific instrumentation but in the

539

00:25:42,180 --> 00:25:40,420

time of the in the 80s and so on and the

540

00:25:45,180 --> 00:25:42,190

rise of the network i saw the switch to

541

00:25:47,490 --> 00:25:45,190

computers and network and now i am the

542

00:25:48,870 --> 00:25:47,500

chief technology officer for the college

543

00:25:51,300 --> 00:25:48,880

of chemistry at the university of

544

00:25:53,280 --> 00:25:51,310

california berkeley so i'm basically the

545

00:25:54,740 --> 00:25:53,290

head geek for the cause of chemistry the

546

00:25:57,870 --> 00:25:54,750

head gate

547

00:26:00,270 --> 00:25:57,880

so you actually you were kind of

548

00:26:02,580 --> 00:26:00,280

portrayed as the geek in survival with

549

00:26:04,290 --> 00:26:02,590

you because you were in two series one

550

00:26:07,830 --> 00:26:04,300

was micronesia that was the first one

551
00:26:10,080 --> 00:26:07,840
and then fans vs. no I was in let's see

552
00:26:12,090 --> 00:26:10,090
the first season I was in Fiji alpha by

553
00:26:14,030 --> 00:26:12,100
the fuji and then the and then i was

554
00:26:17,190 --> 00:26:14,040
called back a year later offense vs.

555
00:26:20,850 --> 00:26:17,200
favors which was on filmed on micronesia

556
00:26:22,530 --> 00:26:20,860
pull out I love flowers so tell us a

557
00:26:24,900 --> 00:26:22,540
little bit about the process how do you

558
00:26:26,730 --> 00:26:24,910
actually apply to get into survivor well

559
00:26:29,550 --> 00:26:26,740
I was one of the fortunate people who

560
00:26:32,010 --> 00:26:29,560
got recruited many of the cast members

561
00:26:34,080 --> 00:26:32,020
that we could it because for a show like

562
00:26:36,870 --> 00:26:34,090
survivor to be interesting they need a

563
00:26:38,820 --> 00:26:36,880

combination of characters a lot of

564

00:26:40,680 --> 00:26:38,830

people who apply to this shows are like

565

00:26:43,560 --> 00:26:40,690

20 something like mail from the Midwest

566

00:26:46,230 --> 00:26:43,570

of the US and so they needed diversity

567

00:26:48,630 --> 00:26:46,240

in older people they need agents and so

568

00:26:51,960 --> 00:26:48,640

on so being an older asian they got two

569

00:26:56,460 --> 00:26:51,970

for one then when they got me so I was

570

00:26:59,550 --> 00:26:56,470

approached by a producer who asked me if

571

00:27:01,620 --> 00:26:59,560

I interested if I know anything about

572

00:27:04,710 --> 00:27:01,630

survivor and I say yeah but I don't

573

00:27:06,030 --> 00:27:04,720

watch TV very much but I I didn't watch

574

00:27:08,490 --> 00:27:06,040

the first season because it was still

575

00:27:10,830 --> 00:27:08,500

either born you and I grew up in Borneo

576
00:27:13,590 --> 00:27:10,840
so she got very interested and call me

577
00:27:16,310 --> 00:27:13,600
back a few times and I got on so I'm

578
00:27:18,420 --> 00:27:16,320
very fortunate so what's the process of

579
00:27:19,350 --> 00:27:18,430
before they actually let you know that

580
00:27:21,150 --> 00:27:19,360
you're on do you have to go through

581
00:27:23,040 --> 00:27:21,160
interviews and tests and what do you

582
00:27:26,130 --> 00:27:23,050
have to do here is a very extensive

583
00:27:27,720 --> 00:27:26,140
interview process so the last face of

584
00:27:29,790 --> 00:27:27,730
the interview when they're down to 50

585
00:27:32,010 --> 00:27:29,800
people just for reference they have like

586
00:27:34,680 --> 00:27:32,020
twenty to thirty thousand applicants you

587
00:27:36,690 --> 00:27:34,690
know every after every season and so

588
00:27:40,520 --> 00:27:36,700

when they down to the 50 applicants we

589

00:27:43,800 --> 00:27:40,530

were sort of sequestered in a hotel in

590

00:27:45,990 --> 00:27:43,810

santa monica california and you know

591

00:27:49,940 --> 00:27:46,000

locked in the rooms and we're called out

592

00:27:52,050 --> 00:27:49,950

for interviews and physical examination

593

00:27:53,430 --> 00:27:52,060

product and product I didn't know

594

00:27:56,010 --> 00:27:53,440

there's so many tests you can do it

595

00:27:57,690 --> 00:27:56,020

urine and blood haha they don't want you

596

00:27:59,930 --> 00:27:57,700

to die on this show right and then they

597

00:28:02,299 --> 00:27:59,940

get psychological profile testing

598

00:28:05,570 --> 00:28:02,309

so on and then to get get interview by

599

00:28:08,299 --> 00:28:05,580

Matt Burnett except executive producer

600

00:28:10,580 --> 00:28:08,309

and Jeff Probst in the handsome so you

601
00:28:13,820 --> 00:28:10,590
were one of the oldest people on the

602
00:28:16,369 --> 00:28:13,830
show at that time weren't you and so

603
00:28:17,600 --> 00:28:16,379
what is the process once you what do

604
00:28:22,310 --> 00:28:17,610
they do they just dumped you on a beach

605
00:28:23,749 --> 00:28:22,320
so well once you have been selected but

606
00:28:26,080 --> 00:28:23,759
they never tell you you're really

607
00:28:28,490 --> 00:28:26,090
selected they tell you your potential

608
00:28:31,610 --> 00:28:28,500
contestant and then a couple weeks

609
00:28:33,649 --> 00:28:31,620
before they send you off you're supposed

610
00:28:35,240 --> 00:28:33,659
to send them clothes that they will you

611
00:28:36,710 --> 00:28:35,250
know keep the ones they want you to wear

612
00:28:39,470 --> 00:28:36,720
and then they send the respect to you

613
00:28:41,419 --> 00:28:39,480

and then you airline tickets show up and

614

00:28:44,149 --> 00:28:41,429

you're supposed to unify with them to

615

00:28:45,830 --> 00:28:44,159

every Islanders and there's a staging so

616

00:28:47,899 --> 00:28:45,840

there's like three days of staging where

617

00:28:51,200 --> 00:28:47,909

you know that you get acclimated to the

618

00:28:53,899 --> 00:28:51,210

time zone and they you know we do all

619

00:28:55,909 --> 00:28:53,909

the publicity shots at that time but we

620

00:28:58,580 --> 00:28:55,919

were not allowed to talk to other

621

00:29:00,080 --> 00:28:58,590

contestants we could not even look at

622

00:29:01,369 --> 00:29:00,090

them for more than 30 seconds we are

623

00:29:03,139 --> 00:29:01,379

being yelled at and starting to be

624

00:29:04,610 --> 00:29:03,149

thrown out the show because really so

625

00:29:06,860 --> 00:29:04,620

when you saw us meeting each other

626

00:29:08,299 --> 00:29:06,870

introducing each other on the island

627

00:29:10,460 --> 00:29:08,309

that's the first time we talked to each

628

00:29:12,680 --> 00:29:10,470

other oh really even after even after

629

00:29:15,409 --> 00:29:12,690

we've spent a week with them right now

630

00:29:17,899 --> 00:29:15,419

wait so what was the he went to plow

631

00:29:19,399 --> 00:29:17,909

well what was the the situation like

632

00:29:21,769 --> 00:29:19,409

what was the beach like what do they

633

00:29:23,299 --> 00:29:21,779

give you when it's the in both the

634

00:29:24,980 --> 00:29:23,309

Fijian and philosophies and yet the

635

00:29:27,259 --> 00:29:24,990

beach is still very nice the water is

636

00:29:29,240 --> 00:29:27,269

very warm and that's why they have to do

637

00:29:33,860 --> 00:29:29,250

it in tropical island right now I still

638

00:29:35,509 --> 00:29:33,870

died for eating yeah but we were given

639

00:29:37,430 --> 00:29:35,519

two depending on how they start to sees

640

00:29:40,039 --> 00:29:37,440

himself examine the Fiji seas and we

641

00:29:41,840 --> 00:29:40,049

would just divided into two tribes one

642

00:29:44,749 --> 00:29:41,850

with everything one with nothing where

643

00:29:46,909 --> 00:29:44,759

we're just given a part in the machete a

644

00:29:50,060 --> 00:29:46,919

big knife and we're supposed to do it

645

00:29:51,919 --> 00:29:50,070

but on those Islands it's easy to

646

00:29:55,039 --> 00:29:51,929

survive really I mean their coconuts

647

00:29:57,710 --> 00:29:55,049

everywhere and there's you know protein

648

00:29:59,210 --> 00:29:57,720

this sea snails right so they know you

649

00:30:01,970 --> 00:29:59,220

won't die

650

00:30:03,770 --> 00:30:01,980

but you you grew up in Borneo you

651

00:30:05,299 --> 00:30:03,780

mentioned so that sort of tropical

652

00:30:07,340 --> 00:30:05,309

weather you're kind of used to that

653

00:30:08,930 --> 00:30:07,350

right so i did have been vantage going

654

00:30:10,970 --> 00:30:08,940

out in Borneo I got used to the weather

655

00:30:13,220 --> 00:30:10,980

I understand how to open up coconut

656

00:30:15,080 --> 00:30:13,230

without spilling all those water and so

657

00:30:16,970 --> 00:30:15,090

on yes because you were telling me last

658

00:30:18,230 --> 00:30:16,980

night that there was a particular part

659

00:30:20,570 --> 00:30:18,240

where there was a box that the

660

00:30:23,270 --> 00:30:20,580

contestants are trying to open and he

661

00:30:26,240 --> 00:30:23,280

said they tell us that so so the

662

00:30:29,060 --> 00:30:26,250

beginning of the Fiji season was that an

663

00:30:32,539 --> 00:30:29,070

airplane flew over and drop a box on the

664

00:30:34,490 --> 00:30:32,549

beach and in the box was the map to

665

00:30:36,770 --> 00:30:34,500

where the whale is and some tools to

666

00:30:38,840 --> 00:30:36,780

build a shelter and so on and all the

667

00:30:40,370 --> 00:30:38,850

big burly guys go out and try and open

668

00:30:42,110 --> 00:30:40,380

up the box what you got dropped from the

669

00:30:45,110 --> 00:30:42,120

plane of course is really well you know

670

00:30:46,700 --> 00:30:45,120

nailed together they spend what 45

671

00:30:48,500 --> 00:30:46,710

minutes trying to open on the show you

672

00:30:50,570 --> 00:30:48,510

saw them just trying a few minutes but

673

00:30:52,340 --> 00:30:50,580

in real life was like 45 minutes they

674

00:30:54,289 --> 00:30:52,350

were jumping on it like big gorillas and

675

00:30:56,360 --> 00:30:54,299

so on they never succeed and open and so

676

00:30:59,299 --> 00:30:56,370

I didn't want to say anything because

677

00:31:01,549 --> 00:30:59,309

being the older guy and I owe this guy

678

00:31:03,140 --> 00:31:01,559

in that season I know the young guys

679

00:31:04,700 --> 00:31:03,150

don't want an old guy telling them what

680

00:31:06,560 --> 00:31:04,710

to do so I just stood back and watched

681

00:31:09,529 --> 00:31:06,570

them until they gave up and said what

682

00:31:12,020 --> 00:31:09,539

can I try so I step up there and I sort

683

00:31:13,820 --> 00:31:12,030

of bang the box on the two opposite

684

00:31:16,340 --> 00:31:13,830

diagonally opposite corners on a big

685

00:31:18,590 --> 00:31:16,350

rock and the thing opened up so suddenly

686

00:31:20,570 --> 00:31:18,600

I'm the genius I go well you know isn't

687

00:31:23,450 --> 00:31:20,580

it obvious that all the expensive

688

00:31:25,130 --> 00:31:23,460

luggages luggage you can buy have their

689

00:31:29,029 --> 00:31:25,140

corners reinforced because that's the

690

00:31:31,010 --> 00:31:29,039

weak point yes so that kind of gave you

691

00:31:32,930 --> 00:31:31,020

I guess an advantage but also a

692

00:31:35,690 --> 00:31:32,940

disadvantage because then people figured

693

00:31:37,820 --> 00:31:35,700

out that you are actually smart right so

694

00:31:39,590 --> 00:31:37,830

in terms of you surviving that could

695

00:31:43,340 --> 00:31:39,600

have been a threat if that that's a trap

696

00:31:45,020 --> 00:31:43,350

but because most of the people on the in

697

00:31:47,029 --> 00:31:45,030

that season were really you know sort of

698

00:31:50,180 --> 00:31:47,039

city folks who probably haven't been to

699

00:31:54,560 --> 00:31:50,190

ever camping even and I thought that the

700

00:31:57,260 --> 00:31:54,570

way I would stay long is to be useful so

701
00:31:59,390 --> 00:31:57,270
I spent a lot of time in a boiling water

702
00:32:02,000 --> 00:31:59,400
for them cooking and you know just being

703
00:32:04,190 --> 00:32:02,010
useful and stay low when we're in the

704
00:32:06,260 --> 00:32:04,200
tribal situation where if we lose a

705
00:32:06,970 --> 00:32:06,270
challenge as a tribe you do not want to

706
00:32:09,430 --> 00:32:06,980
be [ʌh__h]

707
00:32:12,490 --> 00:32:09,440
the person who is the cost for losing

708
00:32:15,010 --> 00:32:12,500
the challenge so and making myself being

709
00:32:17,020 --> 00:32:15,020
the provider and and and just doing

710
00:32:18,909 --> 00:32:17,030
things for them then they felt that oh

711
00:32:21,039 --> 00:32:18,919
you know we should keep it around

712
00:32:23,350 --> 00:32:21,049
because he's not a threat because you

713
00:32:25,210 --> 00:32:23,360

were the nerd that everybody loved I

714

00:32:27,000 --> 00:32:25,220

mean and I guess that's why they asked

715

00:32:30,610 --> 00:32:27,010

you to come back for favorites because

716

00:32:33,280 --> 00:32:30,620

the nerd cheer squad out there watching

717

00:32:34,900 --> 00:32:33,290

you were going go yo man cuz like to say

718

00:32:37,120 --> 00:32:34,910

there were these big burly guys are like

719

00:32:39,460 --> 00:32:37,130

but you were the smart guy because he

720

00:32:41,440 --> 00:32:39,470

you apply draw I guess you applied some

721

00:32:44,440 --> 00:32:41,450

critical thinking skills to tasks to me

722

00:32:45,940 --> 00:32:44,450

yeah because I know that muscle muscle

723

00:32:48,370 --> 00:32:45,950

there's no way I could compete with

724

00:32:49,960 --> 00:32:48,380

these you know big guys and as far as

725

00:32:51,730 --> 00:32:49,970

when it comes to handsome youth and

726

00:32:55,630 --> 00:32:51,740

beauty there a lot of your beautiful

727

00:32:58,030 --> 00:32:55,640

looking women there and so I I guess the

728

00:33:00,340 --> 00:32:58,040

way I had to deal with it was was to say

729

00:33:02,080 --> 00:33:00,350

look I need to think through all these

730

00:33:03,430 --> 00:33:02,090

challenges that they look like the boot

731

00:33:05,919 --> 00:33:03,440

force but there's really not i mean

732

00:33:08,230 --> 00:33:05,929

anybody have a chance to win that if you

733

00:33:10,840 --> 00:33:08,240

just think about how to do this properly

734

00:33:12,340 --> 00:33:10,850

and apply you know signs and so on i

735

00:33:14,049 --> 00:33:12,350

could get by and i end up you know

736

00:33:15,970 --> 00:33:14,059

winning quite a lot of challenges when

737

00:33:18,280 --> 00:33:15,980

it comes to the individual challenges

738

00:33:21,220 --> 00:33:18,290

yeah but you didn't win there in the end

739

00:33:23,770 --> 00:33:21,230

digium ya know but but in the end it's

740

00:33:25,390 --> 00:33:23,780

really a social game and i didn't

741

00:33:27,909 --> 00:33:25,400

realize that that's where I made my

742

00:33:30,039 --> 00:33:27,919

mistake I went in game thinking some

743

00:33:34,000 --> 00:33:30,049

kind of game theory strategic games and

744

00:33:35,890 --> 00:33:34,010

thought strategics you know Li

745

00:33:38,350 --> 00:33:35,900

insistence on was not it really is a

746

00:33:40,210 --> 00:33:38,360

social game because in the six weeks we

747

00:33:42,010 --> 00:33:40,220

were together on the island I didn't get

748

00:33:45,039 --> 00:33:42,020

to know the people right if I have

749

00:33:47,200 --> 00:33:45,049

talked to them dig into the background

750

00:33:49,390 --> 00:33:47,210

the life and so on I would have known

751
00:33:51,610 --> 00:33:49,400
that this person I have you know so deal

752
00:33:53,880 --> 00:33:51,620
with I shouldn't trust him it turned out

753
00:33:56,860 --> 00:33:53,890
he had a very harsh life growing up

754
00:33:58,360 --> 00:33:56,870
dumpster diving for lunch for with his

755
00:34:00,730 --> 00:33:58,370
brothers and so if I've known that I

756
00:34:02,110 --> 00:34:00,740
would not have put a trust on to

757
00:34:03,850 --> 00:34:02,120
somebody like that but I didn't know

758
00:34:06,400 --> 00:34:03,860
because I was not a good social player

759
00:34:08,710 --> 00:34:06,410
and so a survivor in the end it's a

760
00:34:11,770 --> 00:34:08,720
social game hmm but you did get to the

761
00:34:16,390 --> 00:34:11,780
final three in the phage a series

762
00:34:18,220 --> 00:34:16,400
what happens and dreamed to make a deal

763
00:34:20,560 --> 00:34:18,230

with me where I gave him the truck

764

00:34:22,780 --> 00:34:20,570

earlier on that when we get to the final

765

00:34:24,399 --> 00:34:22,790

if he wins the immunity he would give it

766

00:34:26,860 --> 00:34:24,409

to me while he went back on his words

767

00:34:29,380 --> 00:34:26,870

and don't give me back the try not know

768

00:34:31,210 --> 00:34:29,390

he did it in good faith and you know

769

00:34:34,320 --> 00:34:31,220

they voted me out but that's all right

770

00:34:39,040 --> 00:34:34,330

but there was a big gas guzzler anyway

771

00:34:40,419 --> 00:34:39,050

so when you got back um you you now have

772

00:34:42,149 --> 00:34:40,429

a connection with brian dunning which I

773

00:34:44,919 --> 00:34:42,159

guess is kind of why you're here yes

774

00:34:46,960 --> 00:34:44,929

three escaped ologist how did you get

775

00:34:50,590 --> 00:34:46,970

involved well I have been listening to

776

00:34:52,899 --> 00:34:50,600

the sceptile podcast for a while so when

777

00:34:54,340 --> 00:34:52,909

I came back to the filming it's over six

778

00:34:56,530 --> 00:34:54,350

weeks period so I've been away for six

779

00:34:58,600 --> 00:34:56,540

weeks and when I came back the first

780

00:35:01,840 --> 00:34:58,610

thing I do is catch up on all the you

781

00:35:05,170 --> 00:35:01,850

know SGU and sceptile podcast and so on

782

00:35:07,360 --> 00:35:05,180

so and in one of the podcast Brian

783

00:35:10,930 --> 00:35:07,370

Dunning was talking about trying to do a

784

00:35:13,090 --> 00:35:10,940

movie and he was recruiting for you know

785

00:35:15,880 --> 00:35:13,100

physicists engineers and so on to help

786

00:35:18,190 --> 00:35:15,890

him out and so I wrote him I said you

787

00:35:20,530 --> 00:35:18,200

know I did not say that I'm a survivor I

788

00:35:22,420 --> 00:35:20,540

just said you know I heard from the

789

00:35:24,400 --> 00:35:22,430

skeptic podcast that you're looking so I

790

00:35:25,990 --> 00:35:24,410

gave him my qualification at the degree

791

00:35:28,390 --> 00:35:26,000

in physics at MIT I work as an

792

00:35:30,250 --> 00:35:28,400

instrumentation engineer and so on and

793

00:35:33,640 --> 00:35:30,260

so it turned out that Brian Dunning it's

794

00:35:36,160 --> 00:35:33,650

a huge survivor fan oh really and he he

795

00:35:37,900 --> 00:35:36,170

wasn't sure is really for me right so he

796

00:35:41,440 --> 00:35:37,910

actually called me and say is this

797

00:35:44,410 --> 00:35:41,450

really humid it is and he's I'm a huge

798

00:35:46,360 --> 00:35:44,420

fan is also so he gave me a topic but i

799

00:35:48,010 --> 00:35:46,370

still have to have you do an audition so

800

00:35:51,640 --> 00:35:48,020

he asked me to do an audition and say

801
00:35:52,990 --> 00:35:51,650
send me a three-minute tape of you i'll

802
00:35:55,000 --> 00:35:53,000
give you a subject in the subject he

803
00:35:57,940 --> 00:35:55,010
gave me was ok tell me everything about

804
00:36:00,250 --> 00:35:57,950
you know the evils of your radiation

805
00:36:01,750 --> 00:36:00,260
from your cell phone so i did a three

806
00:36:02,790 --> 00:36:01,760
minute thing about you know cell phones

807
00:36:05,940 --> 00:36:02,800
non-ionizing

808
00:36:07,020 --> 00:36:05,950
really not a big deal and in twist and I

809
00:36:08,880 --> 00:36:07,030
said yeah but you know there is

810
00:36:10,320 --> 00:36:08,890
something you need to worry about your

811
00:36:12,720 --> 00:36:10,330
cell phones that make sure you have the

812
00:36:15,360 --> 00:36:12,730
proper calling plan otherwise you have a

813
00:36:18,000 --> 00:36:15,370

huge pain in your wallet at the monster

814

00:36:21,060 --> 00:36:18,010

anyway so I you know I was asked to join

815

00:36:22,560 --> 00:36:21,070

the cast apologist and so what is

816

00:36:24,630 --> 00:36:22,570

happening with khattala gist is not

817

00:36:27,450 --> 00:36:24,640

being picked up isn't yes it's very

818

00:36:29,370 --> 00:36:27,460

difficult to to get a show on I mean the

819

00:36:33,540 --> 00:36:29,380

hundreds of thousands of shows people

820

00:36:35,580 --> 00:36:33,550

are pitching and so at this time they

821

00:36:37,950 --> 00:36:35,590

have given up pitching the show to

822

00:36:41,610 --> 00:36:37,960

commercial TV so they're looking at

823

00:36:43,980 --> 00:36:41,620

trying to pitch it to public

824

00:36:46,230 --> 00:36:43,990

broadcasting PBS so their time to write

825

00:36:49,470 --> 00:36:46,240

grand so shows on PBS have to have you

826

00:36:51,360 --> 00:36:49,480

know sponsors usually private

827

00:36:52,710 --> 00:36:51,370

foundations educational foundations and

828

00:36:55,590 --> 00:36:52,720

so on shows like Nova and so on are

829

00:36:57,570 --> 00:36:55,600

sponsored by Carnegie Mellon accounting

830

00:36:59,790 --> 00:36:57,580

a foundation and so on so they're trying

831

00:37:02,910 --> 00:36:59,800

to write proposals to do that and

832

00:37:06,660 --> 00:37:02,920

because of that i have taken myself out

833

00:37:08,250 --> 00:37:06,670

of the show and i would be helping

834

00:37:11,700 --> 00:37:08,260

behind the scene and maybe make

835

00:37:14,580 --> 00:37:11,710

occasional appearance because the TV

836

00:37:17,310 --> 00:37:14,590

audience the viewership for the PBS

837

00:37:19,440 --> 00:37:17,320

public television network in the u.s. is

838

00:37:21,900 --> 00:37:19,450

very different than the viewership for

839

00:37:23,880 --> 00:37:21,910

the commercial TV so my presence that do

840

00:37:29,010 --> 00:37:23,890

not add anything to in fact they detract

841

00:37:31,740 --> 00:37:29,020

from it because in the public's TV world

842

00:37:34,350 --> 00:37:31,750

right that the viewership more towards

843

00:37:37,860 --> 00:37:34,360

to you know sort of educated and a

844

00:37:39,720 --> 00:37:37,870

little bit higher on education scale for

845

00:37:41,670 --> 00:37:39,730

not too much of a star right thank you

846

00:37:46,170 --> 00:37:41,680

so much then it is sort of the reality

847

00:37:49,590 --> 00:37:46,180

TV the d-list celebrity did not add

848

00:37:52,350 --> 00:37:49,600

anything else Olivia it detracts from it

849

00:37:53,820 --> 00:37:52,360

so so you know I said no then take me

850

00:37:56,100 --> 00:37:53,830

out of it so that you get a better

851
00:37:57,990 --> 00:37:56,110
chance of selling this to PBS Lucy what

852
00:37:59,100 --> 00:37:58,000
happened I mean are we still working you

853
00:38:01,290 --> 00:37:59,110
know help them behind you seeing they

854
00:38:04,230 --> 00:38:01,300
need any advice to do instrumentation

855
00:38:05,730 --> 00:38:04,240
and so on oh that's fantastic well yeah

856
00:38:06,960 --> 00:38:05,740
man where GM a website or something

857
00:38:09,360 --> 00:38:06,970
where our listeners can find out more

858
00:38:11,070 --> 00:38:09,370
about what you did no I I'm on Wikipedia

859
00:38:12,690 --> 00:38:11,080
but I gave up trying to trying to

860
00:38:14,010 --> 00:38:12,700
correct it because every time I correct

861
00:38:15,630 --> 00:38:14,020
something is wrong somebody else we

862
00:38:17,520 --> 00:38:15,640
corrected me so obviously there are

863
00:38:20,760 --> 00:38:17,530

people out there who knows me better

864

00:38:23,670 --> 00:38:20,770

than me but I I used to write for the

865

00:38:25,140 --> 00:38:23,680

skeptics blog and I have stopped for a

866

00:38:27,600 --> 00:38:25,150

while because my mom was sick for a

867

00:38:29,940 --> 00:38:27,610

while and now that I'm she passed away

868

00:38:32,700 --> 00:38:29,950

last year earlier this year so I would

869

00:38:36,210 --> 00:38:32,710

be back up writing the blog says skeptic

870

00:38:38,010 --> 00:38:36,220

blog I did you know about a year of

871

00:38:40,530 --> 00:38:38,020

blogging there and I will continue to

872

00:38:42,480 --> 00:38:40,540

I'll pick it up again so I guess people

873

00:38:44,400 --> 00:38:42,490

can just Google you as well right lots

874

00:38:47,880 --> 00:38:44,410

of a lot of young you had their hundred

875

00:38:50,640 --> 00:38:47,890

backs and young men's then they all it's

876

00:38:52,230 --> 00:38:50,650

a very strange feeling is it really do

877

00:38:53,460 --> 00:38:52,240

you hope abdi have you found at time

878

00:38:55,380 --> 00:38:53,470

this weekend a lots of people being

879

00:38:57,390 --> 00:38:55,390

going yeah man yeah I was surprised how

880

00:39:00,990 --> 00:38:57,400

many I didn't expect that many people

881

00:39:03,870 --> 00:39:01,000

intend to to recognize me okay but I you

882

00:39:05,700 --> 00:39:03,880

know and the Australian contingencies or

883

00:39:07,350 --> 00:39:05,710

and then I just was just talking to a

884

00:39:09,270 --> 00:39:07,360

bunch of people from South Africa to

885

00:39:13,140 --> 00:39:09,280

know survival is very popular in South

886

00:39:14,730 --> 00:39:13,150

Africa oh yes well you know I guess this

887

00:39:16,710 --> 00:39:14,740

is the place to come because this is

888

00:39:18,180 --> 00:39:16,720

where the geeks gather and the geeks

889

00:39:20,580 --> 00:39:18,190

were right behind you on Survivor so

890

00:39:22,890 --> 00:39:20,590

thank you thanks for entertaining us for

891

00:39:24,660 --> 00:39:22,900

12 weeks and for you know not eating

892

00:39:26,220 --> 00:39:24,670

food and getting skinny and getting wet

893

00:39:28,500 --> 00:39:26,230

and having a horrible time on a

894

00:39:30,289 --> 00:39:28,510

beautiful island but we hope to see on

895

00:39:31,789 --> 00:39:30,299

TV again soon yeoman thank you

896

00:39:33,979 --> 00:39:31,799

and I hope to see you in other events

897

00:39:37,939 --> 00:39:33,989

and I hope you have ten Australia again

898

00:39:39,739 --> 00:39:37,949

oh yes we hope to have it in 2012 so I

899

00:39:42,620 --> 00:39:39,749

make sure come out i'll give you talk

900

00:39:45,079 --> 00:39:42,630

about the reality of reality TV that

901
00:39:47,749 --> 00:39:45,089
sounds awesome her to see the way you

902
00:39:50,660 --> 00:39:47,759
get some non non skeptics coming to you

903
00:39:52,719 --> 00:39:50,670
10 yes get them into the movement yeah

904
00:39:54,499 --> 00:39:52,729
let's get some other people in ourselves

905
00:39:56,449 --> 00:39:54,509
skepticism is getting bigger and bigger

906
00:39:59,209 --> 00:39:56,459
so you know well the more the merrier

907
00:40:01,910 --> 00:39:59,219
all right finally it yet a few years to

908
00:40:03,559 --> 00:40:01,920
get a foothold but I think we're moving

909
00:40:06,229 --> 00:40:03,569
in the right direction which I think

910
00:40:08,150 --> 00:40:06,239
they're very I'm very grateful for that

911
00:40:09,799 --> 00:40:08,160
well thanks for joining us today on the

912
00:40:22,410 --> 00:40:09,809
skeptics I me all right well thank you

913
00:40:27,610 --> 00:40:25,330

did you know Jeff was participated in an

914

00:40:29,260 --> 00:40:27,620

alien psychic challenge did you know

915

00:40:31,780 --> 00:40:29,270

that George Rob is an interstellar

916

00:40:33,520 --> 00:40:31,790

singing sensation for these and other

917

00:40:35,680 --> 00:40:33,530

stories you won't hear on the skeptic

918

00:40:39,700 --> 00:40:35,690

zone go to the bolingbrook babbler

919

00:40:41,650 --> 00:40:39,710

that's ww bolingbrook babbler calm if

920

00:40:44,410 --> 00:40:41,660

you have any doubts just remember this

921

00:40:46,330 --> 00:40:44,420

the SGU couldn't debunk any of our

922

00:40:48,790 --> 00:40:46,340

stories even when we offer them five

923

00:40:53,460 --> 00:40:48,800

dollars so read the bolingbrook babbler

924

00:41:06,480 --> 00:40:53,470

for the unbelievable truth that's ww bol

925

00:41:11,920 --> 00:41:06,490

ing BR oh ok bab bler calm his my not

926

00:41:15,100 --> 00:41:11,930

spooky action at the distance

927

00:41:17,010 --> 00:41:15,110

I'm speaking to dr. Leslie McDonald

928

00:41:20,230 --> 00:41:17,020

wickes at the school of health sciences

929

00:41:22,450 --> 00:41:20,240

at the University of Newcastle she is a

930

00:41:24,520 --> 00:41:22,460

nutritional biochemist is is that right

931

00:41:26,740 --> 00:41:24,530

Leslie my main area of expertise is in

932

00:41:28,930 --> 00:41:26,750

Dietetics I'm predominantly a dietician

933

00:41:31,270 --> 00:41:28,940

but I do have a PhD and nutritional

934

00:41:33,820 --> 00:41:31,280

biochemistry why were you attracted to

935

00:41:36,850 --> 00:41:33,830

this area what made you want to have a

936

00:41:38,950 --> 00:41:36,860

PhD in nutritional biochemistry I happen

937

00:41:41,860 --> 00:41:38,960

to be attracted to the area of fatty

938

00:41:43,930 --> 00:41:41,870

acids and antioxidants which fits nicely

939

00:41:46,180 --> 00:41:43,940

under a nutritional biochemistry label

940

00:41:48,550 --> 00:41:46,190

fish oil yes or no is it as easy as that

941

00:41:50,710 --> 00:41:48,560

with antioxidants nothing disease are

942

00:41:52,570 --> 00:41:50,720

fish I always but all that time doing

943

00:41:56,190 --> 00:41:52,580

all those exams Leslie and you can't say

944

00:41:58,210 --> 00:41:56,200

yes or no oh I would say that

945

00:42:00,810 --> 00:41:58,220

supplementing with fish oil for certain

946

00:42:03,220 --> 00:42:00,820

really clear ideas like around

947

00:42:04,930 --> 00:42:03,230

cholesterol metabolism and things like

948

00:42:06,970 --> 00:42:04,940

that it's got some really good evidence

949

00:42:08,860 --> 00:42:06,980

and fish oil is a really good supplement

950

00:42:10,960 --> 00:42:08,870

for those for those things but as a

951
00:42:13,840 --> 00:42:10,970
dietitian my first port of call is

952
00:42:15,850 --> 00:42:13,850
always eating first you want to have a

953
00:42:17,500 --> 00:42:15,860
healthy eating pattern including fish in

954
00:42:21,190 --> 00:42:17,510
there rather than spending the money on

955
00:42:23,590 --> 00:42:21,200
supplements and Leslie the area of diet

956
00:42:27,430 --> 00:42:23,600
I'd say would be one of those areas that

957
00:42:28,930 --> 00:42:27,440
would be full of whew as much as as I

958
00:42:30,550 --> 00:42:28,940
don't know it's almost like that's the

959
00:42:31,810 --> 00:42:30,560
area where but there's a lot of scams

960
00:42:32,980 --> 00:42:31,820
going on where people like I mean

961
00:42:34,810 --> 00:42:32,990
there's a current a drowning at the

962
00:42:37,150 --> 00:42:34,820
moment this guy says you can lose six

963
00:42:38,560 --> 00:42:37,160

kilograms in the first week or I'll give

964

00:42:40,000 --> 00:42:38,570

you your money back kind of thing so you

965

00:42:42,280 --> 00:42:40,010

must be fighting that kind of stuff all

966

00:42:44,230 --> 00:42:42,290

the time you know we all eat so we all

967

00:42:47,320 --> 00:42:44,240

feel to a certain degree that we have

968

00:42:49,990 --> 00:42:47,330

expertise in eating and diets one of

969

00:42:52,060 --> 00:42:50,000

those words that has a whole range of

970

00:42:53,380 --> 00:42:52,070

connotations to different people and a

971

00:42:55,630 --> 00:42:53,390

lot of people feel like they have

972

00:42:57,910 --> 00:42:55,640

expertise in those areas and they do

973

00:42:59,440 --> 00:42:57,920

that you know it's such a popular area

974

00:43:01,750 --> 00:42:59,450

and overweight and obesity is such a

975

00:43:04,090 --> 00:43:01,760

huge problem that we're facing that you

976

00:43:06,160 --> 00:43:04,100

can come across that sort of ads like

977

00:43:08,230 --> 00:43:06,170

you just saw we of course would would

978

00:43:10,240 --> 00:43:08,240

not be happy to be trying to get someone

979

00:43:12,310 --> 00:43:10,250

to lose six kilos in one week and I

980

00:43:14,500 --> 00:43:12,320

would even go further than that to say

981

00:43:15,940 --> 00:43:14,510

you probably maybe don't even need to go

982

00:43:17,380 --> 00:43:15,950

to a professional because the answer is

983

00:43:19,510 --> 00:43:17,390

usually right in front of you you

984

00:43:21,970 --> 00:43:19,520

basically exercise a little bit or you

985

00:43:24,070 --> 00:43:21,980

basically don't eat in more food than

986

00:43:25,809 --> 00:43:24,080

your body needs isn't that what we

987

00:43:28,209 --> 00:43:25,819

should all know that by now

988

00:43:30,339 --> 00:43:28,219

yeah and it sounds so easy doesn't it

989

00:43:32,349 --> 00:43:30,349

don't don't eat too much eat small

990

00:43:34,930 --> 00:43:32,359

portions and of the right types of foods

991

00:43:37,449 --> 00:43:34,940

and exercise a little bit but we live

992

00:43:39,069 --> 00:43:37,459

very complex lives and sometimes people

993

00:43:41,229 --> 00:43:39,079

just need a little bit of help in the

994

00:43:43,809 --> 00:43:41,239

the actual process the strategies about

995

00:43:47,079 --> 00:43:43,819

how you do that very simple idea of

996

00:43:50,499 --> 00:43:47,089

eating healthy and exercising reasonably

997

00:43:53,049 --> 00:43:50,509

dr. Leslie McDonald wicks I've done an

998

00:43:55,059 --> 00:43:53,059

interview with dr. nicholas de patrizia

999

00:43:56,729 --> 00:43:55,069

of course who as discovered it looks

1000

00:43:58,479 --> 00:43:56,739

like there's a strong link between

1001
00:44:00,519 --> 00:43:58,489
endocannabinoid receptors in your

1002
00:44:02,380 --> 00:44:00,529
stomach and if they were able to be

1003
00:44:03,999 --> 00:44:02,390
blocked by an antagonist that means you

1004
00:44:06,969 --> 00:44:04,009
would not have as much craving or as

1005
00:44:09,219 --> 00:44:06,979
interest in fat food what what impact

1006
00:44:11,380 --> 00:44:09,229
would this have on obesity may not as

1007
00:44:13,719 --> 00:44:11,390
you know I'm sure and as people who are

1008
00:44:16,269 --> 00:44:13,729
listening learner will know obesity is a

1009
00:44:19,120 --> 00:44:16,279
really really complex area and the

1010
00:44:22,269 --> 00:44:19,130
reasons why we do overeat or the reasons

1011
00:44:24,789 --> 00:44:22,279
why we do choose wrong foods are really

1012
00:44:27,849 --> 00:44:24,799
complex and their varied so when you

1013
00:44:30,910 --> 00:44:27,859

look at the sorts of research the doctor

1014

00:44:33,009 --> 00:44:30,920

deeper patricio is undertaking you can

1015

00:44:34,870 --> 00:44:33,019

see that he's going to provide us with a

1016

00:44:37,779 --> 00:44:34,880

little bit of an insight into some of

1017

00:44:39,729 --> 00:44:37,789

the biochemical or metabolic processes

1018

00:44:41,890 --> 00:44:39,739

that might be underpinning some of the

1019

00:44:44,109 --> 00:44:41,900

choices that we're making but to think

1020

00:44:46,870 --> 00:44:44,119

that something like this is the only

1021

00:44:49,299 --> 00:44:46,880

answer to obesity i think is being a

1022

00:44:52,689 --> 00:44:49,309

little bit naive there will be a place

1023

00:44:54,969 --> 00:44:52,699

in the care and treatment of people with

1024

00:44:56,160 --> 00:44:54,979

obesity for drugs that might come out of

1025

00:44:58,900 --> 00:44:56,170

something like this sort of research

1026
00:45:00,969 --> 00:44:58,910
just as there's a place for a surgical

1027
00:45:03,069 --> 00:45:00,979
solution and just as there's a place

1028
00:45:05,589 --> 00:45:03,079
that the sorts of counseling and

1029
00:45:08,620 --> 00:45:05,599
solutions that dietitians undertake

1030
00:45:10,689 --> 00:45:08,630
around getting people back into to

1031
00:45:12,400 --> 00:45:10,699
normalized eating patterns yes I think

1032
00:45:13,809 --> 00:45:12,410
Nicholas Sayre has one element in there

1033
00:45:15,400 --> 00:45:13,819
and I think even he would admit that it

1034
00:45:17,769 --> 00:45:15,410
would be any sort of cure for that but

1035
00:45:19,479 --> 00:45:17,779
it would be an interesting and people

1036
00:45:21,910 --> 00:45:19,489
are always looking for the magic bullet

1037
00:45:24,430 --> 00:45:21,920
you find that with with the diet they

1038
00:45:26,049 --> 00:45:24,440

want one diet or they want one product

1039

00:45:27,789 --> 00:45:26,059

or something that can do it for them you

1040

00:45:29,949 --> 00:45:27,799

know they were looking for the you know

1041

00:45:30,999 --> 00:45:29,959

we're looking for the viagra of obesity

1042

00:45:33,640 --> 00:45:31,009

that's what we're looking for the cure

1043

00:45:35,949 --> 00:45:33,650

it the evidence tells us that it's just

1044

00:45:38,140 --> 00:45:35,959

not going to be that simple even if you

1045

00:45:39,400 --> 00:45:38,150

can find a pattern of eating that does

1046

00:45:41,680 --> 00:45:39,410

lead people to lose one

1047

00:45:43,900 --> 00:45:41,690

they do initially lose weight but there

1048

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

is always this rebound effect or there

1049

00:45:48,819 --> 00:45:45,770

seems to be in the evidence is rebound

1050

00:45:51,579 --> 00:45:48,829

effect so a single magic bullets it's a

1051
00:45:53,200 --> 00:45:51,589
bit of a naive idea I think the other

1052
00:45:56,260 --> 00:45:53,210
thing I just like to point out with Dr

1053
00:45:58,960 --> 00:45:56,270
Dee patios research is at the moment

1054
00:46:00,670 --> 00:45:58,970
it's exciting what he's found it looks

1055
00:46:03,039 --> 00:46:00,680
very novel and and we haven't heard

1056
00:46:05,710 --> 00:46:03,049
about these endocannabinoids having

1057
00:46:08,710 --> 00:46:05,720
these sorts of effects on appetite from

1058
00:46:12,130 --> 00:46:08,720
a localized region in the stomach but

1059
00:46:14,890 --> 00:46:12,140
it's in rats he's doing this research in

1060
00:46:18,460 --> 00:46:14,900
rats he's doing it in a really stylized

1061
00:46:20,740 --> 00:46:18,470
manner and it has not yet at any point

1062
00:46:24,150 --> 00:46:20,750
being able to be translated either into

1063
00:46:26,859 --> 00:46:24,160

a drug or into some form of a clinical

1064

00:46:28,569 --> 00:46:26,869

treatment program so even if they

1065

00:46:30,370 --> 00:46:28,579

fast-tracked it we've still got five to

1066

00:46:33,760 --> 00:46:30,380

seven years where we have to eat salad

1067

00:46:35,559 --> 00:46:33,770

yeah and you know that's a really good

1068

00:46:38,170 --> 00:46:35,569

thing to sell it's really yummy with the

1069

00:46:40,510 --> 00:46:38,180

endocannabinoid research basically why

1070

00:46:43,180 --> 00:46:40,520

aren't all dope smokers incredibly fat

1071

00:46:45,220 --> 00:46:43,190

due to the munchies and you know I think

1072

00:46:48,010 --> 00:46:45,230

that's it's an interesting idea because

1073

00:46:51,190 --> 00:46:48,020

I suppose you you need to try and look

1074

00:46:52,150 --> 00:46:51,200

at that idea in two ways is it different

1075

00:46:53,859 --> 00:46:52,160

and I don't know that we have any

1076

00:46:55,960 --> 00:46:53,869

evidence that dope smokers are any

1077

00:46:58,299 --> 00:46:55,970

fatter than their other wise the rest of

1078

00:46:59,769 --> 00:46:58,309

population I suspect they form they kept

1079

00:47:01,960 --> 00:46:59,779

count but they go across the entire

1080

00:47:03,970 --> 00:47:01,970

weight range that's possible but they do

1081

00:47:06,160 --> 00:47:03,980

watch some great television they must

1082

00:47:08,019 --> 00:47:06,170

watch some great television if there is

1083

00:47:10,000 --> 00:47:08,029

such a thing but I wonder if there's a

1084

00:47:13,029 --> 00:47:10,010

different effect between people who may

1085

00:47:14,799 --> 00:47:13,039

smoke occasionally and get munchies

1086

00:47:16,690 --> 00:47:14,809

effect if you like and maybe people who

1087

00:47:18,370 --> 00:47:16,700

are more chronic users they may not go

1088

00:47:19,539 --> 00:47:18,380

through the same effect what I'm

1089

00:47:21,789 --> 00:47:19,549

thinking about is the comfort-food

1090

00:47:23,710 --> 00:47:21,799

effect now as a dietitian this must be

1091

00:47:25,299 --> 00:47:23,720

something that is really people don't

1092

00:47:27,519 --> 00:47:25,309

need to eat sometimes but they do

1093

00:47:28,839 --> 00:47:27,529

because you know they're bored or

1094

00:47:30,640 --> 00:47:28,849

they're watching TV and that's what they

1095

00:47:32,380 --> 00:47:30,650

always do and then watch TV or they're

1096

00:47:34,150 --> 00:47:32,390

alone there's many reasons why we eat

1097

00:47:36,220 --> 00:47:34,160

food as you mentioned earlier is there a

1098

00:47:38,380 --> 00:47:36,230

way to transform instead of having

1099

00:47:39,789 --> 00:47:38,390

making comfort food be that fat stuff

1100

00:47:41,829 --> 00:47:39,799

which fires off all these great things

1101
00:47:43,480 --> 00:47:41,839
is there any way we can get celery to be

1102
00:47:45,880 --> 00:47:43,490
our comfort food and enjoy it more

1103
00:47:48,250 --> 00:47:45,890
somehow we fall back on our ideas of

1104
00:47:50,200 --> 00:47:48,260
comfort food and they become our habit

1105
00:47:52,720 --> 00:47:50,210
foods and they become our go-to seeds

1106
00:47:53,230 --> 00:47:52,730
and some of the strategies that that

1107
00:47:55,450 --> 00:47:53,240
people

1108
00:47:57,280 --> 00:47:55,460
need come to dietitians in order to help

1109
00:47:59,080 --> 00:47:57,290
them develop and and really it's a

1110
00:48:01,210 --> 00:47:59,090
partnership between the dietitian and

1111
00:48:03,130 --> 00:48:01,220
the patient to find the solution that

1112
00:48:05,080 --> 00:48:03,140
works best for them let's get political

1113
00:48:06,340 --> 00:48:05,090

now doctor dr. Leslie it let's let's

1114

00:48:08,200 --> 00:48:06,350

start alienating some members the

1115

00:48:10,240 --> 00:48:08,210

audience's here when you're in the

1116

00:48:11,380 --> 00:48:10,250

supermarket and your your way to get

1117

00:48:12,730 --> 00:48:11,390

your groceries done you're all your

1118

00:48:14,890 --> 00:48:12,740

seller in your basket there obviously is

1119

00:48:17,290 --> 00:48:14,900

that's what you read and you see

1120

00:48:18,670 --> 00:48:17,300

magazines with people that are obviously

1121

00:48:20,109 --> 00:48:18,680

they've been photoshopped that's not the

1122

00:48:21,580 --> 00:48:20,119

way they look how does it make you feel

1123

00:48:23,260 --> 00:48:21,590

do you think I've got a lot more work

1124

00:48:25,060 --> 00:48:23,270

coming my way or does it just worried

1125

00:48:27,520 --> 00:48:25,070

you about our society and young women

1126
00:48:30,070 --> 00:48:27,530
particularly and men who are vulnerable

1127
00:48:32,050 --> 00:48:30,080
zyzz well it's very true that men are

1128
00:48:33,760 --> 00:48:32,060
becoming increasingly vulnerable to

1129
00:48:35,470 --> 00:48:33,770
these sorts of messages and I think

1130
00:48:37,840 --> 00:48:35,480
there's a whole lot of evidence out

1131
00:48:40,000 --> 00:48:37,850
there in the literature around how we

1132
00:48:42,250 --> 00:48:40,010
help people in general and especially

1133
00:48:44,710 --> 00:48:42,260
people who are very hooked into popular

1134
00:48:46,630 --> 00:48:44,720
culture can be really influenced by

1135
00:48:49,660 --> 00:48:46,640
these sorts of images and I think they

1136
00:48:52,690 --> 00:48:49,670
are concerning I myself when I look at

1137
00:48:54,940 --> 00:48:52,700
them don't necessarily believe them

1138
00:48:56,470 --> 00:48:54,950

because like you say you know that these

1139

00:48:58,660 --> 00:48:56,480

people have been photoshopped and

1140

00:49:00,550 --> 00:48:58,670

they've lost any blemish or any curve

1141

00:49:02,530 --> 00:49:00,560

that's out of place and so I don't find

1142

00:49:04,570 --> 00:49:02,540

them as convincing go on about this

1143

00:49:05,980 --> 00:49:04,580

being reinforced to people also i'm just

1144

00:49:08,320 --> 00:49:05,990

wondering if more and more people are

1145

00:49:10,060 --> 00:49:08,330

aware that it's a fantasy and they

1146

00:49:11,710 --> 00:49:10,070

actually know that i just wonder if more

1147

00:49:13,300 --> 00:49:11,720

and more people in young women and men

1148

00:49:14,770 --> 00:49:13,310

you know they know that that's a fantasy

1149

00:49:17,050 --> 00:49:14,780

in the first place and isn't that

1150

00:49:20,349 --> 00:49:17,060

something that we like to undertake

1151
00:49:22,090 --> 00:49:20,359
fantasy and and if it was kept to just a

1152
00:49:24,520 --> 00:49:22,100
fantasy if it was kept is something that

1153
00:49:26,349 --> 00:49:24,530
we looked at as idealized and and we

1154
00:49:28,650 --> 00:49:26,359
could immerse ourselves in it for a

1155
00:49:31,240 --> 00:49:28,660
little bit and didn't have too much of a

1156
00:49:33,070 --> 00:49:31,250
negative impact perhaps it would be a

1157
00:49:34,780 --> 00:49:33,080
different thing but unfortunately i

1158
00:49:38,080 --> 00:49:34,790
don't think that is what those images do

1159
00:49:39,940 --> 00:49:38,090
just personally myself feel that some of

1160
00:49:41,170 --> 00:49:39,950
those images are quite damaging who do

1161
00:49:43,690 --> 00:49:41,180
you think would be an image of someone

1162
00:49:45,760 --> 00:49:43,700
who would be a good example for people i

1163
00:49:47,530 --> 00:49:45,770

mean sports people are often held up but

1164

00:49:49,000 --> 00:49:47,540

then again they're pretty obsessive with

1165

00:49:49,960 --> 00:49:49,010

training and i'm not sure everyone would

1166

00:49:51,370 --> 00:49:49,970

want to be that obsessive about

1167

00:49:53,380 --> 00:49:51,380

something either is there someone who

1168

00:49:55,120 --> 00:49:53,390

you think is a is a good role model I

1169

00:49:56,980 --> 00:49:55,130

think that you have to find your role

1170

00:49:59,500 --> 00:49:56,990

models within your own life I know

1171

00:50:01,150 --> 00:49:59,510

that's a great piece of wisdom but again

1172

00:50:02,710 --> 00:50:01,160

that's exactly like you know you should

1173

00:50:04,180 --> 00:50:02,720

need too much an exercise that means

1174

00:50:06,730 --> 00:50:04,190

we've actually got to do something dr.

1175

00:50:10,090 --> 00:50:06,740

Leslie yes I know sometimes

1176

00:50:13,270 --> 00:50:10,100

the feeling of how difficult that is can

1177

00:50:15,190 --> 00:50:13,280

be really quite paralyzing but it's a

1178

00:50:17,380 --> 00:50:15,200

step-by-step process and it's hopefully

1179

00:50:19,900 --> 00:50:17,390

something that dietitians or

1180

00:50:22,300 --> 00:50:19,910

practitioners in this area can help

1181

00:50:25,150 --> 00:50:22,310

people overcome that that sense of it's

1182

00:50:27,280 --> 00:50:25,160

just too hard pharmacology developments

1183

00:50:29,680 --> 00:50:27,290

are just one weapon in the arsenal of

1184

00:50:31,420 --> 00:50:29,690

obesity against obesity do I do feel

1185

00:50:33,340 --> 00:50:31,430

that there is a range of treatments that

1186

00:50:34,420 --> 00:50:33,350

we're going to have to offer people so

1187

00:50:36,730 --> 00:50:34,430

that they can make a choice that

1188

00:50:39,340 --> 00:50:36,740

personally fits with their life but I

1189

00:50:42,640 --> 00:50:39,350

would be wary of a magic bullet approach

1190

00:50:45,580 --> 00:50:42,650

because for such a complex disease we

1191

00:50:47,560 --> 00:50:45,590

limit ourselves if we try and take a

1192

00:50:48,850 --> 00:50:47,570

simplistic view of it if there was any

1193

00:50:50,470 --> 00:50:48,860

information on the internet there that

1194

00:50:52,810 --> 00:50:50,480

you would suggest we could go to to get

1195

00:50:53,859 --> 00:50:52,820

true information about some dietary

1196

00:50:55,990 --> 00:50:53,869

issues there what would you recommend

1197

00:50:58,090 --> 00:50:56,000

well the internet provides us with a lot

1198

00:51:00,040 --> 00:50:58,100

of good information but you need to view

1199

00:51:01,180 --> 00:51:00,050

that information with a critical eye and

1200

00:51:03,460 --> 00:51:01,190

think about whether or not it's

1201
00:51:04,780 --> 00:51:03,470
realistic there are some very good sites

1202
00:51:07,900 --> 00:51:04,790
out there but there's also a lot of

1203
00:51:30,980 --> 00:51:07,910
information that could be spurious at

1204
00:51:34,860 --> 00:51:33,210
wow thank you for listening to the

1205
00:51:36,930 --> 00:51:34,870
skeptic zone what an interesting episode

1206
00:51:39,360 --> 00:51:36,940
this week I think I'm still a bit

1207
00:51:41,220 --> 00:51:39,370
jet-lagged you know and my voice

1208
00:51:44,460 --> 00:51:41,230
certainly doesn't cope well on those

1209
00:51:46,730 --> 00:51:44,470
long flights across the Pacific and in

1210
00:51:48,990 --> 00:51:46,740
that casino environment nevermind

1211
00:51:52,050 --> 00:51:49,000
nevermind next week on the skeptics earn

1212
00:51:55,280 --> 00:51:52,060
more interviews from tam 9 tam 9 from

1213
00:51:58,080 --> 00:51:55,290

outer space it was called and i'll just

1214

00:52:01,770 --> 00:51:58,090

all right well rest now i have a bit of

1215

00:52:03,420 --> 00:52:01,780

a recovery I'm i trace downstairs what

1216

00:52:07,170 --> 00:52:03,430

will it be this week folks what will be

1217

00:52:11,010 --> 00:52:07,180

the drink be what will the drink be but

1218

00:52:13,380 --> 00:52:11,020

you can't guess honey Mead I'm gonna

1219

00:52:15,660 --> 00:52:13,390

race down have some honey Mead I don't

1220

00:52:18,090 --> 00:52:15,670

think I've I even got any honey made no

1221

00:52:21,210 --> 00:52:18,100

go out and buy some let you enjoy the

1222

00:52:23,760 --> 00:52:21,220

rest of your week handle then this is

1223

00:52:25,950 --> 00:52:23,770

Richard Saunders signing off from I

1224

00:52:28,410 --> 00:52:25,960

think it is and that's my air ticket

1225

00:52:35,220 --> 00:52:28,420

brought me someone else a Sydney

1226

00:52:39,900 --> 00:52:35,230

Australia you've been listening to the

1227

00:52:43,740 --> 00:52:39,910

skeptic zone visit our website at www