

1  
00:00:20,359 --> 00:00:28,410  
hello and welcome to the skeptic zone

2  
00:00:23,100 --> 00:00:31,679  
show number 50 50 50 mm for the second

3  
00:00:28,410 --> 00:00:33,179  
of oktober 2009 Richard Saunders here

4  
00:00:31,679 --> 00:00:35,039  
with you once again from Sydney

5  
00:00:33,179 --> 00:00:37,890  
Australia quite an interesting episode

6  
00:00:35,039 --> 00:00:40,469  
we have for you this week we have our

7  
00:00:37,890 --> 00:00:43,049  
reports from Kylie Sturgis mounted

8  
00:00:40,469 --> 00:00:46,439  
dragoncon and reports and interviews

9  
00:00:43,049 --> 00:00:48,679  
with dr. Reggie as part of her tour of

10  
00:00:46,439 --> 00:00:51,449  
the USA including New York and Boston

11  
00:00:48,679 --> 00:00:54,539  
such names as Heidi Anderson Barbara

12  
00:00:51,450 --> 00:00:57,150  
Draya rebecca watson tim fally mario

13  
00:00:54,539 --> 00:00:59,878  
shot lander and many more coming up on

14  
00:00:57,149 --> 00:01:04,769  
today's show a few other announcements

15  
00:00:59,878 --> 00:01:07,109  
if you go to our website at WWE TV you

16  
00:01:04,769 --> 00:01:10,469  
can bid on an autographed photograph of

17  
00:01:07,109 --> 00:01:12,900  
myself Derek Collin do know from skeptic

18  
00:01:10,469 --> 00:01:16,170  
allottee Brian Dunning from skip toy

19  
00:01:12,900 --> 00:01:19,109  
calm and dr. Steve novella a signed

20  
00:01:16,170 --> 00:01:22,170  
picture of the four of us hamming it up

21  
00:01:19,109 --> 00:01:24,840  
at tam seven up for bid on ebay right

22  
00:01:22,170 --> 00:01:27,810  
now check it out don't forget to follow

23  
00:01:24,840 --> 00:01:31,259  
the skeptic zone on twitter at skeptic

24  
00:01:27,810 --> 00:01:33,269  
zone and also if you want to you can now

25  
00:01:31,259 --> 00:01:36,810  
subscribe to the skeptic zone for only

26  
00:01:33,269 --> 00:01:39,030  
99 cents an episode now that's 99 cents

27  
00:01:36,810 --> 00:01:42,930  
australian or american head to our

28  
00:01:39,030 --> 00:01:45,899  
website wwc optics on TV scroll down

29

00:01:42,930 --> 00:01:48,539  
look down the left-hand side for details

30  
00:01:45,899 --> 00:01:53,060  
but enough about that let's get straight

31  
00:01:48,539 --> 00:01:53,060  
into this episode of the skeptic zone

32  
00:02:02,530 --> 00:02:07,430  
I'm Carly Sturgis and this year at

33  
00:02:05,599 --> 00:02:09,319  
dragoncon new groups were taking to the

34  
00:02:07,430 --> 00:02:11,540  
stage and networking amongst the crowds

35  
00:02:09,319 --> 00:02:14,120  
at both the skeptic and science tracks

36  
00:02:11,539 --> 00:02:16,370  
with representatives and blogs like

37  
00:02:14,120 --> 00:02:18,890  
science-based parenting rational moms

38  
00:02:16,370 --> 00:02:21,710  
the newly launched grassroots skeptic

39  
00:02:18,889 --> 00:02:23,269  
site and teacher ninjas calm there was a

40  
00:02:21,710 --> 00:02:25,430  
definite sense of community based

41  
00:02:23,270 --> 00:02:27,469  
stakeholders reaching out and speaking

42  
00:02:25,430 --> 00:02:30,050  
out to other more established skeptical

43  
00:02:27,469 --> 00:02:31,939

groups since the skeptic zone podcasts

44

00:02:30,050 --> 00:02:34,040  
in 2009 brought the mystery

45

00:02:31,939 --> 00:02:36,229  
investigators show and proposed panels

46

00:02:34,039 --> 00:02:37,729  
on education matters it was wonderful to

47

00:02:36,229 --> 00:02:39,799  
catch up with a few of these people

48

00:02:37,729 --> 00:02:42,919  
during the convention we have a lot in

49

00:02:39,800 --> 00:02:44,959  
common with them firstly I spoke to

50

00:02:42,919 --> 00:02:47,089  
Barbra Drescher she is a cognitive

51

00:02:44,959 --> 00:02:49,310  
psychologists and lecturer a california

52

00:02:47,090 --> 00:02:51,469  
state university northridge who conducts

53

00:02:49,310 --> 00:02:53,629  
research in several areas and primarily

54

00:02:51,469 --> 00:02:55,669  
teaches a quantitative research this

55

00:02:53,629 --> 00:02:57,500  
year at DragonCon she presented on half

56

00:02:55,669 --> 00:02:59,869  
a dozen panels for both the skeptic and

57

00:02:57,500 --> 00:03:01,669  
science tracks these included sceptical

58  
00:02:59,870 --> 00:03:03,950  
psychology and in the classroom and

59  
00:03:01,669 --> 00:03:06,049  
Darwin's Bulldogs teachers on the front

60  
00:03:03,949 --> 00:03:08,539  
line along with fellow critical thinking

61  
00:03:06,050 --> 00:03:10,250  
education group member matt lowry she

62  
00:03:08,539 --> 00:03:12,169  
even added her insights and experience

63  
00:03:10,250 --> 00:03:14,419  
to panels on synesthesia luck

64  
00:03:12,169 --> 00:03:16,189  
coincidence and delusions and even the

65  
00:03:14,419 --> 00:03:19,539  
highly debated final episode of

66  
00:03:16,189 --> 00:03:19,539  
battlestar galactica

67  
00:03:21,939 --> 00:03:27,829  
what is ctek critical thinking education

68  
00:03:26,000 --> 00:03:29,509  
group and we even have a website at

69  
00:03:27,830 --> 00:03:30,830  
critical teaching org which I've got on

70  
00:03:29,509 --> 00:03:32,359  
the laptop right next to me I've been

71  
00:03:30,830 --> 00:03:33,769  
working very hard all this morning

72  
00:03:32,360 --> 00:03:35,989  
making sure my slides are ready for the

73  
00:03:33,769 --> 00:03:37,789  
three panels I've got today and one of

74  
00:03:35,989 --> 00:03:39,469  
the panels were doing is the post up in

75  
00:03:37,789 --> 00:03:41,689  
the morning ten o'clock hope people be

76  
00:03:39,469 --> 00:03:43,280  
there well I hope we're going to talk

77  
00:03:41,689 --> 00:03:46,989  
about critical teaching in the classroom

78  
00:03:43,280 --> 00:03:49,489  
or critical thinking teaching and

79  
00:03:46,989 --> 00:03:51,920  
psychology around you know that

80  
00:03:49,489 --> 00:03:54,590  
surrounds the topic and how people learn

81  
00:03:51,919 --> 00:03:56,629  
how to critically think and this happens

82  
00:03:54,590 --> 00:03:58,549  
to be a speciality of yours that it's

83  
00:03:56,629 --> 00:04:02,090  
correct I also like to think of myself

84  
00:03:58,549 --> 00:04:03,469  
as a as a teacher of my own kids yeah in

85  
00:04:02,090 --> 00:04:05,180  
fact we expand that to be a theme

86

00:04:03,469 --> 00:04:06,799  
throughout quite a lot of this

87  
00:04:05,180 --> 00:04:08,540  
conference I've interviewed a few other

88  
00:04:06,799 --> 00:04:10,340  
parents who a year we've seen a few

89  
00:04:08,539 --> 00:04:12,439  
other panels do you think that there's a

90  
00:04:10,340 --> 00:04:14,479  
growing trend towards parents wanting to

91  
00:04:12,439 --> 00:04:16,459  
have a bit more of a saying skepticism

92  
00:04:14,479 --> 00:04:18,829  
and some of the conference's as well as

93  
00:04:16,459 --> 00:04:21,918  
the teachers like ourselves I would hope

94  
00:04:18,829 --> 00:04:25,370  
so i mean i think that critical thinking

95  
00:04:21,918 --> 00:04:27,109  
and skepticism science it's it's not a

96  
00:04:25,370 --> 00:04:29,360  
we don't have a market on it just

97  
00:04:27,110 --> 00:04:32,000  
because we're in academics it really is

98  
00:04:29,360 --> 00:04:34,490  
for everybody and and the the whole aim

99  
00:04:32,000 --> 00:04:37,160  
of the skeptic movement is to make it i

100  
00:04:34,490 --> 00:04:39,019

guess to make people more aware that it

101

00:04:37,160 --> 00:04:40,360

should be a way of life and that it

102

00:04:39,019 --> 00:04:44,209

would help them make better decisions

103

00:04:40,360 --> 00:04:46,729

overall and parents are our key here

104

00:04:44,209 --> 00:04:49,038

because if parents brought their

105

00:04:46,728 --> 00:04:50,389

children up with these skills or with at

106

00:04:49,038 --> 00:04:51,740

least thinking that they're important

107

00:04:50,389 --> 00:04:54,168

through that they will go and educate

108

00:04:51,740 --> 00:04:55,879

themselves and learn the skills then we

109

00:04:54,168 --> 00:04:58,490

wouldn't have a job we wouldn't need to

110

00:04:55,879 --> 00:04:59,168

be here as i educated yourself and as a

111

00:04:58,490 --> 00:04:59,889

parent what

112

00:04:59,168 --> 00:05:02,109

some of the things that you've

113

00:04:59,889 --> 00:05:04,210

experienced which have led you to take

114

00:05:02,110 --> 00:05:07,718

the opportunity to become a member CT I

115  
00:05:04,209 --> 00:05:09,998  
guess what I've experienced is a gap a

116  
00:05:07,718 --> 00:05:12,519  
big gap there are certainly those people

117  
00:05:09,999 --> 00:05:14,080  
that don't want to change the way that

118  
00:05:12,519 --> 00:05:15,519  
they do things and they don't want to

119  
00:05:14,079 --> 00:05:18,248  
change the way that they think they want

120  
00:05:15,519 --> 00:05:19,839  
to continue to believe that if they use

121  
00:05:18,249 --> 00:05:23,020  
magnets they can cure their arthritis

122  
00:05:19,839 --> 00:05:26,408  
but there are those those people who

123  
00:05:23,019 --> 00:05:30,158  
simply have never been exposed to logic

124  
00:05:26,408 --> 00:05:31,478  
and reasoning and even if they have they

125  
00:05:30,158 --> 00:05:33,278  
didn't realize it was important because

126  
00:05:31,478 --> 00:05:34,658  
they didn't understand that humans don't

127  
00:05:33,278 --> 00:05:37,658  
behave that way normally and that's

128  
00:05:34,658 --> 00:05:39,098  
usually that's usually my first goal in

129  
00:05:37,658 --> 00:05:42,069  
a classroom is just shake people up and

130  
00:05:39,098 --> 00:05:43,870  
to say look you need this because you

131  
00:05:42,069 --> 00:05:46,240  
are biased because you don't see the

132  
00:05:43,870 --> 00:05:50,588  
world the way it actually is so you need

133  
00:05:46,240 --> 00:05:52,990  
this this skill or this this method to

134  
00:05:50,588 --> 00:05:55,560  
kind of get you to to look at it

135  
00:05:52,990 --> 00:05:57,939  
objectively and to put aside your your

136  
00:05:55,560 --> 00:05:59,829  
biases we both know there's going to be

137  
00:05:57,939 --> 00:06:02,499  
a pseudo science in education to reason

138  
00:05:59,829 --> 00:06:05,050  
there oh there is a ton in fact after

139  
00:06:02,499 --> 00:06:07,389  
one of the panels I can't remember which

140  
00:06:05,050 --> 00:06:10,060  
one but it must have had something to do

141  
00:06:07,389 --> 00:06:13,028  
with teaching because it was certainly

142  
00:06:10,060 --> 00:06:15,879  
teaching related one woman came up to me

143

00:06:13,028 --> 00:06:18,310  
and asked me about oh I know it was I

144  
00:06:15,879 --> 00:06:19,810  
think it was synesthesia ah which is

145  
00:06:18,310 --> 00:06:21,699  
that's a strange panel for that to pop

146  
00:06:19,810 --> 00:06:24,819  
up in that I was talking I think I made

147  
00:06:21,699 --> 00:06:26,889  
a comment about how we learn someone was

148  
00:06:24,819 --> 00:06:28,499  
someone had asked the question well can

149  
00:06:26,889 --> 00:06:30,819  
they use this to learn better because

150  
00:06:28,499 --> 00:06:33,789  
the idea with synesthesia is you've got

151  
00:06:30,819 --> 00:06:36,759  
to sensory modalities that are crossed

152  
00:06:33,788 --> 00:06:39,878  
and in a way some cinna seats actually

153  
00:06:36,759 --> 00:06:41,550  
have an advantage because it helps them

154  
00:06:39,879 --> 00:06:43,650  
to remember things mean it

155  
00:06:41,550 --> 00:06:45,720  
some letters or green or some words or

156  
00:06:43,649 --> 00:06:48,269  
green and some are blue then you can

157  
00:06:45,720 --> 00:06:50,460

remember a pattern of colors in addition

158

00:06:48,269 --> 00:06:53,129

to the words themselves that's dual

159

00:06:50,459 --> 00:06:55,560

coding theory but someone thought that

160

00:06:53,129 --> 00:06:57,480

well that should if we could learn how

161

00:06:55,560 --> 00:07:01,280

to be as in estates which of course not

162

00:06:57,480 --> 00:07:04,620

possible we could improve learning and

163

00:07:01,279 --> 00:07:07,259

that really isn't true I mean it just

164

00:07:04,620 --> 00:07:10,170

isn't because there's so much that goes

165

00:07:07,259 --> 00:07:12,480

into how we take things in that we think

166

00:07:10,170 --> 00:07:14,550

that we just we put up an animation and

167

00:07:12,480 --> 00:07:16,259

we put up the words and then we read it

168

00:07:14,550 --> 00:07:17,939

to them and so we've covered all the

169

00:07:16,259 --> 00:07:20,789

sensory modalities is going to be better

170

00:07:17,939 --> 00:07:21,990

and that's just not the case because now

171

00:07:20,790 --> 00:07:23,520

what we've asked him to do is to buy

172  
00:07:21,990 --> 00:07:26,100  
their attention across all these

173  
00:07:23,519 --> 00:07:29,399  
modalities so I had a so much in the

174  
00:07:26,100 --> 00:07:31,110  
audience eight you know I teach I think

175  
00:07:29,399 --> 00:07:33,509  
it was third grade was elementary school

176  
00:07:31,110 --> 00:07:36,180  
and these people want to implement these

177  
00:07:33,509 --> 00:07:37,649  
policies things like manipulatives for

178  
00:07:36,180 --> 00:07:39,930  
math

179  
00:07:37,649 --> 00:07:42,929  
and I know which I know it's not

180  
00:07:39,930 --> 00:07:44,400  
supported what can I do you know tell me

181  
00:07:42,930 --> 00:07:46,288  
where the literature is so that I can at

182  
00:07:44,399 --> 00:07:48,989  
least go to these people and say okay

183  
00:07:46,288 --> 00:07:52,620  
look it's not going to work he's going

184  
00:07:48,990 --> 00:07:55,470  
to harm me it's more than help them and

185  
00:07:52,620 --> 00:07:58,110  
it's tough because these these teaching

186  
00:07:55,470 --> 00:08:01,199  
techniques things like my kids school

187  
00:07:58,110 --> 00:08:04,590  
Bothell and the wind zuly learning

188  
00:08:01,199 --> 00:08:07,228  
system oh we have a great teacher in

189  
00:08:04,589 --> 00:08:09,659  
Queensland a librarian who talked about

190  
00:08:07,228 --> 00:08:11,129  
brain gym infiltrating her school as

191  
00:08:09,660 --> 00:08:12,960  
well she's been interview for the

192  
00:08:11,129 --> 00:08:16,709  
skeptics out to it yeah and these things

193  
00:08:12,959 --> 00:08:18,689  
sound great you know they give you lots

194  
00:08:16,709 --> 00:08:21,509  
of reasons they should work and they

195  
00:08:18,689 --> 00:08:23,459  
make sense and it's the same tactics

196  
00:08:21,509 --> 00:08:25,050  
that you'll hear alternative medicine

197  
00:08:23,459 --> 00:08:27,149  
you know oh well you know you're missing

198  
00:08:25,050 --> 00:08:29,848  
this this vitamins so just take it in

199  
00:08:27,149 --> 00:08:32,158  
and things like well if you're lethargic

200

00:08:29,848 --> 00:08:33,689  
just taking an iron supplements going to

201  
00:08:32,158 --> 00:08:36,088  
fix it because it's really all about

202  
00:08:33,690 --> 00:08:38,130  
iron it doesn't quite make sense i mean

203  
00:08:36,089 --> 00:08:39,570  
there's there's huge gaps in the

204  
00:08:38,129 --> 00:08:41,490  
knowledge that people don't understand

205  
00:08:39,570 --> 00:08:43,409  
things like how I metabolize items and

206  
00:08:41,490 --> 00:08:44,820  
minerals and you have supplements and

207  
00:08:43,408 --> 00:08:46,799  
things like that and then how do we

208  
00:08:44,820 --> 00:08:48,330  
learn how do we how do we get effective

209  
00:08:46,799 --> 00:08:50,309  
learning into classroom what could be

210  
00:08:48,330 --> 00:08:52,680  
some of the answers that you think well

211  
00:08:50,309 --> 00:08:54,389  
I i think more research i think that we

212  
00:08:52,679 --> 00:08:58,429  
have to identify the problems first

213  
00:08:54,389 --> 00:09:01,620  
things like dyslexia are not necessarily

214  
00:08:58,429 --> 00:09:04,319

just reversing letters and this actually

215

00:09:01,620 --> 00:09:07,259

came up in that same panel so if we

216

00:09:04,320 --> 00:09:08,570

develop ways to deal with that symptom

217

00:09:07,259 --> 00:09:10,189

we're not really

218

00:09:08,570 --> 00:09:12,710

to help that person because it's not

219

00:09:10,190 --> 00:09:15,710

really the problem so I think that

220

00:09:12,710 --> 00:09:18,470

identifying the problems and not making

221

00:09:15,710 --> 00:09:20,150

problems up either I think that reaching

222

00:09:18,470 --> 00:09:22,399

you know more people in general is is

223

00:09:20,149 --> 00:09:24,110

the key here we have to keep in mind

224

00:09:22,399 --> 00:09:26,870

that school boards in the united states

225

00:09:24,110 --> 00:09:29,350

are usually voted you know that the

226

00:09:26,870 --> 00:09:31,669

members are voted in they're not always

227

00:09:29,350 --> 00:09:33,950

people that know anything about

228

00:09:31,669 --> 00:09:36,349

education actually there's there's

229

00:09:33,950 --> 00:09:38,240  
another issue I I was talking to

230

00:09:36,350 --> 00:09:41,000  
somebody one of the other attendees

231

00:09:38,240 --> 00:09:44,419  
about the fact that a lot of education

232

00:09:41,000 --> 00:09:45,830  
programs are a lot like HSA this they're

233

00:09:44,419 --> 00:09:47,899  
a little like some of the nursing

234

00:09:45,830 --> 00:09:49,639  
programs that are it's changing

235

00:09:47,899 --> 00:09:51,829  
certainly it's getting better but they

236

00:09:49,639 --> 00:09:54,199  
don't necessarily teach the science of

237

00:09:51,830 --> 00:09:55,820  
learning they teach the it's kind of

238

00:09:54,200 --> 00:09:59,300  
like trying to get a psychology degree

239

00:09:55,820 --> 00:10:02,480  
by only learning Floyd oh yeah you know

240

00:09:59,299 --> 00:10:04,459  
the things that have been tested don't

241

00:10:02,480 --> 00:10:05,659  
really pan out but then there's also the

242

00:10:04,460 --> 00:10:07,879  
fact that a lot of these things are

243  
00:10:05,659 --> 00:10:12,049  
untested they're just kind of the kind

244  
00:10:07,879 --> 00:10:16,070  
of port this flowery idealistic what can

245  
00:10:12,049 --> 00:10:18,139  
we do to meet our goals that isn't just

246  
00:10:16,070 --> 00:10:21,080  
made up so getting in touch assigned

247  
00:10:18,139 --> 00:10:22,429  
outreach programs networking in order to

248  
00:10:21,080 --> 00:10:24,530  
inform people who might have these

249  
00:10:22,429 --> 00:10:26,120  
questions as we've discovered we have a

250  
00:10:24,529 --> 00:10:27,740  
newsletter I've noticed that like I've

251  
00:10:26,120 --> 00:10:30,620  
got a back to got it here on the page

252  
00:10:27,740 --> 00:10:32,930  
here it's the inaugural critical

253  
00:10:30,620 --> 00:10:34,779  
measures news later from CT I hoping to

254  
00:10:32,929 --> 00:10:38,599  
get more and more articles on that and

255  
00:10:34,779 --> 00:10:40,429  
again being aware that it's not just one

256  
00:10:38,600 --> 00:10:43,129  
person's problem it's a variety of

257

00:10:40,429 --> 00:10:44,569  
stakeholders as well and that includes

258  
00:10:43,129 --> 00:10:46,429  
the parents you've mentioned briefly

259  
00:10:44,570 --> 00:10:47,810  
their parents getting on to school

260  
00:10:46,429 --> 00:10:49,399  
boards for example teachers could do

261  
00:10:47,809 --> 00:10:51,319  
that too in fact anyone who's concerned

262  
00:10:49,399 --> 00:10:53,809  
they could and even even parents who are

263  
00:10:51,320 --> 00:10:56,270  
not necessarily able to participate

264  
00:10:53,809 --> 00:10:57,919  
actively in what's going on in their

265  
00:10:56,269 --> 00:10:59,990  
schools they can still give them what I

266  
00:10:57,919 --> 00:11:01,459  
mean there there's there's PTA there's

267  
00:10:59,990 --> 00:11:03,769  
also just sitting down with the teacher

268  
00:11:01,460 --> 00:11:05,240  
and talking the teacher about what that

269  
00:11:03,769 --> 00:11:07,579  
teacher is doing because many times

270  
00:11:05,240 --> 00:11:09,310  
teachers have they latch onto these

271  
00:11:07,580 --> 00:11:10,690

ideals well and

272

00:11:09,309 --> 00:11:12,819

really think that what they're doing is

273

00:11:10,690 --> 00:11:14,880

helping children when it's not and if

274

00:11:12,820 --> 00:11:17,290

those parents are armed with knowledge

275

00:11:14,879 --> 00:11:19,389

they can take it to the teacher they can

276

00:11:17,289 --> 00:11:21,759

take it to the school district and say

277

00:11:19,389 --> 00:11:25,120

you know maybe we should re you should

278

00:11:21,759 --> 00:11:27,009

rethink this area and so we can all take

279

00:11:25,120 --> 00:11:28,269

steps and I think we're getting a

280

00:11:27,009 --> 00:11:30,879

message that we shouldn't be afraid

281

00:11:28,269 --> 00:11:33,338

anymore to speak out and be a part of

282

00:11:30,879 --> 00:11:35,230

community that is border beyond just

283

00:11:33,339 --> 00:11:37,120

their own internet world or our own

284

00:11:35,230 --> 00:11:41,230

backyard that there's others who share

285

00:11:37,120 --> 00:11:44,889

the same problems I like that yeah thank

286  
00:11:41,230 --> 00:11:47,528  
you very much about Patricia you can

287  
00:11:44,889 --> 00:11:49,750  
read Barbara's blog at a site I CBS

288  
00:11:47,528 --> 00:11:51,730  
everywhere calm and please check out

289  
00:11:49,750 --> 00:11:53,860  
critical teaching dorg to network with

290  
00:11:51,730 --> 00:11:56,110  
other skeptical teachers and subscribe

291  
00:11:53,860 --> 00:11:58,089  
to the newsletter skeptic kids is a

292  
00:11:56,110 --> 00:12:00,310  
hands-on science program and the

293  
00:11:58,089 --> 00:12:02,260  
energetic Jason balata of skeptic it's

294  
00:12:00,309 --> 00:12:05,528  
org caught up with me during a break

295  
00:12:02,259 --> 00:12:07,600  
between dragoncon panels okay so yeah my

296  
00:12:05,528 --> 00:12:10,870  
name is Jason balata I'm with skeptic

297  
00:12:07,600 --> 00:12:14,670  
kids org we are a kid's group that

298  
00:12:10,870 --> 00:12:17,289  
focuses on hands-on science for kids we

299  
00:12:14,669 --> 00:12:19,149  
have the mindset that if you want kids

300  
00:12:17,289 --> 00:12:21,909  
to stay interested in science in the

301  
00:12:19,149 --> 00:12:23,740  
skeptical inquiry and scientific inquiry

302  
00:12:21,909 --> 00:12:24,639  
you got to get their hands dirty or

303  
00:12:23,740 --> 00:12:27,399  
they're just not going to be interested

304  
00:12:24,639 --> 00:12:30,250  
in it so we gear everything that we do

305  
00:12:27,399 --> 00:12:32,559  
towards that end so our motto is science

306  
00:12:30,250 --> 00:12:34,629  
is a verb and it's something that you do

307  
00:12:32,559 --> 00:12:36,759  
and it's not boring and it can be a lot

308  
00:12:34,629 --> 00:12:39,639  
of fun so that's the short version and

309  
00:12:36,759 --> 00:12:41,740  
drag cons a blast I came here to be

310  
00:12:39,639 --> 00:12:43,720  
beautiful with all these skeptics and

311  
00:12:41,740 --> 00:12:46,539  
there's been some wonderful science

312  
00:12:43,720 --> 00:12:49,089  
panels and just more than I can take in

313  
00:12:46,539 --> 00:12:50,919  
to be honest the last time I saw you

314

00:12:49,089 --> 00:12:53,410  
coming out of a panel it was for the

315  
00:12:50,919 --> 00:12:55,419  
space and kids panel oh yeah nice try

316  
00:12:53,409 --> 00:12:58,208  
yeah it was called stars in their eyes

317  
00:12:55,419 --> 00:12:59,500  
keeping kids interested in space and it

318  
00:12:58,208 --> 00:13:01,088  
was one of those films that I kind of

319  
00:12:59,500 --> 00:13:02,620  
missed when I was first figuring out my

320  
00:13:01,089 --> 00:13:05,830  
schedule but I'm really glad I went into

321  
00:13:02,620 --> 00:13:08,169  
they had representatives from some of

322  
00:13:05,830 --> 00:13:09,820  
the space centers in Alabama and in at

323  
00:13:08,169 --> 00:13:12,639  
the Kennedy Center and they had a

324  
00:13:09,820 --> 00:13:14,320  
representative from JPL there Jet

325  
00:13:12,639 --> 00:13:16,389  
Propulsion laboratories and they're just

326  
00:13:14,320 --> 00:13:19,900  
going over all the resources that are

327  
00:13:16,389 --> 00:13:20,809  
available for parents and teachers in

328  
00:13:19,899 --> 00:13:22,579

schools to

329

00:13:20,809 --> 00:13:25,369

involved in and then one of the things

330

00:13:22,580 --> 00:13:27,350

that kept coming up was that's all great

331

00:13:25,370 --> 00:13:30,289

but how do we integrate this into the

332

00:13:27,350 --> 00:13:33,040

schools and my response to that is the

333

00:13:30,289 --> 00:13:36,289

public education system has so many

334

00:13:33,039 --> 00:13:38,149

standardized and stringent requirements

335

00:13:36,289 --> 00:13:40,069

on their time that some of these things

336

00:13:38,149 --> 00:13:42,199

unfortunately right now the best thing

337

00:13:40,070 --> 00:13:44,870

we can do as parents is pick up that

338

00:13:42,200 --> 00:13:46,670

slack be that filler key promoting

339

00:13:44,870 --> 00:13:48,320

science as something that doesn't have

340

00:13:46,669 --> 00:13:50,299

to be boring and overwhelming but can

341

00:13:48,320 --> 00:13:52,520

actually be quite fun so how does

342

00:13:50,299 --> 00:13:54,979

skeptic kids and what you're doing tap

343  
00:13:52,519 --> 00:13:59,000  
into that okay well we have a real

344  
00:13:54,980 --> 00:14:02,360  
simple outline we only require three

345  
00:13:59,000 --> 00:14:04,100  
things out of our kids one is they have

346  
00:14:02,360 --> 00:14:05,930  
to contribute to real science and we

347  
00:14:04,100 --> 00:14:08,210  
mostly do that through astronomy there's

348  
00:14:05,929 --> 00:14:10,429  
the American Association of variable

349  
00:14:08,210 --> 00:14:12,320  
star astronomers where a lot of the guys

350  
00:14:10,429 --> 00:14:15,019  
that run the big telescopes around the

351  
00:14:12,320 --> 00:14:16,970  
world look to what the the aavso has

352  
00:14:15,019 --> 00:14:18,500  
done and their observations to figure

353  
00:14:16,970 --> 00:14:20,089  
out where to put that telescope time so

354  
00:14:18,500 --> 00:14:21,919  
it's valuable science than anybody can

355  
00:14:20,089 --> 00:14:24,560  
do even with a pair of binoculars it's

356  
00:14:21,919 --> 00:14:26,990  
got a really low cost point of entry

357  
00:14:24,559 --> 00:14:29,000  
right so one adult and 15 kids can make

358  
00:14:26,990 --> 00:14:31,879  
an impact there's a lot of environmental

359  
00:14:29,000 --> 00:14:33,500  
science you can do for example in in in

360  
00:14:31,879 --> 00:14:34,909  
my neck of the woods in Southwest

361  
00:14:33,500 --> 00:14:36,830  
Florida we've been suffering from a

362  
00:14:34,909 --> 00:14:38,480  
drought for several years now a lot of

363  
00:14:36,830 --> 00:14:40,160  
people don't associate Florida with

364  
00:14:38,480 --> 00:14:42,080  
droughts well one of the consequences

365  
00:14:40,159 --> 00:14:44,929  
we're getting a lot of salt water coming

366  
00:14:42,080 --> 00:14:46,940  
up into the rivers and so there's no

367  
00:14:44,929 --> 00:14:49,789  
reason why children can't get out in the

368  
00:14:46,940 --> 00:14:51,830  
swamps and in the estuaries and and

369  
00:14:49,789 --> 00:14:53,779  
measure salt content in the water and

370  
00:14:51,830 --> 00:14:56,350  
observe wildlife that shouldn't normally

371

00:14:53,779 --> 00:14:59,059  
be there and help record that

372  
00:14:56,350 --> 00:15:00,830  
information so that the the real

373  
00:14:59,059 --> 00:15:03,079  
scientists can use it so there's a lot

374  
00:15:00,830 --> 00:15:04,790  
of data collection that you can get a

375  
00:15:03,080 --> 00:15:07,310  
little dirty and have some fun doing so

376  
00:15:04,789 --> 00:15:09,349  
that's the primary thing that we do the

377  
00:15:07,309 --> 00:15:10,729  
the second requirement that we have on

378  
00:15:09,350 --> 00:15:14,600  
our kids is that they throw an awesome

379  
00:15:10,730 --> 00:15:16,850  
party once a years okay so we we Yuri's

380  
00:15:14,600 --> 00:15:19,639  
Night party to celebrate yuri gagarin

381  
00:15:16,850 --> 00:15:21,230  
and his monumental achievement of being

382  
00:15:19,639 --> 00:15:23,149  
the first man in space and that's just a

383  
00:15:21,230 --> 00:15:24,528  
good time this last year I was I was

384  
00:15:23,149 --> 00:15:26,509  
just telling somebody about it this last

385  
00:15:24,528 --> 00:15:29,750

year on a shoestring budget my wife and

386

00:15:26,509 --> 00:15:32,528

I built a 30-foot tall rocket in our

387

00:15:29,750 --> 00:15:35,409

backyard out of PVC pipe and

388

00:15:32,528 --> 00:15:38,230

and bed sheets and spray paint and a

389

00:15:35,409 --> 00:15:41,049

little artistic flair and you know and

390

00:15:38,230 --> 00:15:43,149

suddenly we had this huge rocket and we

391

00:15:41,049 --> 00:15:45,338

had you know about 50 kids show up and

392

00:15:43,149 --> 00:15:47,828

we had music and karaoke and just all

393

00:15:45,339 --> 00:15:50,410

kinds of good stuff and you know they

394

00:15:47,828 --> 00:15:53,378

all had a great time and so what if only

395

00:15:50,409 --> 00:15:55,659

five minutes was spent on explaining to

396

00:15:53,379 --> 00:15:57,759

them that right now around the world

397

00:15:55,659 --> 00:15:59,980

this party's going on and they're a part

398

00:15:57,759 --> 00:16:02,528

of it and that you know so many years

399

00:15:59,980 --> 00:16:04,509

ago I think it's 48 years ago the first

400  
00:16:02,528 --> 00:16:06,338  
man wins pastes so that's the way you

401  
00:16:04,509 --> 00:16:09,639  
got to do it right and then and this

402  
00:16:06,339 --> 00:16:10,779  
year are our third our third requirement

403  
00:16:09,639 --> 00:16:12,999  
that we're going to put on the program

404  
00:16:10,778 --> 00:16:14,919  
is gonna I think really be a lot of fun

405  
00:16:12,999 --> 00:16:16,839  
it's an outreach through the internet

406  
00:16:14,919 --> 00:16:18,278  
calling it channel skep the kids you

407  
00:16:16,839 --> 00:16:21,069  
guys did an interview with Adam Savage

408  
00:16:18,278 --> 00:16:23,110  
recently yes where he had said you know

409  
00:16:21,068 --> 00:16:25,870  
we're not a demonstration show we don't

410  
00:16:23,110 --> 00:16:27,459  
demonstrate science we investigate myths

411  
00:16:25,870 --> 00:16:29,438  
well we're going to do exactly that

412  
00:16:27,458 --> 00:16:31,659  
we're going to demonstrate science but I

413  
00:16:29,438 --> 00:16:34,448  
happen to believe that kids are pretty

414  
00:16:31,659 --> 00:16:36,549  
self-centered and narcissistic so we are

415  
00:16:34,448 --> 00:16:39,159  
going to have it starred bike children

416  
00:16:36,549 --> 00:16:42,128  
and we are going to demonstrate basic

417  
00:16:39,159 --> 00:16:43,688  
scientific principles at grade level and

418  
00:16:42,129 --> 00:16:45,759  
keep them in three to five minute clips

419  
00:16:43,688 --> 00:16:47,919  
and make it available on teacher tube so

420  
00:16:45,759 --> 00:16:49,839  
that those schools that have internet

421  
00:16:47,919 --> 00:16:52,058  
access and more and more of them do can

422  
00:16:49,839 --> 00:16:54,519  
access and use it in their classrooms so

423  
00:16:52,058 --> 00:16:56,438  
for example our first episode that we're

424  
00:16:54,519 --> 00:17:00,039  
working on right now we're going to use

425  
00:16:56,438 --> 00:17:03,458  
a jack russell terrier and have her lift

426  
00:17:00,039 --> 00:17:05,318  
a 50-pound girl up a tree through

427  
00:17:03,458 --> 00:17:07,688  
mechanical advantage by building a block

428

00:17:05,318 --> 00:17:09,578  
and pulley right how easy is that right

429  
00:17:07,689 --> 00:17:11,649  
if we have enough time i'm going to use

430  
00:17:09,578 --> 00:17:13,029  
a similar concept called a trucker's

431  
00:17:11,648 --> 00:17:16,119  
hitch and i'm going to pull a minivan up

432  
00:17:13,029 --> 00:17:18,369  
a hill no okay just basic science but

433  
00:17:16,119 --> 00:17:19,658  
you demonstrated some how cool and you

434  
00:17:18,369 --> 00:17:21,038  
know if the kids think they're going to

435  
00:17:19,659 --> 00:17:23,409  
be on the internet they're going to want

436  
00:17:21,038 --> 00:17:25,929  
to be involved so but then they get to

437  
00:17:23,409 --> 00:17:27,520  
actually add value they're providing a

438  
00:17:25,929 --> 00:17:30,610  
service to teachers and the whole point

439  
00:17:27,519 --> 00:17:33,668  
of this is do science celebrate science

440  
00:17:30,609 --> 00:17:35,168  
be involved in it and you know kids get

441  
00:17:33,669 --> 00:17:36,820  
involved in other things they get

442  
00:17:35,169 --> 00:17:38,500

interested in each other and social

443

00:17:36,819 --> 00:17:40,808

stuff and puberty comes and things

444

00:17:38,500 --> 00:17:43,029

change but if at the end of the day they

445

00:17:40,808 --> 00:17:44,500

somehow remember that hey this doesn't

446

00:17:43,029 --> 00:17:44,808

sound right because I know when you're

447

00:17:44,500 --> 00:17:46,669

trying

448

00:17:44,808 --> 00:17:49,069

sort out how something works you should

449

00:17:46,669 --> 00:17:50,450

be you know you should be checking these

450

00:17:49,069 --> 00:17:53,028

other things I think that's going to

451

00:17:50,450 --> 00:17:55,610

help build critical thinkers you can go

452

00:17:53,028 --> 00:17:57,950

to skip the kids org in fact we are

453

00:17:55,609 --> 00:18:00,558

looking to somewhat franchise this out

454

00:17:57,950 --> 00:18:03,048

if anybody is interested and would like

455

00:18:00,558 --> 00:18:05,509

to start their own chapters get the kids

456

00:18:03,048 --> 00:18:07,759

we're willing to give up some web space

457  
00:18:05,509 --> 00:18:10,399  
to set them up with their own so they

458  
00:18:07,759 --> 00:18:11,929  
can set their own local chapter and to

459  
00:18:10,398 --> 00:18:13,579  
guide them on how we got involved with

460  
00:18:11,929 --> 00:18:15,559  
the schools and with parents and

461  
00:18:13,579 --> 00:18:17,240  
organized and make sure they've got the

462  
00:18:15,558 --> 00:18:18,859  
resources they need and I guess the

463  
00:18:17,240 --> 00:18:21,409  
point i would really drive home is it's

464  
00:18:18,859 --> 00:18:23,778  
a it's not hard be it doesn't have to

465  
00:18:21,409 --> 00:18:26,869  
cost much and see it's really worth

466  
00:18:23,778 --> 00:18:28,700  
doing finally there are many parents

467  
00:18:26,868 --> 00:18:31,308  
attending both with and without children

468  
00:18:28,700 --> 00:18:33,440  
one example of such a parent was Heidi

469  
00:18:31,308 --> 00:18:34,878  
Anderson who coordinated the parents get

470  
00:18:33,440 --> 00:18:36,889  
together on the Monday night of the

471  
00:18:34,878 --> 00:18:38,658  
Convention and was responsible for the

472  
00:18:36,888 --> 00:18:40,729  
thank-you party for skeptic ality

473  
00:18:38,659 --> 00:18:43,970  
podcasts and skeptic track coordinators

474  
00:18:40,730 --> 00:18:45,860  
Derek and spooky ID presented a panel

475  
00:18:43,970 --> 00:18:48,319  
called the skeptics guide to parenting

476  
00:18:45,859 --> 00:18:53,949  
which he previously presented for the

477  
00:18:48,319 --> 00:18:56,928  
Atlantis skeptics skeptic am Heidi is a

478  
00:18:53,950 --> 00:19:00,288  
atheist feminist wife and mother of two

479  
00:18:56,929 --> 00:19:01,730  
I am sitting here opposite a very very

480  
00:19:00,288 --> 00:19:03,408  
keen thinking woman and a very

481  
00:19:01,730 --> 00:19:05,170  
forward-thinking woman who is not afraid

482  
00:19:03,409 --> 00:19:07,120  
to speak her mind

483  
00:19:05,170 --> 00:19:10,570  
yes what are some of the things that you

484  
00:19:07,119 --> 00:19:12,459  
are not afraid to say I'm not afraid to

485

00:19:10,569 --> 00:19:15,250  
say that I'm an atheist in a small

486  
00:19:12,460 --> 00:19:16,990  
southern town in the United States I am

487  
00:19:15,250 --> 00:19:19,119  
not afraid to say that I am raising my

488  
00:19:16,990 --> 00:19:20,769  
children without religion but also

489  
00:19:19,119 --> 00:19:22,119  
showing my children that there are

490  
00:19:20,769 --> 00:19:24,609  
people that they love and their family

491  
00:19:22,119 --> 00:19:26,139  
that are religious and that they have to

492  
00:19:24,609 --> 00:19:27,339  
respect the person they may not agree

493  
00:19:26,140 --> 00:19:29,350  
with them but they do have to respect

494  
00:19:27,339 --> 00:19:30,490  
the person and for the time being they

495  
00:19:29,349 --> 00:19:33,009  
don't need to discuss it with other

496  
00:19:30,490 --> 00:19:36,130  
children I I want my children to be

497  
00:19:33,009 --> 00:19:37,450  
outspoken when they can handle it and at

498  
00:19:36,130 --> 00:19:40,030  
this point when it will affect their

499  
00:19:37,450 --> 00:19:42,519

social situation and they're not ready

500

00:19:40,029 --> 00:19:43,990

to handle the backlash I think it's too

501

00:19:42,519 --> 00:19:45,940

much for them right now and that they

502

00:19:43,990 --> 00:19:49,690

need to understand and I'm guilty of

503

00:19:45,940 --> 00:19:51,400

this and I try and remember it that just

504

00:19:49,690 --> 00:19:53,650

because somebody is religious doesn't

505

00:19:51,400 --> 00:19:56,500

mean they're stupid that we assume that

506

00:19:53,650 --> 00:19:58,600

our skepticism takes us to a place where

507

00:19:56,500 --> 00:19:59,980

of course atheism is natural for me I

508

00:19:58,599 --> 00:20:01,809

actually came about it the other way I

509

00:19:59,980 --> 00:20:04,150

was an atheist first didn't even know

510

00:20:01,809 --> 00:20:05,950

there was anything called a skeptic and

511

00:20:04,150 --> 00:20:07,570

then got involved and found out that

512

00:20:05,950 --> 00:20:10,539

there was and was like okay well that's

513

00:20:07,569 --> 00:20:12,339

that's me that's more me than an atheist

514  
00:20:10,539 --> 00:20:14,559  
but I definitely am a very strong and

515  
00:20:12,339 --> 00:20:16,059  
ardent atheist as well but I kind of

516  
00:20:14,559 --> 00:20:18,309  
have to be in the town that I live in

517  
00:20:16,059 --> 00:20:20,319  
because if you don't come out and say

518  
00:20:18,309 --> 00:20:22,599  
that you are everyone assumes that you

519  
00:20:20,319 --> 00:20:24,970  
are Christian I work with domestic

520  
00:20:22,599 --> 00:20:27,129  
violence victims and rape crisis victims

521  
00:20:24,970 --> 00:20:29,289  
I work I've worked in the field for 15

522  
00:20:27,130 --> 00:20:31,210  
years now and ever since I got out of

523  
00:20:29,289 --> 00:20:32,799  
college basically because I've always

524  
00:20:31,210 --> 00:20:34,269  
been a feminist even as a little girl I

525  
00:20:32,799 --> 00:20:36,069  
told my mother I wanted to be a

526  
00:20:34,269 --> 00:20:38,079  
ballerina and a truck driver when I was

527  
00:20:36,069 --> 00:20:41,139  
five years old for me it was just a

528  
00:20:38,079 --> 00:20:43,329  
natural extension of what I was raised

529  
00:20:41,140 --> 00:20:46,480  
with that I would then fight for a

530  
00:20:43,329 --> 00:20:49,119  
woman's right that her body is hers and

531  
00:20:46,480 --> 00:20:51,009  
it is not to be hurt or assaulted by

532  
00:20:49,119 --> 00:20:53,409  
anyone and I say it's a woman's issue

533  
00:20:51,009 --> 00:20:55,029  
but just because the statistics do show

534  
00:20:53,410 --> 00:20:57,670  
that it is more likely to be a woman

535  
00:20:55,029 --> 00:20:59,289  
that is battered or raped but we

536  
00:20:57,670 --> 00:21:01,450  
certainly do have male victims it's

537  
00:20:59,289 --> 00:21:03,369  
something that for me I started out

538  
00:21:01,450 --> 00:21:04,840  
working directly with victims and then

539  
00:21:03,369 --> 00:21:06,519  
for the past five years I've been more

540  
00:21:04,839 --> 00:21:08,949  
in the administration and the

541  
00:21:06,519 --> 00:21:10,690  
fundraising grant writing piece so how

542

00:21:08,950 --> 00:21:12,920  
does skepticism in particular the

543  
00:21:10,690 --> 00:21:14,980  
questioning pseudoscience and pound

544  
00:21:12,920 --> 00:21:17,360  
or beliefs which are damaging or harmful

545  
00:21:14,980 --> 00:21:19,579  
predominant in society how does that

546  
00:21:17,359 --> 00:21:21,919  
interact with what you see is a feminist

547  
00:21:19,579 --> 00:21:24,259  
viewpoint well in my job especially I

548  
00:21:21,920 --> 00:21:26,500  
see the impact that religion has and the

549  
00:21:24,259 --> 00:21:28,430  
fact that in the south there are still

550  
00:21:26,500 --> 00:21:30,380  
religions that even though the

551  
00:21:28,430 --> 00:21:31,820  
mainstream religions may say that men

552  
00:21:30,380 --> 00:21:33,770  
and women are equal and that you can't

553  
00:21:31,819 --> 00:21:35,720  
beat your wife that there are plenty of

554  
00:21:33,769 --> 00:21:38,809  
creatures and reverends who are still

555  
00:21:35,720 --> 00:21:41,150  
basically behind the scenes saying that

556  
00:21:38,809 --> 00:21:42,889

it is ok that if you just pray hard

557

00:21:41,150 --> 00:21:44,840

enough and you're a good enough life and

558

00:21:42,890 --> 00:21:47,000

you come to Christian counseling but

559

00:21:44,839 --> 00:21:50,269

everything will be okay and that would

560

00:21:47,000 --> 00:21:52,609

be the biggest piece that I see I duties

561

00:21:50,269 --> 00:21:54,980

a lot of the therapists that I work with

562

00:21:52,609 --> 00:21:59,059

because a lot of them are very woo

563

00:21:54,980 --> 00:22:01,130

oriented with crystals and tapping like

564

00:21:59,059 --> 00:22:02,869

there's ever heard of tapping noise it

565

00:22:01,130 --> 00:22:05,510

nice on you ages but don't mean it's a

566

00:22:02,869 --> 00:22:07,519

new age type of therapy where while you

567

00:22:05,509 --> 00:22:09,710

are doing psychotherapy they do a

568

00:22:07,519 --> 00:22:11,750

rhythmic tapping on you that's supposed

569

00:22:09,710 --> 00:22:13,370

to stimulate a piece of your brain to

570

00:22:11,750 --> 00:22:16,339

help you heal from the trauma that

571  
00:22:13,369 --> 00:22:18,709  
you're discussing and I have a friend

572  
00:22:16,339 --> 00:22:20,839  
who I love in a door of no no for 15

573  
00:22:18,710 --> 00:22:23,750  
years and she does it and I think it's

574  
00:22:20,839 --> 00:22:26,449  
crap and that probably doesn't work but

575  
00:22:23,750 --> 00:22:29,000  
maybe it works in a placebo way for her

576  
00:22:26,450 --> 00:22:32,240  
and the client but I would I would never

577  
00:22:29,000 --> 00:22:34,430  
I would never go to her and and approach

578  
00:22:32,240 --> 00:22:36,430  
her with that she knows how I feel show

579  
00:22:34,430 --> 00:22:38,750  
me she knows that everybody everybody i

580  
00:22:36,430 --> 00:22:41,299  
know for more than five minutes knows

581  
00:22:38,750 --> 00:22:43,730  
where I stand on the majority of things

582  
00:22:41,299 --> 00:22:45,859  
in the world so she knows that I think

583  
00:22:43,730 --> 00:22:47,329  
it's silly but I'm also not going to

584  
00:22:45,859 --> 00:22:48,949  
attack her that's what she does you know

585  
00:22:47,329 --> 00:22:51,109  
because it's not taking the place of

586  
00:22:48,950 --> 00:22:53,210  
psychotherapy it's in addition to the

587  
00:22:51,109 --> 00:22:55,969  
psychotherapy well you have to find

588  
00:22:53,210 --> 00:22:57,410  
people that you can go and talk with you

589  
00:22:55,970 --> 00:23:02,600  
have to find people that you can get the

590  
00:22:57,410 --> 00:23:05,450  
frustration out with and I am someone

591  
00:23:02,599 --> 00:23:08,599  
who in terms of activism and they very

592  
00:23:05,450 --> 00:23:11,150  
in-your-face not worried about offending

593  
00:23:08,599 --> 00:23:14,299  
people and I found that people like me

594  
00:23:11,150 --> 00:23:18,080  
do best when paired with someone who is

595  
00:23:14,299 --> 00:23:21,529  
a far more conciliatory person and my

596  
00:23:18,079 --> 00:23:23,509  
boss is that so when we are together you

597  
00:23:21,529 --> 00:23:25,099  
know we balance out

598  
00:23:23,509 --> 00:23:26,839  
it's the whole catch more flies with

599

00:23:25,099 --> 00:23:29,000  
honey have you heard that good cop bad

600  
00:23:26,839 --> 00:23:31,449  
cop good cop it's exactly what it is

601  
00:23:29,000 --> 00:23:35,329  
good cut back up I'm the bad cop and

602  
00:23:31,450 --> 00:23:38,600  
never and you have to find someone that

603  
00:23:35,329 --> 00:23:40,699  
can balance that side of one person

604  
00:23:38,599 --> 00:23:42,049  
yelling and screaming you know that this

605  
00:23:40,700 --> 00:23:43,549  
is wrong this is wrong and the other

606  
00:23:42,049 --> 00:23:46,579  
person saying well maybe you should try

607  
00:23:43,549 --> 00:23:47,960  
it this way and it reminded me of on the

608  
00:23:46,579 --> 00:23:51,409  
panel the other day the difference

609  
00:23:47,960 --> 00:23:54,259  
between Jeff wag and the Daniel the

610  
00:23:51,410 --> 00:23:55,790  
atheists because he was like he says I'm

611  
00:23:54,259 --> 00:23:57,710  
not going to ever tell somebody there

612  
00:23:55,789 --> 00:23:59,269  
you know that it's okay for them to

613  
00:23:57,710 --> 00:24:01,130

believe in God he's like it's wrong it's

614

00:23:59,269 --> 00:24:04,339  
not true it's not real and that's

615

00:24:01,130 --> 00:24:06,230  
definitely how I am whereas you have to

616

00:24:04,339 --> 00:24:08,569  
kind of pair sometimes I think we need

617

00:24:06,230 --> 00:24:11,480  
both types of activism you definitely to

618

00:24:08,569 --> 00:24:13,909  
move forward you have to have both types

619

00:24:11,480 --> 00:24:15,289  
of activism there's also the situation

620

00:24:13,910 --> 00:24:17,420  
where there are going to be people who

621

00:24:15,289 --> 00:24:19,700  
are not atheists and yet they want to

622

00:24:17,420 --> 00:24:21,470  
stand with you and promote skepticism

623

00:24:19,700 --> 00:24:22,910  
they could be the therapist down the

624

00:24:21,470 --> 00:24:24,650  
hallway who happens to be a committed

625

00:24:22,910 --> 00:24:26,210  
Christian and yet is standing up saying

626

00:24:24,650 --> 00:24:28,370  
I can't believe that this particular

627

00:24:26,210 --> 00:24:30,200  
situation is happening I can't allow

628  
00:24:28,369 --> 00:24:32,419  
this therapy to go on where it's hurting

629  
00:24:30,200 --> 00:24:33,440  
someone so those sorts of options I

630  
00:24:32,420 --> 00:24:34,880  
guess I open as well and that's

631  
00:24:33,440 --> 00:24:36,410  
coalition-building I mean that's

632  
00:24:34,880 --> 00:24:39,710  
something within that you have to

633  
00:24:36,410 --> 00:24:42,050  
realize that it's which is very similar

634  
00:24:39,710 --> 00:24:43,490  
you know within liberalism in general

635  
00:24:42,049 --> 00:24:45,559  
the democratic party here in the united

636  
00:24:43,490 --> 00:24:47,809  
states that you have people who have

637  
00:24:45,559 --> 00:24:50,059  
realized that they share enough in

638  
00:24:47,809 --> 00:24:51,769  
common where if they want to achieve one

639  
00:24:50,059 --> 00:24:53,480  
goal they're all going to have to come

640  
00:24:51,769 --> 00:24:55,250  
together for just this little piece and

641  
00:24:53,480 --> 00:24:58,910  
i'm thinking of things like the gay

642  
00:24:55,250 --> 00:25:00,319  
rights groups minority groups unions you

643  
00:24:58,910 --> 00:25:03,320  
know they all come forward together to

644  
00:25:00,319 --> 00:25:06,289  
elect President Obama whereas what's

645  
00:25:03,319 --> 00:25:07,909  
scary is if we were to get you know what

646  
00:25:06,289 --> 00:25:10,579  
was it pin said if you get the gun

647  
00:25:07,910 --> 00:25:12,410  
people and the drug people together ya

648  
00:25:10,579 --> 00:25:14,359  
mean you don't want those people to get

649  
00:25:12,410 --> 00:25:16,700  
together but it's true that those people

650  
00:25:14,359 --> 00:25:18,709  
never get together but if they did they

651  
00:25:16,700 --> 00:25:21,110  
would be a very powerful voting so it's

652  
00:25:18,710 --> 00:25:24,269  
all about empowering finding networking

653  
00:25:21,109 --> 00:25:25,888  
opportunities talking to people

654  
00:25:24,269 --> 00:25:28,588  
and not being afraid you do not seem to

655  
00:25:25,888 --> 00:25:31,439  
be someone who's frightened easily no I

656

00:25:28,588 --> 00:25:33,028  
am NOT I'm not that's how I was raised I

657  
00:25:31,440 --> 00:25:35,580  
was raised like that my sister is an

658  
00:25:33,028 --> 00:25:37,829  
activist as well she works with drug

659  
00:25:35,579 --> 00:25:40,528  
addicts in the Ukraine and Russia and

660  
00:25:37,829 --> 00:25:42,509  
travels around in Europe teaching people

661  
00:25:40,528 --> 00:25:45,719  
how to work with IV drug users and

662  
00:25:42,509 --> 00:25:48,288  
alcoholics and in our family that's just

663  
00:25:45,719 --> 00:25:51,869  
what you do you we are loud we are

664  
00:25:48,288 --> 00:25:53,338  
defiant and we take it and work with

665  
00:25:51,868 --> 00:25:55,348  
people that we think needed and that

666  
00:25:53,338 --> 00:25:57,418  
ties again back into the importance of

667  
00:25:55,348 --> 00:26:00,479  
parenting doesn't it yes yes it does

668  
00:25:57,419 --> 00:26:02,309  
that I want my children to stand up for

669  
00:26:00,479 --> 00:26:04,409  
what they believe in but then sometimes

670  
00:26:02,308 --> 00:26:07,200

to you do have to realize that you

671

00:26:04,409 --> 00:26:08,789

everything is not a fight if people want

672

00:26:07,200 --> 00:26:10,619

to contact you and learn more about how

673

00:26:08,788 --> 00:26:13,019

to be a highly Anderson in their own

674

00:26:10,618 --> 00:26:16,069

community where could they go I would

675

00:26:13,019 --> 00:26:19,858

say they could go to my blog which is

676

00:26:16,069 --> 00:26:21,118

WWF at one in the middle julienne calm

677

00:26:19,858 --> 00:26:22,888

say that they get one more time just

678

00:26:21,118 --> 00:26:26,069

because people might be going did I

679

00:26:22,888 --> 00:26:31,288

really hear that gopis it's WWF at one

680

00:26:26,069 --> 00:26:34,138

in the middle com f Aton e th e mi ddle

681

00:26:31,288 --> 00:26:36,798

calm and you heard it here first on the

682

00:26:34,138 --> 00:26:39,628

skeptic zone thank you so much Heidi

683

00:26:36,798 --> 00:26:41,398

again thank you very much those parents

684

00:26:39,628 --> 00:26:42,928

educators and interested skeptical

685  
00:26:41,398 --> 00:26:46,278  
community members who came to the

686  
00:26:42,929 --> 00:26:46,278  
skeptics own presentations

687  
00:27:04,759 --> 00:27:09,390  
examining the truth in exposing the

688  
00:27:06,869 --> 00:27:11,219  
frauds bad psychics co uk is the website

689  
00:27:09,390 --> 00:27:13,320  
that critically examines mediums

690  
00:27:11,220 --> 00:27:15,180  
clairvoyants and psychics follow the

691  
00:27:13,319 --> 00:27:17,250  
controversies news and discussions in

692  
00:27:15,180 --> 00:27:18,750  
the lively forum community and now you

693  
00:27:17,250 --> 00:27:20,460  
can download your weekly fix of

694  
00:27:18,750 --> 00:27:22,799  
righteous indignation the official

695  
00:27:20,460 --> 00:27:24,059  
podcast of bad psychics khodet UK that

696  
00:27:22,799 --> 00:27:26,819  
talks hard and critically about

697  
00:27:24,059 --> 00:27:28,549  
paranormal bad psychics occurred at UK

698  
00:27:26,819 --> 00:27:41,129  
the UK's largest and most respected

699  
00:27:28,549 --> 00:27:43,889  
skeptical site looking at psychics now

700  
00:27:41,130 --> 00:27:49,560  
it's time for dr. Rachel reports with

701  
00:27:43,890 --> 00:27:52,170  
dr. Rachel Dunlop hello everyone and

702  
00:27:49,559 --> 00:27:53,909  
welcome to dr. Richie reports while

703  
00:27:52,170 --> 00:27:55,740  
Richard tells me that August was the

704  
00:27:53,910 --> 00:27:57,840  
last time I submitted a doctor ranchi

705  
00:27:55,740 --> 00:28:00,329  
for the zone Wow it doesn't seem like it

706  
00:27:57,839 --> 00:28:02,149  
was that long ago this is partly because

707  
00:28:00,329 --> 00:28:05,609  
I've been traveling around the u.s.

708  
00:28:02,150 --> 00:28:07,290  
firstly to dragoncon and then up the

709  
00:28:05,609 --> 00:28:10,409  
east coast of the United States to New

710  
00:28:07,289 --> 00:28:12,690  
York City and Boston in New York City I

711  
00:28:10,410 --> 00:28:14,550  
was on a panel at the very first north

712  
00:28:12,690 --> 00:28:17,730  
eastern conference on science and

713

00:28:14,549 --> 00:28:21,299  
skepticism or Nexus discussing the role

714  
00:28:17,730 --> 00:28:22,890  
of the media in science reporting stay

715  
00:28:21,299 --> 00:28:24,779  
tuned listeners for an interview with

716  
00:28:22,890 --> 00:28:26,730  
one of my fellow participants John

717  
00:28:24,779 --> 00:28:29,059  
Rennie who is the recently retired

718  
00:28:26,730 --> 00:28:31,650  
editor-in-chief of Scientific American

719  
00:28:29,059 --> 00:28:35,190  
this will be on the zone in the next few

720  
00:28:31,650 --> 00:28:37,230  
weeks Nexus was presented by the New

721  
00:28:35,190 --> 00:28:39,870  
England skeptical society and the New

722  
00:28:37,230 --> 00:28:41,849  
York City skeptics and coincided with

723  
00:28:39,869 --> 00:28:43,649  
the memorial parody Angeles live

724  
00:28:41,849 --> 00:28:46,349  
recording of the skeptics guide to the

725  
00:28:43,650 --> 00:28:49,350  
universe podcast the lineup was stellar

726  
00:28:46,349 --> 00:28:53,189  
and included of course SGU Richard

727  
00:28:49,349 --> 00:28:55,799

Wiseman Paul Offit Carl Zimmer George

728

00:28:53,190 --> 00:28:57,299

her AB amongst others many of our

729

00:28:55,799 --> 00:29:00,240

skeptical friends were also in the

730

00:28:57,299 --> 00:29:03,750

audience for Nexus including my poo of

731

00:29:00,240 --> 00:29:05,490

the famous smart acts website I spoke to

732

00:29:03,750 --> 00:29:07,799

a couple of people after the conference

733

00:29:05,490 --> 00:29:10,049

had ended and here's a chat i had with

734

00:29:07,799 --> 00:29:12,210

moo on stage before we

735

00:29:10,049 --> 00:29:14,490

for a speaker's dinner about the role of

736

00:29:12,210 --> 00:29:16,650

the media and scientists in reporting

737

00:29:14,490 --> 00:29:18,410

science to the public i'm here with

738

00:29:16,650 --> 00:29:20,960

mario and we've just finished the first

739

00:29:18,410 --> 00:29:23,160

nexus conference in new york city and

740

00:29:20,960 --> 00:29:25,170

that was a great conference what did you

741

00:29:23,160 --> 00:29:27,360

think yo it was awesome it was really

742  
00:29:25,170 --> 00:29:28,980  
great and people were standing I goes

743  
00:29:27,359 --> 00:29:31,199  
over book completely because I was

744  
00:29:28,980 --> 00:29:34,589  
standing on the door you know asking to

745  
00:29:31,200 --> 00:29:36,990  
get in there nowhere him 400 people here

746  
00:29:34,589 --> 00:29:38,939  
and it was now people still trying to

747  
00:29:36,990 --> 00:29:41,549  
get in right yes yes yeah they were

748  
00:29:38,940 --> 00:29:42,930  
selling tickets and that's in and people

749  
00:29:41,549 --> 00:29:47,009  
were just turned away because they were

750  
00:29:42,930 --> 00:29:49,890  
no more no more room yeah we had st you

751  
00:29:47,009 --> 00:29:53,609  
during a live broadcast and we had talks

752  
00:29:49,890 --> 00:29:55,680  
from richard wiseman was a special guest

753  
00:29:53,609 --> 00:29:57,359  
on SGU and we had Carl Zimmer doing a

754  
00:29:55,680 --> 00:29:59,310  
talk as the last twelve Paul of it

755  
00:29:57,359 --> 00:30:01,079  
started off the day talking about

756  
00:29:59,309 --> 00:30:03,210  
vaccines not today what was the

757  
00:30:01,079 --> 00:30:05,039  
highlight for you move oh it was

758  
00:30:03,210 --> 00:30:07,470  
actually the kernel that you were in

759  
00:30:05,039 --> 00:30:09,059  
really you're just saying that no I'm

760  
00:30:07,470 --> 00:30:10,350  
not actually it was it was a great

761  
00:30:09,059 --> 00:30:11,819  
discussion I think it's a discussion

762  
00:30:10,349 --> 00:30:13,709  
that's very important and I think that

763  
00:30:11,819 --> 00:30:15,569  
sometimes we you know we need to talk

764  
00:30:13,710 --> 00:30:18,299  
about it more we need to you know the

765  
00:30:15,569 --> 00:30:19,559  
entire idea of communicating everything

766  
00:30:18,299 --> 00:30:21,930  
and communicating it well not just

767  
00:30:19,559 --> 00:30:24,809  
between us but you know to the public

768  
00:30:21,930 --> 00:30:27,029  
that it not necessarily is you know

769  
00:30:24,809 --> 00:30:29,460  
layman I don't like that word is that

770

00:30:27,029 --> 00:30:31,740  
just you know doesn't care some

771  
00:30:29,460 --> 00:30:34,470  
something you need to do things in a way

772  
00:30:31,740 --> 00:30:37,019  
to entice the public and therefore the

773  
00:30:34,470 --> 00:30:39,329  
media you know and I thought the battle

774  
00:30:37,019 --> 00:30:41,490  
was awesome I was really the panel was

775  
00:30:39,329 --> 00:30:44,189  
about communicating science to the

776  
00:30:41,490 --> 00:30:45,899  
public and also to the media and how

777  
00:30:44,190 --> 00:30:48,929  
much tighter was representing this at a

778  
00:30:45,898 --> 00:30:50,489  
journalist the media side of it and then

779  
00:30:48,929 --> 00:30:51,870  
there was myself John Schneider and John

780  
00:30:50,490 --> 00:30:53,250  
Rainey was the moderator and he was

781  
00:30:51,869 --> 00:30:56,398  
being an editor of Scientific American

782  
00:30:53,250 --> 00:30:59,278  
for 15 years he's just retired like in

783  
00:30:56,398 --> 00:31:00,658  
June actually of July and you know there

784  
00:30:59,278 --> 00:31:02,099

was some good discussion wasn't that you

785

00:31:00,659 --> 00:31:03,750

were gonna ask a question what was that

786

00:31:02,099 --> 00:31:07,259

going to be and you got cut off yeah I

787

00:31:03,750 --> 00:31:08,609

was I was like three people before the

788

00:31:07,259 --> 00:31:10,319

microphone and then they cut off because

789

00:31:08,609 --> 00:31:12,750

they didn't have enough time I was about

790

00:31:10,319 --> 00:31:14,548

to make the comment that I think it's

791

00:31:12,750 --> 00:31:17,089

about a lot about responsibility you

792

00:31:14,548 --> 00:31:19,769

started to touch on that but I think

793

00:31:17,089 --> 00:31:21,839

when like in terms of journalists

794

00:31:19,769 --> 00:31:23,460

they're not just reporter reporters

795

00:31:21,839 --> 00:31:25,139

because the point was made that they

796

00:31:23,460 --> 00:31:27,269

need to give you know fairness they need

797

00:31:25,140 --> 00:31:29,220

to report all all sides but it's not

798

00:31:27,269 --> 00:31:31,048

just about reporting it's about you know

799

00:31:29,220 --> 00:31:32,399  
conveying a message and I think a

800

00:31:31,048 --> 00:31:34,589  
reporter needs to take into account that

801

00:31:32,398 --> 00:31:36,808  
because he's a no approaching or he has

802

00:31:34,589 --> 00:31:39,449  
a such a large audience there isn't a

803

00:31:36,808 --> 00:31:41,038  
issue here of responsibility but then

804

00:31:39,450 --> 00:31:42,778  
again on the on the same s because of

805

00:31:41,038 --> 00:31:44,278  
scientists need to understand that they

806

00:31:42,778 --> 00:31:46,259  
are appealing to the public and the

807

00:31:44,278 --> 00:31:47,849  
responsibility is to you know

808

00:31:46,259 --> 00:31:50,038  
communicate to the public and they

809

00:31:47,849 --> 00:31:50,599  
cannot stay inside their labs anymore

810

00:31:50,038 --> 00:31:53,660  
you know

811

00:31:50,599 --> 00:31:55,849  
you know just talk math to everybody

812

00:31:53,660 --> 00:31:58,970  
they have to figure a way to communicate

813  
00:31:55,849 --> 00:32:01,009  
that's well actually that discussion

814  
00:31:58,970 --> 00:32:03,410  
continued in the green room after the

815  
00:32:01,009 --> 00:32:04,879  
panel finished and myself and john

816  
00:32:03,410 --> 00:32:07,880  
schneider were having a bit of a go at

817  
00:32:04,880 --> 00:32:11,000  
harold and saying hang on because he's

818  
00:32:07,880 --> 00:32:12,590  
basically his point was it's up to the

819  
00:32:11,000 --> 00:32:14,359  
public to be educated enough to

820  
00:32:12,589 --> 00:32:17,178  
understand what was whether what we're

821  
00:32:14,359 --> 00:32:18,349  
saying is right and our point was to an

822  
00:32:17,179 --> 00:32:20,690  
extent but you still have a

823  
00:32:18,349 --> 00:32:21,980  
responsibility to report things

824  
00:32:20,690 --> 00:32:23,509  
accurately and correctly and

825  
00:32:21,980 --> 00:32:26,029  
particularly in the anti Baxter Bay

826  
00:32:23,509 --> 00:32:27,710  
that's very important disparity the word

827

00:32:26,029 --> 00:32:29,298  
autism and they you know that sticks in

828  
00:32:27,710 --> 00:32:31,308  
their head in it it's also a naive

829  
00:32:29,298 --> 00:32:32,900  
approach to get to to say like you know

830  
00:32:31,308 --> 00:32:34,308  
it's up to the public to to make up

831  
00:32:32,900 --> 00:32:35,419  
their minds the public will not make up

832  
00:32:34,308 --> 00:32:36,470  
their minds because it only goes don't

833  
00:32:35,419 --> 00:32:38,720  
understand it's just like you know I

834  
00:32:36,470 --> 00:32:41,480  
don't understand in biology I have

835  
00:32:38,720 --> 00:32:43,339  
enough you know responsibility in myself

836  
00:32:41,480 --> 00:32:45,769  
to go check out but if I hear someone I

837  
00:32:43,339 --> 00:32:47,959  
think it has Authority tell me something

838  
00:32:45,769 --> 00:32:48,918  
about biology I won't always check it

839  
00:32:47,960 --> 00:32:51,288  
out there is some things you don't

840  
00:32:48,919 --> 00:32:53,390  
believe them okay whatever so the public

841  
00:32:51,288 --> 00:32:55,730

believes you know people in authority

842

00:32:53,390 --> 00:32:58,870

and to say that you know oh it's up to

843

00:32:55,730 --> 00:33:02,240

the public the chick is just naive yeah

844

00:32:58,869 --> 00:33:04,369

it's been a really good day Mary great

845

00:33:02,240 --> 00:33:06,140

thanks for talking to us oh also it was

846

00:33:04,369 --> 00:33:10,009

great thanks for coming here yeah no

847

00:33:06,140 --> 00:33:12,440

worries a really great day so we're

848

00:33:10,009 --> 00:33:13,908

still here after the first Nexus

849

00:33:12,440 --> 00:33:15,919

conference in new york city and i'm with

850

00:33:13,909 --> 00:33:18,620

tim fally from what's the harm done and

851

00:33:15,919 --> 00:33:19,909

hello Tim hi how are you good how are

852

00:33:18,619 --> 00:33:21,589

you did you enjoy the conference today

853

00:33:19,909 --> 00:33:24,559

yeah it was great fun a lot of great

854

00:33:21,589 --> 00:33:25,970

lectures good panels it was fun yeah

855

00:33:24,558 --> 00:33:28,879

what was the highlight for you anything

856  
00:33:25,970 --> 00:33:31,009  
in particular I think caring dr. Paul

857  
00:33:28,880 --> 00:33:32,570  
offered speak early morning I've always

858  
00:33:31,009 --> 00:33:34,400  
wanted to hear him speak and I've got

859  
00:33:32,569 --> 00:33:36,319  
his book and he's just sent some great

860  
00:33:34,400 --> 00:33:38,480  
work with vaccines and he gave a great

861  
00:33:36,319 --> 00:33:40,069  
talk there's not a lot of funny stuff

862  
00:33:38,480 --> 00:33:41,690  
and a lot of really important stuff in

863  
00:33:40,069 --> 00:33:43,548  
it yeah yeah his talk was really

864  
00:33:41,690 --> 00:33:44,840  
interesting wasn't it and especially

865  
00:33:43,548 --> 00:33:46,579  
there was a picture shine of Jenny

866  
00:33:44,839 --> 00:33:48,619  
McCarthy and Oprah and there was an

867  
00:33:46,579 --> 00:33:50,298  
audible boo across the audience wasn't

868  
00:33:48,619 --> 00:33:53,089  
it right and then he asked the audience

869  
00:33:50,298 --> 00:33:54,798  
who they were booing at was at Oprah or

870  
00:33:53,089 --> 00:33:57,288  
Jenny McCarthy and everybody pretty

871  
00:33:54,798 --> 00:33:59,500  
universally said both yeah boy yeah yeah

872  
00:33:57,288 --> 00:34:02,329  
and then there was a picture of andrew

873  
00:33:59,500 --> 00:34:04,009  
wakefield and everyone was pretty

874  
00:34:02,329 --> 00:34:06,589  
unimpressed with that too I think yeah

875  
00:34:04,009 --> 00:34:08,480  
yeah in fact he's been a big part of the

876  
00:34:06,589 --> 00:34:10,519  
proceedings today Wakefield because of

877  
00:34:08,480 --> 00:34:12,349  
what he has done yeah Wakefield and the

878  
00:34:10,519 --> 00:34:14,210  
whole anti backs movement figured

879  
00:34:12,349 --> 00:34:16,668  
prominently in all the panel discussions

880  
00:34:14,210 --> 00:34:18,858  
and because dr. off it was here yeah I'd

881  
00:34:16,668 --> 00:34:21,349  
say I you know you have to say if you're

882  
00:34:18,858 --> 00:34:23,269  
a skeptic anti-vaccine it's got to be

883  
00:34:21,349 --> 00:34:25,069  
your number one agenda item right now in

884

00:34:23,269 --> 00:34:28,639  
every country it's the biggest problem

885  
00:34:25,070 --> 00:34:31,909  
we face yeah I'm with Susan Becker some

886  
00:34:28,639 --> 00:34:33,769  
of the season and Erin Murray hi Erin

887  
00:34:31,909 --> 00:34:35,419  
you guys enjoy the conference today I

888  
00:34:33,769 --> 00:34:37,460  
love that have been looking forward to

889  
00:34:35,418 --> 00:34:41,538  
it for four months ever since they

890  
00:34:37,460 --> 00:34:44,088  
announced that was real excited to see

891  
00:34:41,539 --> 00:34:45,440  
fall off its feet big fan of his I love

892  
00:34:44,088 --> 00:34:47,119  
this book actually bought it for

893  
00:34:45,440 --> 00:34:50,568  
somebody and then stole the back room so

894  
00:34:47,119 --> 00:34:53,389  
I got really yeah and at a friend who

895  
00:34:50,568 --> 00:34:54,588  
was wanted to work with autistic kids so

896  
00:34:53,389 --> 00:34:57,740  
I actually bought it for her as a gift

897  
00:34:54,588 --> 00:35:00,949  
yeah yeah and obviously I was looking

898  
00:34:57,739 --> 00:35:03,288

forward to meeting John Rennie longtime

899

00:35:00,949 --> 00:35:04,788

subscriber to Scientific American but

900

00:35:03,289 --> 00:35:06,980

that was great i first heard about it a

901

00:35:04,789 --> 00:35:08,960

few months ago on the SGU podcast and

902

00:35:06,980 --> 00:35:10,789

it's my first skeptical part of my

903

00:35:08,960 --> 00:35:13,068

friend for skeptical conference oh

904

00:35:10,789 --> 00:35:14,510

really very exciting really enjoyed it I

905

00:35:13,068 --> 00:35:16,548

have a lot of books to add to my reading

906

00:35:14,510 --> 00:35:20,809

list and book in particular I think it's

907

00:35:16,548 --> 00:35:23,809

called 59 seconds oh that book do you

908

00:35:20,809 --> 00:35:25,940

remember that for 59 seconds it sounds

909

00:35:23,809 --> 00:35:28,430

familiar about oh yeah I heard it comes

910

00:35:25,940 --> 00:35:30,139

out in January to you does it yeah

911

00:35:28,429 --> 00:35:32,690

that's like a rumor about that yeah I

912

00:35:30,139 --> 00:35:34,818

heard it comes out in America in January

913  
00:35:32,690 --> 00:35:37,429  
well what everyone's talking about here

914  
00:35:34,818 --> 00:35:39,409  
is Richard Wiseman's new book 59 seconds

915  
00:35:37,429 --> 00:35:41,389  
he was promoting that quite heavily

916  
00:35:39,409 --> 00:35:44,058  
wasn't he too i think he managed to work

917  
00:35:41,389 --> 00:35:47,269  
a plug in approximately eleven hundred

918  
00:35:44,059 --> 00:35:48,890  
times yeah it was it was quite good and

919  
00:35:47,269 --> 00:35:51,048  
then by the end of the day he even had

920  
00:35:48,889 --> 00:35:53,719  
the moderators plugging it for him yeah

921  
00:35:51,048 --> 00:35:55,548  
add some people from the audience to a

922  
00:35:53,719 --> 00:35:58,399  
guy who got up and ask a question also

923  
00:35:55,548 --> 00:36:00,619  
quite this book so this is the first

924  
00:35:58,400 --> 00:36:03,079  
nexus and probably not the last I

925  
00:36:00,619 --> 00:36:04,480  
wouldn't think I hope so yeah so we

926  
00:36:03,079 --> 00:36:06,789  
might see you next year Oh

927  
00:36:04,480 --> 00:36:09,130  
that night so the following day in New

928  
00:36:06,789 --> 00:36:10,690  
York City I headed downtown to meet with

929  
00:36:09,130 --> 00:36:13,180  
some fellow skeptics for a brunch

930  
00:36:10,690 --> 00:36:15,250  
rebecca watson was in attendance so i

931  
00:36:13,179 --> 00:36:19,118  
took the opportunity to ask her how she

932  
00:36:15,250 --> 00:36:22,150  
thought the nexus conference went this

933  
00:36:19,119 --> 00:36:23,858  
is this is basically the continuation of

934  
00:36:22,150 --> 00:36:25,599  
the library skeptics guide of the

935  
00:36:23,858 --> 00:36:28,449  
universe podcast we've been doing every

936  
00:36:25,599 --> 00:36:31,980  
year and this was by far the best year

937  
00:36:28,449 --> 00:36:34,750  
ever sorry you guys couldn't make it

938  
00:36:31,980 --> 00:36:36,760  
it's never gonna be this good again you

939  
00:36:34,750 --> 00:36:41,340  
missed a once-in-a-lifetime opportunity

940  
00:36:36,760 --> 00:36:41,340  
there are three gold bricks for everyone

941

00:36:41,699 --> 00:36:48,639  
but no it was so great because I thought

942  
00:36:46,000 --> 00:36:51,010  
that all the speakers were spot on there

943  
00:36:48,639 --> 00:36:53,049  
was an interesting discussion there were

944  
00:36:51,010 --> 00:36:55,210  
points brought up at even I universally

945  
00:36:53,050 --> 00:36:57,519  
considered before that made me think

946  
00:36:55,210 --> 00:37:00,429  
harder about my position on things and

947  
00:36:57,519 --> 00:37:02,050  
that to me is a successful conference is

948  
00:37:00,429 --> 00:37:04,899  
something that allows you to generate

949  
00:37:02,050 --> 00:37:08,859  
new ideas and leave people energized to

950  
00:37:04,900 --> 00:37:11,170  
go out and using more skepta see ya yeah

951  
00:37:08,858 --> 00:37:13,449  
i think so i thought the little Bacon's

952  
00:37:11,170 --> 00:37:16,789  
understand was so high it was just as

953  
00:37:13,449 --> 00:37:19,379  
we had pull open to a talk to start off

954  
00:37:16,789 --> 00:37:21,000  
and then we finished up with pal CMO he

955  
00:37:19,380 --> 00:37:22,829

was also a fantastic and they went in

956

00:37:21,000 --> 00:37:25,710

between me and Richard Wiseman and you

957

00:37:22,829 --> 00:37:29,250

guys did the live show with top quality

958

00:37:25,710 --> 00:37:30,780

stuff really great I thought that Carl

959

00:37:29,250 --> 00:37:34,048

Zimmer and Paul Offit were the perfect

960

00:37:30,780 --> 00:37:36,740

book is they are both these amazingly

961

00:37:34,048 --> 00:37:40,409

intelligent and compassionate and

962

00:37:36,739 --> 00:37:42,929

passionate people who really energized

963

00:37:40,409 --> 00:37:44,489

the audience and even when they're

964

00:37:42,929 --> 00:37:47,399

saying things that the audience already

965

00:37:44,489 --> 00:37:50,548

knows the audience clearly loves it and

966

00:37:47,400 --> 00:37:54,380

so I I adored every second of them and

967

00:37:50,548 --> 00:37:57,150

i'm so glad i got something out yes

968

00:37:54,380 --> 00:38:00,180

wasn't it yeah it was we sold out all

969

00:37:57,150 --> 00:38:02,849

400 seats so now we're looking at next

970  
00:38:00,179 --> 00:38:04,409  
year and I should mention that the New

971  
00:38:02,849 --> 00:38:06,900  
York City skeptics and in particular

972  
00:38:04,409 --> 00:38:08,279  
Mike Feldman is basically the skeptics

973  
00:38:06,900 --> 00:38:10,619  
guide teaming with the nearest a

974  
00:38:08,280 --> 00:38:14,780  
skeptics but Mike meldman who runs near

975  
00:38:10,619 --> 00:38:18,059  
city skeptics did so much work and it

976  
00:38:14,780 --> 00:38:20,940  
went off flawlessly everything was was

977  
00:38:18,059 --> 00:38:22,440  
so wonderfully done and so next year I'm

978  
00:38:20,940 --> 00:38:24,568  
really hoping that we can come together

979  
00:38:22,440 --> 00:38:27,269  
and do it again and make it even bigger

980  
00:38:24,568 --> 00:38:29,159  
and maybe go we're looking at options

981  
00:38:27,269 --> 00:38:31,559  
like go into two days

982  
00:38:29,159 --> 00:38:34,469  
maybe you sweating out to other other

983  
00:38:31,559 --> 00:38:37,140  
buildings we just want to make it bigger

984  
00:38:34,469 --> 00:38:38,250  
and better and then it was the previous

985  
00:38:37,139 --> 00:38:41,670  
year which is going to be difficult

986  
00:38:38,250 --> 00:38:43,769  
because it was so cool yeah you guys did

987  
00:38:41,670 --> 00:38:48,030  
miss out it was amazing day yesterday

988  
00:38:43,769 --> 00:38:51,059  
I'll be crying myself until next year's

989  
00:38:48,030 --> 00:38:53,039  
conference I that's good to know so

990  
00:38:51,059 --> 00:38:56,548  
folks as you can gather Nexus was an

991  
00:38:53,039 --> 00:38:58,559  
overwhelming success so make sure you

992  
00:38:56,548 --> 00:39:03,509  
mark Nexus down in your calendar for

993  
00:38:58,559 --> 00:39:05,670  
must-see skeptical conferences so after

994  
00:39:03,510 --> 00:39:08,640  
the great fun of Nexus in New York City

995  
00:39:05,670 --> 00:39:11,789  
I took a bus up to Boston to do a talk

996  
00:39:08,639 --> 00:39:14,159  
for Boston skeptics in the pub a big

997  
00:39:11,789 --> 00:39:16,049  
thank you to rebecca watson liz and

998

00:39:14,159 --> 00:39:17,730  
maggie for helping to organize this

999  
00:39:16,048 --> 00:39:21,030  
event and of course to maggie for

1000  
00:39:17,730 --> 00:39:23,068  
filming the event the video of my talk

1001  
00:39:21,030 --> 00:39:25,289  
is now available online at Boston

1002  
00:39:23,068 --> 00:39:27,509  
skeptics com so if you want to see me

1003  
00:39:25,289 --> 00:39:30,180  
rant and rave about alternative medicine

1004  
00:39:27,510 --> 00:39:33,270  
and anti-vaxxers head to Boston skeptics

1005  
00:39:30,179 --> 00:39:35,818  
to watch the video and until next time

1006  
00:39:33,269 --> 00:39:40,849  
and until my next trip overseas in a

1007  
00:39:35,818 --> 00:39:40,849  
month this has been dr. Richie reports

1008  
00:39:44,809 --> 00:39:50,190  
this is brian dunning from the sceptile

1009  
00:39:47,519 --> 00:39:54,570  
podcast been enjoying your critical

1010  
00:39:50,190 --> 00:39:57,000  
thinking shows in audio only you've been

1011  
00:39:54,570 --> 00:40:02,039  
missing half the fun check out my new

1012  
00:39:57,000 --> 00:40:06,659

video podcast in fact on itunes or click

1013

00:40:02,039 --> 00:40:09,239

it on skep tied com3 pilot episodes of

1014

00:40:06,659 --> 00:40:11,699

in fact are available now for immediate

1015

00:40:09,239 --> 00:40:14,039

viewing I'm looking for sponsorship to

1016

00:40:11,699 --> 00:40:16,889

produce an entire first season of 13

1017

00:40:14,039 --> 00:40:19,110

episodes and hopefully many more seasons

1018

00:40:16,889 --> 00:40:21,239

to follow you can see the whole lineup

1019

00:40:19,110 --> 00:40:24,360

and get all the other nuts and bolts if

1020

00:40:21,239 --> 00:40:27,629

you go to sceptile calm and click on in

1021

00:40:24,360 --> 00:40:29,430

fact and don't forget to come back to

1022

00:40:27,630 --> 00:40:33,470

the skeptic zone when you're done

1023

00:40:29,429 --> 00:40:36,269

watching I I think it's audio only but

1024

00:40:33,469 --> 00:40:40,699

that's okay I still like it this is

1025

00:40:36,269 --> 00:40:40,699

brian dunning from sceptile calm

1026

00:40:49,219 --> 00:40:53,279

welcome to the token skeptic quick

1027  
00:40:51,358 --> 00:40:55,949  
roundup of blog sites podcasts and

1028  
00:40:53,280 --> 00:40:57,630  
conferences coming up firstly skeptic

1029  
00:40:55,949 --> 00:40:59,939  
North is the first blog to have a truly

1030  
00:40:57,630 --> 00:41:01,740  
paying Canadians cope they have a great

1031  
00:40:59,940 --> 00:41:03,568  
team of Canadian skeptic authors from

1032  
00:41:01,739 --> 00:41:05,548  
across the country and from a wide range

1033  
00:41:03,568 --> 00:41:08,039  
of backgrounds both academic and

1034  
00:41:05,548 --> 00:41:10,048  
professional their site is skeptic

1035  
00:41:08,039 --> 00:41:11,759  
NORTHCOM and you should check out the

1036  
00:41:10,048 --> 00:41:14,130  
blog interview with junior skeptics

1037  
00:41:11,760 --> 00:41:17,309  
Daniel Loxton by skeptically speaking

1038  
00:41:14,130 --> 00:41:20,400  
host desirae shell skeptic zone is a big

1039  
00:41:17,309 --> 00:41:23,190  
supporter of the PASOK award-winning 365

1040  
00:41:20,400 --> 00:41:25,380  
days of astronomy podcast our reports

1041  
00:41:23,190 --> 00:41:27,900  
include may the 14th with Tiffany day

1042  
00:41:25,380 --> 00:41:30,119  
myself Carly Sturgis on July the first

1043  
00:41:27,900 --> 00:41:34,740  
and now Richard Saunders has contributed

1044  
00:41:30,119 --> 00:41:36,510  
in episode 4 september the 23rd the 365

1045  
00:41:34,739 --> 00:41:39,449  
days of astronomy podcasts hope to

1046  
00:41:36,510 --> 00:41:42,540  
continue the show into 2010 head to

1047  
00:41:39,449 --> 00:41:44,399  
their site at 365 days of astronomy org

1048  
00:41:42,539 --> 00:41:46,889  
for more news about donating and

1049  
00:41:44,400 --> 00:41:49,139  
contributing further contact right now

1050  
00:41:46,889 --> 00:41:51,659  
Tom London is happening and rise of

1051  
00:41:49,139 --> 00:41:53,489  
atheism is on the horizon the global

1052  
00:41:51,659 --> 00:41:56,699  
convention is held in melbourne from the

1053  
00:41:53,489 --> 00:41:58,558  
12 to the 14th of march 2010 and tickets

1054  
00:41:56,699 --> 00:42:01,169  
are now selling at atheist convention

1055

00:41:58,559 --> 00:42:03,510  
org a youth it will feature Richard

1056  
00:42:01,170 --> 00:42:06,210  
Dawkins peas admirers Robin Williams

1057  
00:42:03,510 --> 00:42:07,770  
Phillip Adams and many others the

1058  
00:42:06,210 --> 00:42:10,380  
Australian skeptics National Convention

1059  
00:42:07,769 --> 00:42:11,969  
is happening even sooner in Brisbane at

1060  
00:42:10,380 --> 00:42:15,568  
the University of Queensland from

1061  
00:42:11,969 --> 00:42:18,389  
November the 27 to the 29 the Australian

1062  
00:42:15,568 --> 00:42:21,989  
skeptics website at skeptics Comte you

1063  
00:42:18,389 --> 00:42:23,578  
features further details the New York

1064  
00:42:21,989 --> 00:42:26,068  
skeptics who just held the Nexus

1065  
00:42:23,579 --> 00:42:28,559  
conference where dr. HC presented now

1066  
00:42:26,068 --> 00:42:31,500  
has a blog to the Gotham skeptics blog

1067  
00:42:28,559 --> 00:42:33,839  
is found at NYC skeptics toddle ford /

1068  
00:42:31,500 --> 00:42:35,400  
vlog and anyone around the world can be

1069  
00:42:33,838 --> 00:42:38,338

a supporter of the New York City

1070

00:42:35,400 --> 00:42:40,710

skeptics finally grassroots skeptics at

1071

00:42:38,338 --> 00:42:43,048

ohio skeptic calm forward slash

1072

00:42:40,710 --> 00:42:44,579

grassroots skeptics they're all about

1073

00:42:43,048 --> 00:42:46,829

activism and then looking for

1074

00:42:44,579 --> 00:42:50,359

contributing writers sign up the news

1075

00:42:46,829 --> 00:42:50,359

and information on their son

1076

00:43:09,019 --> 00:43:13,230

thank you for listening to the skeptic

1077

00:43:11,460 --> 00:43:14,849

zone i think we had more guest

1078

00:43:13,230 --> 00:43:17,639

interviews than ever before on this

1079

00:43:14,849 --> 00:43:20,309

episode so until next week this is

1080

00:43:17,639 --> 00:43:25,589

Richard Saunders signing off from Sydney

1081

00:43:20,309 --> 00:43:29,309

Australia you've been listening to the

1082

00:43:25,590 --> 00:43:33,120

skeptic zone visit our website at www

1083

00:43:29,309 --> 00:43:36,358

skeptics on TV for comments contacts and

1084  
00:43:33,119 --> 00:43:40,098  
extra video reports

1085  
00:43:36,358 --> 00:43:40,098  
I skin

1086  
00:43:41,269 --> 00:43:43,300  
Oh

1087  
00:43:55,268 --> 00:43:57,328  
you