

SK≡PTIKO
science & spirituality

***MASK SCIENCE,
BIG LIE?***

#523-ANDY-PAQUETTE



1
00:00:04,230 --> 00:00:02,389
a large study on masks details their

2
00:00:04,230 --> 00:00:05,269
importance in the fight against coven

3
00:00:09,030 --> 00:00:07,190
for an in-depth look we spoke to one of

4
00:00:11,509 --> 00:00:09,040
the lead authors of that study

5
00:00:14,310 --> 00:00:11,519
researchers at stanford yale and uc

6
00:00:16,630 --> 00:00:14,320
berkeley analyzed 350 000 adults in

7
00:00:18,950 --> 00:00:16,640
bangladesh now they took half of that

8
00:00:22,310 --> 00:00:18,960
group and encouraged them to wear masks

9
00:00:24,550 --> 00:00:22,320
29 of them uh complied with that for

10
00:00:27,830 --> 00:00:24,560
about a 10-week period they found that

11
00:00:29,349 --> 00:00:27,840
max in general provided a 9 reduction in

12
00:00:31,830 --> 00:00:29,359
cases

13
00:00:34,310 --> 00:00:31,840

yeah junk science and today on skeptico

14

00:00:36,630 --> 00:00:34,320

our guest dr andy paquette will break

15

00:00:37,670 --> 00:00:36,640

down what is one of the most deceptive

16

00:00:39,750 --> 00:00:37,680

studies

17

00:00:41,510 --> 00:00:39,760

i've run across i mean this discussion

18

00:00:44,310 --> 00:00:41,520

even brought us back to the sheldrick

19

00:00:45,110 --> 00:00:44,320

wiseman days but let's roll on with the

20

00:00:47,510 --> 00:00:45,120

clip

21

00:00:50,549 --> 00:00:47,520

surgical masks were even more efficient

22

00:00:52,549 --> 00:00:50,559

reducing cases by 11 percent

23

00:00:54,630 --> 00:00:52,559

ashley stewsinski one of the lead

24

00:00:56,709 --> 00:00:54,640

authors in the study and an infectious

25

00:00:58,950 --> 00:00:56,719

disease fellow at stanford says the

26
00:01:01,349 --> 00:00:58,960
results offer a glimpse of just how much

27
00:01:02,950 --> 00:01:01,359
masks matter

28
00:01:05,189 --> 00:01:02,960
so overall we felt that this

29
00:01:08,469 --> 00:01:05,199
demonstrated that masks are highly

30
00:01:10,469 --> 00:01:08,479
effective in reducing copin 19.

31
00:01:13,350 --> 00:01:10,479
yeah alex i gotta say like a couple

32
00:01:15,350 --> 00:01:13,360
things i'm sorry this is just yeah first

33
00:01:17,109 --> 00:01:15,360
off the first headline was much more

34
00:01:18,789 --> 00:01:17,119
sensational than the second one both of

35
00:01:20,310 --> 00:01:18,799
them are not based on any kind of

36
00:01:22,230 --> 00:01:20,320
foundation of evidence found in this

37
00:01:25,749 --> 00:01:22,240
article but the thing that really got me

38
00:01:27,910 --> 00:01:25,759

was that clip of the uh the tv news so

39

00:01:30,870 --> 00:01:27,920

the tv announcer says that they found a

40

00:01:32,630 --> 00:01:30,880

nine percent reduction in cases and then

41

00:01:33,990 --> 00:01:32,640

the lady says yes it's nine percent up

42

00:01:35,510 --> 00:01:34,000

to 11

43

00:01:37,830 --> 00:01:35,520

for this other condition and i'm

44

00:01:39,510 --> 00:01:37,840

thinking i just read that paper and what

45

00:01:41,350 --> 00:01:39,520

they just said is wrong it's a nine

46

00:01:43,030 --> 00:01:41,360

percent relative reduction the actual

47

00:01:45,109 --> 00:01:43,040

absolute reduction

48

00:01:47,429 --> 00:01:45,119

was something like point zero zero two

49

00:01:49,830 --> 00:01:47,439

percent it was tiny

50

00:01:52,469 --> 00:01:49,840

the headline to me is

51
00:01:54,550 --> 00:01:52,479
big lie and when i say big lie mean it's

52
00:01:57,510 --> 00:01:54,560
kind of well known in propaganda

53
00:01:59,830 --> 00:01:57,520
is the best way to hide a lie is to make

54
00:02:01,990 --> 00:01:59,840
it a big lie because little lies are

55
00:02:04,310 --> 00:02:02,000
liable to be exposed if they would have

56
00:02:06,709 --> 00:02:04,320
just tried to bury this study and not

57
00:02:09,350 --> 00:02:06,719
put it out and someone stumbled across

58
00:02:12,550 --> 00:02:09,360
it and said hey here's another null

59
00:02:14,309 --> 00:02:12,560
result stack it alongside the the danish

60
00:02:16,869 --> 00:02:14,319
study that just came out randomized

61
00:02:19,030 --> 00:02:16,879
control study that shows no result stack

62
00:02:21,350 --> 00:02:19,040
it along with all the epidemiological

63
00:02:24,309 --> 00:02:21,360

data which we should talk about i think

64

00:02:26,710 --> 00:02:24,319

what they've done is they've hyped it up

65

00:02:29,510 --> 00:02:26,720

in order to bury it so the debate

66

00:02:31,270 --> 00:02:29,520

becomes well you know did they really do

67

00:02:33,430 --> 00:02:31,280

it you know did they do this right who

68

00:02:34,949 --> 00:02:33,440

did they force to do it when what the

69

00:02:37,270 --> 00:02:34,959

real story is

70

00:02:39,110 --> 00:02:37,280

another null result

71

00:02:41,190 --> 00:02:39,120

welcome to skeptico where we explore

72

00:02:43,509 --> 00:02:41,200

controversial science and spirituality

73

00:02:46,229 --> 00:02:43,519

with leading researchers thinkers and

74

00:02:48,790 --> 00:02:46,239

their critics i'm your host alex sacaris

75

00:02:50,949 --> 00:02:48,800

and today we welcome back dr andrew

76

00:02:53,589 --> 00:02:50,959

paquette de skeptico

77

00:02:56,309 --> 00:02:53,599

andy is probably best known

78

00:03:00,070 --> 00:02:56,319

at least to skeptical listeners

79

00:03:04,070 --> 00:03:00,080

for his work in cataloging and analyzing

80

00:03:06,390 --> 00:03:04,080

just an amazing collection of dreams and

81

00:03:08,470 --> 00:03:06,400

we talked to andy way back in the day

82

00:03:10,149 --> 00:03:08,480

when this book dreamer 20 years of

83

00:03:13,030 --> 00:03:10,159

psychic dreams and how they changed my

84

00:03:15,910 --> 00:03:13,040

life when that book came out and i have

85

00:03:17,589 --> 00:03:15,920

stayed in contact with andy he's really

86

00:03:18,710 --> 00:03:17,599

become a friend of mine and a friend of

87

00:03:19,589 --> 00:03:18,720

the shows

88

00:03:21,430 --> 00:03:19,599

he's

89

00:03:23,110 --> 00:03:21,440

also i should mention as you might have

90

00:03:25,350 --> 00:03:23,120

seen from the website of his that i

91

00:03:27,910 --> 00:03:25,360

pulled up there he is

92

00:03:29,910 --> 00:03:27,920

just an incredible artist

93

00:03:32,710 --> 00:03:29,920

and somewhat well known he's also a

94

00:03:35,990 --> 00:03:32,720

professional photographer has done work

95

00:03:37,509 --> 00:03:36,000

in major publications major media

96

00:03:39,589 --> 00:03:37,519

publications maybe he'll mention him

97

00:03:41,990 --> 00:03:39,599

that anyone would know he's also a

98

00:03:44,229 --> 00:03:42,000

graphic artist and

99

00:03:46,630 --> 00:03:44,239

he a couple years ago he got his phd

100

00:03:48,789 --> 00:03:46,640

from king's college london on something

101
00:03:51,990 --> 00:03:48,799
called spatial visualization among

102
00:03:53,589 --> 00:03:52,000
digital artists which i don't know what

103
00:03:55,110 --> 00:03:53,599
that means

104
00:03:56,710 --> 00:03:55,120
but now that i've laid out andy's

105
00:03:59,270 --> 00:03:56,720
amazing background i want to tell you we

106
00:04:03,030 --> 00:03:59,280
are probably not going to talk about

107
00:04:06,390 --> 00:04:03,040
much of any of that today because

108
00:04:08,229 --> 00:04:06,400
andy is this renaissance man of bio that

109
00:04:10,309 --> 00:04:08,239
covers all these different things

110
00:04:12,470 --> 00:04:10,319
but one of the things i always think of

111
00:04:15,429 --> 00:04:12,480
andy and the reason he's kind of my

112
00:04:17,670 --> 00:04:15,439
go-to guy for this particular show is he

113
00:04:20,069 --> 00:04:17,680

is a scientist i mean he's published in

114

00:04:21,749 --> 00:04:20,079

peer-reviewed journals particularly he's

115

00:04:23,990 --> 00:04:21,759

published in the journal of scientific

116

00:04:25,430 --> 00:04:24,000

exploration a couple times but he's also

117

00:04:27,590 --> 00:04:25,440

published in

118

00:04:29,670 --> 00:04:27,600

other peer-reviewed journals but the one

119

00:04:31,590 --> 00:04:29,680

that always pops to my mind is the

120

00:04:34,230 --> 00:04:31,600

journal of scientific exploration

121

00:04:37,270 --> 00:04:34,240

because i know the standards there i

122

00:04:39,909 --> 00:04:37,280

know how tough it is because it is its

123

00:04:42,310 --> 00:04:39,919

roots are as a parapsychology journal

124

00:04:45,030 --> 00:04:42,320

and parapsychologists have been so

125

00:04:47,030 --> 00:04:45,040

picked on over the years that they're

126

00:04:49,909 --> 00:04:47,040

extra careful about how they do their

127

00:04:52,469 --> 00:04:49,919

work and andy has been extra careful

128

00:04:54,550 --> 00:04:52,479

about that and i know over the years as

129

00:04:57,590 --> 00:04:54,560

he shared some of his

130

00:04:59,990 --> 00:04:57,600

papers with me i've seen how he sweated

131

00:05:02,390 --> 00:05:00,000

over the details of getting the

132

00:05:03,830 --> 00:05:02,400

statistics right and in a minute as we

133

00:05:05,270 --> 00:05:03,840

get on with this interview maybe he'll

134

00:05:06,310 --> 00:05:05,280

even tell you about

135

00:05:09,189 --> 00:05:06,320

when he

136

00:05:12,310 --> 00:05:09,199

kind of leaned on dr daryl bem very

137

00:05:14,390 --> 00:05:12,320

famous professor from cornell who's also

138

00:05:17,189 --> 00:05:14,400

well published in this field and how

139

00:05:19,670 --> 00:05:17,199

andy collaborated with him as scientists

140

00:05:21,590 --> 00:05:19,680

do to get their science right to get

141

00:05:24,469 --> 00:05:21,600

their statistics right

142

00:05:28,710 --> 00:05:24,479

so all that is just a background for

143

00:05:30,870 --> 00:05:28,720

why i felt andy was a perfect perfect

144

00:05:33,270 --> 00:05:30,880

fit as a go-to guy

145

00:05:35,830 --> 00:05:33,280

to analyze this

146

00:05:38,710 --> 00:05:35,840

very very interesting study that we're

147

00:05:41,110 --> 00:05:38,720

going to look at today but before we get

148

00:05:42,150 --> 00:05:41,120

into it and we will get into it really

149

00:05:44,790 --> 00:05:42,160

quickly

150

00:05:46,710 --> 00:05:44,800

andy welcome welcome back and thanks for

151
00:05:47,510 --> 00:05:46,720
joining me what else did i leave out of

152
00:05:53,990 --> 00:05:47,520
that

153
00:05:55,909 --> 00:05:54,000
well you you did leave out the writing

154
00:05:58,950 --> 00:05:55,919
i've been doing lately

155
00:06:00,870 --> 00:05:58,960
because i on the call i was making i

156
00:06:03,590 --> 00:06:00,880
guess it was about a year ago

157
00:06:05,510 --> 00:06:03,600
relating to a photo shoot i wound up

158
00:06:07,110 --> 00:06:05,520
instead talking myself into a job as a

159
00:06:09,350 --> 00:06:07,120
staff writer

160
00:06:11,430 --> 00:06:09,360
writing articles about current events

161
00:06:13,430 --> 00:06:11,440
and that was for an online publication

162
00:06:14,950 --> 00:06:13,440
called law enforcement today

163
00:06:17,830 --> 00:06:14,960

and then i've been doing that more

164

00:06:21,189 --> 00:06:17,840

recently for red voice media where i've

165

00:06:24,070 --> 00:06:21,199

just become a regular columnist so and

166

00:06:25,830 --> 00:06:24,080

the as far as the number of articles at

167

00:06:27,670 --> 00:06:25,840

the journal of scientific exploration i

168

00:06:29,590 --> 00:06:27,680

believe it's five that they've published

169

00:06:31,590 --> 00:06:29,600

one for the international journal

170

00:06:33,749 --> 00:06:31,600

journal of dream research and another

171

00:06:36,870 --> 00:06:33,759

one one that i did in a journal on

172

00:06:39,189 --> 00:06:36,880

education research my my research for my

173

00:06:40,309 --> 00:06:39,199

phd was about the development of

174

00:06:42,550 --> 00:06:40,319

professional

175

00:06:45,110 --> 00:06:42,560

levels of competence and i used computer

176

00:06:46,950 --> 00:06:45,120

graphics artists as as a group that i

177

00:06:49,589 --> 00:06:46,960

was going to study to to find that but

178

00:06:52,150 --> 00:06:49,599

the overall goal is just to look at how

179

00:06:54,870 --> 00:06:52,160

competence or proficiency or even

180

00:06:56,550 --> 00:06:54,880

expertise is achieved primarily because

181

00:06:59,990 --> 00:06:56,560

i wanted to contest

182

00:07:01,670 --> 00:07:00,000

the idea that you actually have to like

183

00:07:03,589 --> 00:07:01,680

study something hard for 10 years in

184

00:07:04,390 --> 00:07:03,599

order to gain expertise my impression

185

00:07:06,950 --> 00:07:04,400

was

186

00:07:09,909 --> 00:07:06,960

if you found the key concepts that

187

00:07:11,589 --> 00:07:09,919

defined expertise and you did it quickly

188

00:07:15,110 --> 00:07:11,599

you would be an expert even if it took

189

00:07:16,390 --> 00:07:15,120

you 30 days and i was able to show that

190

00:07:19,589 --> 00:07:16,400

there's probably a few other things i

191

00:07:20,870 --> 00:07:19,599

left out but it's good enough

192

00:07:22,710 --> 00:07:20,880

you mentioned that i worked on

193

00:07:24,870 --> 00:07:22,720

spider-man the movie or daredevil or

194

00:07:27,670 --> 00:07:24,880

space jam you didn't mention the games i

195

00:07:29,189 --> 00:07:27,680

worked on like unreal and uh parasite

196

00:07:32,390 --> 00:07:29,199

eve or full spectrum warrior those are

197

00:07:35,189 --> 00:07:32,400

all big titles too anyway you can go on

198

00:07:37,110 --> 00:07:35,199

or my tv show forgot about that i did a

199

00:07:38,390 --> 00:07:37,120

comic book that became a tv series

200

00:07:40,870 --> 00:07:38,400

called harsh rome it was awful don't

201
00:07:43,189 --> 00:07:40,880
worry about it but still it's a it's a

202
00:07:45,830 --> 00:07:43,199
tv show not many people get those

203
00:07:48,550 --> 00:07:45,840
so interesting background and again you

204
00:07:50,390 --> 00:07:48,560
have this kind of amazing graphic artist

205
00:07:51,670 --> 00:07:50,400
background and there's all sorts of

206
00:07:54,070 --> 00:07:51,680
interesting

207
00:07:56,309 --> 00:07:54,080
skeptico like stories about that that

208
00:07:58,070 --> 00:07:56,319
we've connected on over the years

209
00:08:01,510 --> 00:07:58,080
but what i'm really trying to punch up

210
00:08:03,270 --> 00:08:01,520
and tell me if i'm doing it too much is

211
00:08:06,869 --> 00:08:03,280
i think you understand

212
00:08:10,070 --> 00:08:06,879
how to analyze this mask study that was

213
00:08:13,110 --> 00:08:10,080

done on the impact of community masking

214

00:08:15,589 --> 00:08:13,120

in covet 19 this is a study from yale

215

00:08:17,990 --> 00:08:15,599

and stanford it made somewhat of a

216

00:08:20,230 --> 00:08:18,000

splash in the media because they found

217

00:08:22,790 --> 00:08:20,240

god darn it just put on those masks like

218

00:08:24,309 --> 00:08:22,800

we told you here is the best science

219

00:08:27,110 --> 00:08:24,319

here's the science you've been clamoring

220

00:08:30,150 --> 00:08:27,120

about waiting for here it is nail in the

221

00:08:31,589 --> 00:08:30,160

coffin research so let me start with

222

00:08:34,310 --> 00:08:31,599

this andy

223

00:08:36,469 --> 00:08:34,320

when did you first hear about this study

224

00:08:38,469 --> 00:08:36,479

i know i sent it to you had you heard

225

00:08:40,550 --> 00:08:38,479

about it before then

226

00:08:43,190 --> 00:08:40,560

uh no i hadn't i the first time i knew

227

00:08:45,110 --> 00:08:43,200

about it was from you i thought it might

228

00:08:47,110 --> 00:08:45,120

have been me who kind of turned you onto

229

00:08:48,870 --> 00:08:47,120

this because as you know i've been on

230

00:08:51,509 --> 00:08:48,880

this mask thing

231

00:08:54,710 --> 00:08:51,519

for a while and that when i say the mass

232

00:08:56,870 --> 00:08:54,720

thing this idea of whether or not masks

233

00:08:59,670 --> 00:08:56,880

are really effective in

234

00:09:01,350 --> 00:08:59,680

controlling the spread of covet among

235

00:09:03,030 --> 00:09:01,360

the general population

236

00:09:05,350 --> 00:09:03,040

so we might get into that in a minute

237

00:09:07,269 --> 00:09:05,360

and we have to differentiate between

238

00:09:09,910 --> 00:09:07,279

whether they work in a lab to whether

239

00:09:11,750 --> 00:09:09,920

they work out in the general population

240

00:09:13,670 --> 00:09:11,760

but i've kind of really gone out there

241

00:09:15,590 --> 00:09:13,680

and i've hammered a number of guests on

242

00:09:19,110 --> 00:09:15,600

the show and even had a debate on the

243

00:09:21,110 --> 00:09:19,120

show saying that masks don't work

244

00:09:23,030 --> 00:09:21,120

that you always get a null result

245

00:09:26,070 --> 00:09:23,040

whenever these studies are done

246

00:09:28,470 --> 00:09:26,080

and then somebody on the skeptical forum

247

00:09:30,949 --> 00:09:28,480

pointed me to this

248

00:09:32,630 --> 00:09:30,959

what is published here in

249

00:09:34,630 --> 00:09:32,640

live science

250

00:09:37,509 --> 00:09:34,640

and the title reads

251
00:09:41,110 --> 00:09:37,519
huge gold standard study shows

252
00:09:44,230 --> 00:09:41,120
unequivocally that surgical masks work

253
00:09:46,070 --> 00:09:44,240
to reduce covet spread so i started

254
00:09:47,509 --> 00:09:46,080
looking into that i found a similar

255
00:09:50,550 --> 00:09:47,519
article

256
00:09:53,990 --> 00:09:50,560
on the washington post i'll read in

257
00:09:56,470 --> 00:09:54,000
that headline which is also sensational

258
00:10:00,070 --> 00:09:56,480
massive randomized study is proof that

259
00:10:01,509 --> 00:10:00,080
surgical masks limit coronavirus spread

260
00:10:03,110 --> 00:10:01,519
authors say

261
00:10:04,870 --> 00:10:03,120
and one other thing i want to share with

262
00:10:07,750 --> 00:10:04,880
folks is

263
00:10:11,190 --> 00:10:07,760

how it played out in the in the news

264

00:10:13,110 --> 00:10:11,200

news being kind of in quotes here but

265

00:10:15,269 --> 00:10:13,120

i wanted to play

266

00:10:16,870 --> 00:10:15,279

this how it was processed by mainstream

267

00:10:19,269 --> 00:10:16,880

media news

268

00:10:21,110 --> 00:10:19,279

a large study on masks details their

269

00:10:23,110 --> 00:10:21,120

importance in the fight against covet

270

00:10:24,949 --> 00:10:23,120

for an in-depth look we spoke to one of

271

00:10:27,350 --> 00:10:24,959

the lead authors of that study

272

00:10:30,230 --> 00:10:27,360

researchers at stanford yale and uc

273

00:10:32,870 --> 00:10:30,240

berkeley analyzed 350 000 adults in

274

00:10:35,509 --> 00:10:32,880

bangladesh they took half of that group

275

00:10:38,310 --> 00:10:35,519

and encouraged them to wear masks 29

276
00:10:40,790 --> 00:10:38,320
percent of them compiled complied with

277
00:10:43,750 --> 00:10:40,800
that for about a 10-week period they

278
00:10:46,630 --> 00:10:43,760
found that max in general provided a 9

279
00:10:49,430 --> 00:10:46,640
reduction in cases surgical masks were

280
00:10:50,790 --> 00:10:49,440
even more efficient reducing cases by 11

281
00:10:52,790 --> 00:10:50,800
percent

282
00:10:54,949 --> 00:10:52,800
ashley stewsinski one of the lead

283
00:10:56,949 --> 00:10:54,959
authors in the study and an infectious

284
00:10:59,269 --> 00:10:56,959
disease fellow at stanford says the

285
00:11:01,670 --> 00:10:59,279
results offer a glimpse of just how much

286
00:11:03,269 --> 00:11:01,680
masks matter

287
00:11:05,509 --> 00:11:03,279
so overall we felt that this

288
00:11:08,710 --> 00:11:05,519

demonstrated that masks are highly

289

00:11:10,550 --> 00:11:08,720

effective in reducing copic 19

290

00:11:12,710 --> 00:11:10,560

and that if we were able to achieve even

291

00:11:14,550 --> 00:11:12,720

more uptake than the 29 percentage point

292

00:11:16,630 --> 00:11:14,560

increase we saw we would have probably

293

00:11:20,949 --> 00:11:16,640

been able to measure a greater effect

294

00:11:22,710 --> 00:11:20,959

the study found people 60 and older they

295

00:11:25,190 --> 00:11:22,720

i'm going to pause it there were you

296

00:11:27,509 --> 00:11:25,200

able to hear all that yeah alex i got to

297

00:11:29,829 --> 00:11:27,519

say like a couple things i'm sorry this

298

00:11:31,750 --> 00:11:29,839

is just yeah first off the first

299

00:11:33,509 --> 00:11:31,760

headline was much more sensational than

300

00:11:35,030 --> 00:11:33,519

the second one both of them are not

301
00:11:36,949 --> 00:11:35,040
based on any kind of foundation of

302
00:11:38,630 --> 00:11:36,959
evidence found in this article but the

303
00:11:41,430 --> 00:11:38,640
thing that really got me was that clip

304
00:11:43,590 --> 00:11:41,440
of the uh the tv news so

305
00:11:46,550 --> 00:11:43,600
the tv announcer says that they found a

306
00:11:48,310 --> 00:11:46,560
nine percent reduction in cases and then

307
00:11:49,670 --> 00:11:48,320
the lady says yes it's nine percent up

308
00:11:51,110 --> 00:11:49,680
to 11

309
00:11:53,430 --> 00:11:51,120
for this other condition and i'm

310
00:11:55,110 --> 00:11:53,440
thinking i just read that paper and what

311
00:11:57,030 --> 00:11:55,120
they just said is wrong it's a nine

312
00:11:58,629 --> 00:11:57,040
percent relative reduction the actual

313
00:12:00,710 --> 00:11:58,639

absolute reduction

314

00:12:02,710 --> 00:12:00,720

was something like point zero zero two

315

00:12:04,550 --> 00:12:02,720

percent it was tiny

316

00:12:07,590 --> 00:12:04,560

so for them to call that a nine percent

317

00:12:10,790 --> 00:12:07,600

or an eleven percent uh um value

318

00:12:12,069 --> 00:12:10,800

extrapolated from a 9 to 11 relative

319

00:12:14,230 --> 00:12:12,079

value when you're comparing two numbers

320

00:12:16,230 --> 00:12:14,240

that are almost identical is really

321

00:12:18,230 --> 00:12:16,240

disingenuous now maybe they're just

322

00:12:21,350 --> 00:12:18,240

stupid i suppose that's possible they

323

00:12:23,670 --> 00:12:21,360

are no one no no no don't don't go there

324

00:12:25,670 --> 00:12:23,680

with that second part i i want to roll

325

00:12:27,430 --> 00:12:25,680

this back a little bit because i i've

326

00:12:29,990 --> 00:12:27,440

just kind of played in

327

00:12:32,230 --> 00:12:30,000

the the first impact because

328

00:12:33,829 --> 00:12:32,240

as i tell the story you know

329

00:12:35,750 --> 00:12:33,839

i've been hammering the mask stuff

330

00:12:37,750 --> 00:12:35,760

forever because i looked at

331

00:12:39,509 --> 00:12:37,760

i looked at the existing data and the

332

00:12:40,949 --> 00:12:39,519

existing data always had a null result

333

00:12:43,430 --> 00:12:40,959

whenever you took it out and tested it

334

00:12:45,670 --> 00:12:43,440

in the general population no result no

335

00:12:47,829 --> 00:12:45,680

result just recently that there was a

336

00:12:50,870 --> 00:12:47,839

danish study published same thing no

337

00:12:52,870 --> 00:12:50,880

result when we actually try and apply

338

00:12:54,949 --> 00:12:52,880

masking to people in the general

339

00:12:56,150 --> 00:12:54,959

population there's no difference it

340

00:12:58,470 --> 00:12:56,160

doesn't make a difference if you wear a

341

00:13:00,310 --> 00:12:58,480

mask it's not effective no result no

342

00:13:03,030 --> 00:13:00,320

result that to me seemed to be the

343

00:13:05,269 --> 00:13:03,040

overriding data so when i first heard

344

00:13:06,550 --> 00:13:05,279

this report when it was published

345

00:13:08,389 --> 00:13:06,560

on the skeptical forum which is the

346

00:13:10,790 --> 00:13:08,399

first time i did and i found that

347

00:13:12,790 --> 00:13:10,800

article on live science

348

00:13:14,629 --> 00:13:12,800

i gotta tell you because i think this is

349

00:13:16,230 --> 00:13:14,639

where it hits people

350

00:13:20,710 --> 00:13:16,240

my heart dropped

351

00:13:23,030 --> 00:13:20,720

god i'm an idiot

352

00:13:24,870 --> 00:13:23,040

i'm i've been wrong and i've been

353

00:13:26,870 --> 00:13:24,880

spreading this

354

00:13:29,190 --> 00:13:26,880

stupid information

355

00:13:30,550 --> 00:13:29,200

and here are these really smart people

356

00:13:32,470 --> 00:13:30,560

at yale

357

00:13:34,790 --> 00:13:32,480

and at stanford

358

00:13:37,670 --> 00:13:34,800

and they're doing it they're way smarter

359

00:13:39,030 --> 00:13:37,680

than me about this stuff and they're so

360

00:13:40,870 --> 00:13:39,040

confident

361

00:13:44,230 --> 00:13:40,880

nail in the coffin

362

00:13:46,550 --> 00:13:44,240

level of research gold standard study

363

00:13:48,629 --> 00:13:46,560

those are not my words highest quality

364

00:13:51,350 --> 00:13:48,639

gold standard type of clinical trial

365

00:13:55,189 --> 00:13:51,360

known as randomized control trial

366

00:13:57,509 --> 00:13:55,199

should end any scientific debate

367

00:14:00,710 --> 00:13:57,519

so says jason alep

368

00:14:03,350 --> 00:14:00,720

aloluck an economist at yale

369

00:14:06,069 --> 00:14:03,360

and i i want to get into this but i have

370

00:14:08,870 --> 00:14:06,079

to say is as this first hit me and my

371

00:14:10,949 --> 00:14:08,880

kind of like i say my heart dropped

372

00:14:13,590 --> 00:14:10,959

there are also a couple of things that

373

00:14:16,069 --> 00:14:13,600

immediately jumped out at me

374

00:14:17,910 --> 00:14:16,079

and i want you to because we talked

375

00:14:19,509 --> 00:14:17,920

about this and i want you to talk about

376
00:14:22,150 --> 00:14:19,519
it as well

377
00:14:23,750 --> 00:14:22,160
when i when i heard such over-the-top

378
00:14:26,949 --> 00:14:23,760
language as

379
00:14:29,350 --> 00:14:26,959
should end any scientific debate

380
00:14:31,110 --> 00:14:29,360
it did cast an immediate doubt in my

381
00:14:31,990 --> 00:14:31,120
mind like hey maybe there's something

382
00:14:34,150 --> 00:14:32,000
here

383
00:14:35,110 --> 00:14:34,160
that we need to look into what did you

384
00:14:37,189 --> 00:14:35,120
think

385
00:14:38,870 --> 00:14:37,199
when you read that kind of stuff

386
00:14:41,189 --> 00:14:38,880
look there's there's a couple things

387
00:14:43,590 --> 00:14:41,199
like for instance the the comment about

388
00:14:45,350 --> 00:14:43,600

ending scientific debate

389

00:14:47,350 --> 00:14:45,360

that one acknowledges that there is a

390

00:14:48,230 --> 00:14:47,360

scientific debate which

391

00:14:50,230 --> 00:14:48,240

is

392

00:14:52,069 --> 00:14:50,240

in opposition to all the rest of the

393

00:14:53,990 --> 00:14:52,079

media signaling which is telling us that

394

00:14:56,150 --> 00:14:54,000

there is no scientific debate because

395

00:14:57,670 --> 00:14:56,160

everyone agrees about this stuff because

396

00:14:59,590 --> 00:14:57,680

science says

397

00:15:01,189 --> 00:14:59,600

masks are good so the mere fact that

398

00:15:03,110 --> 00:15:01,199

they're actually saying this is the nail

399

00:15:05,430 --> 00:15:03,120

in the coffin of that argument

400

00:15:07,590 --> 00:15:05,440

is telling me there is an argument why

401
00:15:09,670 --> 00:15:07,600
you are now admitting this here which is

402
00:15:12,069 --> 00:15:09,680
something that you're denying beforehand

403
00:15:14,069 --> 00:15:12,079
so and and when you use extravagant

404
00:15:16,389 --> 00:15:14,079
language like nail in the coffin you

405
00:15:18,310 --> 00:15:16,399
know or examples like that

406
00:15:20,389 --> 00:15:18,320
it also makes me highly suspicious i

407
00:15:22,550 --> 00:15:20,399
mean my my tendency when i'm reading

408
00:15:24,389 --> 00:15:22,560
that kind of language or hyperbole is to

409
00:15:25,670 --> 00:15:24,399
not trust it i'm like immediately

410
00:15:27,030 --> 00:15:25,680
suspicious that what they're saying is

411
00:15:28,230 --> 00:15:27,040
the opposite of what i'm going to find

412
00:15:29,670 --> 00:15:28,240
when i look at whatever it is that

413
00:15:31,910 --> 00:15:29,680

they're talking about

414

00:15:33,990 --> 00:15:31,920

because that tends to be the case for a

415

00:15:35,829 --> 00:15:34,000

pre-published paper

416

00:15:37,749 --> 00:15:35,839

on top of it right

417

00:15:39,189 --> 00:15:37,759

well the fact is pre-published really

418

00:15:42,389 --> 00:15:39,199

bothers me

419

00:15:45,030 --> 00:15:42,399

i i don't know what would persuade a a

420

00:15:48,230 --> 00:15:45,040

real proper scientist to send out a

421

00:15:51,150 --> 00:15:48,240

document before it's been peer-reviewed

422

00:15:53,030 --> 00:15:51,160

and and to tout it as something that's a

423

00:15:55,269 --> 00:15:53,040

pre-publication version of something

424

00:15:58,389 --> 00:15:55,279

that the they intend to put through peer

425

00:15:59,829 --> 00:15:58,399

review to me that that one reason you

426

00:16:02,069 --> 00:15:59,839

might do that i suppose is if you're

427

00:16:04,389 --> 00:16:02,079

worried that it won't pass peer review

428

00:16:06,550 --> 00:16:04,399

and so you want to get a step ahead of

429

00:16:08,230 --> 00:16:06,560

that by by getting some popular support

430

00:16:10,310 --> 00:16:08,240

for it among people who actually don't

431

00:16:12,310 --> 00:16:10,320

know enough to understand the mistakes

432

00:16:14,230 --> 00:16:12,320

that you've made again this is the

433

00:16:16,069 --> 00:16:14,240

direction my thinking takes when i when

434

00:16:18,470 --> 00:16:16,079

i see this but frankly i think it's

435

00:16:20,310 --> 00:16:18,480

really bad matters to do it but on top

436

00:16:21,829 --> 00:16:20,320

of that i also think it's bad science

437

00:16:24,310 --> 00:16:21,839

because the thing is the peer review

438

00:16:26,230 --> 00:16:24,320

process is helpful to the authors it's

439

00:16:28,069 --> 00:16:26,240

very helpful i wouldn't want to present

440

00:16:29,910 --> 00:16:28,079

something that hadn't been peer reviewed

441

00:16:32,470 --> 00:16:29,920

for a number of reasons but one of them

442

00:16:34,150 --> 00:16:32,480

is i rather appreciate the help i get

443

00:16:36,949 --> 00:16:34,160

from the people who peer review my

444

00:16:38,629 --> 00:16:36,959

articles they don't just put a stamp of

445

00:16:40,550 --> 00:16:38,639

approval on these things and then and

446

00:16:42,470 --> 00:16:40,560

then send them in for publication they

447

00:16:44,389 --> 00:16:42,480

make comments that are genuinely useful

448

00:16:46,150 --> 00:16:44,399

i i get those comments i'm like oh gee i

449

00:16:48,470 --> 00:16:46,160

really should clarify this point or i

450

00:16:50,629 --> 00:16:48,480

should correct this number and once i've

451
00:16:53,030 --> 00:16:50,639
done that i feel a lot more confident in

452
00:16:55,030 --> 00:16:53,040
the paper so if i do it before i've ever

453
00:16:56,710 --> 00:16:55,040
shown it to anybody for peer review i'm

454
00:16:58,870 --> 00:16:56,720
thinking you know i have less confidence

455
00:17:01,110 --> 00:16:58,880
in my own work right now because it

456
00:17:04,069 --> 00:17:01,120
hasn't been vetted by anyone else so why

457
00:17:06,150 --> 00:17:04,079
is it that these guys are doing it

458
00:17:07,669 --> 00:17:06,160
that's really good point so you know

459
00:17:09,669 --> 00:17:07,679
there's a number of ways we could tackle

460
00:17:12,549 --> 00:17:09,679
this study you have a number of points

461
00:17:14,710 --> 00:17:12,559
that you've piled up i do too but i

462
00:17:17,270 --> 00:17:14,720
don't want to bury the lead

463
00:17:19,750 --> 00:17:17,280

and i think the lead here is that when

464

00:17:23,270 --> 00:17:19,760

you analyze the numbers

465

00:17:24,470 --> 00:17:23,280

this study actually proves the exact

466

00:17:26,150 --> 00:17:24,480

opposite

467

00:17:29,190 --> 00:17:26,160

of what it claims

468

00:17:31,029 --> 00:17:29,200

because this study is confirmation of

469

00:17:33,590 --> 00:17:31,039

the null hypothesis

470

00:17:36,310 --> 00:17:33,600

that is that there's no evidence that

471

00:17:38,070 --> 00:17:36,320

masks work when you move them into the

472

00:17:40,470 --> 00:17:38,080

general population

473

00:17:42,630 --> 00:17:40,480

and that's kind of my working hypothesis

474

00:17:43,350 --> 00:17:42,640

which we'll kind of hash out later is

475

00:17:45,990 --> 00:17:43,360

that

476

00:17:47,510 --> 00:17:46,000

i think the hype on this study is kind

477

00:17:49,430 --> 00:17:47,520

of the head fake

478

00:17:52,150 --> 00:17:49,440

because if you really

479

00:17:55,669 --> 00:17:52,160

work out all the numbers and you say wow

480

00:17:57,270 --> 00:17:55,679

this is they did do a huge study

481

00:17:59,750 --> 00:17:57,280

but the fact is

482

00:18:02,549 --> 00:17:59,760

they got a null result and that's a

483

00:18:05,669 --> 00:18:02,559

replication in a sense of all the other

484

00:18:08,150 --> 00:18:05,679

null results and the last thing you want

485

00:18:10,150 --> 00:18:08,160

is for that to get out so the best way

486

00:18:12,870 --> 00:18:10,160

to go out there is lead out with a big

487

00:18:15,590 --> 00:18:12,880

lie that oh my god this is the best

488

00:18:17,669 --> 00:18:15,600

study ever andy i think you had a

489

00:18:19,830 --> 00:18:17,679

comment i've pulled the numbers that i

490

00:18:21,909 --> 00:18:19,840

want to talk about up on the screen

491

00:18:23,350 --> 00:18:21,919

but what did you want to say before we

492

00:18:25,510 --> 00:18:23,360

dive into this

493

00:18:27,510 --> 00:18:25,520

what i want to say is that the way the

494

00:18:28,630 --> 00:18:27,520

study is written is deceptive on its

495

00:18:30,070 --> 00:18:28,640

face

496

00:18:32,870 --> 00:18:30,080

it's really clear that they're

497

00:18:35,029 --> 00:18:32,880

intentionally disguising the actual

498

00:18:37,830 --> 00:18:35,039

findings of the study and the meaning of

499

00:18:39,990 --> 00:18:37,840

it they are not making any comparisons

500

00:18:41,190 --> 00:18:40,000

to studies that come to different

501
00:18:42,710 --> 00:18:41,200
conclusions

502
00:18:44,789 --> 00:18:42,720
like for instance the many studies

503
00:18:47,830 --> 00:18:44,799
you're talking about that show that mask

504
00:18:49,350 --> 00:18:47,840
wearing has no positive benefit and i

505
00:18:52,070 --> 00:18:49,360
know about those studies and i've seen

506
00:18:53,990 --> 00:18:52,080
them so why they are left out of this

507
00:18:56,470 --> 00:18:54,000
makes no sense to me because they would

508
00:18:58,310 --> 00:18:56,480
if they have this robust result you

509
00:19:00,950 --> 00:18:58,320
would expect them to say

510
00:19:02,390 --> 00:19:00,960
look at this all these studies x y and z

511
00:19:04,070 --> 00:19:02,400
show or

512
00:19:06,230 --> 00:19:04,080
claim that

513
00:19:07,830 --> 00:19:06,240

masks aren't affected but we have proven

514

00:19:10,150 --> 00:19:07,840

them wrong and this is how we've proven

515

00:19:11,990 --> 00:19:10,160

them wrong nowhere do they address this

516

00:19:13,909 --> 00:19:12,000

and that should have been right up front

517

00:19:15,510 --> 00:19:13,919

and it i it's nowhere i i'm really

518

00:19:16,630 --> 00:19:15,520

disappointed by that but then when it

519

00:19:18,230 --> 00:19:16,640

comes to the numbers and you keep

520

00:19:20,789 --> 00:19:18,240

talking about this huge study they get

521

00:19:22,310 --> 00:19:20,799

around 350 000 people in the study but

522

00:19:23,830 --> 00:19:22,320

when i look at the actual number of

523

00:19:25,190 --> 00:19:23,840

people who are relevant to their

524

00:19:27,270 --> 00:19:25,200

conclusions

525

00:19:28,390 --> 00:19:27,280

it's a small number relative to these

526

00:19:30,710 --> 00:19:28,400

bigger numbers that they're throwing

527

00:19:32,390 --> 00:19:30,720

around and every single opportunity they

528

00:19:33,590 --> 00:19:32,400

use the bigger numbers whenever they can

529

00:19:35,110 --> 00:19:33,600

even though they're not directly

530

00:19:37,590 --> 00:19:35,120

relevant to what they're talking about

531

00:19:39,510 --> 00:19:37,600

so that also bothers me anyway go on no

532

00:19:41,029 --> 00:19:39,520

everything you're saying is great so

533

00:19:43,750 --> 00:19:41,039

what i want to do next for people who

534

00:19:46,150 --> 00:19:43,760

are listening and aren't watching this

535

00:19:48,150 --> 00:19:46,160

i'm referencing now right out of the

536

00:19:50,230 --> 00:19:48,160

study you can get this link right from

537

00:19:53,110 --> 00:19:50,240

the washington post and by the way you

538

00:19:55,590 --> 00:19:53,120

can also get a whole hashing out of this

539

00:19:57,190 --> 00:19:55,600

that we did on the skeptical forum i

540

00:19:59,270 --> 00:19:57,200

kind of put up this

541

00:20:01,190 --> 00:19:59,280

post saying hey help me out with this

542

00:20:03,350 --> 00:20:01,200

upcoming interview and it was really

543

00:20:05,190 --> 00:20:03,360

great i got a lot of posts

544

00:20:06,549 --> 00:20:05,200

not a lot of them i agreed with but

545

00:20:09,510 --> 00:20:06,559

definitely

546

00:20:11,270 --> 00:20:09,520

it helped the whole process because

547

00:20:13,510 --> 00:20:11,280

it's hard to figure this stuff out

548

00:20:14,789 --> 00:20:13,520

everyone makes mistakes here there just

549

00:20:16,230 --> 00:20:14,799

like we're going to point out that the

550

00:20:17,990 --> 00:20:16,240

scientists in this case made some

551
00:20:19,830 --> 00:20:18,000
mistakes but

552
00:20:21,909 --> 00:20:19,840
the numbers can get a little bit

553
00:20:24,630 --> 00:20:21,919
confusing but what i wanted to point out

554
00:20:26,470 --> 00:20:24,640
here is figure one is right out of the

555
00:20:29,190 --> 00:20:26,480
study and this is the headline big

556
00:20:33,029 --> 00:20:29,200
graphic so again they had about 340 000

557
00:20:35,909 --> 00:20:33,039
people they had 146 000 in the control

558
00:20:38,310 --> 00:20:35,919
group and they had about 160 000

559
00:20:40,149 --> 00:20:38,320
in the intervention group intervention

560
00:20:41,830 --> 00:20:40,159
group are people that they went and they

561
00:20:44,470 --> 00:20:41,840
pestered the crap out of them to wear

562
00:20:46,390 --> 00:20:44,480
this mask for the 10 weeks and here is

563
00:20:48,950 --> 00:20:46,400

the result that they got

564

00:20:51,110 --> 00:20:48,960

check this out people in the control

565

00:20:53,750 --> 00:20:51,120

group at the end of the day and we'll

566

00:20:57,430 --> 00:20:53,760

tell you how they got to this but they

567

00:21:00,310 --> 00:20:57,440

figure out that 0.76

568

00:21:03,029 --> 00:21:00,320

of their control group had covid the

569

00:21:07,510 --> 00:21:03,039

group that they pestered the heck out of

570

00:21:09,990 --> 00:21:07,520

that group had a covid rate of 0.69

571

00:21:12,710 --> 00:21:10,000

and they said like andy just pointed out

572

00:21:17,430 --> 00:21:12,720

hey guys let's get all excited that's a

573

00:21:19,669 --> 00:21:17,440

relative 9.3 reduction in kovid multiply

574

00:21:21,430 --> 00:21:19,679

that by all the people in the world

575

00:21:23,669 --> 00:21:21,440

multiply that by all the weeks in the

576

00:21:25,750 --> 00:21:23,679

year multiply that if we got people to

577

00:21:28,230 --> 00:21:25,760

double their mass rate all of which you

578

00:21:31,190 --> 00:21:28,240

can't do is total science but

579

00:21:33,669 --> 00:21:31,200

nonetheless the the real fatal flaw the

580

00:21:36,149 --> 00:21:33,679

real junk science part of this

581

00:21:37,750 --> 00:21:36,159

is in the numbers themselves here's the

582

00:21:39,029 --> 00:21:37,760

little story i want to share with people

583

00:21:40,549 --> 00:21:39,039

andy and then i want you to really take

584

00:21:41,830 --> 00:21:40,559

over on this

585

00:21:42,789 --> 00:21:41,840

here's another way to think of this

586

00:21:46,310 --> 00:21:42,799

study

587

00:21:48,310 --> 00:21:46,320

let's say i had a magic pendant

588

00:21:49,909 --> 00:21:48,320

a little magic pendant with a crystal

589

00:21:53,110 --> 00:21:49,919

and a little leather strap on it and i

590

00:21:55,669 --> 00:21:53,120

said andy if you wear this magic pendant

591

00:21:57,350 --> 00:21:55,679

you won't get covered and then i did my

592

00:21:59,510 --> 00:21:57,360

big study and i came out and i proved it

593

00:22:01,350 --> 00:21:59,520

guys i proved it and you came back and

594

00:22:03,110 --> 00:22:01,360

said okay well tell me tell me how you

595

00:22:05,350 --> 00:22:03,120

proved it and i said well we took a

596

00:22:07,270 --> 00:22:05,360

thousand people and you know how many of

597

00:22:08,630 --> 00:22:07,280

them had coveted at the end of it

598

00:22:13,430 --> 00:22:08,640

eight

599

00:22:15,270 --> 00:22:13,440

seven six percent rounded up

600

00:22:17,430 --> 00:22:15,280

because it's seven point six people were

601
00:22:19,669 --> 00:22:17,440
rounded up to eight and i'll say eight

602
00:22:21,750 --> 00:22:19,679
people had coveted and then you go okay

603
00:22:23,909 --> 00:22:21,760
well how many people in your

604
00:22:25,750 --> 00:22:23,919
intervention group the people who

605
00:22:27,830 --> 00:22:25,760
actually wore the pendant so then andy

606
00:22:30,149 --> 00:22:27,840
if you were to say well how many people

607
00:22:32,950 --> 00:22:30,159
that actually wore the pendant

608
00:22:34,310 --> 00:22:32,960
got coveted and i'd say oh yeah

609
00:22:37,669 --> 00:22:34,320
seven

610
00:22:41,029 --> 00:22:37,679
pendant

611
00:22:42,950 --> 00:22:41,039
got coveted and you'd go wait a minute you

612
00:22:45,190 --> 00:22:42,960
said the control group eight out of a

613
00:22:46,789 --> 00:22:45,200

thousand had covid and in the

614

00:22:49,190 --> 00:22:46,799

intervention the people who wear their

615

00:22:51,669 --> 00:22:49,200

magic pendant only seven out of a

616

00:22:54,149 --> 00:22:51,679

thousand had covet you'd go that's not a

617

00:22:56,549 --> 00:22:54,159

very convincing result and especially if

618

00:22:58,390 --> 00:22:56,559

you pressed me and said well how did you

619

00:23:00,549 --> 00:22:58,400

even measure whether they were wearing

620

00:23:03,190 --> 00:23:00,559

the pendant or not how did you measure

621

00:23:04,630 --> 00:23:03,200

whether they had coveted at the end

622

00:23:06,549 --> 00:23:04,640

what kind of test did you do is it

623

00:23:09,110 --> 00:23:06,559

possible that you made any mistake in

624

00:23:12,390 --> 00:23:09,120

terms of testing those thousand people

625

00:23:15,029 --> 00:23:12,400

all those things would cast doubt on how

626
00:23:18,230 --> 00:23:15,039
accurate it was particularly when my end

627
00:23:20,270 --> 00:23:18,240
result is that this is the effect the

628
00:23:22,070 --> 00:23:20,280
effect is a reduction from

629
00:23:24,230 --> 00:23:22,080
0.76

630
00:23:27,510 --> 00:23:24,240
to 0.69

631
00:23:30,549 --> 00:23:27,520
it is minuscule anyone with common sense

632
00:23:32,710 --> 00:23:30,559
would tell you that is not a significant

633
00:23:34,549 --> 00:23:32,720
difference just because you wore the

634
00:23:37,110 --> 00:23:34,559
magic pendant

635
00:23:39,510 --> 00:23:37,120
maybe that's a stupid example but that's

636
00:23:41,430 --> 00:23:39,520
what really brought it home to me is how

637
00:23:44,630 --> 00:23:41,440
they're totally

638
00:23:46,630 --> 00:23:44,640

playing with these numbers in order to

639

00:23:48,470 --> 00:23:46,640

create the illusion that they've done

640

00:23:51,269 --> 00:23:48,480

something when in fact they've really

641

00:23:53,669 --> 00:23:51,279

done the opposite they've confirmed that

642

00:23:55,029 --> 00:23:53,679

this is a null result what do you think

643

00:23:57,350 --> 00:23:55,039

editor

644

00:24:00,070 --> 00:23:57,360

well yeah and i'm sitting here thinking

645

00:24:02,149 --> 00:24:00,080

uh you're taking all my thunder here

646

00:24:04,630 --> 00:24:02,159

because all the stuff you say is right i

647

00:24:07,269 --> 00:24:04,640

look at that and frankly i think it's

648

00:24:10,070 --> 00:24:07,279

extremely dishonest for them to call

649

00:24:12,390 --> 00:24:10,080

that a 9.3 relative reduction

650

00:24:14,470 --> 00:24:12,400

in a in a scientific paper that's going

651
00:24:16,310 --> 00:24:14,480
into a scientific journal you would say

652
00:24:18,950 --> 00:24:16,320
what the reduction is not the relative

653
00:24:22,070 --> 00:24:18,960
reduction and rel you know if you wanted

654
00:24:23,750 --> 00:24:22,080
to make that a 99 relative reduction you

655
00:24:27,830 --> 00:24:23,760
could do that just reduce those numbers

656
00:24:29,830 --> 00:24:27,840
enough you know like 0.001 to 0.0001

657
00:24:31,350 --> 00:24:29,840
and you could have this incredible

658
00:24:32,950 --> 00:24:31,360
relative reduction it would be totally

659
00:24:35,510 --> 00:24:32,960
meaningless because the numbers are so

660
00:24:36,950 --> 00:24:35,520
small just as in this case and in this

661
00:24:38,470 --> 00:24:36,960
and also because of the number of people

662
00:24:40,789 --> 00:24:38,480
involved it's uh

663
00:24:43,350 --> 00:24:40,799

you actually can do that so

664

00:24:45,269 --> 00:24:43,360

when i look at the paper i'm seeing

665

00:24:46,789 --> 00:24:45,279

two things that bother me i mean you're

666

00:24:48,630 --> 00:24:46,799

focusing on the number and i think you

667

00:24:49,750 --> 00:24:48,640

should because it is an important uh

668

00:24:51,029 --> 00:24:49,760

defect

669

00:24:53,350 --> 00:24:51,039

but the other thing is the way they

670

00:24:55,750 --> 00:24:53,360

report it is very dishonest i would say

671

00:24:58,549 --> 00:24:55,760

it's manifestly dishonest meaningfully

672

00:25:01,190 --> 00:24:58,559

dishonest they've changed the meaning of

673

00:25:02,390 --> 00:25:01,200

what they did how they did it and what

674

00:25:05,750 --> 00:25:02,400

it means

675

00:25:07,990 --> 00:25:05,760

all of those things are are reasons to

676
00:25:10,789 --> 00:25:08,000
not approve this for publication if i

677
00:25:12,390 --> 00:25:10,799
was reviewing this paper for a journal i

678
00:25:15,350 --> 00:25:12,400
would not want to approve it just on

679
00:25:16,789 --> 00:25:15,360
that basis alone even even that one line

680
00:25:18,149 --> 00:25:16,799
that you just showed there that image

681
00:25:19,990 --> 00:25:18,159
the graphic where it says relative

682
00:25:21,590 --> 00:25:20,000
reduction right there that word relative

683
00:25:23,750 --> 00:25:21,600
they take that out and replace it with

684
00:25:27,350 --> 00:25:23,760
the absolute reduction or it doesn't get

685
00:25:29,590 --> 00:25:27,360
published but this this uh article is

686
00:25:32,230 --> 00:25:29,600
full of stuff like that throughout from

687
00:25:34,070 --> 00:25:32,240
from front to back the fact that they

688
00:25:35,510 --> 00:25:34,080

they don't bother mentioning uh

689

00:25:37,750 --> 00:25:35,520

competing theories

690

00:25:39,830 --> 00:25:37,760

that's a big problem for me i don't like

691

00:25:42,310 --> 00:25:39,840

how they um i forget where it is but

692

00:25:44,789 --> 00:25:42,320

there's a one of these places where they

693

00:25:47,269 --> 00:25:44,799

they drastically increase the numbers

694

00:25:49,430 --> 00:25:47,279

that are affected by this provided their

695

00:25:50,870 --> 00:25:49,440

conjecture is true but

696

00:25:52,149 --> 00:25:50,880

that's provided their conjecture is true

697

00:25:53,669 --> 00:25:52,159

which is not something i'm willing to

698

00:25:55,750 --> 00:25:53,679

grant is the case and they give no

699

00:25:56,710 --> 00:25:55,760

justification for it um

700

00:25:58,549 --> 00:25:56,720

you know what i'm talking about they

701
00:26:00,070 --> 00:25:58,559
have a number 2.5 in there where they

702
00:26:02,789 --> 00:26:00,080
they essentially multiply their results

703
00:26:06,149 --> 00:26:02,799
by 2.5 and say this is what the results

704
00:26:07,590 --> 00:26:06,159
would be if this fancy pants invented uh

705
00:26:09,190 --> 00:26:07,600
theory of ours is correct and i'm like

706
00:26:12,149 --> 00:26:09,200
well i'll prove that first and then give

707
00:26:14,630 --> 00:26:12,159
me the the 2.5 because otherwise

708
00:26:16,070 --> 00:26:14,640
it's interesting because where the 2.5

709
00:26:17,750 --> 00:26:16,080
comes from

710
00:26:20,230 --> 00:26:17,760
if we are going to talk a little bit

711
00:26:22,470 --> 00:26:20,240
about the the method that they use the

712
00:26:25,269 --> 00:26:22,480
protocols what they did is they they

713
00:26:26,230 --> 00:26:25,279

took this huge population in bangladesh

714

00:26:29,269 --> 00:26:26,240

which

715

00:26:32,470 --> 00:26:29,279

i have to say once once i got over the

716

00:26:34,950 --> 00:26:32,480

point of saying this is all concocted

717

00:26:37,029 --> 00:26:34,960

it's junk science and it's intentionally

718

00:26:40,390 --> 00:26:37,039

junk science you start questioning the

719

00:26:41,590 --> 00:26:40,400

whole thing one why do you need 340 000

720

00:26:43,190 --> 00:26:41,600

people

721

00:26:46,070 --> 00:26:43,200

i suspect that one of the reasons you

722

00:26:48,230 --> 00:26:46,080

need 340 000 people is

723

00:26:49,750 --> 00:26:48,240

what you just alluded to and i want you

724

00:26:52,070 --> 00:26:49,760

to talk more about that from your

725

00:26:54,950 --> 00:26:52,080

experience is when you have a really

726

00:26:57,909 --> 00:26:54,960

large population it's kind of easier to

727

00:26:59,830 --> 00:26:57,919

fudge the stats at the end of the day

728

00:27:00,710 --> 00:26:59,840

i mean if you had one tenth of this if

729

00:27:03,590 --> 00:27:00,720

you had

730

00:27:05,510 --> 00:27:03,600

40 000 people you'd still have a very

731

00:27:07,830 --> 00:27:05,520

significant study and you'd have a much

732

00:27:10,149 --> 00:27:07,840

more manageable study right

733

00:27:12,070 --> 00:27:10,159

okay the the thing that bugs me about

734

00:27:14,870 --> 00:27:12,080

this is that i'm not even convinced that

735

00:27:17,430 --> 00:27:14,880

they're that 340 000 number refers to

736

00:27:19,590 --> 00:27:17,440

genuine participants in the sense that

737

00:27:22,630 --> 00:27:19,600

they are relevant to the claims that

738

00:27:24,870 --> 00:27:22,640

they're making here yes they had 340 000

739

00:27:27,669 --> 00:27:24,880

people fill out a survey but they did

740

00:27:30,230 --> 00:27:27,679

not give 340 000 people blood tests to

741

00:27:33,110 --> 00:27:30,240

determine whether or not they had this

742

00:27:34,710 --> 00:27:33,120

the covet virus in them okay they only

743

00:27:36,630 --> 00:27:34,720

had something less than ten thousand

744

00:27:38,389 --> 00:27:36,640

nine thousand something uh if those

745

00:27:40,310 --> 00:27:38,399

people had that so what they're doing is

746

00:27:42,710 --> 00:27:40,320

they're testing for zero prevalence and

747

00:27:44,310 --> 00:27:42,720

their their whole conclusion is based on

748

00:27:46,310 --> 00:27:44,320

changes in the the amount of zero

749

00:27:48,230 --> 00:27:46,320

prevalence in one group versus another

750

00:27:49,750 --> 00:27:48,240

and they're saying it applies to 340 000

751
00:27:51,029 --> 00:27:49,760
people but they only gave the test to 9

752
00:27:53,190 --> 00:27:51,039
000 something

753
00:27:55,590 --> 00:27:53,200
if you read this study they do to go to

754
00:27:57,990 --> 00:27:55,600
great lengths to explain how they

755
00:27:59,669 --> 00:27:58,000
created this randomized group versus the

756
00:28:01,510 --> 00:27:59,679
control group and they really want to

757
00:28:03,350 --> 00:28:01,520
hype that up because that they did and

758
00:28:05,430 --> 00:28:03,360
they probably did right and you know how

759
00:28:07,430 --> 00:28:05,440
do you get the profile of a village that

760
00:28:09,990 --> 00:28:07,440
matches up and all the rest of this

761
00:28:11,510 --> 00:28:10,000
all smoke screens smoke screen because

762
00:28:13,510 --> 00:28:11,520
as you said what they do at the end of

763
00:28:15,269 --> 00:28:13,520

the day is then they go and they pester

764

00:28:16,789 --> 00:28:15,279

the crap out of these people they show

765

00:28:19,350 --> 00:28:16,799

videos of their sports heroes in

766

00:28:21,430 --> 00:28:19,360

bangladesh and politicians in bangladesh

767

00:28:23,110 --> 00:28:21,440

saying wear the mask wear the mask and

768

00:28:25,750 --> 00:28:23,120

then they go out and they have their

769

00:28:27,830 --> 00:28:25,760

their little observers who they pay to

770

00:28:30,310 --> 00:28:27,840

go and observe people in the market

771

00:28:31,669 --> 00:28:30,320

whether they're wearing the mask they

772

00:28:33,269 --> 00:28:31,679

haven't then they say well we should

773

00:28:35,029 --> 00:28:33,279

observe them in the mosque too you know

774

00:28:36,950 --> 00:28:35,039

because mask wearing we already know

775

00:28:38,789 --> 00:28:36,960

that if if masks are effective at all

776

00:28:40,470 --> 00:28:38,799

they're effective where the

777

00:28:42,549 --> 00:28:40,480

where the virus is being spread not

778

00:28:45,190 --> 00:28:42,559

outdoors in the market right but leave

779

00:28:46,789 --> 00:28:45,200

all that aside again it just it just is

780

00:28:48,710 --> 00:28:46,799

a smoke screen here's what i wanted to

781

00:28:51,350 --> 00:28:48,720

get to at the end of the day what they

782

00:28:54,310 --> 00:28:51,360

do is they say okay time to tally up the

783

00:28:56,549 --> 00:28:54,320

results let's see who has covet so this

784

00:28:59,029 --> 00:28:56,559

is not an unreasonable way to do it it

785

00:29:01,510 --> 00:28:59,039

just has the high possibility of

786

00:29:03,269 --> 00:29:01,520

introducing air and that is that they

787

00:29:05,590 --> 00:29:03,279

call everybody up

788

00:29:07,430 --> 00:29:05,600

and they say hey that's 10 weeks

789

00:29:09,990 --> 00:29:07,440

remember you were doing this study how

790

00:29:11,750 --> 00:29:10,000

are you feeling do you got covid you got

791

00:29:14,230 --> 00:29:11,760

a flu got a cough they go through the

792

00:29:16,070 --> 00:29:14,240

symptoms and the person goes

793

00:29:19,110 --> 00:29:16,080

yeah i don't feel good today they say

794

00:29:20,230 --> 00:29:19,120

come on in for a blood test would you

795

00:29:22,149 --> 00:29:20,240

40

796

00:29:24,389 --> 00:29:22,159

both the control is pretty

797

00:29:26,230 --> 00:29:24,399

much the same both in the control group

798

00:29:28,389 --> 00:29:26,240

and in the intervention group the people

799

00:29:29,830 --> 00:29:28,399

that they're bugging to wear the mask 40

800

00:29:33,669 --> 00:29:29,840

of them come in that's where they get

801
00:29:35,909 --> 00:29:33,679
the 2.5 right because 40 multiplied 2.5

802
00:29:40,230 --> 00:29:35,919
you'd get 100 but that's fake you can't

803
00:29:41,990 --> 00:29:40,240
do that all you know is that 40 of the

804
00:29:43,190 --> 00:29:42,000
people you called

805
00:29:45,029 --> 00:29:43,200
came in

806
00:29:46,389 --> 00:29:45,039
you don't know which 40

807
00:29:48,149 --> 00:29:46,399
you don't you don't this is a

808
00:29:49,750 --> 00:29:48,159
telemarketing thing

809
00:29:51,990 --> 00:29:49,760
you don't know if you have somebody

810
00:29:53,990 --> 00:29:52,000
calling him up who's really good at

811
00:29:56,149 --> 00:29:54,000
talking people it has the kind of

812
00:29:58,070 --> 00:29:56,159
motherly vibe and it says oh honey

813
00:30:00,470 --> 00:29:58,080

you'll sound really bad now you should

814

00:30:02,630 --> 00:30:00,480

come in and they get more people to come

815

00:30:04,789 --> 00:30:02,640

in than the other one there's all sorts

816

00:30:07,029 --> 00:30:04,799

of potential for human error because

817

00:30:09,190 --> 00:30:07,039

remember at the end of the day

818

00:30:11,590 --> 00:30:09,200

you got a difference of one out of a

819

00:30:13,669 --> 00:30:11,600

thousand is the difference if you lose a

820

00:30:15,990 --> 00:30:13,679

blood sample if you get the wrong person

821

00:30:18,230 --> 00:30:16,000

to come in if any of that changes you

822

00:30:20,310 --> 00:30:18,240

have a complete null result you don't

823

00:30:22,549 --> 00:30:20,320

even have this kind of fake no result

824

00:30:24,710 --> 00:30:22,559

that barely jumps over some bar i know

825

00:30:26,630 --> 00:30:24,720

you're dying to jump in here please do

826

00:30:27,909 --> 00:30:26,640

oh i absolutely am but i wanted to get

827

00:30:29,430 --> 00:30:27,919

back to this two and a half times

828

00:30:30,630 --> 00:30:29,440

because i'm going to read it right off

829

00:30:33,269 --> 00:30:30,640

the article

830

00:30:35,029 --> 00:30:33,279

their justification is quote if

831

00:30:37,110 --> 00:30:35,039

non-consenters have similar serial

832

00:30:39,029 --> 00:30:37,120

prevalence to consenters and i'm

833

00:30:41,430 --> 00:30:39,039

thinking that is a completely

834

00:30:43,990 --> 00:30:41,440

unjustifiable assumption or even

835

00:30:45,510 --> 00:30:44,000

conjecture and the reason apart from the

836

00:30:48,350 --> 00:30:45,520

the reasons you gave which i think are

837

00:30:50,549 --> 00:30:48,360

also valid it seems to me that the

838

00:30:51,750 --> 00:30:50,559

non-consenting group is going to be

839

00:30:53,430 --> 00:30:51,760

meaningfully different from the

840

00:30:54,710 --> 00:30:53,440

consenting group otherwise they would

841

00:30:56,870 --> 00:30:54,720

have consented

842

00:30:59,190 --> 00:30:56,880

therefore i wouldn't want to make any

843

00:31:00,950 --> 00:30:59,200

assumptions about them being similar to

844

00:31:02,630 --> 00:31:00,960

a group that they have just proven

845

00:31:05,110 --> 00:31:02,640

they're dissimilar from

846

00:31:07,509 --> 00:31:05,120

that doesn't make any sense to me

847

00:31:09,590 --> 00:31:07,519

especially when you keep tying it back

848

00:31:11,430 --> 00:31:09,600

to the numbers and that's what i think

849

00:31:13,350 --> 00:31:11,440

it took me a long time to work through

850

00:31:15,750 --> 00:31:13,360

this study and think about it and mull

851

00:31:19,190 --> 00:31:15,760

it over but i think it's such a great

852

00:31:21,909 --> 00:31:19,200

window into the whole plandemic thing

853

00:31:24,470 --> 00:31:21,919

and how the whether this is a program or

854

00:31:26,389 --> 00:31:24,480

not is really the question we're trying

855

00:31:29,430 --> 00:31:26,399

to we've been trying to answer all along

856

00:31:32,549 --> 00:31:29,440

with kovid and i think the masks are an

857

00:31:34,230 --> 00:31:32,559

interesting window into that question

858

00:31:36,950 --> 00:31:34,240

begin and i think this study in

859

00:31:38,630 --> 00:31:36,960

particular kind of shows the method so i

860

00:31:41,350 --> 00:31:38,640

totally agree with what you're saying

861

00:31:43,190 --> 00:31:41,360

but i would just bring it back to

862

00:31:45,350 --> 00:31:43,200

one out of a thousand was your

863

00:31:47,669 --> 00:31:45,360

difference so when you talk about the

864

00:31:49,669 --> 00:31:47,679

potential for a mistake being made and

865

00:31:52,549 --> 00:31:49,679

what you just said remember the

866

00:31:55,430 --> 00:31:52,559

magnitude of the mistake you need one

867

00:31:57,909 --> 00:31:55,440

out of a thousand is their complete

868

00:32:00,310 --> 00:31:57,919

extent of the difference that they

869

00:32:02,070 --> 00:32:00,320

report they also report that hey some of

870

00:32:03,350 --> 00:32:02,080

the blood samples we did you know they

871

00:32:06,070 --> 00:32:03,360

didn't work you know they didn't have

872

00:32:08,389 --> 00:32:06,080

the right blood or the the label the

873

00:32:10,630 --> 00:32:08,399

barcode label on it got messed up they

874

00:32:13,110 --> 00:32:10,640

admit you know which is understandable

875

00:32:14,389 --> 00:32:13,120

that this thing wasn't perfect tie it

876

00:32:18,310 --> 00:32:14,399

back though folks

877

00:32:20,230 --> 00:32:18,320

one out of a thousand is the difference

878

00:32:21,990 --> 00:32:20,240

it's terrible but you know one other

879

00:32:23,350 --> 00:32:22,000

thing too that i want to i want to get

880

00:32:24,470 --> 00:32:23,360

at and i know you want to stick with

881

00:32:26,310 --> 00:32:24,480

actually i'll stick with the numbers

882

00:32:28,310 --> 00:32:26,320

just for now but you were talking about

883

00:32:29,990 --> 00:32:28,320

significance levels that point zero four

884

00:32:31,830 --> 00:32:30,000

two numbers something like that

885

00:32:34,470 --> 00:32:31,840

um i just wanna illustrate what that

886

00:32:36,549 --> 00:32:34,480

means a point zero five level of

887

00:32:38,549 --> 00:32:36,559

significance number one is not

888

00:32:40,149 --> 00:32:38,559

considered valid in a lot of situations

889

00:32:42,630 --> 00:32:40,159

depending on what it is you're testing

890

00:32:44,710 --> 00:32:42,640

but what it amounts to is a one in 20

891

00:32:47,750 --> 00:32:44,720

chance that it's random okay that's what

892

00:32:49,909 --> 00:32:47,760

it means so 0.04 not much different from

893

00:32:51,190 --> 00:32:49,919

that that's like a one in 21 chance

894

00:32:54,230 --> 00:32:51,200

something like that that this is

895

00:32:55,669 --> 00:32:54,240

happening randomly okay and quite

896

00:32:57,509 --> 00:32:55,679

frankly

897

00:32:59,750 --> 00:32:57,519

that's a high chance that it's happening

898

00:33:01,190 --> 00:32:59,760

randomly when you're looking at 340 000

899

00:33:03,909 --> 00:33:01,200

people okay

900

00:33:06,149 --> 00:33:03,919

i would want a much different value with

901
00:33:07,830 --> 00:33:06,159
a population size that large

902
00:33:09,509 --> 00:33:07,840
if they're going to claim significance

903
00:33:10,870 --> 00:33:09,519
and then when they're claiming relative

904
00:33:14,230 --> 00:33:10,880
significance

905
00:33:15,669 --> 00:33:14,240
this is like saying i am relatively

906
00:33:16,950 --> 00:33:15,679
taller than

907
00:33:19,830 --> 00:33:16,960
my daughter

908
00:33:21,509 --> 00:33:19,840
in comparison to a tyrannosaurus rex and

909
00:33:23,269 --> 00:33:21,519
an elephant okay

910
00:33:25,269 --> 00:33:23,279
we're already very close just because

911
00:33:27,190 --> 00:33:25,279
we're the same species this is something

912
00:33:29,029 --> 00:33:27,200
you know you want to know absolutely is

913
00:33:31,269 --> 00:33:29,039

this actually changing the the effect

914

00:33:33,350 --> 00:33:31,279

and it's not and on top of everything

915

00:33:34,630 --> 00:33:33,360

else on top of the fact that i think

916

00:33:36,870 --> 00:33:34,640

they're dishonestly reporting the

917

00:33:40,070 --> 00:33:36,880

results i think their research

918

00:33:42,630 --> 00:33:40,080

objectives are dishonest also because

919

00:33:45,350 --> 00:33:42,640

they're saying we want to check out what

920

00:33:47,269 --> 00:33:45,360

kind of methods are available to

921

00:33:49,669 --> 00:33:47,279

encourage people to wear masks which

922

00:33:50,950 --> 00:33:49,679

they assume is the good thing to do and

923

00:33:51,990 --> 00:33:50,960

they start talking about the kind of

924

00:33:53,590 --> 00:33:52,000

methods you know we're going to get

925

00:33:55,110 --> 00:33:53,600

people in mosques to ask the people to

926

00:33:57,590 --> 00:33:55,120

do it we'll pay off their village elders

927

00:33:59,590 --> 00:33:57,600

the equivalent of 6 000 us dollars if if

928

00:34:02,310 --> 00:33:59,600

they get their people to up to a certain

929

00:34:04,630 --> 00:34:02,320

level of mask wearing etc or the

930

00:34:06,310 --> 00:34:04,640

alternative they say law enforcement and

931

00:34:08,389 --> 00:34:06,320

i'm thinking okay so you're basically

932

00:34:11,270 --> 00:34:08,399

telling these guys and you're really

933

00:34:13,669 --> 00:34:11,280

pushing hard on this message wear them

934

00:34:15,510 --> 00:34:13,679

or we'll force you to wear them okay so

935

00:34:16,950 --> 00:34:15,520

do it nicely or maybe we'll punch you in

936

00:34:18,950 --> 00:34:16,960

the face first and stick it on you while

937

00:34:20,389 --> 00:34:18,960

you're unconscious that's kind of how

938

00:34:22,629 --> 00:34:20,399

i'm reading this because they were

939

00:34:24,790 --> 00:34:22,639

really pushing these guys hard and quite

940

00:34:27,270 --> 00:34:24,800

frankly that destroys

941

00:34:28,629 --> 00:34:27,280

any kind of neutral neutral viewpoint

942

00:34:30,550 --> 00:34:28,639

that these guys might have pretended to

943

00:34:32,310 --> 00:34:30,560

have had when they did this they were

944

00:34:34,710 --> 00:34:32,320

they were really coercing the subjects a

945

00:34:37,190 --> 00:34:34,720

lot and that as far as i'm concerned is

946

00:34:39,030 --> 00:34:37,200

a highly unnatural condition that they

947

00:34:40,389 --> 00:34:39,040

cannot extrapolate to a general

948

00:34:41,750 --> 00:34:40,399

population

949

00:34:43,109 --> 00:34:41,760

just my impression

950

00:34:45,829 --> 00:34:43,119

well they do even worse than

951
00:34:47,589 --> 00:34:45,839
extrapolated at one point as we played

952
00:34:49,190 --> 00:34:47,599
in the video

953
00:34:49,990 --> 00:34:49,200
they said well what if we could double

954
00:34:52,470 --> 00:34:50,000
it

955
00:34:54,950 --> 00:34:52,480
we got an increase of 35 percent mask

956
00:34:57,030 --> 00:34:54,960
wearing what if we get to get 75 percent

957
00:34:59,190 --> 00:34:57,040
we would get even a higher rate which

958
00:35:01,190 --> 00:34:59,200
again is a complete that your data

959
00:35:03,990 --> 00:35:01,200
doesn't show any of that but to your

960
00:35:06,550 --> 00:35:04,000
point there's all these problems that

961
00:35:08,470 --> 00:35:06,560
come up both in enforcing the mask

962
00:35:09,750 --> 00:35:08,480
wearing counting the mask wearing and

963
00:35:12,470 --> 00:35:09,760

all the rest of that

964

00:35:14,150 --> 00:35:12,480

but i just am going to keep bringing it

965

00:35:16,790 --> 00:35:14,160

back to the numbers

966

00:35:19,430 --> 00:35:16,800

because the headline to me is

967

00:35:21,990 --> 00:35:19,440

big lie and when i say big lie mean it's

968

00:35:24,950 --> 00:35:22,000

kind of well known in propaganda is the

969

00:35:27,190 --> 00:35:24,960

best way to hide a lie is to make it a

970

00:35:29,190 --> 00:35:27,200

big lie because little lies are liable

971

00:35:31,670 --> 00:35:29,200

to be exposed if they would have just

972

00:35:33,990 --> 00:35:31,680

tried to bury this study and not put it

973

00:35:35,270 --> 00:35:34,000

out and someone stumbled across it and

974

00:35:37,750 --> 00:35:35,280

said hey

975

00:35:40,310 --> 00:35:37,760

here's another null result stack it

976
00:35:42,310 --> 00:35:40,320
alongside the the danish study that just

977
00:35:44,710 --> 00:35:42,320
came out randomized control study that

978
00:35:47,190 --> 00:35:44,720
shows no result stack it along with all

979
00:35:49,990 --> 00:35:47,200
the epidemiological data which we should

980
00:35:52,790 --> 00:35:50,000
talk about right because we have we've

981
00:35:55,030 --> 00:35:52,800
kind of amassed a lot of data on mask

982
00:35:56,790 --> 00:35:55,040
wearing one we go into a state and one

983
00:35:58,310 --> 00:35:56,800
county enforces it and the other county

984
00:36:00,150 --> 00:35:58,320
does it and we look at the results at

985
00:36:01,910 --> 00:36:00,160
the end and there's no difference we go

986
00:36:04,150 --> 00:36:01,920
from state to state they do it there's

987
00:36:06,390 --> 00:36:04,160
no difference and that's difficult to

988
00:36:08,630 --> 00:36:06,400

compare it has all kinds of problems

989

00:36:10,230 --> 00:36:08,640

that's why we would really would want a

990

00:36:11,990 --> 00:36:10,240

randomized control trial where they

991

00:36:13,150 --> 00:36:12,000

really do kind of control that but we

992

00:36:15,510 --> 00:36:13,160

can't totally ignore that

993

00:36:17,430 --> 00:36:15,520

epidemiological data but here what we

994

00:36:20,470 --> 00:36:17,440

have is confirmation

995

00:36:23,430 --> 00:36:20,480

further confirmation that mask wearing

996

00:36:25,510 --> 00:36:23,440

doesn't work in the general population i

997

00:36:26,630 --> 00:36:25,520

think what they've done is they've hyped

998

00:36:29,030 --> 00:36:26,640

it up

999

00:36:31,829 --> 00:36:29,040

in order to bury it so the debate

1000

00:36:33,589 --> 00:36:31,839

becomes well you know did they really do

1001
00:36:35,510 --> 00:36:33,599
it you know did they do this right who

1002
00:36:38,150 --> 00:36:35,520
did they force to do it when what

1003
00:36:40,630 --> 00:36:38,160
they're really the real story is

1004
00:36:42,150 --> 00:36:40,640
another null result more data that it

1005
00:36:44,310 --> 00:36:42,160
that it doesn't work what do you think

1006
00:36:46,230 --> 00:36:44,320
of the big lie theory

1007
00:36:47,430 --> 00:36:46,240
oh i think it's absolutely right and

1008
00:36:50,390 --> 00:36:47,440
actually it reminds me of something the

1009
00:36:52,550 --> 00:36:50,400
cdc did in a study of pregnant women

1010
00:36:54,710 --> 00:36:52,560
taking the vaccine because what they did

1011
00:36:55,910 --> 00:36:54,720
there and i'm i'm just doing this for

1012
00:36:57,589 --> 00:36:55,920
memory so i'm not going to give

1013
00:37:00,230 --> 00:36:57,599

approximate numbers but

1014

00:37:01,430 --> 00:37:00,240

they did a study of about 900 pregnant

1015

00:37:02,470 --> 00:37:01,440

women i believe it was slightly more

1016

00:37:03,510 --> 00:37:02,480

than that but it was less than a

1017

00:37:05,430 --> 00:37:03,520

thousand

1018

00:37:08,230 --> 00:37:05,440

and they said their results in their

1019

00:37:10,870 --> 00:37:08,240

conclusions showed that the risk to

1020

00:37:12,870 --> 00:37:10,880

pregnant women of taking the vaccine was

1021

00:37:15,589 --> 00:37:12,880

in line with the normal risk of just

1022

00:37:17,910 --> 00:37:15,599

being pregnant and having a miscarriage

1023

00:37:19,990 --> 00:37:17,920

and that was based on 900 women with a

1024

00:37:21,430 --> 00:37:20,000

12 percent miscarriage rate which they

1025

00:37:23,270 --> 00:37:21,440

considered normal personally i think

1026
00:37:25,829 --> 00:37:23,280
that's shocking shockingly high i had no

1027
00:37:27,670 --> 00:37:25,839
idea that 12 would be considered normal

1028
00:37:28,790 --> 00:37:27,680
but let's assume that they're telling

1029
00:37:31,190 --> 00:37:28,800
the truth there and it really is

1030
00:37:33,430 --> 00:37:31,200
considered normal what they leave out is

1031
00:37:34,950 --> 00:37:33,440
in the very same article just like this

1032
00:37:36,550 --> 00:37:34,960
one they've got some numbers that

1033
00:37:38,150 --> 00:37:36,560
disagree with what they just said but

1034
00:37:40,630 --> 00:37:38,160
they don't highlight it so if you don't

1035
00:37:42,710 --> 00:37:40,640
pay attention you don't see it so within

1036
00:37:44,870 --> 00:37:42,720
that group of 900 women they've got it

1037
00:37:47,030 --> 00:37:44,880
broken down into trimesters and numbers

1038
00:37:49,750 --> 00:37:47,040

of weeks that they're pregnant right

1039

00:37:52,550 --> 00:37:49,760

so if you look at the women who were 20

1040

00:37:54,630 --> 00:37:52,560

weeks pregnant 82 percent of them had

1041

00:37:57,190 --> 00:37:54,640

miscarriages if you look at the women

1042

00:38:00,710 --> 00:37:57,200

who were 16 weeks pregnant or less it

1043

00:38:03,829 --> 00:38:00,720

was 92 percent miscarriages okay those

1044

00:38:06,069 --> 00:38:03,839

are extremely high rates but by blending

1045

00:38:08,470 --> 00:38:06,079

those values in with the remaining

1046

00:38:10,310 --> 00:38:08,480

women in that study who did not have

1047

00:38:11,829 --> 00:38:10,320

miscarriages like basically everybody

1048

00:38:13,510 --> 00:38:11,839

over 20 weeks

1049

00:38:15,589 --> 00:38:13,520

and they get to say it's only a 12

1050

00:38:17,990 --> 00:38:15,599

percent rate and everybody's safe

1051
00:38:20,069 --> 00:38:18,000
but what their data is actually saying

1052
00:38:23,030 --> 00:38:20,079
is if you're in your first 20 weeks you

1053
00:38:25,430 --> 00:38:23,040
are a very high risk group and it is not

1054
00:38:26,310 --> 00:38:25,440
safe for you if you're in your last 20

1055
00:38:28,950 --> 00:38:26,320
weeks

1056
00:38:31,510 --> 00:38:28,960
nope first it's the it's the women who

1057
00:38:34,390 --> 00:38:31,520
are in the first 20 weeks who are most

1058
00:38:36,710 --> 00:38:34,400
at risk of losing their baby not last

1059
00:38:38,790 --> 00:38:36,720
okay okay got it got it

1060
00:38:40,870 --> 00:38:38,800
so the thing is it's not just simply

1061
00:38:43,430 --> 00:38:40,880
disingenuous this isn't the simple error

1062
00:38:44,550 --> 00:38:43,440
this is something that um they had to

1063
00:38:45,589 --> 00:38:44,560

know because the numbers are sitting

1064

00:38:47,990 --> 00:38:45,599

right there

1065

00:38:49,670 --> 00:38:48,000

by covering it up the way they did by

1066

00:38:50,870 --> 00:38:49,680

masking it in their conclusions and

1067

00:38:53,589 --> 00:38:50,880

discussion

1068

00:38:55,910 --> 00:38:53,599

they were able to get out the message to

1069

00:38:57,589 --> 00:38:55,920

pregnant women no matter how far along

1070

00:38:59,670 --> 00:38:57,599

they were that this is safe and you

1071

00:39:01,990 --> 00:38:59,680

should go ahead and get the vaccine that

1072

00:39:03,510 --> 00:39:02,000

message can lead to them getting having

1073

00:39:05,589 --> 00:39:03,520

miscarriages and i think this is

1074

00:39:07,349 --> 00:39:05,599

something that is highly unethical on

1075

00:39:09,109 --> 00:39:07,359

the part of the cdc i'm shocked that

1076

00:39:10,550 --> 00:39:09,119

they did it and i'm shocked that they

1077

00:39:12,230 --> 00:39:10,560

got away with it actually i'm really

1078

00:39:13,589 --> 00:39:12,240

amazed that the media let them get away

1079

00:39:15,910 --> 00:39:13,599

with it because the information's just

1080

00:39:19,030 --> 00:39:15,920

sitting right there and what that means

1081

00:39:20,950 --> 00:39:19,040

to me is either the media is absolutely

1082

00:39:22,390 --> 00:39:20,960

lazy as all get out and they just don't

1083

00:39:23,750 --> 00:39:22,400

know how to read or something so they

1084

00:39:25,670 --> 00:39:23,760

don't bother looking

1085

00:39:27,349 --> 00:39:25,680

or they're complicit in this and i

1086

00:39:29,349 --> 00:39:27,359

actually think it's more likely a

1087

00:39:31,349 --> 00:39:29,359

combination of the two i think they

1088

00:39:32,630 --> 00:39:31,359

they will accept the top line reading of

1089

00:39:35,270 --> 00:39:32,640

an article that they're told by the

1090

00:39:37,670 --> 00:39:35,280

producers to read but i also think that

1091

00:39:38,870 --> 00:39:37,680

um that they seem to want to promote

1092

00:39:40,870 --> 00:39:38,880

this stuff because that's what they're

1093

00:39:42,710 --> 00:39:40,880

actually doing it's really shocking to

1094

00:39:43,910 --> 00:39:42,720

see this and it's it's widespread i just

1095

00:39:46,069 --> 00:39:43,920

wrote an article about this just a

1096

00:39:47,750 --> 00:39:46,079

couple days ago called laundering lies

1097

00:39:48,950 --> 00:39:47,760

uh for red voice media and it's all

1098

00:39:52,230 --> 00:39:48,960

about how

1099

00:39:54,150 --> 00:39:52,240

um people are lying to

1100

00:39:55,670 --> 00:39:54,160

more or less honest people but they're

1101
00:39:57,910 --> 00:39:55,680
doing in such a convincing way these

1102
00:39:59,670 --> 00:39:57,920
honest people believe the lie

1103
00:40:01,510 --> 00:39:59,680
and then spread it widely to other

1104
00:40:03,670 --> 00:40:01,520
people who readily accept it because the

1105
00:40:05,349 --> 00:40:03,680
people who are talking to them that are

1106
00:40:06,710 --> 00:40:05,359
known to be honest people and they

1107
00:40:08,069 --> 00:40:06,720
honestly believe the things so they're

1108
00:40:09,829 --> 00:40:08,079
taking a lie

1109
00:40:11,829 --> 00:40:09,839
from corrupt individuals who are doing

1110
00:40:12,870 --> 00:40:11,839
it on purpose and passing it off into

1111
00:40:14,470 --> 00:40:12,880
the hands of other people who are

1112
00:40:16,550 --> 00:40:14,480
basically cleaning it because they

1113
00:40:18,630 --> 00:40:16,560

themselves are honest and innocent in

1114

00:40:20,550 --> 00:40:18,640

all this and they become victims because

1115

00:40:23,270 --> 00:40:20,560

then what happens is they act on these

1116

00:40:25,430 --> 00:40:23,280

lies they change their habits they

1117

00:40:26,950 --> 00:40:25,440

change their social relationships and so

1118

00:40:28,710 --> 00:40:26,960

on and it's destructive to people around

1119

00:40:30,390 --> 00:40:28,720

them and it's destructive to themselves

1120

00:40:32,230 --> 00:40:30,400

so for instance if you're lying about

1121

00:40:33,510 --> 00:40:32,240

whether or not masks are efficacious and

1122

00:40:34,790 --> 00:40:33,520

you're telling people to wear these and

1123

00:40:36,150 --> 00:40:34,800

they're always useful and everyone

1124

00:40:39,109 --> 00:40:36,160

should do it

1125

00:40:40,950 --> 00:40:39,119

but in fact they're either useless or

1126

00:40:42,069 --> 00:40:40,960

they have a harmful effect

1127

00:40:43,750 --> 00:40:42,079

then what you're doing is you're

1128

00:40:45,510 --> 00:40:43,760

promoting something that has a

1129

00:40:46,790 --> 00:40:45,520

consequence it's the exact opposite of

1130

00:40:48,390 --> 00:40:46,800

what your intentions are and you're

1131

00:40:50,150 --> 00:40:48,400

doing it because you've been persuaded

1132

00:40:51,670 --> 00:40:50,160

to do it by people who have ill

1133

00:40:52,790 --> 00:40:51,680

intentions that's how it looks to me

1134

00:40:54,950 --> 00:40:52,800

anyway

1135

00:40:56,390 --> 00:40:54,960

wow that's a stunning example you'll

1136

00:40:57,990 --> 00:40:56,400

have to send me that and i'll see if i

1137

00:40:59,990 --> 00:40:58,000

can incorporate it

1138

00:41:01,750 --> 00:41:00,000

into this uh end of the video part of

1139

00:41:03,430 --> 00:41:01,760

this and i'll provide

1140

00:41:06,470 --> 00:41:03,440

for people who do it

1141

00:41:09,589 --> 00:41:06,480

and i i stumbled across a lie

1142

00:41:11,589 --> 00:41:09,599

not of that proportion but i think it

1143

00:41:14,230 --> 00:41:11,599

fits in beautifully with what you're

1144

00:41:15,990 --> 00:41:14,240

just saying and it was that this is what

1145

00:41:19,510 --> 00:41:16,000

one of the

1146

00:41:22,630 --> 00:41:19,520

guys

1147

00:41:24,309 --> 00:41:22,640

ahmed mubarak i'm not totally sure on

1148

00:41:26,790 --> 00:41:24,319

that name but hey i invited them on

1149

00:41:28,390 --> 00:41:26,800

skeptical i invited i should point out

1150

00:41:31,270 --> 00:41:28,400

remind me i invited all these people on

1151

00:41:33,750 --> 00:41:31,280

skeptico i invited jason i invited

1152

00:41:35,750 --> 00:41:33,760

ashley multiple times to come on

1153

00:41:36,710 --> 00:41:35,760

skeptico i did get one response from

1154

00:41:38,630 --> 00:41:36,720

jason

1155

00:41:41,270 --> 00:41:38,640

saying after i pestered a bunch of times

1156

00:41:42,870 --> 00:41:41,280

saying oh i'm too busy i can't do it now

1157

00:41:44,870 --> 00:41:42,880

which speaks back to your point no

1158

00:41:46,710 --> 00:41:44,880

scientific debate on this so it's not

1159

00:41:49,670 --> 00:41:46,720

just little old me that they're blowing

1160

00:41:51,750 --> 00:41:49,680

off they're not they're not engaging in

1161

00:41:53,910 --> 00:41:51,760

any dialogue on this they're if they can

1162

00:41:56,550 --> 00:41:53,920

go on and do kind of press release

1163

00:41:59,589 --> 00:41:56,560

readings on the media they'll do that

1164

00:42:02,630 --> 00:41:59,599

but no engagement with with any of this

1165

00:42:05,510 --> 00:42:02,640

stuff but here's the quote from ahmed

1166

00:42:07,349 --> 00:42:05,520

this is so next level creepy i want to

1167

00:42:09,750 --> 00:42:07,359

process it a little bit because it gets

1168

00:42:11,190 --> 00:42:09,760

to this bigger issue here's what he

1169

00:42:12,710 --> 00:42:11,200

wrote in i think this is in the

1170

00:42:14,790 --> 00:42:12,720

washington post but you can find it

1171

00:42:17,190 --> 00:42:14,800

we'll have the exact quote in there

1172

00:42:20,390 --> 00:42:17,200

he says most importantly as soon as the

1173

00:42:22,790 --> 00:42:20,400

data began to suggest that masking had

1174

00:42:25,589 --> 00:42:22,800

benefits months before we drafted and

1175

00:42:27,829 --> 00:42:25,599

released our study we began to talk to

1176

00:42:30,710 --> 00:42:27,839

the world health organization

1177

00:42:33,510 --> 00:42:30,720

the bill and melinda gates foundation

1178

00:42:36,309 --> 00:42:33,520

and the world bank and dozens of other

1179

00:42:38,069 --> 00:42:36,319

governmental and non-governmental groups

1180

00:42:40,710 --> 00:42:38,079

about scaling up

1181

00:42:44,150 --> 00:42:40,720

so others would benefit

1182

00:42:45,349 --> 00:42:44,160

here's the real beauty of this lie

1183

00:42:49,430 --> 00:42:45,359

remember

1184

00:42:51,910 --> 00:42:49,440

one in a thousand was the difference

1185

00:42:54,150 --> 00:42:51,920

this is clearly a lie

1186

00:42:56,470 --> 00:42:54,160

there's no way the data came in if you

1187

00:42:58,950 --> 00:42:56,480

actually run the numbers they wound up

1188

00:43:00,790 --> 00:42:58,960

with slightly more

1189

00:43:03,270 --> 00:43:00,800

covet cases

1190

00:43:04,870 --> 00:43:03,280

in their intervention group than in

1191

00:43:07,030 --> 00:43:04,880

their control group because their

1192

00:43:10,309 --> 00:43:07,040

population sizes were a little bit off

1193

00:43:13,270 --> 00:43:10,319

and they had to adjust it but at no time

1194

00:43:16,390 --> 00:43:13,280

at no time could have ahmed observed any

1195

00:43:19,829 --> 00:43:16,400

kind of significant surge in mass

1196

00:43:21,990 --> 00:43:19,839

effectiveness because it was never ever

1197

00:43:24,150 --> 00:43:22,000

ever there and we know that because

1198

00:43:26,950 --> 00:43:24,160

that's what the results say

1199

00:43:28,390 --> 00:43:26,960

so how can this be anything other than a

1200

00:43:29,750 --> 00:43:28,400

complete

1201

00:43:30,870 --> 00:43:29,760

lie

1202

00:43:31,990 --> 00:43:30,880

yeah well actually i want to say

1203

00:43:33,829 --> 00:43:32,000

something about what you just said

1204

00:43:35,910 --> 00:43:33,839

because i think that population size

1205

00:43:37,510 --> 00:43:35,920

difference is important because

1206

00:43:39,589 --> 00:43:37,520

they mention that in the article they

1207

00:43:41,190 --> 00:43:39,599

say you know this is the population size

1208

00:43:42,790 --> 00:43:41,200

of one group this is the population size

1209

00:43:44,630 --> 00:43:42,800

of the other group and then they say but

1210

00:43:46,630 --> 00:43:44,640

the difference is negligible so we can

1211

00:43:48,550 --> 00:43:46,640

basically ignore that but then when they

1212

00:43:50,790 --> 00:43:48,560

get to this incredibly tiny result that

1213

00:43:52,550 --> 00:43:50,800

they have that's they they're going to

1214

00:43:54,390 --> 00:43:52,560

magnify by turning it into a relative

1215

00:43:55,750 --> 00:43:54,400

measurement and making it seem like it's

1216

00:43:56,950 --> 00:43:55,760

much bigger than it is so i'm thinking

1217

00:43:58,950 --> 00:43:56,960

you know if you can just discard

1218

00:44:01,589 --> 00:43:58,960

thousands of people extra in one group

1219

00:44:03,190 --> 00:44:01,599

over the other you should be doing

1220

00:44:04,950 --> 00:44:03,200

giving the other

1221

00:44:06,309 --> 00:44:04,960

number the same treatment basically and

1222

00:44:08,150 --> 00:44:06,319

saying you know what this is too small

1223

00:44:10,150 --> 00:44:08,160

to really worry about that's a great

1224

00:44:11,670 --> 00:44:10,160

point because folks if you want to go in

1225

00:44:13,670 --> 00:44:11,680

there and dig into the numbers and work

1226
00:44:16,309 --> 00:44:13,680
the numbers backwards because

1227
00:44:18,710 --> 00:44:16,319
they're kind of very sketch on the

1228
00:44:20,150 --> 00:44:18,720
numbers too they don't always add up but

1229
00:44:22,710 --> 00:44:20,160
for the most part they do add up and

1230
00:44:25,109 --> 00:44:22,720
what they do give you in the study is

1231
00:44:27,589 --> 00:44:25,119
the total number of tests that they did

1232
00:44:29,589 --> 00:44:27,599
covet tests control group intervention

1233
00:44:31,910 --> 00:44:29,599
group and they give you the percentage

1234
00:44:33,430 --> 00:44:31,920
of people who tested positive and from

1235
00:44:34,950 --> 00:44:33,440
that they don't give you the actual

1236
00:44:36,550 --> 00:44:34,960
numbers they never give you the case and

1237
00:44:38,470 --> 00:44:36,560
was a number of cases because the number

1238
00:44:40,550 --> 00:44:38,480

of cases would just startle you it'd be

1239

00:44:41,829 --> 00:44:40,560

this one in a thousand you'd go what in

1240

00:44:43,349 --> 00:44:41,839

a thousand what are you guys talking

1241

00:44:45,430 --> 00:44:43,359

about this could not possibly be

1242

00:44:47,430 --> 00:44:45,440

significant but they bury it there but

1243

00:44:49,190 --> 00:44:47,440

if you work backwards to support your

1244

00:44:51,349 --> 00:44:49,200

point andy

1245

00:44:54,710 --> 00:44:51,359

again work those numbers backwards and

1246

00:44:56,390 --> 00:44:54,720

there's actually more coveted cases

1247

00:44:58,710 --> 00:44:56,400

in the intervention group that is people

1248

00:45:01,670 --> 00:44:58,720

who wore masks they actually counted

1249

00:45:03,109 --> 00:45:01,680

more coveted cases in that group

1250

00:45:05,589 --> 00:45:03,119

than they did in their control group

1251
00:45:07,750 --> 00:45:05,599
people who didn't wear masks now

1252
00:45:08,870 --> 00:45:07,760
as you just said they can kind of say

1253
00:45:11,510 --> 00:45:08,880
well there's a little bit of a

1254
00:45:13,910 --> 00:45:11,520
population size there so we'll adjust it

1255
00:45:16,150 --> 00:45:13,920
and then you can get this very tiny tiny

1256
00:45:18,870 --> 00:45:16,160
little difference that they pump up but

1257
00:45:21,270 --> 00:45:18,880
fake fake fake junk science all the way

1258
00:45:23,109 --> 00:45:21,280
and i would suggest a big lie

1259
00:45:25,750 --> 00:45:23,119
yeah well one thing about that that's

1260
00:45:27,910 --> 00:45:25,760
important too is that the difference in

1261
00:45:29,510 --> 00:45:27,920
population size between the two groups

1262
00:45:31,109 --> 00:45:29,520
is greater than the percentage

1263
00:45:34,230 --> 00:45:31,119

difference between the two numbers that

1264

00:45:37,430 --> 00:45:34,240

they extract their 9.3 relative uh

1265

00:45:39,510 --> 00:45:37,440

improvement number from okay so

1266

00:45:41,109 --> 00:45:39,520

that also is important because if

1267

00:45:43,670 --> 00:45:41,119

they're ignoring let's just say one

1268

00:45:45,349 --> 00:45:43,680

percent over here they need to ignore

1269

00:45:47,829 --> 00:45:45,359

everything under one percent over there

1270

00:45:50,390 --> 00:45:47,839

because they're connected okay

1271

00:45:52,390 --> 00:45:50,400

um and i'll tell you when i was doing uh

1272

00:45:53,910 --> 00:45:52,400

my study on death streams with all this

1273

00:45:56,550 --> 00:45:53,920

help from daryl them which i really

1274

00:45:59,030 --> 00:45:56,560

appreciated you know i i found things

1275

00:46:00,390 --> 00:45:59,040

that didn't really match my hypothesis

1276

00:46:02,069 --> 00:46:00,400

very well but it didn't make me

1277

00:46:04,550 --> 00:46:02,079

dishonest about it it didn't make me

1278

00:46:06,550 --> 00:46:04,560

just discard them from the from the pile

1279

00:46:08,069 --> 00:46:06,560

and not report them or to report them

1280

00:46:10,710 --> 00:46:08,079

differently from i just recorded them

1281

00:46:13,349 --> 00:46:10,720

exactly as they were it's like this one

1282

00:46:15,430 --> 00:46:13,359

is an outlier okay you know i've got all

1283

00:46:17,349 --> 00:46:15,440

these other examples here and this is

1284

00:46:20,309 --> 00:46:17,359

the result i get when i when i run my

1285

00:46:21,670 --> 00:46:20,319

test and these guys are are different we

1286

00:46:23,589 --> 00:46:21,680

can talk about that separately but i'm

1287

00:46:24,950 --> 00:46:23,599

not going to leave them out and i am

1288

00:46:26,470 --> 00:46:24,960

going to draw attention to it that's the

1289

00:46:28,390 --> 00:46:26,480

thing when you have something like that

1290

00:46:30,069 --> 00:46:28,400

that deviates from everything else you

1291

00:46:31,910 --> 00:46:30,079

have to mention it otherwise you're not

1292

00:46:33,990 --> 00:46:31,920

honestly reporting results

1293

00:46:35,990 --> 00:46:34,000

these guys don't mention that stuff they

1294

00:46:37,670 --> 00:46:36,000

ignore it they just they just gloss over

1295

00:46:39,589 --> 00:46:37,680

it all over the place you know if i'd

1296

00:46:41,349 --> 00:46:39,599

gotten this from um

1297

00:46:43,990 --> 00:46:41,359

from a student i you know i taught a

1298

00:46:45,910 --> 00:46:44,000

master's research writing class when i

1299

00:46:47,829 --> 00:46:45,920

was uh teaching university in the

1300

00:46:50,630 --> 00:46:47,839

netherlands if i'd gotten this from

1301

00:46:53,430 --> 00:46:50,640

students initially i'd be thinking wow

1302

00:46:56,230 --> 00:46:53,440

you got a 96 page paper here 93 whatever

1303

00:46:58,150 --> 00:46:56,240

it is and that's impressive oh you got

1304

00:46:59,750 --> 00:46:58,160

340 000 participants that's impressive

1305

00:47:01,430 --> 00:46:59,760

right i look at it but then i'd read one

1306

00:47:04,470 --> 00:47:01,440

paragraph in i'd be thinking this is a

1307

00:47:07,030 --> 00:47:04,480

bunch of garbage because they don't

1308

00:47:09,270 --> 00:47:07,040

treat the subject honestly from the very

1309

00:47:11,589 --> 00:47:09,280

beginning they don't deal with any kind

1310

00:47:12,950 --> 00:47:11,599

of contrary information whatsoever and

1311

00:47:14,550 --> 00:47:12,960

they disguise their numbers and they're

1312

00:47:16,230 --> 00:47:14,560

inflating things all over the place by

1313

00:47:17,670 --> 00:47:16,240

using these wild extrapolations without

1314

00:47:20,150 --> 00:47:17,680

sufficient bases

1315

00:47:22,309 --> 00:47:20,160

it's ridiculous the the real problem to

1316

00:47:24,150 --> 00:47:22,319

me that i'm trying to

1317

00:47:25,990 --> 00:47:24,160

chronicle if you will because i feel

1318

00:47:27,349 --> 00:47:26,000

like i've been kind of part of it with

1319

00:47:28,549 --> 00:47:27,359

skeptico

1320

00:47:32,069 --> 00:47:28,559

is

1321

00:47:34,150 --> 00:47:32,079

how rapidly they've undermined science

1322

00:47:35,990 --> 00:47:34,160

you know what i mean because like

1323

00:47:37,829 --> 00:47:36,000

you did the thing with daryl bem for

1324

00:47:38,870 --> 00:47:37,839

your journal of scientific exploration

1325

00:47:41,430 --> 00:47:38,880

paper

1326

00:47:43,349 --> 00:47:41,440

i had daryl bem on this show

1327

00:47:45,349 --> 00:47:43,359

let me pull it up

1328

00:47:46,390 --> 00:47:45,359

hey alex yes

1329

00:47:48,069 --> 00:47:46,400

while you're doing that i want to

1330

00:47:49,750 --> 00:47:48,079

mention two things because i want to say

1331

00:47:51,750 --> 00:47:49,760

this and i'm hoping that it's you you

1332

00:47:53,990 --> 00:47:51,760

find it worth including

1333

00:47:56,630 --> 00:47:54,000

number one i love talking about how

1334

00:47:59,510 --> 00:47:56,640

science is undermined okay and i also

1335

00:48:00,870 --> 00:47:59,520

think you and your skeptico program have

1336

00:48:03,510 --> 00:48:00,880

done a lot

1337

00:48:06,069 --> 00:48:03,520

to illustrate that and i really admire

1338

00:48:08,230 --> 00:48:06,079

that work that you've done so to me the

1339

00:48:11,910 --> 00:48:08,240

hallmark of skeptico is you're

1340

00:48:14,150 --> 00:48:11,920

absolutely not afraid to deal directly

1341

00:48:16,630 --> 00:48:14,160

with the people who disagree with you

1342

00:48:19,670 --> 00:48:16,640

and you as far as i can tell have

1343

00:48:21,750 --> 00:48:19,680

honestly tried to find out if the other

1344

00:48:23,349 --> 00:48:21,760

side might be right you've asked them

1345

00:48:25,030 --> 00:48:23,359

the questions you need to ask and you've

1346

00:48:27,270 --> 00:48:25,040

listened to their answers

1347

00:48:29,510 --> 00:48:27,280

and you've waited until you've done that

1348

00:48:32,230 --> 00:48:29,520

before deciding okay wait a minute this

1349

00:48:33,589 --> 00:48:32,240

makes sense or it doesn't to me that's

1350

00:48:35,990 --> 00:48:33,599

how this kind of inquiry should be

1351

00:48:37,109 --> 00:48:36,000

conducted and it is something that i

1352

00:48:39,750 --> 00:48:37,119

don't see

1353

00:48:41,270 --> 00:48:39,760

very often anymore at least not in these

1354

00:48:43,349 --> 00:48:41,280

kinds of subjects

1355

00:48:46,470 --> 00:48:43,359

that's nice of you to say

1356

00:48:48,390 --> 00:48:46,480

my concern is that in the

1357

00:48:50,069 --> 00:48:48,400

10 plus years that i've been doing this

1358

00:48:51,190 --> 00:48:50,079

it's kind of coming up on 15 pretty

1359

00:48:53,190 --> 00:48:51,200

quick

1360

00:48:55,270 --> 00:48:53,200

i've definitely seen a shift

1361

00:48:57,349 --> 00:48:55,280

i definitely have seen a shift and i

1362

00:48:59,270 --> 00:48:57,359

want to talk about that with you because

1363

00:49:02,470 --> 00:48:59,280

ultimately that's what this that's what

1364

00:49:03,910 --> 00:49:02,480

this whole thing is really about is how

1365

00:49:06,790 --> 00:49:03,920

far down

1366

00:49:09,910 --> 00:49:06,800

on the path are we is this business as

1367

00:49:12,549 --> 00:49:09,920

usual to what extent can we should we

1368

00:49:14,470 --> 00:49:12,559

try to stop this when i

1369

00:49:17,910 --> 00:49:14,480

back in the day when i really had no

1370

00:49:21,190 --> 00:49:17,920

clue and i had richard wiseman and

1371

00:49:22,790 --> 00:49:21,200

rupert sheldrick on there debating about

1372

00:49:24,470 --> 00:49:22,800

dogs that know when their owners are

1373

00:49:27,270 --> 00:49:24,480

coming home and i don't know if anyone

1374

00:49:28,470 --> 00:49:27,280

remembers this show way back then but we

1375

00:49:32,790 --> 00:49:28,480

really

1376

00:49:35,430 --> 00:49:32,800

was kind of a seminal moment because we

1377

00:49:37,510 --> 00:49:35,440

got we got richard wiseman on and he

1378

00:49:39,270 --> 00:49:37,520

finally had to admit well

1379

00:49:40,549 --> 00:49:39,280

yeah he wouldn't admit

1380

00:49:43,030 --> 00:49:40,559

that he was being intentionally

1381

00:49:44,630 --> 00:49:43,040

deceptive which he was and sheldor

1382

00:49:46,870 --> 00:49:44,640

called him out on it

1383

00:49:48,950 --> 00:49:46,880

but he admitted well the data is the

1384

00:49:50,870 --> 00:49:48,960

data i can't really argue against

1385

00:49:53,750 --> 00:49:50,880

sheldrick's data

1386

00:49:56,470 --> 00:49:53,760

to me at this point that looks so

1387

00:49:59,109 --> 00:49:56,480

refreshingly honest from a very

1388

00:50:03,109 --> 00:49:59,119

dishonest guy richard wiseman that it's

1389

00:50:07,430 --> 00:50:03,119

almost a marker of how far we've slipped

1390

00:50:10,470 --> 00:50:07,440

i pulled up uh episode 170 with daryl

1391

00:50:13,349 --> 00:50:10,480

ben responds to parapsychology debunkers

1392

00:50:16,309 --> 00:50:13,359

and i also pulled up way back

1393

00:50:17,750 --> 00:50:16,319

skeptical 126 andy paquette claims 20

1394

00:50:19,510 --> 00:50:17,760

years of history with pre-cognitive

1395

00:50:21,349 --> 00:50:19,520

dreams

1396

00:50:24,069 --> 00:50:21,359

the reason they're linked is because you

1397

00:50:27,109 --> 00:50:24,079

did lean on daryl ben because you had a

1398

00:50:29,750 --> 00:50:27,119

complicated statistical problem again

1399

00:50:33,030 --> 00:50:29,760

you're super rigorous about the way you

1400

00:50:34,870 --> 00:50:33,040

treat your data and as such you had data

1401

00:50:37,109 --> 00:50:34,880

that you could really do just real

1402

00:50:37,829 --> 00:50:37,119

statistical analysis on it and you had

1403

00:50:42,790 --> 00:50:37,839

to

1404

00:50:46,069 --> 00:50:42,800

spun your head around

1405

00:50:48,870 --> 00:50:46,079

daryl bem cornell university published

1406

00:50:51,589 --> 00:50:48,880

in top journals had the same problem and

1407

00:50:54,470 --> 00:50:51,599

it when when we did the the

1408

00:50:56,470 --> 00:50:54,480

when we did this episode on daryl bem he

1409

00:50:58,790 --> 00:50:56,480

comes to the same conclusion

1410

00:51:01,430 --> 00:50:58,800

intentionally deceptive and again it was

1411

00:51:03,589 --> 00:51:01,440

richard wiseman i don't know

1412

00:51:05,430 --> 00:51:03,599

richard wiseman he was kind of the guy

1413

00:51:07,910 --> 00:51:05,440

that they leaned on to go

1414

00:51:10,710 --> 00:51:07,920

debunk this stuff back in the day but

1415

00:51:14,069 --> 00:51:10,720

again it was intentionally deceptive but

1416

00:51:17,589 --> 00:51:14,079

not to the order of magnitude that we

1417

00:51:20,069 --> 00:51:17,599

see here this to me seems like a whole

1418

00:51:21,349 --> 00:51:20,079

different ballgame where you have

1419

00:51:24,390 --> 00:51:21,359

like you pointed out at the very

1420

00:51:26,710 --> 00:51:24,400

beginning you have a pure you you have a

1421

00:51:29,109 --> 00:51:26,720

pre-release paper that hasn't even

1422

00:51:31,589 --> 00:51:29,119

undergone peer review and you

1423

00:51:34,309 --> 00:51:31,599

immediately have the media access to the

1424

00:51:36,630 --> 00:51:34,319

washington post new york times live

1425

00:51:39,589 --> 00:51:36,640

science all the other places to make out

1426
00:51:42,150 --> 00:51:39,599
and make all these outrageous claims

1427
00:51:44,549 --> 00:51:42,160
this is a new level that i haven't seen

1428
00:51:45,910 --> 00:51:44,559
before and it just makes you wonder

1429
00:51:48,309 --> 00:51:45,920
how far

1430
00:51:51,670 --> 00:51:48,319
they've gone in just kind of completely

1431
00:51:54,470 --> 00:51:51,680
undermining serious scientific

1432
00:51:56,549 --> 00:51:54,480
debate serious scientific analysis on

1433
00:51:58,790 --> 00:51:56,559
tough subjects on the stuff that just

1434
00:52:00,390 --> 00:51:58,800
doesn't conform with what everyone

1435
00:52:02,390 --> 00:52:00,400
already believes

1436
00:52:04,549 --> 00:52:02,400
actually i've gotta i'm just gonna make

1437
00:52:06,470 --> 00:52:04,559
a couple comments on that because i i

1438
00:52:07,750 --> 00:52:06,480

made a couple of observations i hadn't

1439

00:52:09,670 --> 00:52:07,760

really thought of until you started

1440

00:52:13,190 --> 00:52:09,680

talking about this

1441

00:52:15,510 --> 00:52:13,200

so when i started getting into um

1442

00:52:17,510 --> 00:52:15,520

studying dreams right it was simply

1443

00:52:19,589 --> 00:52:17,520

because i had evidence in front of me

1444

00:52:21,990 --> 00:52:19,599

and although i didn't notice it my wife

1445

00:52:23,750 --> 00:52:22,000

did she got me to look at it

1446

00:52:25,430 --> 00:52:23,760

but at a certain point i started

1447

00:52:26,950 --> 00:52:25,440

listening to your shows and it was

1448

00:52:29,109 --> 00:52:26,960

interesting i actually really enjoyed

1449

00:52:30,829 --> 00:52:29,119

hearing the adverse comments that the

1450

00:52:33,670 --> 00:52:30,839

people who disagreed with the

1451
00:52:35,750 --> 00:52:33,680
parapsychology hypothesis because

1452
00:52:37,190 --> 00:52:35,760
if by by listening to them i felt

1453
00:52:39,430 --> 00:52:37,200
actually better

1454
00:52:41,510 --> 00:52:39,440
about um

1455
00:52:43,030 --> 00:52:41,520
some of the other conclusions i i had

1456
00:52:45,030 --> 00:52:43,040
made because

1457
00:52:46,790 --> 00:52:45,040
they never made any sense they very

1458
00:52:49,030 --> 00:52:46,800
rarely justified what they were saying

1459
00:52:50,390 --> 00:52:49,040
very well and i could very easily see

1460
00:52:52,710 --> 00:52:50,400
through their arguments

1461
00:52:54,549 --> 00:52:52,720
if i hadn't seen that i might have

1462
00:52:57,270 --> 00:52:54,559
always harbored a suspicion that maybe

1463
00:52:59,270 --> 00:52:57,280

there was a a fantastic nail in the

1464

00:53:01,510 --> 00:52:59,280

coffin argument out there just waiting

1465

00:53:03,349 --> 00:53:01,520

to shoot down the idea that i'm having

1466

00:53:05,270 --> 00:53:03,359

dreams about the future right

1467

00:53:07,589 --> 00:53:05,280

but because i actually saw these guys or

1468

00:53:09,670 --> 00:53:07,599

heard them on your show i was able to

1469

00:53:11,990 --> 00:53:09,680

just you know realize that that that

1470

00:53:13,030 --> 00:53:12,000

probably isn't the case but one thing

1471

00:53:15,910 --> 00:53:13,040

that i

1472

00:53:18,230 --> 00:53:15,920

i did feel at the time is that this is

1473

00:53:19,990 --> 00:53:18,240

parapsychology this is an inherently

1474

00:53:22,230 --> 00:53:20,000

controversial topic there are a lot of

1475

00:53:24,630 --> 00:53:22,240

people who just on the basis of atheism

1476

00:53:26,069 --> 00:53:24,640

alone aren't going to accept anything

1477

00:53:27,349 --> 00:53:26,079

related to this and then you're going to

1478

00:53:28,790 --> 00:53:27,359

have people for religious reasons aren't

1479

00:53:30,390 --> 00:53:28,800

going to accept it then there's this

1480

00:53:32,549 --> 00:53:30,400

tiny sliver of people who are going to

1481

00:53:35,109 --> 00:53:32,559

be open enough to actually pay attention

1482

00:53:36,549 --> 00:53:35,119

to the data and even the smaller sliver

1483

00:53:38,230 --> 00:53:36,559

that are going to understand it and even

1484

00:53:40,870 --> 00:53:38,240

smaller sliver they're going to have

1485

00:53:43,430 --> 00:53:40,880

access to the right data okay so i was

1486

00:53:45,349 --> 00:53:43,440

looking at the the problem with skeptics

1487

00:53:48,069 --> 00:53:45,359

and parapsychology is being

1488

00:53:49,430 --> 00:53:48,079

linked to that subject matter but after

1489

00:53:52,790 --> 00:53:49,440

listening to you talk right now i'm

1490

00:53:56,390 --> 00:53:52,800

wondering if we're seeing dishonesty

1491

00:53:58,069 --> 00:53:56,400

among scientists in parapsychology why

1492

00:54:00,630 --> 00:53:58,079

would we think it's any different among

1493

00:54:02,630 --> 00:54:00,640

scientists anywhere else okay

1494

00:54:05,349 --> 00:54:02,640

and looking at what we're seeing right

1495

00:54:07,270 --> 00:54:05,359

now makes me think it is impossible that

1496

00:54:09,430 --> 00:54:07,280

these guys suddenly became dishonest in

1497

00:54:10,790 --> 00:54:09,440

the last 18 months during the covet

1498

00:54:13,030 --> 00:54:10,800

pandemic

1499

00:54:15,430 --> 00:54:13,040

i think it's been going on and we just

1500

00:54:18,069 --> 00:54:15,440

haven't noticed it because the subjects

1501
00:54:21,030 --> 00:54:18,079
were inherently less controversial in

1502
00:54:23,349 --> 00:54:21,040
other words why question it okay

1503
00:54:24,870 --> 00:54:23,359
with a subject that is inherently uh

1504
00:54:26,710 --> 00:54:24,880
controversial

1505
00:54:28,910 --> 00:54:26,720
parapsychology and i think this is also

1506
00:54:31,510 --> 00:54:28,920
a very interesting data point

1507
00:54:32,630 --> 00:54:31,520
parapsychologists have been essentially

1508
00:54:35,829 --> 00:54:32,640
forced

1509
00:54:39,030 --> 00:54:35,839
to use far more rigorous methods than

1510
00:54:40,950 --> 00:54:39,040
are used anywhere else because

1511
00:54:42,710 --> 00:54:40,960
they keep on defeating the arguments the

1512
00:54:45,190 --> 00:54:42,720
skeptics throw their way

1513
00:54:47,670 --> 00:54:45,200

but to do it they have to keep on coming

1514

00:54:49,990 --> 00:54:47,680

up with new methods that are even more

1515

00:54:52,309 --> 00:54:50,000

rigorous and what has happened is

1516

00:54:53,910 --> 00:54:52,319

they've essentially become almost i hate

1517

00:54:55,430 --> 00:54:53,920

to say it this way like superheroes

1518

00:54:58,069 --> 00:54:55,440

among scientists

1519

00:55:00,230 --> 00:54:58,079

because the strength of the rigor that

1520

00:55:01,829 --> 00:55:00,240

they're applying is much greater than

1521

00:55:04,069 --> 00:55:01,839

what you see elsewhere

1522

00:55:06,549 --> 00:55:04,079

so what that implies to me if we're

1523

00:55:09,829 --> 00:55:06,559

seeing this high level of skepticism in

1524

00:55:11,829 --> 00:55:09,839

this field with this level of rigor okay

1525

00:55:13,750 --> 00:55:11,839

it's definitely happening everywhere

1526

00:55:15,829 --> 00:55:13,760

else that is to say the lies and

1527

00:55:17,910 --> 00:55:15,839

obfuscations and so on and nobody's

1528

00:55:20,549 --> 00:55:17,920

looking at it very carefully because

1529

00:55:23,109 --> 00:55:20,559

it's not very controversial so and then

1530

00:55:24,470 --> 00:55:23,119

i started thinking about uh climate

1531

00:55:25,750 --> 00:55:24,480

change science and you know

1532

00:55:26,870 --> 00:55:25,760

conversations i've had with a good

1533

00:55:28,150 --> 00:55:26,880

friend of mine who's a high energy

1534

00:55:29,750 --> 00:55:28,160

physicist and

1535

00:55:31,750 --> 00:55:29,760

on the topic and i'm thinking you know

1536

00:55:33,510 --> 00:55:31,760

what this has been going on for a long

1537

00:55:36,230 --> 00:55:33,520

time there's a very high level of

1538

00:55:38,470 --> 00:55:36,240

plurality a low level of skepticism and

1539

00:55:40,549 --> 00:55:38,480

i'll tell you i associate skepticism

1540

00:55:41,430 --> 00:55:40,559

with the practice of genuine science

1541

00:55:44,390 --> 00:55:41,440

right

1542

00:55:46,470 --> 00:55:44,400

be skeptical look at the data follow the

1543

00:55:48,789 --> 00:55:46,480

data come to conclusions that are based

1544

00:55:51,589 --> 00:55:48,799

on the data right but what i'm seeing

1545

00:55:54,390 --> 00:55:51,599

instead are people who are following

1546

00:55:56,950 --> 00:55:54,400

whatever instinct they have which may be

1547

00:55:59,349 --> 00:55:56,960

a desire and it may be something that is

1548

00:56:01,430 --> 00:55:59,359

based on genuine investigatory

1549

00:56:03,109 --> 00:56:01,440

perception i don't know but

1550

00:56:05,270 --> 00:56:03,119

but in this particular case it looks

1551
00:56:07,270 --> 00:56:05,280
like these guys wanted money from who

1552
00:56:09,510 --> 00:56:07,280
and they figured this is a way to do it

1553
00:56:11,270 --> 00:56:09,520
because um doing anything that's going

1554
00:56:13,829 --> 00:56:11,280
to support mass mandates is going to get

1555
00:56:16,950 --> 00:56:13,839
the money uh that's the push right now

1556
00:56:20,470 --> 00:56:16,960
so just like jumping on the railroads

1557
00:56:22,630 --> 00:56:20,480
back in the 1850s um this is like a gold

1558
00:56:23,829 --> 00:56:22,640
rush for people who do research

1559
00:56:25,589 --> 00:56:23,839
do something that's going to support

1560
00:56:27,589 --> 00:56:25,599
mass mandates

1561
00:56:29,589 --> 00:56:27,599
and that's even putting a potentially

1562
00:56:32,549 --> 00:56:29,599
positive spin on it we don't know if

1563
00:56:35,030 --> 00:56:32,559

it's more diabolical than that more evil

1564

00:56:36,870 --> 00:56:35,040

than that but i just wanted to throw in

1565

00:56:38,950 --> 00:56:36,880

add a little meat to the bones that you

1566

00:56:41,270 --> 00:56:38,960

just laid out because retracing that

1567

00:56:42,230 --> 00:56:41,280

history of parapsychology is really

1568

00:56:44,309 --> 00:56:42,240

useful

1569

00:56:45,910 --> 00:56:44,319

i remember way back in the day one of

1570

00:56:48,789 --> 00:56:45,920

the things that the parapsychologist

1571

00:56:52,390 --> 00:56:48,799

really pioneered is and dean rayden can

1572

00:56:54,470 --> 00:56:52,400

be credited with with this is a very uh

1573

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

rigorous statistical look at the file

1574

00:56:58,470 --> 00:56:56,480

drawer problem both

1575

00:57:00,950 --> 00:56:58,480

practically and statistically and the

1576

00:57:02,150 --> 00:57:00,960

file drawer problem in case people don't

1577

00:57:03,589 --> 00:57:02,160

know it is

1578

00:57:06,030 --> 00:57:03,599

because people when they want to

1579

00:57:08,870 --> 00:57:06,040

replicate an experiment want a

1580

00:57:11,430 --> 00:57:08,880

replication they can be prone in some

1581

00:57:13,670 --> 00:57:11,440

cases either consciously or not totally

1582

00:57:15,270 --> 00:57:13,680

consciously to take a result that

1583

00:57:18,069 --> 00:57:15,280

doesn't get the result they're looking

1584

00:57:20,230 --> 00:57:18,079

for and put file it away and never

1585

00:57:22,309 --> 00:57:20,240

publish it and that sounds really bad

1586

00:57:23,990 --> 00:57:22,319

but it wouldn't be you know particularly

1587

00:57:26,069 --> 00:57:24,000

parapsychology points this out you know

1588

00:57:27,829 --> 00:57:26,079

if you're doing a zen card hey can you

1589

00:57:29,990 --> 00:57:27,839

tell you know what card i'm holding here

1590

00:57:31,670 --> 00:57:30,000

secretly hey if it just flops you just

1591

00:57:33,270 --> 00:57:31,680

go oh forget it you know just put it

1592

00:57:35,589 --> 00:57:33,280

away so

1593

00:57:37,030 --> 00:57:35,599

he had a really complicated but useful

1594

00:57:39,190 --> 00:57:37,040

way that has been adopted by other

1595

00:57:41,349 --> 00:57:39,200

people to for how to account for the

1596

00:57:43,670 --> 00:57:41,359

file drawer problem another one is the

1597

00:57:46,549 --> 00:57:43,680

experimenter effect when they said hey

1598

00:57:48,150 --> 00:57:46,559

we replicate this experiment as closely

1599

00:57:50,069 --> 00:57:48,160

as we can

1600

00:57:52,069 --> 00:57:50,079

and we get a different result and when

1601

00:57:53,990 --> 00:57:52,079

we really sort it all out the only

1602

00:57:56,309 --> 00:57:54,000

difference we can get is the

1603

00:57:58,950 --> 00:57:56,319

experimenter is it possible that the

1604

00:58:00,789 --> 00:57:58,960

beliefs and values on some level that we

1605

00:58:03,190 --> 00:58:00,799

can't completely measure of the

1606

00:58:06,549 --> 00:58:03,200

experimenter is making a difference

1607

00:58:09,109 --> 00:58:06,559

these guys these parapsychologists act

1608

00:58:11,270 --> 00:58:09,119

actually pioneered this kind of work

1609

00:58:13,190 --> 00:58:11,280

that has made its way into other

1610

00:58:15,589 --> 00:58:13,200

branches of science for people who are

1611

00:58:18,630 --> 00:58:15,599

willing to be truly open-minded and

1612

00:58:19,829 --> 00:58:18,640

truly want to figure out what's going on

1613

00:58:21,109 --> 00:58:19,839

yeah you know i was going to say

1614

00:58:23,109 --> 00:58:21,119

something else but now that you said

1615

00:58:24,950 --> 00:58:23,119

that i'm just going to point one thing

1616

00:58:26,549 --> 00:58:24,960

out because i had to deal with the final

1617

00:58:29,829 --> 00:58:26,559

word problem myself you know if you look

1618

00:58:31,270 --> 00:58:29,839

at my dream journal i have uh right now

1619

00:58:34,069 --> 00:58:31,280

it's not open on my screen right now but

1620

00:58:35,670 --> 00:58:34,079

it's somewhat in excess of 450 uh what i

1621

00:58:37,270 --> 00:58:35,680

would call vertical dreams meaning i've

1622

00:58:39,109 --> 00:58:37,280

checked them out i've investigated them

1623

00:58:41,750 --> 00:58:39,119

i've got i've got some kind of

1624

00:58:43,349 --> 00:58:41,760

validation that these dreams related to

1625

00:58:45,349 --> 00:58:43,359

something i couldn't have had normal

1626

00:58:47,190 --> 00:58:45,359

knowledge of right

1627

00:58:49,990 --> 00:58:47,200

but that number has been relatively

1628

00:58:52,230 --> 00:58:50,000

constant since i stopped actively

1629

00:58:54,950 --> 00:58:52,240

looking for validation so

1630

00:58:57,750 --> 00:58:54,960

uh as of 1991

1631

00:59:00,789 --> 00:58:57,760

that's how many there are and then

1632

00:59:02,309 --> 00:59:00,799

flash forward 20 years and it's maybe

1633

00:59:04,710 --> 00:59:02,319

a couple dozen more because i only

1634

00:59:06,549 --> 00:59:04,720

passively verify them now that is to say

1635

00:59:08,549 --> 00:59:06,559

if something happens and i just can't

1636

00:59:10,630 --> 00:59:08,559

avoid finding out that it's it's uh it's

1637

00:59:12,870 --> 00:59:10,640

valid then i'll write it down but i

1638

00:59:15,670 --> 00:59:12,880

don't actively go out proactively and

1639

00:59:17,910 --> 00:59:15,680

try to find validation so um you could

1640

00:59:21,430 --> 00:59:17,920

look at this as either a proportion of

1641

00:59:23,910 --> 00:59:21,440

450 out of 800 dreams

1642

00:59:26,470 --> 00:59:23,920

which is a very high percentage of

1643

00:59:28,150 --> 00:59:26,480

vertical dreams uh or you could look at

1644

00:59:29,349 --> 00:59:28,160

in the context of you know the entire

1645

00:59:32,309 --> 00:59:29,359

time i've been keeping the journal which

1646

00:59:34,710 --> 00:59:32,319

is 13 300 dreams right much smaller

1647

00:59:36,950 --> 00:59:34,720

percentage but it's a misleading result

1648

00:59:38,789 --> 00:59:36,960

because the fact is i haven't been

1649

00:59:40,390 --> 00:59:38,799

checking all that time right

1650

00:59:42,950 --> 00:59:40,400

so how do i deal with the file drawer

1651
00:59:45,270 --> 00:59:42,960
problem right well i report how many are

1652
00:59:47,430 --> 00:59:45,280
in the journal and when i stop checking

1653
00:59:49,270 --> 00:59:47,440
them and how many have been checked

1654
00:59:51,670 --> 00:59:49,280
within that time period and i ignore the

1655
00:59:53,190 --> 00:59:51,680
ones that are checked afterward

1656
00:59:54,789 --> 00:59:53,200
so i'm able to deal with it but i do

1657
00:59:56,309 --> 00:59:54,799
deal with it i have to think about it

1658
00:59:58,870 --> 00:59:56,319
and i think about it because of what

1659
01:00:00,549 --> 00:59:58,880
you're just mentioning from dean raven

1660
01:00:03,190 --> 01:00:00,559
and i think it's an important issue i

1661
01:00:05,670 --> 01:00:03,200
and this is like these guys who did this

1662
01:00:07,510 --> 01:00:05,680
article on the uh on the mask study

1663
01:00:10,150 --> 01:00:07,520

they're so far from dealing with the the

1664

01:00:11,670 --> 01:00:10,160

uh founder problem it's embarrassing um

1665

01:00:14,150 --> 01:00:11,680

but the other thing you mentioned about

1666

01:00:15,670 --> 01:00:14,160

this being like diabolical i did want to

1667

01:00:16,950 --> 01:00:15,680

talk about that okay

1668

01:00:19,430 --> 01:00:16,960

because

1669

01:00:20,870 --> 01:00:19,440

it's true you you can actually

1670

01:00:23,190 --> 01:00:20,880

be kind of nice in the way you talk

1671

01:00:25,510 --> 01:00:23,200

about uh these various lies that are

1672

01:00:27,670 --> 01:00:25,520

being promulgated on the the people of

1673

01:00:29,349 --> 01:00:27,680

this country in the world actually uh in

1674

01:00:30,710 --> 01:00:29,359

this case the people of bangladesh i

1675

01:00:33,109 --> 01:00:30,720

guess you know maybe there's

1676

01:00:34,390 --> 01:00:33,119

well-meaning people who who have an idea

1677

01:00:36,230 --> 01:00:34,400

and it doesn't work and they just don't

1678

01:00:38,069 --> 01:00:36,240

want to admit it or they're not able to

1679

01:00:39,829 --> 01:00:38,079

to see it but

1680

01:00:41,510 --> 01:00:39,839

when i look at studies like that a

1681

01:00:43,829 --> 01:00:41,520

spontaneous miscarriage study among

1682

01:00:45,910 --> 01:00:43,839

pregnant women from the cdc

1683

01:00:47,589 --> 01:00:45,920

that looks intentional that looks like

1684

01:00:50,390 --> 01:00:47,599

they are promoting something that they

1685

01:00:51,829 --> 01:00:50,400

know will cause miscarriages on purpose

1686

01:00:53,670 --> 01:00:51,839

because to them

1687

01:00:55,349 --> 01:00:53,680

their goal of getting everyone

1688

01:00:57,109 --> 01:00:55,359

vaccinated is more important than the

1689

01:00:59,190 --> 01:00:57,119

health of these people and that is

1690

01:01:00,950 --> 01:00:59,200

diabolical because at that point they

1691

01:01:02,470 --> 01:01:00,960

are doing something that they know is

1692

01:01:04,230 --> 01:01:02,480

going to cause death

1693

01:01:07,030 --> 01:01:04,240

i'm with you well i think you make a

1694

01:01:08,870 --> 01:01:07,040

great point one thing i will say i save

1695

01:01:10,470 --> 01:01:08,880

it for later that's fine but i i think

1696

01:01:13,030 --> 01:01:10,480

it's actually a very important

1697

01:01:15,190 --> 01:01:13,040

distinction between people choosing on

1698

01:01:17,910 --> 01:01:15,200

their own to do something that carries

1699

01:01:20,069 --> 01:01:17,920

risk and people being told they have to

1700

01:01:21,829 --> 01:01:20,079

do something that carries risk

1701

01:01:23,109 --> 01:01:21,839

because it's like if you tell everybody

1702

01:01:25,270 --> 01:01:23,119

in the whole country you have to play

1703

01:01:27,270 --> 01:01:25,280

russian roulette you're guaranteeing a

1704

01:01:28,789 --> 01:01:27,280

certain number of deaths if you leave it

1705

01:01:29,990 --> 01:01:28,799

up to them themselves not all those

1706

01:01:32,309 --> 01:01:30,000

people are going to try it's kind of

1707

01:01:33,670 --> 01:01:32,319

like the coins flip versus coins not

1708

01:01:36,069 --> 01:01:33,680

flipped uh

1709

01:01:39,910 --> 01:01:36,079

issue when you get to the rhine studies

1710

01:01:42,069 --> 01:01:39,920

um i i find this is is a very very

1711

01:01:44,230 --> 01:01:42,079

interesting and very damning point when

1712

01:01:45,670 --> 01:01:44,240

it comes to those mandates

1713

01:01:47,670 --> 01:01:45,680

well that kind of reminds me of a couple

1714

01:01:50,150 --> 01:01:47,680

of points as we wrap this up that i

1715

01:01:51,510 --> 01:01:50,160

wanted to to mention that get buried in

1716

01:01:53,990 --> 01:01:51,520

all this

1717

01:01:56,230 --> 01:01:54,000

one right off the bat when people think

1718

01:01:58,549 --> 01:01:56,240

about masks they've been kind of

1719

01:02:02,470 --> 01:01:58,559

conditioned to get into this debate

1720

01:02:04,309 --> 01:02:02,480

about whether masks work in a laboratory

1721

01:02:06,150 --> 01:02:04,319

in terms of preventing the virus and

1722

01:02:07,670 --> 01:02:06,160

we've all seen the graphic on this

1723

01:02:09,910 --> 01:02:07,680

there's a mask and there's like this

1724

01:02:11,990 --> 01:02:09,920

aerosol spray that's your photographer

1725

01:02:13,750 --> 01:02:12,000

you know how they shoot it and you see

1726

01:02:15,990 --> 01:02:13,760

all this stuff coming towards the mask

1727

01:02:19,589 --> 01:02:16,000

and either gets in or gets out

1728

01:02:21,349 --> 01:02:19,599

i can't speak to the efficacy of those

1729

01:02:24,230 --> 01:02:21,359

studies and i think they're all over the

1730

01:02:25,829 --> 01:02:24,240

board but what i what i do think is it

1731

01:02:29,430 --> 01:02:25,839

kind of misses the point because the

1732

01:02:32,470 --> 01:02:29,440

point is public health policy

1733

01:02:34,950 --> 01:02:32,480

and in particular the point is science

1734

01:02:37,190 --> 01:02:34,960

and scientific confidence and whether

1735

01:02:39,670 --> 01:02:37,200

public health policy should be based on

1736

01:02:41,750 --> 01:02:39,680

science which we all agree it should be

1737

01:02:44,549 --> 01:02:41,760

and to what extent does that science

1738

01:02:46,309 --> 01:02:44,559

have to convince us in order for us to

1739

01:02:49,029 --> 01:02:46,319

give up the rights that we normally

1740

01:02:51,190 --> 01:02:49,039

think are our rights at least in this

1741

01:02:54,069 --> 01:02:51,200

country as americans our default

1742

01:02:55,430 --> 01:02:54,079

position is hey you can't make me do

1743

01:02:57,430 --> 01:02:55,440

what i don't want to do if it isn't

1744

01:02:59,349 --> 01:02:57,440

harming anyone else so if i want a

1745

01:03:02,309 --> 01:02:59,359

mirror mask or not wear a mask it

1746

01:03:03,829 --> 01:03:02,319

doesn't matter it's my choice so the

1747

01:03:06,470 --> 01:03:03,839

question is

1748

01:03:09,829 --> 01:03:06,480

what kind of science what degree of

1749

01:03:11,670 --> 01:03:09,839

certainty would you need in order to

1750

01:03:14,470 --> 01:03:11,680

have something that

1751
01:03:16,390 --> 01:03:14,480
over overrides that you know and that's

1752
01:03:19,510 --> 01:03:16,400
what we're really talking about here so

1753
01:03:21,750 --> 01:03:19,520
that science is not laboratory science

1754
01:03:22,950 --> 01:03:21,760
that you we would quickly get anyone to

1755
01:03:25,029 --> 01:03:22,960
agree that what you'd have to do is go

1756
01:03:26,390 --> 01:03:25,039
out and test it in the public and see if

1757
01:03:28,230 --> 01:03:26,400
what you're what you're trying to

1758
01:03:30,230 --> 01:03:28,240
implement as a public health policy it

1759
01:03:31,670 --> 01:03:30,240
really is effective the other thing that

1760
01:03:33,270 --> 01:03:31,680
i'd point out really quickly because i'm

1761
01:03:36,230 --> 01:03:33,280
kind of going on about this point but i

1762
01:03:38,150 --> 01:03:36,240
keep making it again and again is

1763
01:03:40,230 --> 01:03:38,160

because whenever we've done that we

1764

01:03:42,470 --> 01:03:40,240

always get a null result we always come

1765

01:03:44,470 --> 01:03:42,480

back and say masks don't seem to make a

1766

01:03:46,870 --> 01:03:44,480

difference in the general public

1767

01:03:48,950 --> 01:03:46,880

we've never really seriously considered

1768

01:03:50,549 --> 01:03:48,960

the adverse effects

1769

01:03:52,230 --> 01:03:50,559

because we don't have to because we're

1770

01:03:54,309 --> 01:03:52,240

not forcing people to wear masks we've

1771

01:03:57,510 --> 01:03:54,319

never really seriously considered the

1772

01:03:59,589 --> 01:03:57,520

adverse effects when we do when a couple

1773

01:04:01,349 --> 01:03:59,599

of people have and they say hey there's

1774

01:04:03,510 --> 01:04:01,359

some pretty risky things that we might

1775

01:04:05,430 --> 01:04:03,520

want to look into in terms of mask

1776

01:04:07,510 --> 01:04:05,440

wearing so that's all left out of the

1777

01:04:10,309 --> 01:04:07,520

equation because

1778

01:04:12,390 --> 01:04:10,319

you shouldn't be mandated because mask

1779

01:04:15,029 --> 01:04:12,400

mandates aren't really supported in the

1780

01:04:16,789 --> 01:04:15,039

science after all

1781

01:04:19,829 --> 01:04:16,799

well when i when i see this kind of

1782

01:04:22,069 --> 01:04:19,839

stuff going on and i any time i i see

1783

01:04:23,430 --> 01:04:22,079

something that doesn't really make sense

1784

01:04:26,549 --> 01:04:23,440

to me like this

1785

01:04:28,789 --> 01:04:26,559

my first reaction is usually i need more

1786

01:04:30,549 --> 01:04:28,799

information i'm missing information on

1787

01:04:34,069 --> 01:04:30,559

this and i think this is one of those

1788

01:04:35,670 --> 01:04:34,079

situations because the covid pandemic

1789

01:04:38,549 --> 01:04:35,680

reaction

1790

01:04:39,750 --> 01:04:38,559

based on the idea that kovit is super

1791

01:04:41,750 --> 01:04:39,760

dangerous

1792

01:04:44,470 --> 01:04:41,760

does not match the data we have on the

1793

01:04:46,950 --> 01:04:44,480

actual danger posed by kovit therefore

1794

01:04:49,109 --> 01:04:46,960

it's unsupported the wearing of masks is

1795

01:04:50,789 --> 01:04:49,119

based on that but that's not supported

1796

01:04:52,150 --> 01:04:50,799

properly there and the masks aren't

1797

01:04:53,270 --> 01:04:52,160

supported properly thanks to all the

1798

01:04:54,549 --> 01:04:53,280

studies showing us that they're not

1799

01:04:56,309 --> 01:04:54,559

efficacious

1800

01:04:58,230 --> 01:04:56,319

and so the fact that we're being told to

1801
01:05:00,470 --> 01:04:58,240
do this anyway when the people who are

1802
01:05:02,309 --> 01:05:00,480
asking us to do it have to know that it

1803
01:05:04,630 --> 01:05:02,319
doesn't work okay and we actually know

1804
01:05:06,950 --> 01:05:04,640
that dr anthony fauci is on the record

1805
01:05:08,630 --> 01:05:06,960
saying masks don't work actually several

1806
01:05:11,910 --> 01:05:08,640
other doctors who are promoting the use

1807
01:05:14,309 --> 01:05:11,920
of masks are saying essentially it's a a

1808
01:05:16,069 --> 01:05:14,319
placebo just to make people feel better

1809
01:05:17,829 --> 01:05:16,079
if that's what they're saying then why

1810
01:05:20,069 --> 01:05:17,839
are they attaching legal penalties to

1811
01:05:22,390 --> 01:05:20,079
not wearing masks in australia for

1812
01:05:23,750 --> 01:05:22,400
instance or actually even in new york

1813
01:05:26,630 --> 01:05:23,760

city they're

1814

01:05:28,789 --> 01:05:26,640

not now but uh a number of months ago

1815

01:05:31,270 --> 01:05:28,799

they were actually giving people tickets

1816

01:05:33,190 --> 01:05:31,280

for not wearing masks in certain places

1817

01:05:34,950 --> 01:05:33,200

so that kind of thing bothers me but but

1818

01:05:36,789 --> 01:05:34,960

one thing you mentioned made me think of

1819

01:05:40,230 --> 01:05:36,799

something there's a comic published in

1820

01:05:42,230 --> 01:05:40,240

the 1940s um this it's a donald.comic

1821

01:05:44,390 --> 01:05:42,240

with a story called the golden helmet

1822

01:05:46,950 --> 01:05:44,400

and the idea behind this story is that

1823

01:05:49,109 --> 01:05:46,960

the golden helmet found in labrador

1824

01:05:50,470 --> 01:05:49,119

established the person as the owner of

1825

01:05:51,670 --> 01:05:50,480

all of north america

1826

01:05:53,190 --> 01:05:51,680

okay

1827

01:05:55,190 --> 01:05:53,200

and so

1828

01:05:57,109 --> 01:05:55,200

it goes through a number of different

1829

01:05:57,990 --> 01:05:57,119

people you know donald duck gets it an

1830

01:05:59,589 --> 01:05:58,000

evil

1831

01:06:00,950 --> 01:05:59,599

museum curator gets it all these other

1832

01:06:03,990 --> 01:06:00,960

people get it they all say what they're

1833

01:06:05,910 --> 01:06:04,000

going to do when they own north america

1834

01:06:07,910 --> 01:06:05,920

so the museum curator says i'm going to

1835

01:06:09,589 --> 01:06:07,920

make everybody go to museums every day

1836

01:06:11,829 --> 01:06:09,599

of the week and school is going to be

1837

01:06:15,109 --> 01:06:11,839

all about going to museums okay

1838

01:06:16,630 --> 01:06:15,119

um this evil lawyer says he's going to

1839

01:06:18,470 --> 01:06:16,640

do all these evil things to take

1840

01:06:21,109 --> 01:06:18,480

everybody's money okay

1841

01:06:22,390 --> 01:06:21,119

and then when donald gets it he says i'm

1842

01:06:24,710 --> 01:06:22,400

going to

1843

01:06:27,990 --> 01:06:24,720

charge people for the air they breathe

1844

01:06:29,990 --> 01:06:28,000

okay a sigh can cost a nickel a gasp a

1845

01:06:32,950 --> 01:06:30,000

dime okay

1846

01:06:36,309 --> 01:06:32,960

but the point is that they've got this

1847

01:06:37,910 --> 01:06:36,319

arbitrary designation of power that

1848

01:06:39,990 --> 01:06:37,920

allows them to make everyone in the

1849

01:06:42,870 --> 01:06:40,000

entire country do the same thing to

1850

01:06:45,510 --> 01:06:42,880

their benefit and no matter what it is

1851
01:06:47,109 --> 01:06:45,520
whether it's going to museums or being

1852
01:06:50,390 --> 01:06:47,119
charged for the air you breathe it's

1853
01:06:52,710 --> 01:06:50,400
evil and it's bad and it's unsupportable

1854
01:06:55,109 --> 01:06:52,720
so when i look at this and you ask me so

1855
01:06:57,589 --> 01:06:55,119
at what level do you think it's okay for

1856
01:06:59,029 --> 01:06:57,599
them to take this control over you

1857
01:07:00,549 --> 01:06:59,039
i don't know that there is a level where

1858
01:07:03,829 --> 01:07:00,559
i think that would be okay i mean you

1859
01:07:05,829 --> 01:07:03,839
could have meteors hurtling from the sky

1860
01:07:08,390 --> 01:07:05,839
and the public address system could be

1861
01:07:11,190 --> 01:07:08,400
saying duck and cover okay and i would

1862
01:07:13,270 --> 01:07:11,200
still consider it my right perhaps

1863
01:07:15,910 --> 01:07:13,280

unwisely to stand out in front of a

1864

01:07:18,230 --> 01:07:15,920

meteor okay and not be arrested for it

1865

01:07:20,470 --> 01:07:18,240

okay um i'll give you another example

1866

01:07:23,109 --> 01:07:20,480

you know i i'm vegan right you know i'm

1867

01:07:24,950 --> 01:07:23,119

vegan um would you like it if i said you

1868

01:07:27,349 --> 01:07:24,960

had to be vegan too because i had the

1869

01:07:28,950 --> 01:07:27,359

golden helmet i i don't want that to

1870

01:07:30,710 --> 01:07:28,960

happen why would i want to force you to

1871

01:07:33,190 --> 01:07:30,720

do something you're not comfortable with

1872

01:07:35,109 --> 01:07:33,200

it doesn't make any sense um and that's

1873

01:07:37,029 --> 01:07:35,119

what the government now thinks they've

1874

01:07:38,630 --> 01:07:37,039

got the power to do i think and it's not

1875

01:07:39,990 --> 01:07:38,640

just our country it's like all over the

1876
01:07:42,069 --> 01:07:40,000
world it's crazy

1877
01:07:43,349 --> 01:07:42,079
it's not about science it's about

1878
01:07:45,109 --> 01:07:43,359
compliance

1879
01:07:48,150 --> 01:07:45,119
heard that the other day i think it's a

1880
01:07:50,230 --> 01:07:48,160
great one andy what's coming up for you

1881
01:07:51,829 --> 01:07:50,240
we are i should mention

1882
01:07:53,829 --> 01:07:51,839
we are going to do another show i don't

1883
01:07:55,829 --> 01:07:53,839
want to tell people what it's about but

1884
01:07:57,750 --> 01:07:55,839
it kind of piggybacks on this one

1885
01:08:00,390 --> 01:07:57,760
because it's about

1886
01:08:02,950 --> 01:08:00,400
following the science and where we might

1887
01:08:05,109 --> 01:08:02,960
get if we follow the science and what

1888
01:08:07,349 --> 01:08:05,119

that might get us into in the

1889

01:08:09,430 --> 01:08:07,359

political and parapolitical arena but

1890

01:08:11,029 --> 01:08:09,440

that's all i'm going to say about it but

1891

01:08:13,430 --> 01:08:11,039

what else is going on with you what are

1892

01:08:14,789 --> 01:08:13,440

you working on what's happening

1893

01:08:16,229 --> 01:08:14,799

you know i want to answer that question

1894

01:08:17,669 --> 01:08:16,239

but i hate to tell you i just had an

1895

01:08:18,630 --> 01:08:17,679

idea to say something i want to say it

1896

01:08:20,390 --> 01:08:18,640

okay

1897

01:08:23,590 --> 01:08:20,400

fundamentally

1898

01:08:26,149 --> 01:08:23,600

science is about honesty

1899

01:08:27,110 --> 01:08:26,159

science that is not honest is not

1900

01:08:28,789 --> 01:08:27,120

science

1901

01:08:31,110 --> 01:08:28,799

period okay

1902

01:08:32,870 --> 01:08:31,120

because if you don't record what you're

1903

01:08:34,709 --> 01:08:32,880

doing honestly if you don't state your

1904

01:08:36,309 --> 01:08:34,719

goals honestly if you don't report what

1905

01:08:39,110 --> 01:08:36,319

you did honestly and if you don't

1906

01:08:41,110 --> 01:08:39,120

honestly evaluate what you've got

1907

01:08:43,269 --> 01:08:41,120

you aren't doing science

1908

01:08:45,269 --> 01:08:43,279

thank you

1909

01:08:47,349 --> 01:08:45,279

so you're asking me what i'm doing

1910

01:08:48,950 --> 01:08:47,359

well i have to tell you uh thanks to the

1911

01:08:50,550 --> 01:08:48,960

pandemic all the things i planned on

1912

01:08:52,390 --> 01:08:50,560

doing i'm not doing and i'm doing all

1913

01:08:54,149 --> 01:08:52,400

sorts of other things instead

1914

01:08:55,829 --> 01:08:54,159

so i came here and i wanted to set

1915

01:08:58,309 --> 01:08:55,839

myself up as a commercial photographer

1916

01:08:59,910 --> 01:08:58,319

and i was really looking forward to like

1917

01:09:01,430 --> 01:08:59,920

uh traveling around the country and

1918

01:09:03,749 --> 01:09:01,440

doing portraits of prominent

1919

01:09:04,630 --> 01:09:03,759

parapsychologists maybe even you if you

1920

01:09:06,149 --> 01:09:04,640

uh

1921

01:09:08,550 --> 01:09:06,159

somehow became reachable way with the

1922

01:09:10,229 --> 01:09:08,560

heck over on the east coast and i wanted

1923

01:09:12,229 --> 01:09:10,239

to do portraits of athletes this is all

1924

01:09:14,390 --> 01:09:12,239

the stuff i wanted to do and i was set

1925

01:09:16,550 --> 01:09:14,400

up to do and i actually started doing

1926

01:09:18,229 --> 01:09:16,560

um but then covid hit and all of a

1927

01:09:20,550 --> 01:09:18,239

sudden it was inconvenient to be in the

1928

01:09:22,630 --> 01:09:20,560

presence of other human beings so

1929

01:09:24,950 --> 01:09:22,640

studios were closed i you know i

1930

01:09:26,149 --> 01:09:24,960

couldn't get to models or clients or

1931

01:09:28,870 --> 01:09:26,159

anything so

1932

01:09:30,789 --> 01:09:28,880

one day while i was talking to someone

1933

01:09:32,229 --> 01:09:30,799

about doing a photo shoot

1934

01:09:35,110 --> 01:09:32,239

uh this guy turned out to be the

1935

01:09:37,669 --> 01:09:35,120

publisher of a large online publication

1936

01:09:39,349 --> 01:09:37,679

he said boy you sure sound articulate

1937

01:09:41,590 --> 01:09:39,359

i'll bet you'd be a good writer why

1938

01:09:42,789 --> 01:09:41,600

don't you uh write up some samples for

1939

01:09:44,630 --> 01:09:42,799

me the next thing i knew i'd written

1940

01:09:46,390 --> 01:09:44,640

almost 100 articles for him and got paid

1941

01:09:47,189 --> 01:09:46,400

for it so now i'm officially a writer i

1942

01:09:49,749 --> 01:09:47,199

guess

1943

01:09:52,070 --> 01:09:49,759

um and then i was approached to do a

1944

01:09:53,269 --> 01:09:52,080

couple comic books so i did that so i've

1945

01:09:56,550 --> 01:09:53,279

i've done this

1946

01:09:58,870 --> 01:09:56,560

i um i also did do a few photo shoots

1947

01:10:01,030 --> 01:09:58,880

got paid for those and my accountant is

1948

01:10:02,790 --> 01:10:01,040

very confused he's like andrew what do i

1949

01:10:03,910 --> 01:10:02,800

put down as your profession

1950

01:10:05,830 --> 01:10:03,920

because

1951

01:10:06,950 --> 01:10:05,840

you're doing these different things

1952

01:10:08,870 --> 01:10:06,960

and you're getting money from different

1953

01:10:11,510 --> 01:10:08,880

sources and i just started becoming a

1954

01:10:13,669 --> 01:10:11,520

columnist for red voice media um but

1955

01:10:15,430 --> 01:10:13,679

what i'd really like to be doing quite

1956

01:10:17,270 --> 01:10:15,440

frankly is getting back to my art and

1957

01:10:19,030 --> 01:10:17,280

also i'm doing some research on the

1958

01:10:21,270 --> 01:10:19,040

topic we're going to be dealing with uh

1959

01:10:23,669 --> 01:10:21,280

next uh but that's more of a hobby that

1960

01:10:25,270 --> 01:10:23,679

i'm doing just for my own edification

1961

01:10:27,350 --> 01:10:25,280

and i've also

1962

01:10:29,430 --> 01:10:27,360

been getting quite a quite a few

1963

01:10:31,189 --> 01:10:29,440

contacts related to my dream research

1964

01:10:33,030 --> 01:10:31,199

which kind of surprises me it all

1965

01:10:35,350 --> 01:10:33,040

started about i think two three months

1966

01:10:37,350 --> 01:10:35,360

ago when some i think you recommended

1967

01:10:38,790 --> 01:10:37,360

me to this lady who's an author who

1968

01:10:41,110 --> 01:10:38,800

apparently has written a lot of books

1969

01:10:41,990 --> 01:10:41,120

trish and rob mcgregor have collectively

1970

01:10:43,430 --> 01:10:42,000

written

1971

01:10:47,030 --> 01:10:43,440

100 books

1972

01:10:48,630 --> 01:10:47,040

and rob has uh he wrote all of the

1973

01:10:51,030 --> 01:10:48,640

books for uh

1974

01:10:52,709 --> 01:10:51,040

raiders of the lost ark he didn't write

1975

01:10:53,750 --> 01:10:52,719

the original ones but he wrote a whole

1976

01:10:55,270 --> 01:10:53,760

series

1977

01:10:57,350 --> 01:10:55,280

with uh

1978

01:10:59,189 --> 01:10:57,360

okay

1979

01:11:00,630 --> 01:10:59,199

so i didn't know who they were when i

1980

01:11:02,229 --> 01:11:00,640

did the the interview but apparently

1981

01:11:04,630 --> 01:11:02,239

they're well known enough that i started

1982

01:11:07,110 --> 01:11:04,640

getting a lot more contacts to talk on

1983

01:11:08,870 --> 01:11:07,120

other podcasts and so on and i'm getting

1984

01:11:11,350 --> 01:11:08,880

a lot of encouragement rob and trish i

1985

01:11:12,870 --> 01:11:11,360

just have to interject rob and trish are

1986

01:11:15,590 --> 01:11:12,880

super duper

1987

01:11:17,030 --> 01:11:15,600

well connected and they told me after

1988

01:11:20,070 --> 01:11:17,040

the interview

1989

01:11:22,790 --> 01:11:20,080

that andy might just be the most psychic

1990

01:11:25,510 --> 01:11:22,800

person that they've ever spoken with and

1991

01:11:28,390 --> 01:11:25,520

i think what they meant because trish is

1992

01:11:29,750 --> 01:11:28,400

is kind of tuned into the scientific

1993

01:11:31,750 --> 01:11:29,760

kind of part of this even though that's

1994

01:11:34,790 --> 01:11:31,760

not really her background but they were

1995

01:11:37,110 --> 01:11:34,800

just blown away at the extent to which

1996

01:11:39,430 --> 01:11:37,120

you've documented this carefully and

1997

01:11:41,189 --> 01:11:39,440

meticulously and i just thought that was

1998

01:11:43,830 --> 01:11:41,199

interesting he might be the most psychic

1999

01:11:45,750 --> 01:11:43,840

person i've ever spoken with

2000

01:11:48,709 --> 01:11:45,760

well you know something funny about that

2001

01:11:50,229 --> 01:11:48,719

talking about the the the relative

2002

01:11:51,430 --> 01:11:50,239

percentage uh

2003

01:11:54,149 --> 01:11:51,440

improvement that we were talking about

2004

01:11:57,270 --> 01:11:54,159

with this case study here i oftentimes

2005

01:11:59,669 --> 01:11:57,280

kind of get so um close to my data that

2006

01:12:01,669 --> 01:11:59,679

i forget how unusual it is

2007

01:12:03,430 --> 01:12:01,679

so what will happen is i'll go a few

2008

01:12:04,870 --> 01:12:03,440

days without a dream that's particularly

2009

01:12:07,189 --> 01:12:04,880

interesting and i'll think oh well i

2010

01:12:09,590 --> 01:12:07,199

guess that's gone and then i'll have one

2011

01:12:11,030 --> 01:12:09,600

but by the time i do it's it's been you

2012

01:12:13,510 --> 01:12:11,040

know a couple weeks and so it's like

2013

01:12:15,669 --> 01:12:13,520

well this is unusual now this is rare

2014

01:12:17,030 --> 01:12:15,679

and but then when i look at it from a

2015

01:12:18,550 --> 01:12:17,040

greater distance i'm like well wait a

2016

01:12:20,550 --> 01:12:18,560

minute no i actually had several hundred

2017

01:12:22,310 --> 01:12:20,560

interesting ones that year and when i

2018

01:12:25,030 --> 01:12:22,320

compare that to other people it actually

2019

01:12:29,030 --> 01:12:25,040

is a lot but it's hard to remember that

2020

01:12:31,510 --> 01:12:29,040

sometimes what i see in you dr paquette

2021

01:12:33,110 --> 01:12:31,520

is someone who is constantly switching

2022

01:12:34,630 --> 01:12:33,120

hats like you said your account is

2023

01:12:36,870 --> 01:12:34,640

saying and

2024

01:12:39,030 --> 01:12:36,880

i think you are totally open to

2025

01:12:41,990 --> 01:12:39,040

challenging what that even means what

2026

01:12:44,310 --> 01:12:42,000

consciousness means what precognition

2027

01:12:45,830 --> 01:12:44,320

means we have no clue what that means

2028

01:12:48,310 --> 01:12:45,840

right and that's what i think your

2029

01:12:50,550 --> 01:12:48,320

research points to so the rigor with

2030

01:12:53,750 --> 01:12:50,560

which you've taken on

2031

01:12:56,550 --> 01:12:53,760

the real questions behind that is what i

2032

01:12:58,229 --> 01:12:56,560

think really causes us to rethink what

2033

01:12:59,709 --> 01:12:58,239

that even means because i think there's

2034

01:13:02,709 --> 01:12:59,719

an important

2035

01:13:05,030 --> 01:13:02,719

recalibrating that needs to go on for

2036

01:13:07,990 --> 01:13:05,040

the term psychic and i think that's what

2037

01:13:10,470 --> 01:13:08,000

you're in the process of doing because

2038

01:13:12,950 --> 01:13:10,480

we need data otherwise it's just one

2039

01:13:15,189 --> 01:13:12,960

person's opinion it it you've never been

2040

01:13:17,669 --> 01:13:15,199

the sage on the stage kind of type to

2041

01:13:19,830 --> 01:13:17,679

say do it you've always been like a lot

2042

01:13:21,669 --> 01:13:19,840

like you just talked about like oops

2043

01:13:24,630 --> 01:13:21,679

there it goes again what's happening

2044

01:13:27,030 --> 01:13:24,640

there you know kind of thing

2045

01:13:28,550 --> 01:13:27,040

yeah it's it's kind of funny and i just

2046

01:13:30,390 --> 01:13:28,560

i'm kind of embarrassed that it took so

2047

01:13:31,750 --> 01:13:30,400

long for me to notice because actually i

2048

01:13:33,910 --> 01:13:31,760

had some pretty significant events

2049

01:13:35,510 --> 01:13:33,920

happen before i was paying attention

2050

01:13:37,189 --> 01:13:35,520

and i let them go i'm kind of

2051

01:13:39,669 --> 01:13:37,199

disappointed with myself for having done

2052

01:13:41,750 --> 01:13:39,679

so but anyway as far as

2053

01:13:43,430 --> 01:13:41,760

as that is concerned i have to admit

2054

01:13:45,430 --> 01:13:43,440

that after looking at it and making

2055

01:13:47,590 --> 01:13:45,440

comparisons with other studies i do have

2056

01:13:50,070 --> 01:13:47,600

a lot of examples more than a lot of

2057

01:13:51,270 --> 01:13:50,080

others in fact actually

2058

01:13:53,590 --> 01:13:51,280

although at one time i was very

2059

01:13:56,229 --> 01:13:53,600

impressed with robert monroe's journeys

2060

01:13:58,630 --> 01:13:56,239

out of the body series of books

2061

01:14:00,149 --> 01:13:58,640

i look at them now and i think number

2062

01:14:02,390 --> 01:14:00,159

one i actually have more examples than

2063

01:14:03,669 --> 01:14:02,400

he does in those books and of course who

2064

01:14:05,110 --> 01:14:03,679

knows how many he's got outside the

2065

01:14:07,189 --> 01:14:05,120

books that he didn't i mean i'm sure

2066

01:14:09,510 --> 01:14:07,199

he's got plenty but but the thing is a

2067

01:14:12,630 --> 01:14:09,520

lot of what i read in there comes across

2068

01:14:15,110 --> 01:14:12,640

as conjecture as opposed to data based

2069

01:14:17,910 --> 01:14:15,120

and that bothers me a lot but the other

2070

01:14:19,750 --> 01:14:17,920

thing is i think that uh precognition

2071

01:14:21,750 --> 01:14:19,760

and prophecy and i by the way i do

2072

01:14:23,669 --> 01:14:21,760

define the two differently precognition

2073

01:14:25,590 --> 01:14:23,679

is simply a view of the future and

2074

01:14:29,189 --> 01:14:25,600

prophecy is when you are shown the

2075

01:14:31,510 --> 01:14:29,199

future within the dream okay so it's it

2076

01:14:33,350 --> 01:14:31,520

applies in other agents that's your but

2077

01:14:35,350 --> 01:14:33,360

that's your distinction

2078

01:14:37,830 --> 01:14:35,360

and i don't know that that would hold up

2079

01:14:38,550 --> 01:14:37,840

to analysis maybe it would

2080

01:14:40,630 --> 01:14:38,560

but

2081

01:14:41,669 --> 01:14:40,640

maybe it wouldn't you know i mean what

2082

01:14:44,709 --> 01:14:41,679

is the

2083

01:14:46,149 --> 01:14:44,719

agency and how would we deconstruct that

2084

01:14:48,229 --> 01:14:46,159

and what

2085

01:14:50,390 --> 01:14:48,239

from what perspective are we looking at

2086

01:14:52,790 --> 01:14:50,400

it you know we're looking at it we're

2087

01:14:54,870 --> 01:14:52,800

everything looks like agents maybe from

2088

01:14:56,470 --> 01:14:54,880

another perspective it doesn't look that

2089

01:14:59,110 --> 01:14:56,480

way i don't know

2090

01:15:01,510 --> 01:14:59,120

i keep coming back to this thing that

2091

01:15:02,550 --> 01:15:01,520

the little bit of evidence we have and i

2092

01:15:04,070 --> 01:15:02,560

don't i'm not going to speak

2093

01:15:05,590 --> 01:15:04,080

specifically to your evidence but

2094

01:15:06,709 --> 01:15:05,600

interested in what you think about your

2095

01:15:09,189 --> 01:15:06,719

evidence

2096

01:15:11,910 --> 01:15:09,199

suggests that we are

2097

01:15:13,189 --> 01:15:11,920

definitely disadvantaged in our

2098

01:15:15,510 --> 01:15:13,199

perspective

2099

01:15:16,950 --> 01:15:15,520

right because like people come back

2100

01:15:19,189 --> 01:15:16,960

people like you come back i don't take

2101
01:15:21,110 --> 01:15:19,199
that out scratch that people come back

2102
01:15:22,870 --> 01:15:21,120
from a dear death experience they go i

2103
01:15:24,870 --> 01:15:22,880
knew everything down here i only know

2104
01:15:26,390 --> 01:15:24,880
this tiny little bit people come back

2105
01:15:28,950 --> 01:15:26,400
from an out of body experience they go i

2106
01:15:31,830 --> 01:15:28,960
knew everything now i don't so process

2107
01:15:33,510 --> 01:15:31,840
that not as a story process that as uh

2108
01:15:36,709 --> 01:15:33,520
what is the pattern there the pattern

2109
01:15:39,270 --> 01:15:36,719
says that we are very prone to being

2110
01:15:40,310 --> 01:15:39,280
deceived down here it's just the makeup

2111
01:15:42,630 --> 01:15:40,320
too many things running through the

2112
01:15:45,430 --> 01:15:42,640
brain or whatever the it is but

2113
01:15:48,070 --> 01:15:45,440

that would that would to me be one of

2114

01:15:50,630 --> 01:15:48,080

the guideposts on all that conjecture

2115

01:15:52,950 --> 01:15:50,640

about what prophecy and the distinction

2116

01:15:55,110 --> 01:15:52,960

and spirit it's like first thing we know

2117

01:15:56,550 --> 01:15:55,120

is one if consciousness is fundamental

2118

01:15:58,550 --> 01:15:56,560

all that looks like it doesn't

2119

01:16:00,149 --> 01:15:58,560

matter and then secondly to the extent

2120

01:16:01,430 --> 01:16:00,159

that it does matter we would want to

2121

01:16:03,990 --> 01:16:01,440

figure it out we're in the worst

2122

01:16:05,990 --> 01:16:04,000

possible place to figure that out

2123

01:16:07,669 --> 01:16:06,000

yeah well the way i look at it it's it's

2124

01:16:10,470 --> 01:16:07,679

kind of like you know if you have to

2125

01:16:12,070 --> 01:16:10,480

repair the intercontinental cable that

2126
01:16:12,950 --> 01:16:12,080
you know that goes on the ocean floor

2127
01:16:14,630 --> 01:16:12,960
right

2128
01:16:16,390 --> 01:16:14,640
you have to send divers down there

2129
01:16:18,470 --> 01:16:16,400
without welding torches and they have to

2130
01:16:20,310 --> 01:16:18,480
have these suits on that essentially

2131
01:16:21,669 --> 01:16:20,320
unless you've got radios or whatever

2132
01:16:22,950 --> 01:16:21,679
they can't hear anything and all they

2133
01:16:24,709 --> 01:16:22,960
can see is what's directly in front of

2134
01:16:26,470 --> 01:16:24,719
them and they have they have no

2135
01:16:28,550 --> 01:16:26,480
knowledge of what's outside the water

2136
01:16:30,390 --> 01:16:28,560
basically and they just focus on that

2137
01:16:32,709 --> 01:16:30,400
one task and to me that's what being

2138
01:16:35,350 --> 01:16:32,719

born into a physical existence is like

2139

01:16:37,189 --> 01:16:35,360

so you can't really and but the thing is

2140

01:16:40,070 --> 01:16:37,199

at the same time you're in you're

2141

01:16:41,830 --> 01:16:40,080

capable of doing something important

2142

01:16:43,270 --> 01:16:41,840

even though you're cut off from all

2143

01:16:45,830 --> 01:16:43,280

those other normal sources of

2144

01:16:48,390 --> 01:16:45,840

information so i think that what we do

2145

01:16:50,470 --> 01:16:48,400

here is actually important in some way

2146

01:16:52,870 --> 01:16:50,480

even though we have stripped ourselves

2147

01:16:54,950 --> 01:16:52,880

of other abilities

2148

01:16:56,550 --> 01:16:54,960

but anyway as far as what i'm doing i

2149

01:16:58,070 --> 01:16:56,560

mean i'm actually wanting to get back to

2150

01:16:59,590 --> 01:16:58,080

normal let's just put it that way i want

2151
01:17:01,750 --> 01:16:59,600
to get back to normal i'm writing right

2152
01:17:03,750 --> 01:17:01,760
now i'm drawing comics i want to do

2153
01:17:05,510 --> 01:17:03,760
photos but i want stuff to get back to

2154
01:17:07,510 --> 01:17:05,520
normal i want to go back to not having

2155
01:17:09,030 --> 01:17:07,520
to wonder what my neighbors are going to

2156
01:17:11,189 --> 01:17:09,040
think of wearing masks and not wearing

2157
01:17:12,630 --> 01:17:11,199
masks i want to go back to just being

2158
01:17:14,390 --> 01:17:12,640
able to say hi how are you it's a

2159
01:17:15,430 --> 01:17:14,400
beautiful day and not worry about that

2160
01:17:17,270 --> 01:17:15,440
stuff because this is just really

2161
01:17:19,910 --> 01:17:17,280
distressing

2162
01:17:22,870 --> 01:17:19,920
well andy it's been great having you on

2163
01:17:24,870 --> 01:17:22,880

and uh now i'm even more psyched to do

2164

01:17:27,189 --> 01:17:24,880

this second show that we're gonna do in

2165

01:17:29,910 --> 01:17:27,199

a week or two and and we'll we'll bring

2166

01:17:31,910 --> 01:17:29,920

that to people as well so thanks again

2167

01:17:32,790 --> 01:17:31,920

no problem that was great talking to you

2168

01:17:34,709 --> 01:17:32,800

alex

2169

01:17:37,030 --> 01:17:34,719

thanks again to dr andy paquette for

2170

01:17:38,390 --> 01:17:37,040

joining me today on skeptico i usually

2171

01:17:40,550 --> 01:17:38,400

tee up one question from these

2172

01:17:42,630 --> 01:17:40,560

interviews but today i have to tee up

2173

01:17:46,070 --> 01:17:42,640

three questions in this kind of level

2174

01:17:48,470 --> 01:17:46,080

thing that i do level one question is

2175

01:17:51,510 --> 01:17:48,480

do you think as we claim this study

2176
01:17:52,950 --> 01:17:51,520
shows a null result that's level one

2177
01:17:55,430 --> 01:17:52,960
level two

2178
01:17:57,510 --> 01:17:55,440
is this study big lie propaganda as i

2179
01:17:59,270 --> 01:17:57,520
claimed in this interview and question

2180
01:18:02,950 --> 01:17:59,280
three level three

2181
01:18:04,709 --> 01:18:02,960
who's behind this and are they evil

2182
01:18:07,030 --> 01:18:04,719
let me know your thoughts skeptical

2183
01:18:09,910 --> 01:18:07,040
forum is one place email me however you

2184
01:18:11,960 --> 01:18:09,920
find me until next time take care and