

THE UFO RABBIT HOLE

KELLY CHASE



MICHAEL MASTERS



1
00:00:33,709 --> 00:00:02,149

[Music]

2
00:00:36,290 --> 00:00:33,719

welcome back to the UFO Rabbit Hole

3
00:00:38,810 --> 00:00:36,300

podcast I'm your host Kelly Chase

4
00:00:40,490 --> 00:00:38,820

today we're circling back to an idea

5
00:00:42,889 --> 00:00:40,500

that we visited in one of the earliest

6
00:00:45,650 --> 00:00:42,899

episodes of the podcast the extra

7
00:00:47,090 --> 00:00:45,660

tempestrial model sometimes also

8
00:00:49,850 --> 00:00:47,100

referred to as the future human

9
00:00:52,069 --> 00:00:49,860

hypothesis the extra tempustrial model

10
00:00:54,889 --> 00:00:52,079

is the idea that the UFO phenomenon

11
00:00:56,689 --> 00:00:54,899

might represent Advanced humans and

12
00:00:58,970 --> 00:00:56,699

human descendants who were traveling

13
00:01:01,069 --> 00:00:58,980

here from another point in time

14

00:01:03,590 --> 00:01:01,079

now I'll admit to struggling with this

15

00:01:05,750 --> 00:01:03,600

idea at first time travel has always

16

00:01:08,929 --> 00:01:05,760

seemed a little too clunky and a little

17

00:01:11,030 --> 00:01:08,939

too hokey to be taken seriously but as

18

00:01:13,490 --> 00:01:11,040

so often happens on this trip down the

19

00:01:15,770 --> 00:01:13,500

rabbit hole the more I learned and the

20

00:01:17,929 --> 00:01:15,780

more my perspective began to swell and

21

00:01:20,870 --> 00:01:17,939

shift to accommodate the strange new

22

00:01:23,289 --> 00:01:20,880

realities I was exploring the more what

23

00:01:25,789 --> 00:01:23,299

once seemed like kind of a crazy idea

24

00:01:26,690 --> 00:01:25,799

suddenly started to make a heck of a lot

25

00:01:29,090 --> 00:01:26,700

of sense

26

00:01:31,010 --> 00:01:29,100

and I found that many of my objections

27

00:01:32,990 --> 00:01:31,020

had more to do with the limitations of

28

00:01:35,990 --> 00:01:33,000

my knowledge than the limitations of the

29

00:01:38,030 --> 00:01:36,000

extra tempustrial model itself so I want

30

00:01:40,969 --> 00:01:38,040

to come back around to this idea because

31

00:01:42,590 --> 00:01:40,979

there is a lot to dig into most of which

32

00:01:45,230 --> 00:01:42,600

didn't make it into the initial episode

33

00:01:47,330 --> 00:01:45,240

and there are some new and updated ideas

34

00:01:49,190 --> 00:01:47,340

that I think are really valuable in

35

00:01:52,010 --> 00:01:49,200

understanding the complexities of the

36

00:01:54,289 --> 00:01:52,020

phenomenon and there's no better way to

37

00:01:55,850 --> 00:01:54,299

take a deep dive into this topic than

38

00:01:57,770 --> 00:01:55,860

with one of the people who literally

39

00:02:01,010 --> 00:01:57,780

wrote the book on the Extraterrestrial

40

00:02:03,350 --> 00:02:01,020

model Dr Michael P Masters Michael

41

00:02:05,749 --> 00:02:03,360

Masters is a professor of biological

42

00:02:08,690 --> 00:02:05,759

anthropology at Montana Technological

43

00:02:11,089 --> 00:02:08,700

University Dr Masters work related to

44

00:02:13,690 --> 00:02:11,099

the phenomenon explores the potential

45

00:02:16,309 --> 00:02:13,700

evolutionary trajectories of humankind

46

00:02:18,589 --> 00:02:16,319

linking anthropological Theory to

47

00:02:21,050 --> 00:02:18,599

hypotheses about non-human intelligence

48

00:02:23,570 --> 00:02:21,060

he is the author of several books on the

49

00:02:25,729 --> 00:02:23,580

topic including identified flying

50

00:02:28,610 --> 00:02:25,739

objects a multi-disciplinary scientific

51
00:02:31,430 --> 00:02:28,620
approach to the UFO phenomenon the extra

52
00:02:33,410 --> 00:02:31,440
tempestrial model and his latest a

53
00:02:36,530 --> 00:02:33,420
satirical science fiction novel called

54
00:02:38,990 --> 00:02:36,540
Revelation the future human past

55
00:02:40,309 --> 00:02:39,000
but before we begin there are just a

56
00:02:42,770 --> 00:02:40,319
couple of things that I want to say

57
00:02:45,350 --> 00:02:42,780
about this episode too often when we're

58
00:02:47,030 --> 00:02:45,360
talking about the UFO phenomenon we find

59
00:02:49,430 --> 00:02:47,040
that we're talking about what the craft

60
00:02:51,110 --> 00:02:49,440
are and how they might work while

61
00:02:53,390 --> 00:02:51,120
studiously ignoring some of the biggest

62
00:02:55,490 --> 00:02:53,400
and most profound questions which are

63
00:02:58,250 --> 00:02:55,500

what is the nature of the intelligence

64

00:03:00,949 --> 00:02:58,260

behind the UFO phenomenon who is

65

00:03:02,030 --> 00:03:00,959

actually inside the craft and what do

66

00:03:04,009 --> 00:03:02,040

they want

67

00:03:06,290 --> 00:03:04,019

and that makes sense in a lot of ways

68

00:03:08,210 --> 00:03:06,300

with craft the questions are more

69

00:03:11,030 --> 00:03:08,220

straightforward as are the methodologies

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00:03:12,770 --> 00:03:11,040

for answering them for example you can

71

00:03:14,390 --> 00:03:12,780

verify that a craft is real and

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00:03:17,330 --> 00:03:14,400

determine things about its capabilities

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00:03:18,949 --> 00:03:17,340

and measurable scientific terms if you

74

00:03:21,710 --> 00:03:18,959

can capture it on multiple tracking

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00:03:23,330 --> 00:03:21,720

systems simultaneously or if you were

76

00:03:25,850 --> 00:03:23,340

able to get your hands on an actual

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00:03:27,710 --> 00:03:25,860

craft you could test those materials in

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00:03:29,930 --> 00:03:27,720

a lab and determine what it was made out

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00:03:31,070 --> 00:03:29,940

of and maybe even get Clues as to how it

80

00:03:32,750 --> 00:03:31,080

was made

81

00:03:35,390 --> 00:03:32,760

and with a topic that has been so

82

00:03:36,890 --> 00:03:35,400

heavily stigmatized it's not hard to

83

00:03:39,290 --> 00:03:36,900

understand why people would want to

84

00:03:41,270 --> 00:03:39,300

stick to the hard science to the things

85

00:03:43,670 --> 00:03:41,280

that we would at least hypothetically

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00:03:45,530 --> 00:03:43,680

have the ability to prove in a lab

87

00:03:47,570 --> 00:03:45,540

and there are many who argue that if we

88

00:03:50,149 --> 00:03:47,580

want you follow G to be taken seriously

89

00:03:52,309 --> 00:03:50,159

then the only way forward is to leave

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00:03:55,130 --> 00:03:52,319

behind all the speculation and just

91

00:03:57,530 --> 00:03:55,140

focus on what we can know for sure

92

00:03:59,750 --> 00:03:57,540

as the oft mentioned Carl Sagan quote

93

00:04:01,490 --> 00:03:59,760

goes extraordinary claims require

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00:04:03,350 --> 00:04:01,500

extraordinary evidence

95

00:04:05,149 --> 00:04:03,360

it makes sense then that people would

96

00:04:07,729 --> 00:04:05,159

want to focus on the best and most

97

00:04:09,530 --> 00:04:07,739

empirically provable data points in

98

00:04:12,410 --> 00:04:09,540

order to have the best shot at clearing

99

00:04:13,490 --> 00:04:12,420

that bar and I get that it's a valid

100

00:04:15,649 --> 00:04:13,500

perspective

101
00:04:17,810 --> 00:04:15,659
the problem comes when we decide that

102
00:04:20,150 --> 00:04:17,820
that is the only kind of data that we're

103
00:04:22,730 --> 00:04:20,160
going to be willing to take seriously

104
00:04:24,230 --> 00:04:22,740
this approach ultimately cripples Us in

105
00:04:25,730 --> 00:04:24,240
terms of getting a sense of the full

106
00:04:28,249 --> 00:04:25,740
scope of what we're dealing with here

107
00:04:30,409 --> 00:04:28,259
because virtually all of the biggest

108
00:04:32,990 --> 00:04:30,419
questions about the UFO phenomenon

109
00:04:34,310 --> 00:04:33,000
including who these others are and what

110
00:04:36,950 --> 00:04:34,320
they're doing here and what they want

111
00:04:37,909 --> 00:04:36,960
aren't questions that can be answered in

112
00:04:40,610 --> 00:04:37,919
a lab

113
00:04:42,230 --> 00:04:40,620

as an anthropologist Michael Masters is

114

00:04:44,749 --> 00:04:42,240

trained in exactly the sort of

115

00:04:47,510 --> 00:04:44,759

discipline that we need to ask some of

116

00:04:50,629 --> 00:04:47,520

these bigger questions his tools are

117

00:04:52,249 --> 00:04:50,639

observational not experimental the data

118

00:04:55,370 --> 00:04:52,259

used to assess these kinds of questions

119

00:04:57,530 --> 00:04:55,380

are qualitative not quantitative we're

120

00:04:59,930 --> 00:04:57,540

not talking about facts and figures or

121

00:05:02,510 --> 00:04:59,940

elements on the periodic table we're

122

00:05:04,670 --> 00:05:02,520

talking about experiences and patterns

123

00:05:06,830 --> 00:05:04,680

we're talking about stories and

124

00:05:08,810 --> 00:05:06,840

anecdotes we're talking about the

125

00:05:10,550 --> 00:05:08,820

eyewitness accounts of people who claim

126

00:05:11,810 --> 00:05:10,560

to have actually come in contact with

127

00:05:13,969 --> 00:05:11,820

these beings

128

00:05:16,189 --> 00:05:13,979

and depending on where you are on your

129

00:05:18,230 --> 00:05:16,199

own trip down the rabbit hole those

130

00:05:19,670 --> 00:05:18,240

kinds of conversations might make you a

131

00:05:22,670 --> 00:05:19,680

little bit squeamish or uncomfortable

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00:05:24,350 --> 00:05:22,680

and that's totally normal but if you're

133

00:05:26,270 --> 00:05:24,360

feeling that way I challenge you to

134

00:05:28,550 --> 00:05:26,280

question where that impulse comes from

135

00:05:30,110 --> 00:05:28,560

and not to let it hold you back from

136

00:05:31,249 --> 00:05:30,120

considering new viewpoints and

137

00:05:34,370 --> 00:05:31,259

perspectives

138

00:05:36,409 --> 00:05:34,380

because ultimately we need to recognize

139

00:05:39,050 --> 00:05:36,419

that being willing to entertain the

140

00:05:41,090 --> 00:05:39,060

reality of UFOs only up to the point

141

00:05:43,550 --> 00:05:41,100

that anyone actually interacts with the

142

00:05:45,830 --> 00:05:43,560

intelligence behind them isn't actually

143

00:05:47,930 --> 00:05:45,840

objective no matter how much the

144

00:05:49,370 --> 00:05:47,940

denizens of consensus reality try to

145

00:05:51,710 --> 00:05:49,380

insist that it is

146

00:05:53,450 --> 00:05:51,720

before we begin I'll also mention that

147

00:05:55,490 --> 00:05:53,460

throughout this interview Mike and I

148

00:05:58,249 --> 00:05:55,500

reference the Edgar Mitchell free study

149

00:06:00,230 --> 00:05:58,259

free stands for foundation for Research

150

00:06:02,510 --> 00:06:00,240

into extraterrestrial and extraordinary

151
00:06:04,670 --> 00:06:02,520
experiences and the study that we're

152
00:06:06,409 --> 00:06:04,680
referring to involved the largest survey

153
00:06:08,990 --> 00:06:06,419
of experiences that has been done to

154
00:06:11,090 --> 00:06:09,000
date with over 3 000 participants

155
00:06:13,430 --> 00:06:11,100
from this data they were able to pull

156
00:06:15,650 --> 00:06:13,440
valuable insights as to the types of

157
00:06:17,629 --> 00:06:15,660
experiences that people report the

158
00:06:19,790 --> 00:06:17,639
impact that it has on their lives and

159
00:06:21,770 --> 00:06:19,800
yes details about what these beings

160
00:06:24,590 --> 00:06:21,780
actually look like and what they say to

161
00:06:25,909 --> 00:06:24,600
reported contactees I'll link to that in

162
00:06:27,290 --> 00:06:25,919
the episode brief so that you can

163
00:06:28,370 --> 00:06:27,300

explore that on your own if you're

164

00:06:30,350 --> 00:06:28,380

interested

165

00:06:32,870 --> 00:06:30,360

but I just wanted to clarify that when

166

00:06:34,909 --> 00:06:32,880

you hear me mention say wanted beings

167

00:06:37,129 --> 00:06:34,919

I'm not arguing for the literal

168

00:06:40,070 --> 00:06:37,139

existence of giant intelligent insects

169

00:06:41,029 --> 00:06:40,080

I'm agnostic on that as I am for most of

170

00:06:43,249 --> 00:06:41,039

this stuff

171

00:06:45,170 --> 00:06:43,259

but the fact remains that a certain

172

00:06:48,170 --> 00:06:45,180

percentage of people who report contact

173

00:06:50,330 --> 00:06:48,180

with non-human entities report seeing

174

00:06:52,370 --> 00:06:50,340

something of that nature and that's

175

00:06:55,309 --> 00:06:52,380

significant even if we don't know what

176

00:06:57,469 --> 00:06:55,319

it means and so as we dive into this

177

00:06:59,809 --> 00:06:57,479

episode I'll leave you with another and

178

00:07:01,550 --> 00:06:59,819

I'd argue much more helpful quote from

179

00:07:03,830 --> 00:07:01,560

Carl Sagan

180

00:07:06,950 --> 00:07:03,840

we wish to find the truth no matter

181

00:07:10,070 --> 00:07:06,960

where it lies but Define the truth we

182

00:07:12,469 --> 00:07:10,080

need imagination and skepticism both

183

00:07:13,969 --> 00:07:12,479

we will not be afraid to speculate but

184

00:07:16,309 --> 00:07:13,979

we will be careful to distinguish

185

00:07:18,710 --> 00:07:16,319

speculation from fact

186

00:07:20,330 --> 00:07:18,720

here is my conversation with Dr Michael

187

00:07:22,430 --> 00:07:20,340

Masters

188

00:07:25,070 --> 00:07:22,440

so for anyone listening who might not be

189

00:07:26,809 --> 00:07:25,080

familiar from a high level what is the

190

00:07:28,309 --> 00:07:26,819

Extraterrestrial model and what

191

00:07:30,290 --> 00:07:28,319

advantages does it have over the

192

00:07:32,629 --> 00:07:30,300

Extraterrestrial hypothesis

193

00:07:34,790 --> 00:07:32,639

well that's a great question thanks for

194

00:07:36,650 --> 00:07:34,800

having me on by the way it's nice to be

195

00:07:40,370 --> 00:07:36,660

here to chat with you about such things

196

00:07:42,469 --> 00:07:40,380

the extra tempestra model is really just

197

00:07:45,409 --> 00:07:42,479

a time traveling future humans

198

00:07:48,170 --> 00:07:45,419

explanation for UFO phenomenon which is

199

00:07:49,070 --> 00:07:48,180

an idea that's been around for decades

200

00:07:51,710 --> 00:07:49,080

really

201
00:07:54,350 --> 00:07:51,720
but I thought it needed a name I have

202
00:07:56,870 --> 00:07:54,360
heard it called Chrono knots and UFO

203
00:07:59,270 --> 00:07:56,880
knots and a couple others but I thought

204
00:08:01,430 --> 00:07:59,280
extra tempestra was a good way of sort

205
00:08:03,469 --> 00:08:01,440
of summing it up with one word where the

206
00:08:06,230 --> 00:08:03,479
term extraterrestrial just means off

207
00:08:07,909 --> 00:08:06,240
Earth or outside of Earth and this so

208
00:08:10,129 --> 00:08:07,919
they very well could be here on Earth

209
00:08:12,710 --> 00:08:10,139
just in a future time so we don't see

210
00:08:14,570 --> 00:08:12,720
them at this very moment but they may

211
00:08:16,790 --> 00:08:14,580
inherit the earth and live here just as

212
00:08:19,189 --> 00:08:16,800
we do now but in various times

213
00:08:21,589 --> 00:08:19,199

throughout our future so yeah by

214

00:08:23,869 --> 00:08:21,599

substituting temp for the Latin root for

215

00:08:26,689 --> 00:08:23,879

time it just indicates that they're from

216

00:08:29,390 --> 00:08:26,699

outside our position in time rather than

217

00:08:31,369 --> 00:08:29,400

being outside of our position in space

218

00:08:33,110 --> 00:08:31,379

on this planet but as I've said since

219

00:08:34,490 --> 00:08:33,120

the beginning I don't see this as

220

00:08:36,469 --> 00:08:34,500

mutually exclusive with the

221

00:08:38,089 --> 00:08:36,479

Extraterrestrial hypothesis or any

222

00:08:39,290 --> 00:08:38,099

others in fact I've come to believe

223

00:08:41,269 --> 00:08:39,300

recently

224

00:08:42,949 --> 00:08:41,279

that but you know we may be talking

225

00:08:45,290 --> 00:08:42,959

about the exact same thing as with

226

00:08:50,329 --> 00:08:45,300

crypto terrestrials Ultra terrestrials

227

00:08:52,910 --> 00:08:50,339

gin Genies fairies Angels Gods demons

228

00:08:55,430 --> 00:08:52,920

all of it I think really may just be

229

00:08:57,650 --> 00:08:55,440

some iteration of humans and when we

230

00:08:59,930 --> 00:08:57,660

interject time like I read Mac Tony's

231

00:09:02,030 --> 00:08:59,940

book recently the crypto terrestrials

232

00:09:04,130 --> 00:09:02,040

can't fight it on my bookshelf of course

233

00:09:06,230 --> 00:09:04,140

but you know I'm reading it and it's the

234

00:09:07,850 --> 00:09:06,240

exact same thing I'm arguing and we even

235

00:09:09,829 --> 00:09:07,860

have a similar writing style which kind

236

00:09:11,449 --> 00:09:09,839

of freaks me out at first but if you

237

00:09:13,670 --> 00:09:11,459

want to reject that element of time that

238

00:09:15,889 --> 00:09:13,680

fourth dimension we're saying the same

239

00:09:18,290 --> 00:09:15,899

thing you know so I think maybe if we

240

00:09:20,570 --> 00:09:18,300

step back and look at the Phenomenon

241

00:09:22,670 --> 00:09:20,580

with that perception of being able to

242

00:09:24,470 --> 00:09:22,680

move through the fourth dimension of

243

00:09:26,810 --> 00:09:24,480

time or possibly a higher Dimension that

244

00:09:28,430 --> 00:09:26,820

allows them to sort of dip in and out of

245

00:09:31,430 --> 00:09:28,440

whatever time they wish throughout their

246

00:09:33,350 --> 00:09:31,440

own past then it may help explain a lot

247

00:09:34,610 --> 00:09:33,360

of these different interpretations that

248

00:09:36,889 --> 00:09:34,620

are potentially all the same thing

249

00:09:39,310 --> 00:09:36,899

that's really interesting and it sounds

250

00:09:41,630 --> 00:09:39,320

like even with the interdimensional

251
00:09:43,430 --> 00:09:41,640
hypothesis that you know people make

252
00:09:44,990 --> 00:09:43,440
that distinction between the

253
00:09:46,850 --> 00:09:45,000
Extraterrestrial model and the

254
00:09:49,550 --> 00:09:46,860
inter-dimensional stuff but that even

255
00:09:51,470 --> 00:09:49,560
might be permutations of the same thing

256
00:09:53,449 --> 00:09:51,480
as well is that how you're beginning to

257
00:09:54,710 --> 00:09:53,459
think about it oh well the answer to

258
00:09:56,449 --> 00:09:54,720
mentioned I was always I've always

259
00:09:58,730 --> 00:09:56,459
considered that the same as this extra

260
00:10:01,250 --> 00:09:58,740
tempestral model it's just a more

261
00:10:02,210 --> 00:10:01,260
General category so people interject

262
00:10:04,250 --> 00:10:02,220
that they say oh they're

263
00:10:06,949 --> 00:10:04,260

interdimensional that doesn't answer the

264

00:10:08,030 --> 00:10:06,959

question it doesn't say who they are it

265

00:10:10,430 --> 00:10:08,040

just means they're coming through

266

00:10:12,650 --> 00:10:10,440

multiple dimensions of space and or time

267

00:10:14,210 --> 00:10:12,660

so then you have to ask well what do you

268

00:10:17,930 --> 00:10:14,220

mean by that you know are you talking

269

00:10:19,370 --> 00:10:17,940

about still individuals from off our

270

00:10:20,930 --> 00:10:19,380

planet with a separate evolutionary

271

00:10:22,370 --> 00:10:20,940

history on a different plan and a

272

00:10:24,710 --> 00:10:22,380

different solar system who are using

273

00:10:26,449 --> 00:10:24,720

different dimensions to get here or are

274

00:10:28,430 --> 00:10:26,459

we talking about future humans using

275

00:10:30,889 --> 00:10:28,440

extra Dimensions to visit their past or

276
00:10:32,690 --> 00:10:30,899
something completely outside of that you

277
00:10:35,329 --> 00:10:32,700
do have to ask though if they originate

278
00:10:37,190 --> 00:10:35,339
in a different dimension or a space with

279
00:10:39,710 --> 00:10:37,200
higher Dimensions or multiple dimensions

280
00:10:41,690 --> 00:10:39,720
of time would they look like us still

281
00:10:44,150 --> 00:10:41,700
would they be so recognizable as humans

282
00:10:46,430 --> 00:10:44,160
would their physics even work in our

283
00:10:48,590 --> 00:10:46,440
four dimensions three space one of time

284
00:10:50,449 --> 00:10:48,600
so I think there are some limitations to

285
00:10:52,069 --> 00:10:50,459
just interjecting that and it still

286
00:10:54,650 --> 00:10:52,079
doesn't answer the question you need to

287
00:10:56,389 --> 00:10:54,660
say well what are they then even if they

288
00:10:58,490 --> 00:10:56,399

are using extra Dimension so yeah I've

289

00:11:00,290 --> 00:10:58,500

always considered that the same thing

290

00:11:02,750 --> 00:11:00,300

this extra Tempest your model just a

291

00:11:04,730 --> 00:11:02,760

more specific version of that that

292

00:11:06,590 --> 00:11:04,740

indicates that their Origins are still

293

00:11:08,810 --> 00:11:06,600

Earthly and within these three

294

00:11:11,090 --> 00:11:08,820

dimensions of space just using extra

295

00:11:12,949 --> 00:11:11,100

dimensions of time or possibly some

296

00:11:14,329 --> 00:11:12,959

fifth dimension of space time that we

297

00:11:16,910 --> 00:11:14,339

don't understand but currently there's

298

00:11:19,250 --> 00:11:16,920

no evidence to suggest there there are

299

00:11:21,410 --> 00:11:19,260

multiple universes or any anything like

300

00:11:24,829 --> 00:11:21,420

that theoretically there are extra

301
00:11:26,930 --> 00:11:24,839
Dimensions beyond our four but they're

302
00:11:28,730 --> 00:11:26,940
still not abroad consensus on that or

303
00:11:31,250 --> 00:11:28,740
whether or not we could ever find them

304
00:11:34,190 --> 00:11:31,260
and study them if they do exist

305
00:11:36,590 --> 00:11:34,200
so what are the biological and social

306
00:11:38,030 --> 00:11:36,600
trends in the evolution of humans that

307
00:11:40,610 --> 00:11:38,040
lead you to believe that the beings

308
00:11:42,290 --> 00:11:40,620
being reported by many contactees might

309
00:11:44,449 --> 00:11:42,300
actually be us from another point in

310
00:11:46,670 --> 00:11:44,459
time I'm glad you added social to that

311
00:11:49,610 --> 00:11:46,680
too because you know we can't separate

312
00:11:51,889 --> 00:11:49,620
the tomb in human evolution we're unique

313
00:11:53,930 --> 00:11:51,899

in that respect and if you look at the

314

00:11:57,470 --> 00:11:53,940

history of humanity we refer to it as

315

00:11:59,269 --> 00:11:57,480

biocultural Evolution biosocial because

316

00:12:01,009 --> 00:11:59,279

the two are inseparable once we

317

00:12:04,190 --> 00:12:01,019

developed culture once we started use

318

00:12:07,310 --> 00:12:04,200

stone tools and fire and all kinds of

319

00:12:10,250 --> 00:12:07,320

various iterations of stone and wood and

320

00:12:12,710 --> 00:12:10,260

ivory really it had such a massive

321

00:12:14,569 --> 00:12:12,720

impact on our physiology that we can't

322

00:12:16,610 --> 00:12:14,579

look at human evolution without that

323

00:12:19,009 --> 00:12:16,620

like we can study the biology of other

324

00:12:21,110 --> 00:12:19,019

organisms we don't have to focus on

325

00:12:22,790 --> 00:12:21,120

culture because it wasn't fundamental to

326

00:12:25,190 --> 00:12:22,800

their evolutionary trajectory but with

327

00:12:27,949 --> 00:12:25,200

humans it was a good example is when we

328

00:12:30,410 --> 00:12:27,959

first started using fire to cook food at

329

00:12:32,449 --> 00:12:30,420

shrunk our gastrointestinal system that

330

00:12:35,530 --> 00:12:32,459

in conjunction with using tools to

331

00:12:37,790 --> 00:12:35,540

process the food especially fibrous meat

332

00:12:39,350 --> 00:12:37,800

products fire kind of starts the

333

00:12:41,630 --> 00:12:39,360

digestive process or whole

334

00:12:43,730 --> 00:12:41,640

gastrointestinal system shrunk it helped

335

00:12:46,190 --> 00:12:43,740

contribute more energy to the brain

336

00:12:48,889 --> 00:12:46,200

Leslie Aiello's expensive tissue

337

00:12:50,750 --> 00:12:48,899

hypothesis so really the two are

338

00:12:53,509 --> 00:12:50,760

intricately linked but even before

339

00:12:55,490 --> 00:12:53,519

culture some of the most dominant Trends

340

00:12:58,009 --> 00:12:55,500

the first iterations of culture some

341

00:13:00,110 --> 00:12:58,019

debate about that was between 3 and 3.3

342

00:13:02,389 --> 00:13:00,120

million years ago is when we find the

343

00:13:04,250 --> 00:13:02,399

first evidence of stone tools but prior

344

00:13:07,670 --> 00:13:04,260

to that we still had three million years

345

00:13:10,250 --> 00:13:07,680

of evolving Sans culture prior to

346

00:13:12,590 --> 00:13:10,260

culture and the two most dominant Trends

347

00:13:14,569 --> 00:13:12,600

not just in that pre-culture period but

348

00:13:17,210 --> 00:13:14,579

throughout the last six to eight million

349

00:13:19,009 --> 00:13:17,220

years of human evolution have been an

350

00:13:21,590 --> 00:13:19,019

increase in brain size it's roughly

351

00:13:24,290 --> 00:13:21,600

three times the size it was in our

352

00:13:26,810 --> 00:13:24,300

earliest dominant ancestors and modern

353

00:13:29,750 --> 00:13:26,820

chimpanzees around 400 cubic centimeters

354

00:13:32,030 --> 00:13:29,760

and as the brain grew and moved out

355

00:13:34,370 --> 00:13:32,040

interiorly more forward over our eye

356

00:13:36,949 --> 00:13:34,380

orbits and also expanded media laterally

357

00:13:39,290 --> 00:13:36,959

especially in the parietal lobes for the

358

00:13:41,210 --> 00:13:39,300

top and back part of the skull

359

00:13:43,610 --> 00:13:41,220

in conjunction with that we had a face

360

00:13:46,370 --> 00:13:43,620

that retracted it got smaller and

361

00:13:48,710 --> 00:13:46,380

retracted again partly because of tools

362

00:13:51,350 --> 00:13:48,720

probably because of fire and stone tools

363

00:13:54,470 --> 00:13:51,360

where we relieved pressure for large

364

00:13:56,389 --> 00:13:54,480

teeth masticatory muscles large chewing

365

00:13:58,129 --> 00:13:56,399

apparatus so the face could get out of

366

00:13:59,569 --> 00:13:58,139

the way of an expanding brain and that's

367

00:14:01,970 --> 00:13:59,579

exactly what happened so we have this

368

00:14:04,670 --> 00:14:01,980

trade-off between our brains and our

369

00:14:06,590 --> 00:14:04,680

faces and so this is kind of the main

370

00:14:09,350 --> 00:14:06,600

way I approached it for my first book

371

00:14:11,990 --> 00:14:09,360

identified flying objects where if those

372

00:14:14,509 --> 00:14:12,000

same Trends continue regardless of what

373

00:14:16,610 --> 00:14:14,519

sort of continued social pressures or

374

00:14:18,610 --> 00:14:16,620

political or economic or environmental

375

00:14:21,350 --> 00:14:18,620

pressures occur this same

376

00:14:23,030 --> 00:14:21,360

fundamental change in human evolution

377

00:14:25,250 --> 00:14:23,040

that's occurred for six to eight million

378

00:14:26,990 --> 00:14:25,260

years if it continues we're very likely

379

00:14:28,790 --> 00:14:27,000

to possess the same cranial facial

380

00:14:30,530 --> 00:14:28,800

architectures is quintessential gray

381

00:14:31,430 --> 00:14:30,540

alien so that was kind of the starting

382

00:14:34,129 --> 00:14:31,440

point

383

00:14:36,889 --> 00:14:34,139

for that theory I realized after

384

00:14:39,769 --> 00:14:36,899

publishing that book that there's a huge

385

00:14:41,569 --> 00:14:39,779

number of cases where it's people just

386

00:14:43,490 --> 00:14:41,579

like us it's modern humans and I

387

00:14:45,590 --> 00:14:43,500

reference the doctor Edgar Mitchell free

388

00:14:48,949 --> 00:14:45,600

study relatively often because it's the

389

00:14:51,350 --> 00:14:48,959

only large survey based study that gives

390

00:14:53,410 --> 00:14:51,360

us some results that are quite

391

00:14:56,090 --> 00:14:53,420

informative it's a multi-language

392

00:14:57,769 --> 00:14:56,100

Multicultural survey study and obviously

393

00:15:00,170 --> 00:14:57,779

there's issues with surveys that we

394

00:15:02,150 --> 00:15:00,180

could get into but but something like

395

00:15:04,189 --> 00:15:02,160

this that argued arguably the best we

396

00:15:06,650 --> 00:15:04,199

can do right now until we can set up

397

00:15:08,990 --> 00:15:06,660

cameras in every abductee's bedroom and

398

00:15:11,030 --> 00:15:09,000

really study the physiological form of

399

00:15:12,590 --> 00:15:11,040

these beings during an abduction

400

00:15:15,290 --> 00:15:12,600

but what they found is that the most

401
00:15:17,990 --> 00:15:15,300
commonly reported form is human just

402
00:15:20,210 --> 00:15:18,000
like us an actual anatomically modern

403
00:15:22,430 --> 00:15:20,220
homo sapien sapien and then after that

404
00:15:25,250 --> 00:15:22,440
was a short graze tall Grays and then

405
00:15:28,430 --> 00:15:25,260
hybrid some iteration of those in

406
00:15:29,810 --> 00:15:28,440
combination and as I often point out all

407
00:15:32,329 --> 00:15:29,820
four of those

408
00:15:33,769 --> 00:15:32,339
are by definition hominin they are

409
00:15:37,009 --> 00:15:33,779
within our lineage they're upright

410
00:15:38,930 --> 00:15:37,019
walking bipedal hominin so I think

411
00:15:41,569 --> 00:15:38,940
that's important to note that and also

412
00:15:43,370 --> 00:15:41,579
just how many really are us they look

413
00:15:45,410 --> 00:15:43,380

like us talking about the social and

414

00:15:47,329 --> 00:15:45,420

cultural things when abduct views are

415

00:15:50,030 --> 00:15:47,339

given tours of The Craft they have

416

00:15:53,090 --> 00:15:50,040

kitchens and bathrooms bedrooms and

417

00:15:54,650 --> 00:15:53,100

control rooms and medical examination

418

00:15:57,290 --> 00:15:54,660

rooms all the same things you'd expect

419

00:15:59,629 --> 00:15:57,300

us to have in a craft like that is

420

00:16:01,009 --> 00:15:59,639

modern human so I think yeah I think

421

00:16:02,930 --> 00:16:01,019

there's a lot of things that indicate

422

00:16:05,269 --> 00:16:02,940

that they are us and especially the ones

423

00:16:07,610 --> 00:16:05,279

that low can act just like us that was a

424

00:16:09,110 --> 00:16:07,620

part of my second book was to walk that

425

00:16:10,850 --> 00:16:09,120

back you know I was just talking about

426

00:16:13,009 --> 00:16:10,860

the Grays primarily

427

00:16:15,710 --> 00:16:13,019

in the first book but to walk that back

428

00:16:17,689 --> 00:16:15,720

and cover a broad geographic area

429

00:16:20,449 --> 00:16:17,699

there's five continents over 90 plus

430

00:16:22,069 --> 00:16:20,459

years of contact the experiences and

431

00:16:24,470 --> 00:16:22,079

what do people see you know yes there

432

00:16:27,350 --> 00:16:24,480

are archetypal Grays but also people

433

00:16:28,850 --> 00:16:27,360

just like us who are seen exercising

434

00:16:30,829 --> 00:16:28,860

outside their ships and collecting

435

00:16:33,829 --> 00:16:30,839

Grasshoppers and really mundane things

436

00:16:35,629 --> 00:16:33,839

like that that is really interesting in

437

00:16:38,269 --> 00:16:35,639

your second book the extra tempestrial

438

00:16:40,430 --> 00:16:38,279

model you talk about what we can learn

439

00:16:41,930 --> 00:16:40,440

from early interactions between old

440

00:16:44,269 --> 00:16:41,940

world and New World indigenous

441

00:16:46,850 --> 00:16:44,279

populations that came into contact with

442

00:16:48,290 --> 00:16:46,860

each other and how we might respond to

443

00:16:50,810 --> 00:16:48,300

encountering a more technologically

444

00:16:52,009 --> 00:16:50,820

advanced version of ourselves and I was

445

00:16:53,389 --> 00:16:52,019

wondering if you could talk about that a

446

00:16:56,030 --> 00:16:53,399

little because even in this situation

447

00:16:58,009 --> 00:16:56,040

where people are seeing a being that

448

00:17:00,470 --> 00:16:58,019

they identify as looking just like us

449

00:17:02,569 --> 00:17:00,480

and yet as a result of Technology we

450

00:17:05,689 --> 00:17:02,579

kind of place them in the role of the

451
00:17:08,270 --> 00:17:05,699
other yeah no gods angels that was the

452
00:17:10,370 --> 00:17:08,280
focus of this most recent book too that

453
00:17:12,409 --> 00:17:10,380
you know the interpretation of these

454
00:17:13,669 --> 00:17:12,419
beings these humans as I would argue is

455
00:17:15,169 --> 00:17:13,679
going to be different even if it's the

456
00:17:17,150 --> 00:17:15,179
same ones let's say it's the exact same

457
00:17:19,069 --> 00:17:17,160
ones as a little thought experiment

458
00:17:20,510 --> 00:17:19,079
who happened a ship from right now you

459
00:17:22,189 --> 00:17:20,520
know where are the aliens we're the ones

460
00:17:25,610 --> 00:17:22,199
traveling back in time

461
00:17:28,669 --> 00:17:25,620
you go back 10 minutes you're gonna look

462
00:17:31,730 --> 00:17:28,679
like everybody else 20 years

463
00:17:33,590 --> 00:17:31,740

50 years 100 years but once you do start

464

00:17:35,630 --> 00:17:33,600

getting into the thousands yeah

465

00:17:37,789 --> 00:17:35,640

especially when you focus on the culture

466

00:17:41,029 --> 00:17:37,799

and Technology of those times it's going

467

00:17:42,650 --> 00:17:41,039

to be Godlike that's magical to them and

468

00:17:44,810 --> 00:17:42,660

even ones that could walk around you put

469

00:17:46,730 --> 00:17:44,820

on the clothes of those people you know

470

00:17:48,110 --> 00:17:46,740

we haven't evolved this capacity yet at

471

00:17:50,710 --> 00:17:48,120

least most of us haven't some

472

00:17:53,770 --> 00:17:50,720

individuals have but the ability for

473

00:17:56,630 --> 00:17:53,780

telepathic communication remote viewing

474

00:17:58,610 --> 00:17:56,640

Clairvoyance future knowledge seemingly

475

00:18:00,470 --> 00:17:58,620

a lot of these beings even ones who

476

00:18:02,450 --> 00:18:00,480

aren't quite to the gray level have that

477

00:18:04,909 --> 00:18:02,460

capacity and if we did that if we had

478

00:18:06,830 --> 00:18:04,919

that now and we can go back and interact

479

00:18:08,690 --> 00:18:06,840

with the minds of these individuals

480

00:18:11,090 --> 00:18:08,700

without talking that's a very Angelic

481

00:18:13,250 --> 00:18:11,100

god-like thing to do and they need to

482

00:18:15,710 --> 00:18:13,260

start technology alone would give us

483

00:18:18,950 --> 00:18:15,720

status there's that cliché example of

484

00:18:21,590 --> 00:18:18,960

the white Europeans coming across and

485

00:18:23,570 --> 00:18:21,600

taking over the Aztecs the Mayan the

486

00:18:25,549 --> 00:18:23,580

Olmec all these different civilizations

487

00:18:27,350 --> 00:18:25,559

I guess the Olmec became the Aztecs but

488

00:18:28,789 --> 00:18:27,360

they were largely able to do that

489

00:18:30,529 --> 00:18:28,799

because of how they were perceived and

490

00:18:32,270 --> 00:18:30,539

then this hierarchical structure of

491

00:18:34,250 --> 00:18:32,280

their civilizations where you take out

492

00:18:36,110 --> 00:18:34,260

the individual at the top and plant

493

00:18:39,409 --> 00:18:36,120

yourself in that lead position and now

494

00:18:40,909 --> 00:18:39,419

you control the population save for some

495

00:18:42,950 --> 00:18:40,919

of those that aren't as accepting of

496

00:18:44,270 --> 00:18:42,960

your new position of power over them but

497

00:18:46,010 --> 00:18:44,280

they could do that because of the

498

00:18:48,529 --> 00:18:46,020

technological differences fortunately

499

00:18:51,169 --> 00:18:48,539

these don't seem to be doing that

500

00:18:54,110 --> 00:18:51,179

they're not taking over past groups and

501
00:18:56,090 --> 00:18:54,120
when slaving us and making us build

502
00:18:58,610 --> 00:18:56,100
things and toil in the fields but they

503
00:19:01,250 --> 00:18:58,620
could if they wanted regardless we still

504
00:19:04,070 --> 00:19:01,260
see them as Godlike there's been a lot

505
00:19:06,169 --> 00:19:04,080
of even recent UFO Cults UFO religions

506
00:19:09,590 --> 00:19:06,179
and yeah you take it back even further

507
00:19:11,510 --> 00:19:09,600
with continuing the r technology example

508
00:19:13,789 --> 00:19:11,520
that I sort of tangentially straight

509
00:19:15,230 --> 00:19:13,799
away from there sorry about that we're

510
00:19:17,330 --> 00:19:15,240
going to be perceived differently in

511
00:19:19,730 --> 00:19:17,340
each of these previous iterations of

512
00:19:20,810 --> 00:19:19,740
human existence and you go back Twenty

513
00:19:22,250 --> 00:19:20,820

Thousand Years thirty thousand years

514

00:19:24,890 --> 00:19:22,260

forty thousand years now it's

515

00:19:26,570 --> 00:19:24,900

unfathomable what we're doing who we are

516

00:19:28,789 --> 00:19:26,580

when we're seeing coming down from the

517

00:19:31,070 --> 00:19:28,799

sky in each of these situations because

518

00:19:33,049 --> 00:19:31,080

the craft fly so you can understand

519

00:19:35,510 --> 00:19:33,059

where the Extraterrestrial hypothesis

520

00:19:37,610 --> 00:19:35,520

came from you associate these craft with

521

00:19:39,110 --> 00:19:37,620

the Stars they're star people as they're

522

00:19:41,930 --> 00:19:39,120

known in a lot of Native American

523

00:19:44,810 --> 00:19:41,940

societies even things like the wheel

524

00:19:47,330 --> 00:19:44,820

within the wheel the burning embers and

525

00:19:49,610 --> 00:19:47,340

Ezekiel story there's so many accounts

526

00:19:52,250 --> 00:19:49,620

like that and if we step back and look

527

00:19:54,950 --> 00:19:52,260

at those I talked about Baba Moana where

528

00:19:57,710 --> 00:19:54,960

ASA in my second book The Rain goddess

529

00:19:59,450 --> 00:19:57,720

is this traditional Tale in East Africa

530

00:20:01,250 --> 00:19:59,460

and you see those all over the place

531

00:20:04,310 --> 00:20:01,260

because of people have been interacting

532

00:20:06,049 --> 00:20:04,320

these god-like beams they're gonna write

533

00:20:08,330 --> 00:20:06,059

that down they're gonna store that in

534

00:20:10,669 --> 00:20:08,340

oral tradition or if they have writing

535

00:20:12,830 --> 00:20:10,679

hieroglyphs written history but even

536

00:20:14,330 --> 00:20:12,840

through song and oral tradition you can

537

00:20:16,130 --> 00:20:14,340

pass things down for thousands and

538

00:20:18,169 --> 00:20:16,140

thousands of years and I think if we

539

00:20:20,450 --> 00:20:18,179

look at at these and take them seriously

540

00:20:22,250 --> 00:20:20,460

and see these patterns across them I

541

00:20:25,310 --> 00:20:22,260

think it'll reveal that the phenomenon

542

00:20:27,169 --> 00:20:25,320

has been with us for eons just like so

543

00:20:29,210 --> 00:20:27,179

many have said before Jacques valet and

544

00:20:31,190 --> 00:20:29,220

countless others and yeah what if it's

545

00:20:32,870 --> 00:20:31,200

the same thing just observed and

546

00:20:35,630 --> 00:20:32,880

interpreted by different societies

547

00:20:38,210 --> 00:20:35,640

because they are in this stage of

548

00:20:39,409 --> 00:20:38,220

evolution that predates their ability to

549

00:20:41,210 --> 00:20:39,419

comprehend that we're still there

550

00:20:43,909 --> 00:20:41,220

apparently we still haven't quite

551
00:20:45,350 --> 00:20:43,919
cracked the code as a species yet but I

552
00:20:46,850 --> 00:20:45,360
think we're close and honestly I think

553
00:20:48,470 --> 00:20:46,860
that has a lot to do with what we're

554
00:20:49,909 --> 00:20:48,480
seeing now with the current disclosure

555
00:20:51,590 --> 00:20:49,919
movement

556
00:20:54,169 --> 00:20:51,600
it's really interesting and you think

557
00:20:57,409 --> 00:20:54,179
about even now on our planet the kind of

558
00:20:59,390 --> 00:20:57,419
spread that we have technologically like

559
00:21:01,970 --> 00:20:59,400
there's undiscovered tribes in the

560
00:21:03,529 --> 00:21:01,980
rainforest and on islands that are

561
00:21:06,409 --> 00:21:03,539
living at kind of a stone age level

562
00:21:09,710 --> 00:21:06,419
while we're taking people to the moon so

563
00:21:11,270 --> 00:21:09,720

yeah I have to wonder to see how those

564

00:21:13,130 --> 00:21:11,280

interactions go you know there seems to

565

00:21:13,970 --> 00:21:13,140

be a pretty large spread even in what we

566

00:21:15,830 --> 00:21:13,980

know about

567

00:21:17,330 --> 00:21:15,840

yeah and I think that's I had never

568

00:21:18,890 --> 00:21:17,340

thought about that before but that's a

569

00:21:21,470 --> 00:21:18,900

great analogy for likely what we're

570

00:21:23,270 --> 00:21:21,480

seeing going back through time where you

571

00:21:25,610 --> 00:21:23,280

know we have this snapshot in time now

572

00:21:27,529 --> 00:21:25,620

we like to think of everyone across the

573

00:21:29,990 --> 00:21:27,539

world as flying in airplanes and driving

574

00:21:32,350 --> 00:21:30,000

fast cars but that's not the case but we

575

00:21:34,490 --> 00:21:32,360

have quite a huge spread of cultural

576

00:21:36,830 --> 00:21:34,500

technological advancement we don't make

577

00:21:38,630 --> 00:21:36,840

distinctions an anthropological circles

578

00:21:40,130 --> 00:21:38,640

anymore about first world second world

579

00:21:41,990 --> 00:21:40,140

third world because it implies some sort

580

00:21:44,210 --> 00:21:42,000

of ranking system but there's

581

00:21:46,250 --> 00:21:44,220

undoubtedly a vast amount of cultural

582

00:21:48,529 --> 00:21:46,260

variation that's in fact one of the ways

583

00:21:50,810 --> 00:21:48,539

we know that our biology doesn't dictate

584

00:21:52,970 --> 00:21:50,820

our culture is that biology changes very

585

00:21:55,430 --> 00:21:52,980

slowly subject to the laws of natural

586

00:21:57,950 --> 00:21:55,440

selection and culture changes almost

587

00:21:59,810 --> 00:21:57,960

instantly anymore you know somebody does

588

00:22:02,270 --> 00:21:59,820

a new tick tock dance and it's viral

589

00:22:03,470 --> 00:22:02,280

across the world and a day or two it's

590

00:22:05,570 --> 00:22:03,480

true

591

00:22:08,810 --> 00:22:05,580

in the extra-term Pastoral model you

592

00:22:11,149 --> 00:22:08,820

write are tides atmosphere low gravity

593

00:22:14,270 --> 00:22:11,159

orbit distance from the Sun chemical

594

00:22:16,310 --> 00:22:14,280

composition abundance of carbon and DNA

595

00:22:18,710 --> 00:22:16,320

has the coding system for all life on

596

00:22:20,870 --> 00:22:18,720

Earth are additional factors that make

597

00:22:23,990 --> 00:22:20,880

it highly unlikely extraterrestrial

598

00:22:26,570 --> 00:22:24,000

beings would look walk eat drink mate

599

00:22:29,390 --> 00:22:26,580

sense think communicate or be anything

600

00:22:31,370 --> 00:22:29,400

like us and that really struck me and it

601
00:22:33,350 --> 00:22:31,380
made me wonder to what extent we'd even

602
00:22:35,930 --> 00:22:33,360
be able to recognize other intelligent

603
00:22:37,970 --> 00:22:35,940
forms of life much less communicate with

604
00:22:39,830 --> 00:22:37,980
them and maybe it's not just that the

605
00:22:41,990 --> 00:22:39,840
non-human intelligences that we're in

606
00:22:44,330 --> 00:22:42,000
contact with are in some way genetically

607
00:22:46,970 --> 00:22:44,340
related to us but maybe for us to even

608
00:22:48,830 --> 00:22:46,980
have a real shot at being aware of and

609
00:22:51,049 --> 00:22:48,840
interacting with any non-human

610
00:22:53,029 --> 00:22:51,059
intelligence like we'd almost have to

611
00:22:56,029 --> 00:22:53,039
have that kind of a profound biological

612
00:22:57,350 --> 00:22:56,039
link yeah that's a good point it was

613
00:22:59,570 --> 00:22:57,360

kind of the premise of that movie

614

00:23:01,130 --> 00:22:59,580

arrival which I finally watched not too

615

00:23:03,289 --> 00:23:01,140

long ago people been telling me to watch

616

00:23:05,029 --> 00:23:03,299

it for like two years and that's the

617

00:23:07,250 --> 00:23:05,039

whole cool issue is how do we

618

00:23:08,750 --> 00:23:07,260

communicate are they violent are they

619

00:23:10,549 --> 00:23:08,760

going to kill us even though they could

620

00:23:12,470 --> 00:23:10,559

and then they interject at a very strong

621

00:23:14,690 --> 00:23:12,480

time travel component to that too where

622

00:23:17,390 --> 00:23:14,700

they see all time at the same time

623

00:23:20,870 --> 00:23:17,400

sort of a Slaughterhouse Five situation

624

00:23:22,909 --> 00:23:20,880

and yeah the whole thing was for Amy

625

00:23:26,270 --> 00:23:22,919

Adams to figure that out to crack the

626

00:23:27,830 --> 00:23:26,280

code to break through those nuances of

627

00:23:29,330 --> 00:23:27,840

their form of communication and they

628

00:23:31,070 --> 00:23:29,340

were fundamentally different than us

629

00:23:33,350 --> 00:23:31,080

we're not talking about upright walking

630

00:23:35,570 --> 00:23:33,360

by Peter hominids like we are in this

631

00:23:38,810 --> 00:23:35,580

situation and you would expect that

632

00:23:40,850 --> 00:23:38,820

especially because the vast majority of

633

00:23:43,130 --> 00:23:40,860

Earth-like exoplanets outside of our

634

00:23:46,190 --> 00:23:43,140

solar system are massive they're much

635

00:23:48,470 --> 00:23:46,200

much larger than Earth I did a bull

636

00:23:51,830 --> 00:23:48,480

analysis of this in 2016 and then just

637

00:23:54,110 --> 00:23:51,840

did it again with new exoplanet data

638

00:23:56,990 --> 00:23:54,120

from a number of sources upwards of

639

00:23:59,450 --> 00:23:57,000

almost 6 000 exoplanets and only about

640

00:24:01,549 --> 00:23:59,460

four percent were the same size or

641

00:24:04,130 --> 00:24:01,559

smaller than Earth which indicates that

642

00:24:06,130 --> 00:24:04,140

even that gravity Factor alone not to

643

00:24:09,590 --> 00:24:06,140

mention all the other variables you just

644

00:24:11,450 --> 00:24:09,600

mentioned in asking this question it's

645

00:24:13,669 --> 00:24:11,460

gonna make for something very different

646

00:24:16,850 --> 00:24:13,679

than us and and the fact that bipedalism

647

00:24:18,830 --> 00:24:16,860

is so rare here we're the only mammal

648

00:24:21,289 --> 00:24:18,840

that does it full time out of all of the

649

00:24:22,669 --> 00:24:21,299

mammals on this planet indicates that

650

00:24:24,289 --> 00:24:22,679

it's probably not going to happen on

651
00:24:27,950 --> 00:24:24,299
planets that are heavier than ours which

652
00:24:30,409 --> 00:24:27,960
are 96 of them so yeah I think we

653
00:24:32,690 --> 00:24:30,419
definitely need to keep those things in

654
00:24:34,789 --> 00:24:32,700
mind again I I don't want to do a straw

655
00:24:36,350 --> 00:24:34,799
man fallacy thing here and say well it's

656
00:24:38,510 --> 00:24:36,360
either this or the Extraterrestrial

657
00:24:40,310 --> 00:24:38,520
hypothesis because there's probably a

658
00:24:43,669 --> 00:24:40,320
lot of things that are going on

659
00:24:45,289 --> 00:24:43,679
but if we do look at these two models in

660
00:24:47,890 --> 00:24:45,299
contrast to one another yeah we're not

661
00:24:50,630 --> 00:24:47,900
likely to have an upright walking human

662
00:24:53,330 --> 00:24:50,640
civilization that looks like us thinks

663
00:24:55,130 --> 00:24:53,340

like us as sex like us communicates like

664

00:24:57,770 --> 00:24:55,140

us there's all of these things that go

665

00:25:00,590 --> 00:24:57,780

in to what we've evolved not just

666

00:25:02,090 --> 00:25:00,600

biologically but with regard to our

667

00:25:04,190 --> 00:25:02,100

culture and system of communication

668

00:25:06,710 --> 00:25:04,200

could they even learn our language if

669

00:25:08,690 --> 00:25:06,720

they existed 2.5 million light years

670

00:25:10,190 --> 00:25:08,700

away how would they find us how would

671

00:25:12,529 --> 00:25:10,200

they get here how would they communicate

672

00:25:14,450 --> 00:25:12,539

with us these craps can obviously go

673

00:25:16,970 --> 00:25:14,460

fast I don't think that's a factor but

674

00:25:18,649 --> 00:25:16,980

how do they even identify our location

675

00:25:20,690 --> 00:25:18,659

especially because the speed of light

676
00:25:22,070 --> 00:25:20,700
would take 2.5 million years to even get

677
00:25:24,350 --> 00:25:22,080
there we're talking about

678
00:25:26,930 --> 00:25:24,360
potentially other galaxies at that point

679
00:25:29,810 --> 00:25:26,940
but even within the roughly 100

680
00:25:32,269 --> 00:25:29,820
000 late year span of our own Galaxy

681
00:25:34,070 --> 00:25:32,279
anywhere in that but you're talking

682
00:25:35,870 --> 00:25:34,080
about huge limitations with being able

683
00:25:38,390 --> 00:25:35,880
to find us then yeah as you mentioned

684
00:25:42,830 --> 00:25:38,400
communicate with us once they got here

685
00:25:46,190 --> 00:25:42,840
I have to imagine that our technology is

686
00:25:48,529 --> 00:25:46,200
in some ways really shaped by our shape

687
00:25:50,269 --> 00:25:48,539
and by the fact that we're bipedal and

688
00:25:52,070 --> 00:25:50,279

by the fact that we have to hands-free

689

00:25:54,529 --> 00:25:52,080

and that you know oh absolutely yeah

690

00:25:56,390 --> 00:25:54,539

facing eyes so do you think technology

691

00:25:58,010 --> 00:25:56,400

would look fundamentally different if it

692

00:25:59,690 --> 00:25:58,020

was created even if it could do

693

00:26:01,370 --> 00:25:59,700

analogous things by something that

694

00:26:03,649 --> 00:26:01,380

looked a lot different than we did like

695

00:26:05,210 --> 00:26:03,659

had a different body schema yeah you

696

00:26:08,330 --> 00:26:05,220

know we have this expression of biology

697

00:26:10,549 --> 00:26:08,340

that form follows function and even

698

00:26:12,950 --> 00:26:10,559

beyond having similar things like

699

00:26:14,510 --> 00:26:12,960

bathrooms and kitchens and bedrooms and

700

00:26:16,750 --> 00:26:14,520

operating tables

701
00:26:19,909 --> 00:26:16,760
that are so commonly seen in these craft

702
00:26:21,710 --> 00:26:19,919
just the fact that we're even talking

703
00:26:24,350 --> 00:26:21,720
about something that looks like

704
00:26:26,330 --> 00:26:24,360
something we would or could use you know

705
00:26:28,610 --> 00:26:26,340
what if they had tentacles what if they

706
00:26:31,010 --> 00:26:28,620
had eight limbs and no legs or they

707
00:26:32,690 --> 00:26:31,020
floated instead of walked where we

708
00:26:35,870 --> 00:26:32,700
wouldn't expect to see something that we

709
00:26:37,789 --> 00:26:35,880
can just walk in and walk around on go

710
00:26:39,169 --> 00:26:37,799
make a grilled cheese sandwich in their

711
00:26:40,370 --> 00:26:39,179
kitchen and take a dump in their

712
00:26:41,690 --> 00:26:40,380
bathrooms like we're talking about

713
00:26:44,330 --> 00:26:41,700

something that's going to be very

714

00:26:46,490 --> 00:26:44,340

different and that's part of why I've

715

00:26:49,810 --> 00:26:46,500

said since the beginning that if they

716

00:26:52,430 --> 00:26:49,820

were described as floating tentacle

717

00:26:55,430 --> 00:26:52,440

Berry and beans I never would have even

718

00:26:57,890 --> 00:26:55,440

given this a second thought but because

719

00:26:59,870 --> 00:26:57,900

they're described so often as human in

720

00:27:02,690 --> 00:26:59,880

almost every instance there's only five

721

00:27:04,269 --> 00:27:02,700

percent and that Dr Edgar Mitchell study

722

00:27:07,370 --> 00:27:04,279

where they were described as something

723

00:27:09,049 --> 00:27:07,380

fundamentally non-human so yeah I think

724

00:27:11,690 --> 00:27:09,059

we definitely need to keep that in mind

725

00:27:13,850 --> 00:27:11,700

you know there's a show that I forget

726

00:27:14,990 --> 00:27:13,860

Will Robinson I think was the main

727

00:27:17,330 --> 00:27:15,000

character

728

00:27:19,010 --> 00:27:17,340

than that I don't remember it's kind of

729

00:27:21,049 --> 00:27:19,020

an old I think it was an old boat Lost

730

00:27:22,730 --> 00:27:21,059

in Space is that one yeah I think that

731

00:27:25,070 --> 00:27:22,740

was it yeah which is so it's really good

732

00:27:27,590 --> 00:27:25,080

I think it's made for like kids but it

733

00:27:29,570 --> 00:27:27,600

was really a good series and they had

734

00:27:32,029 --> 00:27:29,580

this thing that was a machine his face

735

00:27:34,850 --> 00:27:32,039

was like this really trippy star system

736

00:27:37,549 --> 00:27:34,860

like one of those oldest screensavers

737

00:27:39,049 --> 00:27:37,559

from the 90s but it was still upright

738

00:27:40,610 --> 00:27:39,059

walking still at two limbs it could

739

00:27:42,769 --> 00:27:40,620

morph its body into something different

740

00:27:45,289 --> 00:27:42,779

but it flew the ship with four

741

00:27:47,930 --> 00:27:45,299

appendages upper Limbs and lower limbs

742

00:27:50,870 --> 00:27:47,940

so we do try to push that sometimes but

743

00:27:53,090 --> 00:27:50,880

you watch Star Trek or Star Wars or the

744

00:27:55,010 --> 00:27:53,100

Oroville or any of these they try to

745

00:27:57,590 --> 00:27:55,020

make something look so different from us

746

00:28:00,350 --> 00:27:57,600

but it still looks like us you know and

747

00:28:02,870 --> 00:28:00,360

they'll go to this planet which is

748

00:28:04,370 --> 00:28:02,880

allegedly many many late years away and

749

00:28:05,870 --> 00:28:04,380

they get there and it's humans that are

750

00:28:08,090 --> 00:28:05,880

identical to us that speak English with

751
00:28:09,890 --> 00:28:08,100
an American accent it's like come on you

752
00:28:12,409 --> 00:28:09,900
know try harder at least push the

753
00:28:14,630 --> 00:28:12,419
boundaries of our knowledge of evolution

754
00:28:15,769 --> 00:28:14,640
a little bit but it's hard to do that

755
00:28:17,570 --> 00:28:15,779
you know saying same thing with time

756
00:28:20,090 --> 00:28:17,580
travel it's hard to stick to the block

757
00:28:22,250 --> 00:28:20,100
Universe model of time travel when

758
00:28:23,870 --> 00:28:22,260
making a script because it's hard to be

759
00:28:26,450 --> 00:28:23,880
self-consistent even though the universe

760
00:28:28,310 --> 00:28:26,460
seemingly is it's a lot easier to

761
00:28:30,769 --> 00:28:28,320
interject change and interject different

762
00:28:32,510 --> 00:28:30,779
timelines because your storyline is

763
00:28:34,789 --> 00:28:32,520

easier to write like that but I feel

764

00:28:36,769 --> 00:28:34,799

like we should do better with both it

765

00:28:39,230 --> 00:28:36,779

should be making non-humans look like

766

00:28:41,570 --> 00:28:39,240

non-humans and we're going to write time

767

00:28:43,730 --> 00:28:41,580

travel make it a little more realistic

768

00:28:46,610 --> 00:28:43,740

in the context of the way we perceive

769

00:28:48,289 --> 00:28:46,620

them absolutely I think it's interesting

770

00:28:50,149 --> 00:28:48,299

too going back to what you were saying

771

00:28:52,909 --> 00:28:50,159

about the kinds of beings that people

772

00:28:55,909 --> 00:28:52,919

report seeing that even some of the more

773

00:28:58,310 --> 00:28:55,919

kind of exotic non-human intelligences

774

00:29:00,950 --> 00:28:58,320

like mantids even though they look very

775

00:29:03,830 --> 00:29:00,960

distinctly not human they're still kind

776

00:29:06,830 --> 00:29:03,840

of upright walking by petal you know

777

00:29:09,049 --> 00:29:06,840

yeah did they have six limbs if they had

778

00:29:11,210 --> 00:29:09,059

six limbs or an insect if they have four

779

00:29:13,190 --> 00:29:11,220

they're a tetrapod very important

780

00:29:15,950 --> 00:29:13,200

distinction I don't care how damn big

781

00:29:17,810 --> 00:29:15,960

Their Eyes Were if they have the body

782

00:29:19,070 --> 00:29:17,820

form the bowel plan as we call it the

783

00:29:21,769 --> 00:29:19,080

tetrapod then they're an Earthly

784

00:29:24,289 --> 00:29:21,779

tetrapod if they have six limbs they're

785

00:29:28,250 --> 00:29:24,299

probably an Earthly insect probably from

786

00:29:31,610 --> 00:29:28,260

an alternate Dimension it could be a

787

00:29:33,769 --> 00:29:31,620

very distant post-human civilization

788

00:29:36,049 --> 00:29:33,779

where bugs took over and

789

00:29:37,789 --> 00:29:36,059

you know figured out time trouble I I

790

00:29:40,909 --> 00:29:37,799

don't necessarily believe that but it

791

00:29:42,889 --> 00:29:40,919

has been been mentioned before

792

00:29:45,649 --> 00:29:42,899

yeah but it does at least it does at

793

00:29:47,750 --> 00:29:45,659

least suggest an earth origin

794

00:29:50,690 --> 00:29:47,760

yeah clearly not right now because we

795

00:29:52,909 --> 00:29:50,700

don't see giant mantids fortunately we

796

00:29:54,470 --> 00:29:52,919

do generally and they tend to be kind of

797

00:29:57,230 --> 00:29:54,480

they freak people out and that's another

798

00:29:58,669 --> 00:29:57,240

interesting correlation especially that

799

00:30:00,289 --> 00:29:58,679

comes out of this free study because you

800

00:30:02,389 --> 00:30:00,299

know we can always talk about anecdotal

801
00:30:05,389 --> 00:30:02,399
things but this was hit actual well

802
00:30:07,909 --> 00:30:05,399
thought out survey study and those are

803
00:30:09,289 --> 00:30:07,919
quite valid in social science and we

804
00:30:10,970 --> 00:30:09,299
shouldn't ignore that fact you know

805
00:30:13,149 --> 00:30:10,980
everybody is like well we need standards

806
00:30:15,830 --> 00:30:13,159
of evidence so we need to do

807
00:30:17,029 --> 00:30:15,840
lab-based studies with controlling all

808
00:30:20,570 --> 00:30:17,039
variables that's that's

809
00:30:22,250 --> 00:30:20,580
unrealistic with regard to most things

810
00:30:24,049 --> 00:30:22,260
and more uniquely positioned as

811
00:30:26,690 --> 00:30:24,059
anthropologists to call on that

812
00:30:28,669 --> 00:30:26,700
because we can't do that to people it's

813
00:30:31,370 --> 00:30:28,679

highly illegal and we wouldn't in the

814

00:30:33,710 --> 00:30:31,380

first place because it's unethical

815

00:30:35,810 --> 00:30:33,720

so as a result of that we have other

816

00:30:38,149 --> 00:30:35,820

ways of gathering data and we can make

817

00:30:41,450 --> 00:30:38,159

predictions and we can test those with

818

00:30:43,070 --> 00:30:41,460

the same types of statistical rigor and

819

00:30:44,930 --> 00:30:43,080

hypothesis testing that we can with

820

00:30:46,070 --> 00:30:44,940

anything else the only limitation is we

821

00:30:48,289 --> 00:30:46,080

can't say there's cause and effect

822

00:30:49,970 --> 00:30:48,299

because there's too many cofactors

823

00:30:53,269 --> 00:30:49,980

there's too many other variables but

824

00:30:55,549 --> 00:30:53,279

survey data is a legitimate way of

825

00:30:58,430 --> 00:30:55,559

conducting studies like this and they're

826

00:31:00,710 --> 00:30:58,440

up to over 5 000 individuals at this

827

00:31:03,409 --> 00:31:00,720

point but yeah they found that people

828

00:31:06,529 --> 00:31:03,419

who interact with the more human looking

829

00:31:08,450 --> 00:31:06,539

entities humans human looking humans out

830

00:31:11,330 --> 00:31:08,460

a more positive experience because you

831

00:31:13,310 --> 00:31:11,340

can sort of see yourself in them and

832

00:31:15,049 --> 00:31:13,320

arguably if they are closer to us in

833

00:31:17,810 --> 00:31:15,059

time in our future they would see more

834

00:31:20,330 --> 00:31:17,820

of us and themselves whereas if you're

835

00:31:22,730 --> 00:31:20,340

talking about very distant humans from

836

00:31:25,010 --> 00:31:22,740

tens of thousands of years in the future

837

00:31:26,930 --> 00:31:25,020

maybe longer than it might take to

838

00:31:29,389 --> 00:31:26,940

develop those big bug eyes where we

839

00:31:31,669 --> 00:31:29,399

confuse them for a praying mantis then

840

00:31:33,590 --> 00:31:31,679

yeah they see us as some primitive

841

00:31:35,810 --> 00:31:33,600

Little Ant turd from their very distant

842

00:31:37,970 --> 00:31:35,820

past and why would they care about us

843

00:31:39,710 --> 00:31:37,980

why would they give us hugs and try to

844

00:31:41,870 --> 00:31:39,720

make us feel nice about what's happening

845

00:31:44,870 --> 00:31:41,880

yeah that makes sense when you see how

846

00:31:46,850 --> 00:31:44,880

lee tree animals and beings that we feel

847

00:31:49,250 --> 00:31:46,860

don't have quite the same level of

848

00:31:50,930 --> 00:31:49,260

advancement that we have yeah looking at

849

00:31:53,570 --> 00:31:50,940

Primate Research is a great example

850

00:31:56,570 --> 00:31:53,580

that's just recently that we started to

851

00:31:58,970 --> 00:31:56,580

Outlaw doing scientific research on the

852

00:32:01,549 --> 00:31:58,980

hominoids which includes orangutans

853

00:32:04,250 --> 00:32:01,559

gorillas chimpanzees bonobo and common

854

00:32:07,130 --> 00:32:04,260

chimpanzees yeah it's still only 26

855

00:32:08,810 --> 00:32:07,140

countries who have outlawed that mcccax

856

00:32:10,490 --> 00:32:08,820

get used for everything these poor

857

00:32:12,889 --> 00:32:10,500

little bastards get all kinds of things

858

00:32:15,110 --> 00:32:12,899

shoved into them and shot up with AIDS

859

00:32:16,909 --> 00:32:15,120

and everything else but yeah we do it

860

00:32:18,950 --> 00:32:16,919

too absolutely where do you draw the

861

00:32:20,750 --> 00:32:18,960

line yeah exactly well this question is

862

00:32:21,830 --> 00:32:20,760

a little more off the beaten path but

863

00:32:24,049 --> 00:32:21,840

with your background I'm really

864

00:32:25,789 --> 00:32:24,059

interested to ask you this so

865

00:32:28,610 --> 00:32:25,799

the communication problem that's

866

00:32:30,529 --> 00:32:28,620

presented by non-human intelligence also

867

00:32:33,049 --> 00:32:30,539

makes me wonder if what we're seeing

868

00:32:35,810 --> 00:32:33,059

with these humanoid entities might be

869

00:32:37,730 --> 00:32:35,820

some kind of like biomimicry intended to

870

00:32:39,769 --> 00:32:37,740

serve as an interface between us and an

871

00:32:42,230 --> 00:32:39,779

intelligence that's too unlike us for us

872

00:32:44,029 --> 00:32:42,240

to process it in any other way in

873

00:32:46,070 --> 00:32:44,039

interviews Gary Nolan has posed a

874

00:32:47,810 --> 00:32:46,080

thought experiment of how would you

875

00:32:50,510 --> 00:32:47,820

communicate with an ant colony that's

876

00:32:51,769 --> 00:32:50,520

living in your backyard and so maybe you

877

00:32:53,930 --> 00:32:51,779

would need something that looked enough

878

00:32:56,930 --> 00:32:53,940

like an ant for an ant to communicate

879

00:32:58,250 --> 00:32:56,940

with it but enough not like an ant so

880

00:33:00,350 --> 00:32:58,260

that it got the idea that it was

881

00:33:02,330 --> 00:33:00,360

something other what do you make of that

882

00:33:04,909 --> 00:33:02,340

idea and do you think it's possible that

883

00:33:06,409 --> 00:33:04,919

maybe more exotic forms of non-human

884

00:33:08,630 --> 00:33:06,419

intelligences that might be coming from

885

00:33:11,029 --> 00:33:08,640

somewhere else could be using some form

886

00:33:12,830 --> 00:33:11,039

of biomimicry to communicate with

887

00:33:16,009 --> 00:33:12,840

yeah I listened to that that's from

888

00:33:18,590 --> 00:33:16,019

assault talked I Believe by the way they

889

00:33:21,169 --> 00:33:18,600

call him Harry Nolan and Russia which I

890

00:33:22,789 --> 00:33:21,179

think is fun directing them on that but

891

00:33:24,830 --> 00:33:22,799

they didn't stick

892

00:33:26,990 --> 00:33:24,840

yeah so I listened to that in the

893

00:33:29,090 --> 00:33:27,000

airport recently I think not long after

894

00:33:31,190 --> 00:33:29,100

it came out my first thought was why not

895

00:33:33,409 --> 00:33:31,200

make them look exactly like us then if

896

00:33:35,870 --> 00:33:33,419

they can well why make all these

897

00:33:38,389 --> 00:33:35,880

different versions and with some that

898

00:33:40,310 --> 00:33:38,399

have very shocking mantis-like

899

00:33:42,950 --> 00:33:40,320

characteristics why not if they're

900

00:33:45,830 --> 00:33:42,960

focused on a specific group of people on

901
00:33:47,450 --> 00:33:45,840
a specific Planet at a specific time as

902
00:33:49,130 --> 00:33:47,460
extraterrestrials who have the ability

903
00:33:51,350 --> 00:33:49,140
to make something look kind of like us

904
00:33:53,450 --> 00:33:51,360
and communicate with us like us why not

905
00:33:55,070 --> 00:33:53,460
make them look exactly like us if

906
00:33:57,289 --> 00:33:55,080
they're Advanced creatures that have

907
00:34:00,110 --> 00:33:57,299
that technology I think they would

908
00:34:03,409 --> 00:34:00,120
but the variation unto itself

909
00:34:05,810 --> 00:34:03,419
seems to indicate that it is different

910
00:34:07,970 --> 00:34:05,820
iterations of humans from different

911
00:34:11,149 --> 00:34:07,980
times with that said

912
00:34:12,889 --> 00:34:11,159
I do definitely agree that if you're

913
00:34:14,089 --> 00:34:12,899

gonna send something back to a certain

914

00:34:16,369 --> 00:34:14,099

time

915

00:34:18,950 --> 00:34:16,379

especially early on

916

00:34:21,710 --> 00:34:18,960

there are inherent dangers associated

917

00:34:24,710 --> 00:34:21,720

with that it's hard enough to fly things

918

00:34:26,389 --> 00:34:24,720

through space with our normal perception

919

00:34:28,609 --> 00:34:26,399

of the passage of the fourth dimension

920

00:34:30,950 --> 00:34:28,619

but when you're dropping things in and

921

00:34:32,750 --> 00:34:30,960

out a four-dimensional space time

922

00:34:35,389 --> 00:34:32,760

appearing and disappearing there's

923

00:34:36,950 --> 00:34:35,399

undoubtedly four or more things you have

924

00:34:38,629 --> 00:34:36,960

to account for and I think that does

925

00:34:41,030 --> 00:34:38,639

help explain why they crash I think

926
00:34:41,990 --> 00:34:41,040
human fallibility helps explain why they

927
00:34:46,129 --> 00:34:42,000
crash

928
00:34:48,230 --> 00:34:46,139
but yeah why not make AI in the form of

929
00:34:50,149 --> 00:34:48,240
yourself which we do now let's go back

930
00:34:51,770 --> 00:34:50,159
to that analogy earlier where we're

931
00:34:53,270 --> 00:34:51,780
talking about us get on these ships and

932
00:34:55,310 --> 00:34:53,280
going back and exploring all these

933
00:34:59,290 --> 00:34:55,320
different groups if you had to go back

934
00:35:02,750 --> 00:34:59,300
and pick up a couple of 200 pound

935
00:35:05,630 --> 00:35:02,760
neanderthals with Spears and fight or

936
00:35:07,490 --> 00:35:05,640
flight responses are you going to want

937
00:35:08,990 --> 00:35:07,500
to go out there and do that yourself or

938
00:35:11,569 --> 00:35:09,000

are you going to want to maybe employ

939

00:35:14,510 --> 00:35:11,579

some artificial intelligence some big

940

00:35:16,250 --> 00:35:14,520

strong robots to go do that for you and

941

00:35:19,190 --> 00:35:16,260

I think a modern example is the

942

00:35:21,650 --> 00:35:19,200

Pascagoula encounter with Calvin Parker

943

00:35:23,510 --> 00:35:21,660

and Hixson where they were taken by

944

00:35:25,910 --> 00:35:23,520

robots at first they saw humans in the

945

00:35:27,829 --> 00:35:25,920

craft but their initial abduction was

946

00:35:29,990 --> 00:35:27,839

arguably a robot not even one that

947

00:35:31,430 --> 00:35:30,000

looked like a human which I think is

948

00:35:32,710 --> 00:35:31,440

interesting I think that implies that

949

00:35:34,970 --> 00:35:32,720

they're from a more

950

00:35:38,109 --> 00:35:34,980

approximate period in our future but

951
00:35:41,810 --> 00:35:38,119
Whitley strieber thinks he was initially

952
00:35:43,250 --> 00:35:41,820
taken by an AI that looks like these

953
00:35:46,490 --> 00:35:43,260
gray so I think they make them in their

954
00:35:49,069 --> 00:35:46,500
own image they don't really try to build

955
00:35:50,870 --> 00:35:49,079
them to specific time periods which I

956
00:35:51,890 --> 00:35:50,880
think you would see if they cared about

957
00:35:54,530 --> 00:35:51,900
that

958
00:35:56,210 --> 00:35:54,540
more or if they were extraterrestrial

959
00:35:57,890 --> 00:35:56,220
and we're trying to come to a certain

960
00:35:58,790 --> 00:35:57,900
place at a certain time and make

961
00:36:00,170 --> 00:35:58,800
something that could be that

962
00:36:01,970 --> 00:36:00,180
intermediate I don't think they need one

963
00:36:04,069 --> 00:36:01,980

because we're not ants

964

00:36:05,810 --> 00:36:04,079

where people and their people

965

00:36:07,730 --> 00:36:05,820

so I don't think that's necessarily an

966

00:36:09,589 --> 00:36:07,740

aspect of the communication thing I do

967

00:36:10,910 --> 00:36:09,599

think that it may be an aspect of what

968

00:36:15,589 --> 00:36:10,920

they're doing

969

00:36:18,650 --> 00:36:15,599

we're already doing it we're already

970

00:36:21,109 --> 00:36:18,660

making robots to look like us

971

00:36:22,910 --> 00:36:21,119

probably mostly for the sex industry to

972

00:36:24,950 --> 00:36:22,920

be honest there's been a lot of

973

00:36:27,290 --> 00:36:24,960

indications of that throughout the

974

00:36:29,810 --> 00:36:27,300

recent past there is what was that at

975

00:36:31,609 --> 00:36:29,820

that movie cause horrible movie I think

976

00:36:33,650 --> 00:36:31,619

it might have been called AI out here

977

00:36:36,410 --> 00:36:33,660

with that kid from The Sixth Sense and

978

00:36:38,990 --> 00:36:36,420

the sexy British guy forget his name

979

00:36:40,849 --> 00:36:39,000

Jude Law I think was in it but yeah it

980

00:36:42,710 --> 00:36:40,859

was you know they were all sex robots

981

00:36:43,910 --> 00:36:42,720

and they're all these places people

982

00:36:46,670 --> 00:36:43,920

could go and then you'd have to worry

983

00:36:49,430 --> 00:36:46,680

about diseases and the ethics so sex

984

00:36:51,470 --> 00:36:49,440

trafficking and things like that so yeah

985

00:36:53,990 --> 00:36:51,480

I don't think it's just gonna be sex

986

00:36:55,670 --> 00:36:54,000

robots but they're utilitarian in a

987

00:36:57,829 --> 00:36:55,680

number of ways beyond that and I think

988

00:36:59,870 --> 00:36:57,839

once we start traveling back in time

989

00:37:01,910 --> 00:36:59,880

they're going to be even more so humans

990

00:37:04,790 --> 00:37:01,920

we are predictable if nothing else right

991

00:37:06,770 --> 00:37:04,800

yeah and it usually sucks on food and

992

00:37:09,650 --> 00:37:06,780

sex because we are animals just like

993

00:37:12,410 --> 00:37:09,660

every other yes absolutely so we've

994

00:37:15,410 --> 00:37:12,420

talked a lot about the morphology of the

995

00:37:18,470 --> 00:37:15,420

beings that people encounter but what

996

00:37:20,750 --> 00:37:18,480

Clues do we have of that the craft being

997

00:37:22,849 --> 00:37:20,760

reported might not be spacecraft but

998

00:37:25,130 --> 00:37:22,859

actually time machines well I think they

999

00:37:27,589 --> 00:37:25,140

can be both they can go very fast and

1000

00:37:29,870 --> 00:37:27,599

like I've argued for a long time if we

1001
00:37:31,310 --> 00:37:29,880
are going to do Interstellar travel we

1002
00:37:33,589 --> 00:37:31,320
would need those craft to be time

1003
00:37:36,050 --> 00:37:33,599
machines simply because of the effect of

1004
00:37:37,790 --> 00:37:36,060
time deletion how it compresses both

1005
00:37:39,650 --> 00:37:37,800
time and space for those inside the

1006
00:37:42,710 --> 00:37:39,660
crafts when they get back

1007
00:37:44,690 --> 00:37:42,720
the classic example is the twin paradox

1008
00:37:46,970 --> 00:37:44,700
where the individual stayed behind is

1009
00:37:49,130 --> 00:37:46,980
much older because time passed faster

1010
00:37:52,130 --> 00:37:49,140
back on their home planet than it did

1011
00:37:53,569 --> 00:37:52,140
for the twin that was in the ship so if

1012
00:37:55,670 --> 00:37:53,579
you wanted to return not just your home

1013
00:37:57,710 --> 00:37:55,680

planet but your home time you would need

1014

00:38:00,770 --> 00:37:57,720

backward time travel technology to do

1015

00:38:02,569 --> 00:38:00,780

that so I think it's probably going to

1016

00:38:04,790 --> 00:38:02,579

be an aspect of both and I don't think

1017

00:38:07,010 --> 00:38:04,800

we'll really attempt to Interstellar

1018

00:38:08,390 --> 00:38:07,020

travel until we have that capability but

1019

00:38:11,870 --> 00:38:08,400

honestly I've come

1020

00:38:15,170 --> 00:38:11,880

to think that these these machines are

1021

00:38:17,329 --> 00:38:15,180

both inherently not just because of that

1022

00:38:19,970 --> 00:38:17,339

but because of the way they appear and

1023

00:38:22,310 --> 00:38:19,980

disappear the way they seemingly shift

1024

00:38:24,890 --> 00:38:22,320

colors the color spectrum when they're

1025

00:38:27,109 --> 00:38:24,900

powering up before guarding off or just

1026

00:38:28,490 --> 00:38:27,119

disappearing and thin air that's

1027

00:38:30,890 --> 00:38:28,500

something you would expect of a time

1028

00:38:32,210 --> 00:38:30,900

machine and then and I kind of broke

1029

00:38:35,270 --> 00:38:32,220

down the history of how we understand

1030

00:38:38,329 --> 00:38:35,280

time and how time travel might work in

1031

00:38:40,010 --> 00:38:38,339

my first book since Einstein's 1915

1032

00:38:42,950 --> 00:38:40,020

publication

1033

00:38:45,290 --> 00:38:42,960

on general relativity which laid out 10

1034

00:38:47,390 --> 00:38:45,300

field equations that have been

1035

00:38:50,030 --> 00:38:47,400

solved numerous times to demonstrate

1036

00:38:52,130 --> 00:38:50,040

that time travel is possible backward

1037

00:38:53,450 --> 00:38:52,140

time travel specifically future time

1038

00:38:56,630 --> 00:38:53,460

travel is easy

1039

00:39:01,670 --> 00:38:56,640

but then obviously we're talking about

1040

00:39:05,630 --> 00:39:01,680

1915 to 2023 still without any knowledge

1041

00:39:07,609 --> 00:39:05,640

of the Advanced Machinery that were

1042

00:39:09,109 --> 00:39:07,619

arguably seen from that future when

1043

00:39:10,550 --> 00:39:09,119

we're likely reverse engineering and

1044

00:39:12,109 --> 00:39:10,560

this is the thing that pisses me off the

1045

00:39:14,810 --> 00:39:12,119

most is people will miss this obvious

1046

00:39:17,990 --> 00:39:14,820

fact they're talking about how these

1047

00:39:20,750 --> 00:39:18,000

craft are thousands of years Beyond us

1048

00:39:23,089 --> 00:39:20,760

and we're reverse engineering in linear

1049

00:39:25,849 --> 00:39:23,099

time we're going to be flying those

1050

00:39:28,310 --> 00:39:25,859

things thousands of years in the future

1051
00:39:30,109 --> 00:39:28,320
probably a lot sooner than that but we

1052
00:39:31,670 --> 00:39:30,119
would be expected to have the technology

1053
00:39:33,170 --> 00:39:31,680
if we reverse engineer it will

1054
00:39:36,050 --> 00:39:33,180
eventually figure out how it works and

1055
00:39:37,790 --> 00:39:36,060
then use it to travel back in time and I

1056
00:39:40,190 --> 00:39:37,800
feel like it's a very obvious thing that

1057
00:39:43,250 --> 00:39:40,200
a lot of people just goes right by them

1058
00:39:45,230 --> 00:39:43,260
like yes it's more advanced than us yes

1059
00:39:48,650 --> 00:39:45,240
we have it yes we're figuring out how to

1060
00:39:50,810 --> 00:39:48,660
do it maybe that'll be us at some point

1061
00:39:52,370 --> 00:39:50,820
using that same technology and I talk

1062
00:39:53,750 --> 00:39:52,380
about this in both my books because I

1063
00:39:56,270 --> 00:39:53,760

think it's an important point but one

1064

00:39:58,490 --> 00:39:56,280

that's really commonly overlooked and in

1065

00:40:00,950 --> 00:39:58,500

people's statements about this highly

1066

00:40:02,810 --> 00:40:00,960

advanced technology that's so hard to

1067

00:40:04,250 --> 00:40:02,820

understand and certainly it was for our

1068

00:40:06,109 --> 00:40:04,260

ancestors but we're getting to the point

1069

00:40:07,430 --> 00:40:06,119

where we can start to understand it we

1070

00:40:09,650 --> 00:40:07,440

can figure out how it works even though

1071

00:40:11,210 --> 00:40:09,660

all of these secrets are being kept from

1072

00:40:12,950 --> 00:40:11,220

us because of the benefits the

1073

00:40:14,569 --> 00:40:12,960

military-industrial complex and what

1074

00:40:16,849 --> 00:40:14,579

they can get out of it in the context of

1075

00:40:17,690 --> 00:40:16,859

war and other predictable thing sex food

1076

00:40:19,849 --> 00:40:17,700

War

1077

00:40:23,690 --> 00:40:19,859

which has always been the case anytime

1078

00:40:26,810 --> 00:40:23,700

any civilization any small group had

1079

00:40:29,270 --> 00:40:26,820

technology that was more advanced and

1080

00:40:31,130 --> 00:40:29,280

better killing other people than they

1081

00:40:32,930 --> 00:40:31,140

spread and that technology spread with

1082

00:40:34,970 --> 00:40:32,940

them and unfortunately it's probably

1083

00:40:37,069 --> 00:40:34,980

been the case with what's been going on

1084

00:40:39,230 --> 00:40:37,079

with the UFO cover-up over the last 90

1085

00:40:41,750 --> 00:40:39,240

years as well especially because a lot

1086

00:40:44,510 --> 00:40:41,760

of it was happening during Wars Cold War

1087

00:40:46,730 --> 00:40:44,520

World War II post-world War II and so on

1088

00:40:49,130 --> 00:40:46,740

but yeah I don't know I think there's a

1089

00:40:51,170 --> 00:40:49,140

lot of things even beyond that that

1090

00:40:53,270 --> 00:40:51,180

indicate they are time machines I list a

1091

00:40:55,730 --> 00:40:53,280

number of them in my second book just

1092

00:40:57,470 --> 00:40:55,740

like the fact that the trees were

1093

00:40:59,810 --> 00:40:57,480

allegedly the trees around the Travis

1094

00:41:01,310 --> 00:40:59,820

Walton abduction site grew at a much

1095

00:41:03,950 --> 00:41:01,320

faster rate and they could test that

1096

00:41:05,930 --> 00:41:03,960

with the tree rings around them relative

1097

00:41:09,170 --> 00:41:05,940

to trees farther away from that Linda

1098

00:41:11,690 --> 00:41:09,180

Jones and Manchester UK describes the

1099

00:41:13,190 --> 00:41:11,700

grass growing instantly around her Jim

1100

00:41:15,589 --> 00:41:13,200

peniston talks about a sphere of

1101
00:41:17,329 --> 00:41:15,599
influence around the craft where time

1102
00:41:19,730 --> 00:41:17,339
seemed to slow and then he had missing

1103
00:41:21,530 --> 00:41:19,740
time and missing time itself is I think

1104
00:41:23,569 --> 00:41:21,540
a pretty good indication that there is

1105
00:41:24,470 --> 00:41:23,579
some sort of shift in the rate at which

1106
00:41:26,750 --> 00:41:24,480
time

1107
00:41:29,510 --> 00:41:26,760
close as we perceive it in and around

1108
00:41:32,109 --> 00:41:29,520
these crafts so yeah we can only know so

1109
00:41:35,510 --> 00:41:32,119
much in this very limited

1110
00:41:36,890 --> 00:41:35,520
perspective we have in 2023 we think

1111
00:41:40,609 --> 00:41:36,900
we're so Advanced but when we're talking

1112
00:41:42,290 --> 00:41:40,619
about these highly evolved complex

1113
00:41:44,030 --> 00:41:42,300

machines or not

1114

00:41:45,470 --> 00:41:44,040

I know it may be their eventually we'll

1115

00:41:47,950 --> 00:41:45,480

look back on our understanding of time

1116

00:41:50,150 --> 00:41:47,960

now physicists don't even understand it

1117

00:41:52,430 --> 00:41:50,160

astrophysicists they can do numbers they

1118

00:41:53,810 --> 00:41:52,440

can crunch things but it's all

1119

00:41:56,150 --> 00:41:53,820

because they don't even know what the

1120

00:41:57,950 --> 00:41:56,160

fundamental nature of time is and

1121

00:42:00,410 --> 00:41:57,960

arguably States Sean Carroll says that

1122

00:42:02,630 --> 00:42:00,420

all the time space might also be an

1123

00:42:04,430 --> 00:42:02,640

emergent phenomenon then they get all

1124

00:42:06,349 --> 00:42:04,440

like with everybody like we know

1125

00:42:08,210 --> 00:42:06,359

everything and I think it's kind of a

1126

00:42:10,130 --> 00:42:08,220

Napoleon complex where they don't and

1127

00:42:12,710 --> 00:42:10,140

they know it but they got to double down

1128

00:42:13,970 --> 00:42:12,720

and be like well actually I know we've

1129

00:42:15,829 --> 00:42:13,980

got it all figured out don't you worry

1130

00:42:17,990 --> 00:42:15,839

about that you can't do the math so

1131

00:42:20,089 --> 00:42:18,000

don't worry about that and it's

1132

00:42:21,950 --> 00:42:20,099

infuriating because if we all just said

1133

00:42:24,430 --> 00:42:21,960

look we don't know

1134

00:42:28,250 --> 00:42:24,440

but let's try to figure it out together

1135

00:42:29,990 --> 00:42:28,260

instead of just I don't know making all

1136

00:42:31,790 --> 00:42:30,000

these little fights that you see in the

1137

00:42:34,910 --> 00:42:31,800

UFO community of the paleoanthropology

1138

00:42:37,370 --> 00:42:34,920

community any field where there's a lot

1139

00:42:39,890 --> 00:42:37,380

of smart people that don't have it all

1140

00:42:42,410 --> 00:42:39,900

figured out it tends to just evolve into

1141

00:42:44,569 --> 00:42:42,420

chaos and name calling and arguing and

1142

00:42:46,130 --> 00:42:44,579

you see that across the board I guess

1143

00:42:48,589 --> 00:42:46,140

I'm a part of it by just saying that too

1144

00:42:50,630 --> 00:42:48,599

so I'll call myself up yeah absolutely

1145

00:42:53,270 --> 00:42:50,640

it gets ridiculous at times

1146

00:42:55,670 --> 00:42:53,280

I struggled with this Theory at first

1147

00:42:57,170 --> 00:42:55,680

but I know that one case that you go

1148

00:42:59,030 --> 00:42:57,180

over in your second book and that was

1149

00:43:00,410 --> 00:42:59,040

really one that brought me around and

1150

00:43:02,930 --> 00:43:00,420

that most people be familiar with is the

1151
00:43:05,750 --> 00:43:02,940
Nimitz incident because you have that

1152
00:43:07,609 --> 00:43:05,760
moment where the Tic Tac beat them to

1153
00:43:10,730 --> 00:43:07,619
the cat point which is something that

1154
00:43:12,290 --> 00:43:10,740
was created in real time through a

1155
00:43:14,809 --> 00:43:12,300
computer that like no one should have

1156
00:43:17,809 --> 00:43:14,819
had any kind of access to whatsoever and

1157
00:43:20,390 --> 00:43:17,819
yet somehow the Tic Tac wasn't just near

1158
00:43:22,370 --> 00:43:20,400
the cath point it was on it was on it

1159
00:43:24,410 --> 00:43:22,380
yeah yeah I feel like it's almost

1160
00:43:26,030 --> 00:43:24,420
impossible to wrap your mind around that

1161
00:43:27,410 --> 00:43:26,040
and what could be going on there without

1162
00:43:29,930 --> 00:43:27,420
there being some sort of an

1163
00:43:32,210 --> 00:43:29,940

understanding that they are interacting

1164

00:43:35,210 --> 00:43:32,220

with time in a way that's different than

1165

00:43:37,010 --> 00:43:35,220

yeah our future knowledge too I mean if

1166

00:43:38,030 --> 00:43:37,020

we're talking about individuals that

1167

00:43:40,430 --> 00:43:38,040

knew

1168

00:43:42,829 --> 00:43:40,440

something about the future and that

1169

00:43:44,750 --> 00:43:42,839

almost seems like one where they're

1170

00:43:47,089 --> 00:43:44,760

trying to communicate something or

1171

00:43:49,309 --> 00:43:47,099

they're trying to say Hey look we know

1172

00:43:52,069 --> 00:43:49,319

where you're going how do we know that

1173

00:43:54,349 --> 00:43:52,079

yeah I should be asking questions that's

1174

00:43:57,730 --> 00:43:54,359

like there's a lot of things that they

1175

00:44:00,290 --> 00:43:57,740

seemingly do to make us ask questions

1176

00:44:02,809 --> 00:44:00,300

some of us there's the vast majority of

1177

00:44:05,750 --> 00:44:02,819

the human population that ignores all of

1178

00:44:07,370 --> 00:44:05,760

this but yeah if you pay attention and

1179

00:44:09,589 --> 00:44:07,380

like I said earlier I wonder if that's

1180

00:44:13,069 --> 00:44:09,599

an aspect of the disclosure thing is

1181

00:44:15,530 --> 00:44:13,079

that we're not just asking questions but

1182

00:44:17,569 --> 00:44:15,540

trying to figure it out and once we get

1183

00:44:20,510 --> 00:44:17,579

close enough I don't see how that

1184

00:44:22,670 --> 00:44:20,520

couldn't be a signal to them that it's

1185

00:44:23,809 --> 00:44:22,680

time to talk to us if we know who they

1186

00:44:26,030 --> 00:44:23,819

are

1187

00:44:27,710 --> 00:44:26,040

they don't have to be covert anymore

1188

00:44:29,270 --> 00:44:27,720

they don't have to hide everything that

1189

00:44:30,950 --> 00:44:29,280

they're doing anymore and that to me

1190

00:44:32,870 --> 00:44:30,960

seemed like one like why do that you

1191

00:44:35,750 --> 00:44:32,880

know if you're just flying around

1192

00:44:37,730 --> 00:44:35,760

why end up in that exact point that

1193

00:44:40,849 --> 00:44:37,740

nobody knows about and you should know

1194

00:44:42,290 --> 00:44:40,859

about unless you had future knowledge so

1195

00:44:45,349 --> 00:44:42,300

yeah that's an interesting one but also

1196

00:44:47,150 --> 00:44:45,359

the g-forces I also talk about that in

1197

00:44:48,770 --> 00:44:47,160

that section of the book this was

1198

00:44:50,150 --> 00:44:48,780

something that was conveyed to me by

1199

00:44:53,210 --> 00:44:50,160

someone

1200

00:44:56,210 --> 00:44:53,220

who allegedly worked in the intelligence

1201

00:45:00,410 --> 00:44:56,220

Community for his entire life he was

1202

00:45:03,650 --> 00:45:00,420

retired I can never know if that's true

1203

00:45:05,690 --> 00:45:03,660

I can never fact check those things

1204

00:45:07,490 --> 00:45:05,700

um maybe somebody could I don't know I

1205

00:45:08,690 --> 00:45:07,500

didn't really care to either because I

1206

00:45:10,670 --> 00:45:08,700

felt like they were just trying to tell

1207

00:45:12,829 --> 00:45:10,680

me something didn't matter who they were

1208

00:45:15,349 --> 00:45:12,839

something that I overlooked in my first

1209

00:45:17,569 --> 00:45:15,359

book that with time travel capabilities

1210

00:45:19,010 --> 00:45:17,579

and with the sphere of influence that

1211

00:45:20,650 --> 00:45:19,020

they're making around this craft where

1212

00:45:22,790 --> 00:45:20,660

they're manipulating the flow of time

1213

00:45:24,710 --> 00:45:22,800

suddenly we're talking about different

1214

00:45:28,730 --> 00:45:24,720

reference frames

1215

00:45:30,589 --> 00:45:28,740

different ways in which time flows in

1216

00:45:33,470 --> 00:45:30,599

that sphere of influence in and around

1217

00:45:35,390 --> 00:45:33,480

the craft versus those outside of it and

1218

00:45:37,370 --> 00:45:35,400

based on a number of different cases I

1219

00:45:39,589 --> 00:45:37,380

give examples of both in the extra

1220

00:45:41,450 --> 00:45:39,599

temperature model they're doing both

1221

00:45:43,970 --> 00:45:41,460

they're speeding it up and slowing it

1222

00:45:46,790 --> 00:45:43,980

down so if they have that ability

1223

00:45:50,750 --> 00:45:46,800

to slow down time in and around than

1224

00:45:54,290 --> 00:45:50,760

what we see is a 10 000 G maneuver maybe

1225

00:45:56,630 --> 00:45:54,300

you know 0.5 or 1G to them it may feel

1226
00:46:00,170 --> 00:45:56,640
just like a plane taking a slow Bank as

1227
00:46:01,490 --> 00:46:00,180
it comes off the Runway so and I do I

1228
00:46:02,990 --> 00:46:01,500
think it helps explain that too and

1229
00:46:05,630 --> 00:46:03,000
that's what this x intelligence

1230
00:46:08,150 --> 00:46:05,640
individual told me and whether or not

1231
00:46:10,130 --> 00:46:08,160
they were who they claimed they were

1232
00:46:13,250 --> 00:46:10,140
they wrote to me after my first book

1233
00:46:14,930 --> 00:46:13,260
came out pointed out a very obvious

1234
00:46:15,890 --> 00:46:14,940
thing that I overlooked a point of

1235
00:46:17,690 --> 00:46:15,900
ignorance

1236
00:46:19,250 --> 00:46:17,700
and I was like oh cool that's

1237
00:46:21,530 --> 00:46:19,260
interesting thanks and they were like no

1238
00:46:23,450 --> 00:46:21,540

I don't think you understood what I was

1239

00:46:26,930 --> 00:46:23,460

saying and explained it again and I was

1240

00:46:29,030 --> 00:46:26,940

like oh yeah damn that makes a lot of

1241

00:46:30,710 --> 00:46:29,040

sense and we moved on and I've been

1242

00:46:33,170 --> 00:46:30,720

talking about it since then you know

1243

00:46:34,670 --> 00:46:33,180

it's not something I thought of but once

1244

00:46:36,829 --> 00:46:34,680

they mentioned it and it's been the case

1245

00:46:38,510 --> 00:46:36,839

with all of this research is those and

1246

00:46:39,770 --> 00:46:38,520

this is why I argue that we should all

1247

00:46:42,109 --> 00:46:39,780

be talking to each other and not

1248

00:46:44,329 --> 00:46:42,119

fighting because if we listen to each

1249

00:46:46,910 --> 00:46:44,339

other we all move farther down the field

1250

00:46:48,290 --> 00:46:46,920

faster than if we just stuck it on our

1251
00:46:50,390 --> 00:46:48,300
high horses and think of everything

1252
00:46:51,589 --> 00:46:50,400
figured out but you mentioned that

1253
00:46:54,109 --> 00:46:51,599
there's been a couple other ones like

1254
00:46:56,630 --> 00:46:54,119
the AI thing we talked about earlier I

1255
00:46:58,490 --> 00:46:56,640
overlooked that my first book disease

1256
00:46:59,930 --> 00:46:58,500
transmission was another one I

1257
00:47:02,450 --> 00:46:59,940
overlooked so

1258
00:47:04,550 --> 00:47:02,460
it's important to put things out there

1259
00:47:06,650 --> 00:47:04,560
who doesn't answer everything doesn't

1260
00:47:08,510 --> 00:47:06,660
even come close but the more we have a

1261
00:47:10,849 --> 00:47:08,520
conversation and the more people with

1262
00:47:13,910 --> 00:47:10,859
specific sets of expertise start to

1263
00:47:16,010 --> 00:47:13,920

contribute to that conversation we as a

1264

00:47:17,990 --> 00:47:16,020

whole grow in our Collective knowledge

1265

00:47:19,730 --> 00:47:18,000

and move forward faster and that was

1266

00:47:22,490 --> 00:47:19,740

definitely one of those cases and it's

1267

00:47:24,410 --> 00:47:22,500

so interesting too how so many of these

1268

00:47:27,410 --> 00:47:24,420

things that the craft do seem impossible

1269

00:47:28,730 --> 00:47:27,420

and then people tend to blow them off

1270

00:47:31,010 --> 00:47:28,740

and say well like it can't be real

1271

00:47:33,710 --> 00:47:31,020

because that's not possible and yet like

1272

00:47:35,270 --> 00:47:33,720

you just gave that example I feel like

1273

00:47:36,410 --> 00:47:35,280

you're talking about someone specific

1274

00:47:38,390 --> 00:47:36,420

thing

1275

00:47:40,190 --> 00:47:38,400

I mean that might be maybe it might be

1276

00:47:43,609 --> 00:47:40,200

some tweeting

1277

00:47:45,530 --> 00:47:43,619

maybe but I mean but but with one little

1278

00:47:47,630 --> 00:47:45,540

change like that like with one little

1279

00:47:50,630 --> 00:47:47,640

piece of context or one little idea

1280

00:47:52,130 --> 00:47:50,640

suddenly what is impossible makes so

1281

00:47:53,450 --> 00:47:52,140

much sense and it's like well why would

1282

00:47:55,670 --> 00:47:53,460

we run from something that seems

1283

00:47:57,349 --> 00:47:55,680

impossible why wouldn't we stop and

1284

00:47:59,329 --> 00:47:57,359

talk it through and try to find that

1285

00:48:00,650 --> 00:47:59,339

thing that makes it makes yeah that's

1286

00:48:04,010 --> 00:48:00,660

one of my favorite things about Jeff

1287

00:48:06,470 --> 00:48:04,020

craple at the at race universities he

1288

00:48:09,410 --> 00:48:06,480

addresses The Impossible it's most of

1289

00:48:11,930 --> 00:48:09,420

archives of the impossible a number of

1290

00:48:13,670 --> 00:48:11,940

his books are like well what is what the

1291

00:48:16,970 --> 00:48:13,680

hell is The Impossible it's the stupid

1292

00:48:18,470 --> 00:48:16,980

idea that we have we're in posterity we

1293

00:48:20,510 --> 00:48:18,480

look back on like oh that was actually

1294

00:48:22,849 --> 00:48:20,520

kind of easy and that was the first

1295

00:48:26,030 --> 00:48:22,859

quote jail in heinek In my most recent

1296

00:48:28,490 --> 00:48:26,040

book Revelation was we look back on the

1297

00:48:30,890 --> 00:48:28,500

past it's like we forget that there will

1298

00:48:32,870 --> 00:48:30,900

be a 20th century science in the 30th

1299

00:48:35,150 --> 00:48:32,880

Century science then we look back with

1300

00:48:36,829 --> 00:48:35,160

this arrogance of posterity I don't

1301
00:48:38,329 --> 00:48:36,839
remember the exact words he used but

1302
00:48:42,050 --> 00:48:38,339
it's absolutely true we're talking about

1303
00:48:45,170 --> 00:48:42,060
time frames that are centuries where

1304
00:48:47,329 --> 00:48:45,180
this phenomenon likely stretches tens of

1305
00:48:49,550 --> 00:48:47,339
thousands of years into our future so

1306
00:48:52,069 --> 00:48:49,560
yeah this tiny little blip on their

1307
00:48:54,309 --> 00:48:52,079
radar probably looks ridiculous kind of

1308
00:48:56,630 --> 00:48:54,319
embarrassing for Humanity I guess

1309
00:48:59,390 --> 00:48:56,640
yeah I would not be surprised if that's

1310
00:49:00,650 --> 00:48:59,400
the case with time travel I know that a

1311
00:49:02,930 --> 00:49:00,660
difficulty that a lot of people have

1312
00:49:05,089 --> 00:49:02,940
with it is they have this kind of Back

1313
00:49:07,010 --> 00:49:05,099

to the Future sort of Paradigm around it

1314

00:49:08,569 --> 00:49:07,020

where if you go into the past you could

1315

00:49:11,030 --> 00:49:08,579

potentially create a paradox where maybe

1316

00:49:13,609 --> 00:49:11,040

you wouldn't be born but you've argued

1317

00:49:15,530 --> 00:49:13,619

in your work that the block Universe

1318

00:49:16,609 --> 00:49:15,540

model resolves that Paradox I think

1319

00:49:18,530 --> 00:49:16,619

that's something a lot of people aren't

1320

00:49:20,829 --> 00:49:18,540

familiar with so could you explain what

1321

00:49:23,930 --> 00:49:20,839

the block universe is and how that works

1322

00:49:25,609 --> 00:49:23,940

yeah and you're absolutely right Marty

1323

00:49:29,390 --> 00:49:25,619

McFly ruined

1324

00:49:32,690 --> 00:49:29,400

all of our brains in the 80s and 90s you

1325

00:49:35,390 --> 00:49:32,700

know great movies but definitely didn't

1326

00:49:38,450 --> 00:49:35,400

do anything for how we perceive what is

1327

00:49:40,309 --> 00:49:38,460

likely the way in which time works and

1328

00:49:43,670 --> 00:49:40,319

so yeah like a lot of people get hung up

1329

00:49:45,890 --> 00:49:43,680

on paradoxes and that only exists if

1330

00:49:49,069 --> 00:49:45,900

there is actual change if there can be

1331

00:49:51,950 --> 00:49:49,079

change to the Past however within the

1332

00:49:54,950 --> 00:49:51,960

block Universe model there is no ability

1333

00:49:58,490 --> 00:49:54,960

to change it because the past present

1334

00:50:01,370 --> 00:49:58,500

and future all exist already as one

1335

00:50:04,670 --> 00:50:01,380

massive four-dimensional entity a block

1336

00:50:07,910 --> 00:50:04,680

of all moments in space-time that have

1337

00:50:10,490 --> 00:50:07,920

are and will ever exist so if you go

1338

00:50:12,710 --> 00:50:10,500

back into the past it's not changing

1339

00:50:14,510 --> 00:50:12,720

anything you go to the past as we

1340

00:50:17,510 --> 00:50:14,520

perceive linear time which our brains

1341

00:50:19,309 --> 00:50:17,520

had to develop neuro science has shown

1342

00:50:21,530 --> 00:50:19,319

that we perceive time linearly because

1343

00:50:23,270 --> 00:50:21,540

we have to because if the Tigers running

1344

00:50:24,950 --> 00:50:23,280

at us and we're perceiving time

1345

00:50:26,809 --> 00:50:24,960

backwards we run straight into it

1346

00:50:28,490 --> 00:50:26,819

instead of away from it and there's

1347

00:50:30,530 --> 00:50:28,500

different speeds at which other animals

1348

00:50:33,109 --> 00:50:30,540

perceive time too what I call bio

1349

00:50:35,089 --> 00:50:33,119

relativity because it's not just this

1350

00:50:37,849 --> 00:50:35,099

same perception of time and the speed at

1351
00:50:39,530 --> 00:50:37,859
which things change that we see Donald

1352
00:50:41,210 --> 00:50:39,540
Hoffman's written a lot about this not

1353
00:50:43,730 --> 00:50:41,220
just with the perception of time but

1354
00:50:45,230 --> 00:50:43,740
colors textures feels everything so

1355
00:50:47,270 --> 00:50:45,240
we've evolved to have a linear

1356
00:50:50,390 --> 00:50:47,280
perception of time unfortunately that's

1357
00:50:51,770 --> 00:50:50,400
really limited our ability to see beyond

1358
00:50:53,809 --> 00:50:51,780
that and you're right this is the big

1359
00:50:56,030 --> 00:50:53,819
hangout for people I think I've probably

1360
00:50:57,770 --> 00:50:56,040
explained block time more than anything

1361
00:50:59,210 --> 00:50:57,780
else in any conversation I've had

1362
00:51:02,270 --> 00:50:59,220
because it's important to understand

1363
00:51:04,309 --> 00:51:02,280

it's not just my idea either it's the

1364

00:51:06,349 --> 00:51:04,319

most conventionally held understanding

1365

00:51:08,690 --> 00:51:06,359

of how the universe works earlier I

1366

00:51:11,089 --> 00:51:08,700

mentioned that we still don't know what

1367

00:51:12,710 --> 00:51:11,099

time is it's not fundamental it's an

1368

00:51:14,089 --> 00:51:12,720

emergent phenomenon it comes from

1369

00:51:15,710 --> 00:51:14,099

something that is fundamental that we

1370

00:51:16,970 --> 00:51:15,720

don't yet understand so we could

1371

00:51:19,910 --> 00:51:16,980

potentially

1372

00:51:21,710 --> 00:51:19,920

alter this knowledge to expand beyond

1373

00:51:23,750 --> 00:51:21,720

the block universe but currently this is

1374

00:51:26,809 --> 00:51:23,760

what we have and it does make a lot of

1375

00:51:28,970 --> 00:51:26,819

sense and within this it doesn't allow

1376

00:51:30,530 --> 00:51:28,980

for paradoxes in the way that they're

1377

00:51:33,049 --> 00:51:30,540

often perceived because you go back into

1378

00:51:35,329 --> 00:51:33,059

the past you do whatever you're doing

1379

00:51:37,970 --> 00:51:35,339

you're not changing anything you're just

1380

00:51:40,089 --> 00:51:37,980

doing what you already did in that past

1381

00:51:42,589 --> 00:51:40,099

period you come back to the future

1382

00:51:44,750 --> 00:51:42,599

everybody's heads aren't made out of

1383

00:51:46,130 --> 00:51:44,760

donuts they're the exact same as they

1384

00:51:49,069 --> 00:51:46,140

were because you had already done those

1385

00:51:50,150 --> 00:51:49,079

things before that moment in time it's

1386

00:51:52,309 --> 00:51:50,160

already there

1387

00:51:54,589 --> 00:51:52,319

it just took you still going to do it

1388

00:51:57,290 --> 00:51:54,599

and nothing changes it's still all a

1389

00:51:59,930 --> 00:51:57,300

part of this massive landscape of time

1390

00:52:02,270 --> 00:51:59,940

that we can't see because we see this

1391

00:52:04,190 --> 00:52:02,280

sort of linear flow to it but the past

1392

00:52:06,290 --> 00:52:04,200

present future are all there they're all

1393

00:52:07,849 --> 00:52:06,300

part of that massive block and we feel

1394

00:52:09,890 --> 00:52:07,859

the present even though it doesn't exist

1395

00:52:12,290 --> 00:52:09,900

this is one of Einstein's big Hang-Ups

1396

00:52:14,329 --> 00:52:12,300

that he there's no way to quantify now

1397

00:52:16,490 --> 00:52:14,339

and there's a reason it doesn't exist

1398

00:52:18,109 --> 00:52:16,500

because presentism doesn't exist it

1399

00:52:20,390 --> 00:52:18,119

doesn't explain the universe that we

1400

00:52:22,670 --> 00:52:20,400

live in but the block Universe seemingly

1401
00:52:25,069 --> 00:52:22,680
does and if you look at this interaction

1402
00:52:27,290 --> 00:52:25,079
with different time periods these future

1403
00:52:28,970 --> 00:52:27,300
humans are likely doing they don't get

1404
00:52:30,770 --> 00:52:28,980
home after these missions and see

1405
00:52:32,870 --> 00:52:30,780
everything as being different they get

1406
00:52:34,910 --> 00:52:32,880
home and it's all the same they just

1407
00:52:37,250 --> 00:52:34,920
went and did all the things that were

1408
00:52:38,990 --> 00:52:37,260
already in those parts of space-time so

1409
00:52:41,030 --> 00:52:39,000
it's only once you get into the many

1410
00:52:44,089 --> 00:52:41,040
worlds interpretation and different

1411
00:52:46,069 --> 00:52:44,099
branching timelines and multiverses that

1412
00:52:47,510 --> 00:52:46,079
you do have the opportunity for Paradox

1413
00:52:49,670 --> 00:52:47,520

you then have to start asking those

1414

00:52:52,010 --> 00:52:49,680

questions about well what about this

1415

00:52:53,809 --> 00:52:52,020

timeline that timeline or they jump in

1416

00:52:56,329 --> 00:52:53,819

between them can they get back to their

1417

00:52:58,430 --> 00:52:56,339

realm do they want to why don't we see

1418

00:52:59,750 --> 00:52:58,440

future humans constantly coming back

1419

00:53:01,010 --> 00:52:59,760

trying to change things because they

1420

00:53:02,329 --> 00:53:01,020

screwed up the timeline by doing

1421

00:53:04,309 --> 00:53:02,339

something they thought would be good and

1422

00:53:06,589 --> 00:53:04,319

it's bad they expect all these time Wars

1423

00:53:09,230 --> 00:53:06,599

and things that we just don't see so I

1424

00:53:11,329 --> 00:53:09,240

do think the block Universe model is not

1425

00:53:13,549 --> 00:53:11,339

only accurate you know I don't

1426

00:53:15,410 --> 00:53:13,559

argue for this because I do think it

1427

00:53:18,049 --> 00:53:15,420

helps explain the phenomenon it's just

1428

00:53:20,270 --> 00:53:18,059

what we agree on is the fabric of

1429

00:53:22,970 --> 00:53:20,280

reality at this point but again that can

1430

00:53:25,670 --> 00:53:22,980

all change yeah

1431

00:53:27,470 --> 00:53:25,680

so if our descendants aren't necessarily

1432

00:53:30,190 --> 00:53:27,480

coming back to change things there's not

1433

00:53:32,569 --> 00:53:30,200

like some epic time war going on then

1434

00:53:34,549 --> 00:53:32,579

why are they coming back what are the

1435

00:53:37,309 --> 00:53:34,559

ideas about that that you think are most

1436

00:53:39,230 --> 00:53:37,319

compelling well I always get out in

1437

00:53:40,730 --> 00:53:39,240

front of that question by acknowledging

1438

00:53:43,190 --> 00:53:40,740

my biases

1439

00:53:45,770 --> 00:53:43,200

because as an anthropologist that's what

1440

00:53:47,690 --> 00:53:45,780

we want to do in our classes all the

1441

00:53:48,470 --> 00:53:47,700

time I say well if only we had a time

1442

00:53:50,210 --> 00:53:48,480

machine

1443

00:53:52,970 --> 00:53:50,220

we could know these are our best

1444

00:53:55,130 --> 00:53:52,980

theories based on the evidence based on

1445

00:53:58,490 --> 00:53:55,140

the fossil record based on the toolkit

1446

00:53:59,870 --> 00:53:58,500

of our ancestors but we can't know until

1447

00:54:01,670 --> 00:53:59,880

they tell us

1448

00:54:05,390 --> 00:54:01,680

but based on the behaviors that are

1449

00:54:08,150 --> 00:54:05,400

reported there are seemingly a research

1450

00:54:10,910 --> 00:54:08,160

component to it these abductions look at

1451

00:54:13,930 --> 00:54:10,920

John Mack look at Kathleen Martin's

1452

00:54:16,370 --> 00:54:13,940

they've both listed like very specific

1453

00:54:18,230 --> 00:54:16,380

descriptions of what contact you

1454

00:54:19,490 --> 00:54:18,240

experience independently and they're

1455

00:54:21,770 --> 00:54:19,500

almost identical

1456

00:54:23,930 --> 00:54:21,780

and that indicates to me and should

1457

00:54:25,790 --> 00:54:23,940

indicate to others that there are

1458

00:54:27,190 --> 00:54:25,800

patterns there there are things we can

1459

00:54:30,829 --> 00:54:27,200

learn from those

1460

00:54:34,010 --> 00:54:30,839

and they seemingly are scientific it

1461

00:54:35,809 --> 00:54:34,020

seems to be researched based at least in

1462

00:54:37,609 --> 00:54:35,819

these time periods where people are

1463

00:54:39,230 --> 00:54:37,619

being abducted out maybe a whole

1464

00:54:41,630 --> 00:54:39,240

different thing that they're doing even

1465

00:54:43,609 --> 00:54:41,640

200 years ago were creating religions

1466

00:54:45,770 --> 00:54:43,619

two thousand years ago or whatever but

1467

00:54:47,690 --> 00:54:45,780

what it seems like in this time period

1468

00:54:51,290 --> 00:54:47,700

is that it's research based and it's

1469

00:54:54,230 --> 00:54:51,300

also a Gammy collection Endeavor on a

1470

00:54:56,270 --> 00:54:54,240

massive scale that they're collecting

1471

00:55:00,170 --> 00:54:56,280

sperm for men and collecting eggs from

1472

00:55:03,170 --> 00:55:00,180

women and that is seemingly Paramount

1473

00:55:05,450 --> 00:55:03,180

what that means harder to say but that

1474

00:55:08,150 --> 00:55:05,460

is a pattern that we can identify a very

1475

00:55:10,250 --> 00:55:08,160

very recurrent pattern and a lot of

1476
00:55:12,770 --> 00:55:10,260
people ask me well so what are they

1477
00:55:14,870 --> 00:55:12,780
doing to us why do they want all of

1478
00:55:17,390 --> 00:55:14,880
these sex cells and I don't think it's

1479
00:55:18,349 --> 00:55:17,400
for us I'm of the belief that it's for

1480
00:55:20,569 --> 00:55:18,359
them

1481
00:55:23,410 --> 00:55:20,579
it's something about the future that

1482
00:55:26,210 --> 00:55:23,420
they require past human

1483
00:55:28,370 --> 00:55:26,220
dna4 and it was interesting having

1484
00:55:29,870 --> 00:55:28,380
written a whole section about that my

1485
00:55:31,910 --> 00:55:29,880
first book and then learning about Jim

1486
00:55:34,069 --> 00:55:31,920
peniston's encounter and he said

1487
00:55:36,890 --> 00:55:34,079
something almost identical to which he

1488
00:55:38,750 --> 00:55:36,900

was told by them really quickly I'm like

1489

00:55:40,730 --> 00:55:38,760

a week before publication

1490

00:55:42,470 --> 00:55:40,740

trying to add that again it's not cherry

1491

00:55:44,390 --> 00:55:42,480

picking it's not selection bias but

1492

00:55:48,109 --> 00:55:44,400

that's an important thing when I

1493

00:55:50,089 --> 00:55:48,119

independently observed this across these

1494

00:55:52,250 --> 00:55:50,099

different content cases and he was

1495

00:55:54,410 --> 00:55:52,260

allegedly told by them

1496

00:55:56,390 --> 00:55:54,420

let's put those together maybe those fit

1497

00:55:59,210 --> 00:55:56,400

together for a reason that that happened

1498

00:56:00,950 --> 00:55:59,220

a week before I published this book so I

1499

00:56:03,049 --> 00:56:00,960

don't have to sell synchronicities to

1500

00:56:05,690 --> 00:56:03,059

your audience probably I'm sure they

1501
00:56:07,970 --> 00:56:05,700
experienced them on a regular basis but

1502
00:56:10,490 --> 00:56:07,980
yeah I do think it's research based I

1503
00:56:12,470 --> 00:56:10,500
think it's studying us and our society

1504
00:56:14,990 --> 00:56:12,480
and our culture because you can do that

1505
00:56:17,990 --> 00:56:15,000
much better with living humans than you

1506
00:56:20,750 --> 00:56:18,000
can with fossils and I think it's also

1507
00:56:23,210 --> 00:56:20,760
them collecting our DNA for whatever

1508
00:56:25,250 --> 00:56:23,220
reason I list a number of them in both

1509
00:56:27,049 --> 00:56:25,260
books so it won't go down that rabbit

1510
00:56:29,569 --> 00:56:27,059
hole again yeah it's interesting because

1511
00:56:31,730 --> 00:56:29,579
even in our modern day we're seeing a

1512
00:56:34,069 --> 00:56:31,740
rise in fertility issues we're seeing

1513
00:56:36,230 --> 00:56:34,079

lower sperm counts in men so it could be

1514

00:56:38,270 --> 00:56:36,240

if that Trend continues suddenly

1515

00:56:40,790 --> 00:56:38,280

furbishing that material

1516

00:56:43,130 --> 00:56:40,800

doesn't seem so crazy

1517

00:56:44,870 --> 00:56:43,140

yeah and that's all I try to do in these

1518

00:56:47,450 --> 00:56:44,880

books like you can't predict the future

1519

00:56:49,670 --> 00:56:47,460

we can maybe observe things from the

1520

00:56:51,890 --> 00:56:49,680

future and that's why it pisses me off

1521

00:56:54,829 --> 00:56:51,900

when people are like well this is

1522

00:56:56,630 --> 00:56:54,839

speculation it's not because we're

1523

00:56:58,490 --> 00:56:56,640

observing things again it's this

1524

00:57:00,250 --> 00:56:58,500

disconnect I see it so much teaching in

1525

00:57:02,150 --> 00:57:00,260

engineering school one of the top

1526

00:57:04,609 --> 00:57:02,160

engineering schools in the Pacific

1527

00:57:08,270 --> 00:57:04,619

Northwest where everybody is so locked

1528

00:57:11,210 --> 00:57:08,280

in to quantitative research methods and

1529

00:57:14,630 --> 00:57:11,220

a controlled lab or all factors are

1530

00:57:17,809 --> 00:57:14,640

controlled for that's one part of

1531

00:57:19,730 --> 00:57:17,819

scientific research but there's also a

1532

00:57:22,790 --> 00:57:19,740

huge another part that you're ignoring

1533

00:57:25,370 --> 00:57:22,800

and sort of trying to belittle in

1534

00:57:26,930 --> 00:57:25,380

looking at this relationship or the way

1535

00:57:28,309 --> 00:57:26,940

that science is conducted so it kind of

1536

00:57:30,829 --> 00:57:28,319

pisses me off because we're talking

1537

00:57:32,450 --> 00:57:30,839

about observational research here and

1538

00:57:35,750 --> 00:57:32,460

observing these things these patterns

1539

00:57:37,430 --> 00:57:35,760

across things and if they are from the

1540

00:57:39,650 --> 00:57:37,440

future we should be able to glean that

1541

00:57:42,170 --> 00:57:39,660

and it would indicate some things about

1542

00:57:43,430 --> 00:57:42,180

our future by taking them seriously and

1543

00:57:45,950 --> 00:57:43,440

studying them and looking for these

1544

00:57:48,290 --> 00:57:45,960

patterns across them knowing that one

1545

00:57:50,210 --> 00:57:48,300

thing I really tried to avoid was

1546

00:57:52,250 --> 00:57:50,220

predicting what's going to happen

1547

00:57:53,030 --> 00:57:52,260

between now and then I hear this all the

1548

00:57:54,230 --> 00:57:53,040

time well we're going to live

1549

00:57:55,730 --> 00:57:54,240

underground or we'll live in space

1550

00:57:57,950 --> 00:57:55,740

there's a ton of YouTube videos where

1551

00:57:59,930 --> 00:57:57,960

they sort of take these ideas and go

1552

00:58:02,089 --> 00:57:59,940

there because I don't and I don't for a

1553

00:58:03,589 --> 00:58:02,099

reason because we can't know we can't

1554

00:58:06,770 --> 00:58:03,599

know what happens between now and then

1555

00:58:08,930 --> 00:58:06,780

to create this craniofacial form so as

1556

00:58:11,329 --> 00:58:08,940

you mentioned it's important to look at

1557

00:58:13,670 --> 00:58:11,339

Trends long-term trends that we can

1558

00:58:16,069 --> 00:58:13,680

identify in the present and throughout

1559

00:58:18,530 --> 00:58:16,079

the recent and very distant past and if

1560

00:58:21,290 --> 00:58:18,540

those continue we're likely to see this

1561

00:58:23,809 --> 00:58:21,300

that or the other so yeah we should

1562

00:58:25,730 --> 00:58:23,819

absolutely focus on those fertility and

1563

00:58:27,710 --> 00:58:25,740

vacinity Trends in the context of this

1564

00:58:30,410 --> 00:58:27,720

question but at any point anything could

1565

00:58:32,870 --> 00:58:30,420

change we can't say for sure the only

1566

00:58:35,150 --> 00:58:32,880

one I would really hang my hat on is the

1567

00:58:37,609 --> 00:58:35,160

cranial facial change the runaway brain

1568

00:58:40,010 --> 00:58:37,619

that one perseveres throughout

1569

00:58:41,690 --> 00:58:40,020

potentially eight million years of human

1570

00:58:42,650 --> 00:58:41,700

evolution regardless of what we're doing

1571

00:58:45,589 --> 00:58:42,660

and where

1572

00:58:47,809 --> 00:58:45,599

and yeah I don't see that one changing

1573

00:58:49,130 --> 00:58:47,819

simply because we became aware of it I

1574

00:58:50,750 --> 00:58:49,140

think there's probably something deeper

1575

00:58:52,549 --> 00:58:50,760

going on there but yeah Trends are

1576

00:58:54,190 --> 00:58:52,559

important patterns are important you

1577

00:58:56,809 --> 00:58:54,200

should pay attention to them and stop

1578

00:58:58,789 --> 00:58:56,819

elevating lab-based quantitative

1579

00:59:00,829 --> 00:58:58,799

research over all others because it's a

1580

00:59:02,630 --> 00:59:00,839

very narrow view of science

1581

00:59:05,089 --> 00:59:02,640

yeah absolutely

1582

00:59:07,069 --> 00:59:05,099

so to switch gears a little bit you also

1583

00:59:09,530 --> 00:59:07,079

have a new book out called Revelation

1584

00:59:11,870 --> 00:59:09,540

the future human past which is a

1585

00:59:13,490 --> 00:59:11,880

satirical science fiction novel the book

1586

00:59:15,829 --> 00:59:13,500

is really interesting with lots of big

1587

00:59:18,710 --> 00:59:15,839

ideas and food for thought and it's also

1588

00:59:20,089 --> 00:59:18,720

deeply irreverent and really funny I was

1589

00:59:22,309 --> 00:59:20,099

reading it on an airplane this weekend

1590

00:59:24,109 --> 00:59:22,319

and I think I completely annoyed the

1591

00:59:26,270 --> 00:59:24,119

person sitting next to this or there's

1592

00:59:27,589 --> 00:59:26,280

some LOL moments right because I thought

1593

00:59:29,630 --> 00:59:27,599

you were going to say erotic which

1594

00:59:31,130 --> 00:59:29,640

should also kind of is it is a little

1595

00:59:32,089 --> 00:59:31,140

erotic I'll give you that I'll give you

1596

00:59:35,630 --> 00:59:32,099

that

1597

00:59:38,030 --> 00:59:35,640

um but so our contact experiences though

1598

00:59:39,890 --> 00:59:38,040

exactly can you talk a little bit more

1599

00:59:41,750 --> 00:59:39,900

about the book and just what inspired

1600

00:59:43,250 --> 00:59:41,760

you to write it yeah I'd love to it's

1601
00:59:44,990 --> 00:59:43,260
actually the first time I've gotten a

1602
00:59:47,450 --> 00:59:45,000
chance to talk about it so it was

1603
00:59:51,430 --> 00:59:47,460
inspired I did a talk at the eslin

1604
00:59:54,230 --> 00:59:51,440
institute in Big Sur California in July

1605
00:59:57,049 --> 00:59:54,240
and one of the co-founders Michael

1606
00:59:58,609 --> 00:59:57,059
Murphy came up to me after my talk and

1607
01:00:01,250 --> 00:59:58,619
he's like man I've had so many UFO

1608
01:00:03,950 --> 01:00:01,260
people through here and I call

1609
01:00:05,809 --> 01:00:03,960
on all of it I've given up on UFOs but

1610
01:00:07,910 --> 01:00:05,819
you know listening you talk about this

1611
01:00:09,890 --> 01:00:07,920
future human idea just it makes a lot of

1612
01:00:13,089 --> 01:00:09,900
sense it checks a lot of boxes

1613
01:00:16,490 --> 01:00:13,099

but I'm curious hey have there been any

1614

01:00:19,549 --> 01:00:16,500

studies of sex and music specifically

1615

01:00:21,589 --> 01:00:19,559

like what can we learn about the

1616

01:00:22,990 --> 01:00:21,599

potential future human or aliens if

1617

01:00:26,150 --> 01:00:23,000

they're extraterrestrial or whatever

1618

01:00:27,829 --> 01:00:26,160

about sex and music I was like there's

1619

01:00:30,589 --> 01:00:27,839

been some cases with some pretty hot

1620

01:00:32,690 --> 01:00:30,599

stuff going down but as far as a study

1621

01:00:33,710 --> 01:00:32,700

of that I don't know I was like I'll get

1622

01:00:36,589 --> 01:00:33,720

back to you

1623

01:00:38,870 --> 01:00:36,599

so I went through just I don't even know

1624

01:00:42,230 --> 01:00:38,880

how many cases across all these

1625

01:00:44,450 --> 01:00:42,240

different databases and you can find an

1626
01:00:46,069 --> 01:00:44,460
anecdotal accounts of like yeah and then

1627
01:00:48,109 --> 01:00:46,079
this happened and obviously the sperm

1628
01:00:51,109 --> 01:00:48,119
extractions as ubiquitous but that's not

1629
01:00:52,789 --> 01:00:51,119
sex that's not that interaction on some

1630
01:00:55,190 --> 01:00:52,799
spiritual level

1631
01:00:56,690 --> 01:00:55,200
and yeah I kind of got frustrated I

1632
01:00:58,490 --> 01:00:56,700
couldn't find anything

1633
01:01:00,770 --> 01:00:58,500
so I thought it'd be fun to write a book

1634
01:01:03,349 --> 01:01:00,780
where that was sort of a corner piece of

1635
01:01:07,130 --> 01:01:03,359
it and how we

1636
01:01:11,329 --> 01:01:07,140
see sex now and how they

1637
01:01:13,730 --> 01:01:11,339
potentially see it as a really cognitive

1638
01:01:16,490 --> 01:01:13,740

spiritual interaction which we can feel

1639

01:01:18,589 --> 01:01:16,500

too but also what that might mean for

1640

01:01:21,710 --> 01:01:18,599

research if they're coming back to study

1641

01:01:23,930 --> 01:01:21,720

that from the future so I sort of split

1642

01:01:26,329 --> 01:01:23,940

the script a little bit instead of us

1643

01:01:28,370 --> 01:01:26,339

studying that about them I was like what

1644

01:01:30,829 --> 01:01:28,380

if they were studying that about us

1645

01:01:32,750 --> 01:01:30,839

and then yeah like just religion's

1646

01:01:34,010 --> 01:01:32,760

really interesting part of it that keeps

1647

01:01:35,510 --> 01:01:34,020

getting mentioned like one of the

1648

01:01:36,950 --> 01:01:35,520

hardest things about disclosure is going

1649

01:01:38,630 --> 01:01:36,960

to be for religious people

1650

01:01:41,329 --> 01:01:38,640

I was like well I'll write a book to

1651
01:01:43,309 --> 01:01:41,339
help religious people so they can you

1652
01:01:45,710 --> 01:01:43,319
know kind of get ahead of that and get a

1653
01:01:48,230 --> 01:01:45,720
foot in the door so when things drop

1654
01:01:50,089 --> 01:01:48,240
they're like oh okay it was future

1655
01:01:52,549 --> 01:01:50,099
humans

1656
01:01:54,890 --> 01:01:52,559
uh I'm being a little snarky and saying

1657
01:01:59,210 --> 01:01:54,900
that but so no it was just this kind of

1658
01:02:01,190 --> 01:01:59,220
combination of his questions and also

1659
01:02:02,870 --> 01:02:01,200
satire is just fun I think a lot of

1660
01:02:04,670 --> 01:02:02,880
people read this and think oh Masters

1661
01:02:06,530 --> 01:02:04,680
was some kind of bleeding heart liberal

1662
01:02:09,170 --> 01:02:06,540
or something but I'm actually pretty

1663
01:02:10,910 --> 01:02:09,180

middle of the road when it comes to

1664

01:02:13,309 --> 01:02:10,920

politics I'm certainly a social

1665

01:02:16,190 --> 01:02:13,319

Progressive and I think we all should be

1666

01:02:17,930 --> 01:02:16,200

and I think that is the future of

1667

01:02:19,609 --> 01:02:17,940

humanity I think we're moving in that

1668

01:02:22,190 --> 01:02:19,619

direction and have been for a long time

1669

01:02:24,109 --> 01:02:22,200

to increased empathy and acknowledgment

1670

01:02:26,030 --> 01:02:24,119

of the other in whichever way of

1671

01:02:28,910 --> 01:02:26,040

conceptualized that whether it be gender

1672

01:02:31,190 --> 01:02:28,920

or race or ethnicity or whatever

1673

01:02:34,549 --> 01:02:31,200

but with satire you can kind of go

1674

01:02:35,930 --> 01:02:34,559

farther and you can call on a

1675

01:02:38,809 --> 01:02:35,940

lot of things that are just clearly

1676

01:02:40,789 --> 01:02:38,819

hypocritical and so I think the book was

1677

01:02:43,190 --> 01:02:40,799

a combination of all of those where it's

1678

01:02:45,049 --> 01:02:43,200

pushing Humanity forward where we're

1679

01:02:47,930 --> 01:02:45,059

seemingly going based on past Trends

1680

01:02:48,950 --> 01:02:47,940

again with regard to empathy and this

1681

01:02:51,650 --> 01:02:48,960

way of

1682

01:02:53,450 --> 01:02:51,660

being more accepting which clearly we

1683

01:02:56,450 --> 01:02:53,460

have been Jim Crow laws were 60 years

1684

01:02:59,150 --> 01:02:56,460

ago slavery was just like a hundred and

1685

01:03:01,250 --> 01:02:59,160

some so it wasn't that long ago that we

1686

01:03:02,630 --> 01:03:01,260

were complete to each other and

1687

01:03:04,910 --> 01:03:02,640

I think we're moving in Direction we'll

1688

01:03:06,710 --> 01:03:04,920

where we'll be less and less to

1689

01:03:08,690 --> 01:03:06,720

each other and we'll recognize a lot of

1690

01:03:11,450 --> 01:03:08,700

that was the product of religion

1691

01:03:12,950 --> 01:03:11,460

you wrote the book in dialogue I'm just

1692

01:03:16,549 --> 01:03:12,960

curious about that choice and what led

1693

01:03:21,829 --> 01:03:19,069

well I don't really feel like it was a

1694

01:03:24,049 --> 01:03:21,839

decision I just started writing and then

1695

01:03:25,849 --> 01:03:24,059

I realized about halfway through that

1696

01:03:28,130 --> 01:03:25,859

there was no narration and that

1697

01:03:31,730 --> 01:03:28,140

narration has always kind of bugged me

1698

01:03:34,130 --> 01:03:31,740

because I I would like to imagine things

1699

01:03:35,930 --> 01:03:34,140

myself I don't want to be told who this

1700

01:03:38,150 --> 01:03:35,940

individual is or what this scene looks

1701

01:03:40,069 --> 01:03:38,160

like I want to imagine it you know so

1702

01:03:42,530 --> 01:03:40,079

that things are described I'm not

1703

01:03:44,270 --> 01:03:42,540

describing in detail every small part of

1704

01:03:46,910 --> 01:03:44,280

every scene at all but you get a sense

1705

01:03:48,470 --> 01:03:46,920

of where it's taking place and when and

1706

01:03:52,010 --> 01:03:48,480

then you can create your own imagery

1707

01:03:54,109 --> 01:03:52,020

around that I got lucky because I didn't

1708

01:03:54,890 --> 01:03:54,119

realize that books weren't written like

1709

01:03:58,789 --> 01:03:54,900

that

1710

01:04:01,730 --> 01:03:58,799

but there is this show called

1711

01:04:03,829 --> 01:04:01,740

Daisy Jones and the six or something

1712

01:04:06,410 --> 01:04:03,839

like well it's Elvis Presley's

1713

01:04:08,210 --> 01:04:06,420

granddaughter and I saw her on Stephen

1714

01:04:10,430 --> 01:04:08,220

Colbert's show

1715

01:04:12,710 --> 01:04:10,440

and she was talking about precognition

1716

01:04:15,349 --> 01:04:12,720

and how she's had it her whole life and

1717

01:04:17,690 --> 01:04:15,359

I was she's an advocate for precognition

1718

01:04:19,730 --> 01:04:17,700

I've had it my whole life too and so I

1719

01:04:22,250 --> 01:04:19,740

was really interested in this and then

1720

01:04:24,589 --> 01:04:22,260

watched this clip they showed from this

1721

01:04:26,630 --> 01:04:24,599

Daisy Jones and the sixth show or I'm

1722

01:04:28,609 --> 01:04:26,640

probably bastardizing the name of it and

1723

01:04:29,510 --> 01:04:28,619

it was about precognition in the show

1724

01:04:32,210 --> 01:04:29,520

too

1725

01:04:35,150 --> 01:04:32,220

so that was a nice little thing to see

1726

01:04:38,270 --> 01:04:35,160

but then we're getting ready for this

1727

01:04:40,069 --> 01:04:38,280

trip to go to Europe and my wife picked

1728

01:04:42,710 --> 01:04:40,079

up a copy of the book that I guess this

1729

01:04:46,849 --> 01:04:42,720

show is based on as they often times are

1730

01:04:48,890 --> 01:04:46,859

and we're in Europe and I got a little

1731

01:04:50,470 --> 01:04:48,900

break in Paris for the first week then

1732

01:04:54,170 --> 01:04:50,480

we headed south through the door down

1733

01:04:56,150 --> 01:04:54,180

and onto the Mediterranean and my editor

1734

01:04:59,390 --> 01:04:56,160

sent the manuscript back like dude

1735

01:05:01,609 --> 01:04:59,400

nobody's gonna have any idea who is

1736

01:05:03,049 --> 01:05:01,619

talking at any point in this book you

1737

01:05:05,030 --> 01:05:03,059

know one of my Beta readers it kind of

1738

01:05:06,890 --> 01:05:05,040

indicated that too and I was like no I

1739

01:05:08,690 --> 01:05:06,900

know I just don't know what to do turns

1740

01:05:10,730 --> 01:05:08,700

out that entire book

1741

01:05:13,190 --> 01:05:10,740

is written as dialogue

1742

01:05:14,329 --> 01:05:13,200

in the exact same way and my wife you

1743

01:05:15,710 --> 01:05:14,339

know I'm laying in bed I'm like my

1744

01:05:17,630 --> 01:05:15,720

editor just said this I don't know how

1745

01:05:19,010 --> 01:05:17,640

to finish this book now and she's like

1746

01:05:20,030 --> 01:05:19,020

actually that one we brought that we

1747

01:05:22,250 --> 01:05:20,040

were carrying around that nobody ever

1748

01:05:23,750 --> 01:05:22,260

read the entire time we're in Europe was

1749

01:05:25,730 --> 01:05:23,760

written that exact same way and opened

1750

01:05:27,289 --> 01:05:25,740

it up I said holy oh yeah that's

1751

01:05:29,150 --> 01:05:27,299

perfect I just put their names in front

1752

01:05:31,010 --> 01:05:29,160

of it like they did in this book so

1753

01:05:33,289 --> 01:05:31,020

there is precedent for it I guess I

1754

01:05:35,569 --> 01:05:33,299

didn't learn that until after the fact

1755

01:05:38,390 --> 01:05:35,579

but yeah it's being turned into an

1756

01:05:40,789 --> 01:05:38,400

audiobook right now by a couple of voice

1757

01:05:42,230 --> 01:05:40,799

actors and they're excited about that

1758

01:05:43,430 --> 01:05:42,240

you know because they just get to act

1759

01:05:45,530 --> 01:05:43,440

the whole thing

1760

01:05:48,170 --> 01:05:45,540

has just been those people in those

1761

01:05:50,089 --> 01:05:48,180

moments and saying those words and

1762

01:05:51,650 --> 01:05:50,099

putting their own twist on it but I

1763

01:05:53,569 --> 01:05:51,660

don't know it was intentional it just

1764

01:05:54,829 --> 01:05:53,579

came out that way well I really liked it

1765

01:05:57,170 --> 01:05:54,839

I thought it was really effective

1766

01:05:59,390 --> 01:05:57,180

without giving the plot away but the

1767

01:06:02,750 --> 01:05:59,400

story starts in such a very grounded

1768

01:06:06,230 --> 01:06:02,760

sort of place and then slowly kind of

1769

01:06:07,670 --> 01:06:06,240

slips into this more surreal reality and

1770

01:06:08,990 --> 01:06:07,680

I thought that because you weren't

1771

01:06:11,089 --> 01:06:09,000

getting all these like intricate

1772

01:06:13,069 --> 01:06:11,099

descriptions of everything it made it a

1773

01:06:14,329 --> 01:06:13,079

little bit more dream like and a little

1774

01:06:16,010 --> 01:06:14,339

bit more interesting I just thought it

1775

01:06:18,109 --> 01:06:16,020

was cool I think it was the right choice

1776

01:06:20,630 --> 01:06:18,119

the rest book it's great I'm glad to

1777

01:06:21,849 --> 01:06:20,640

hear you say that because I didn't do it

1778

01:06:23,990 --> 01:06:21,859

on purpose

1779

01:06:25,970 --> 01:06:24,000

and you never know something's gonna

1780

01:06:27,529 --> 01:06:25,980

turn out when you kind of buck a trend

1781

01:06:29,630 --> 01:06:27,539

like that and just right like I was

1782

01:06:31,010 --> 01:06:29,640

aware that most books have narration but

1783

01:06:32,690 --> 01:06:31,020

yeah I just I felt like it worked for

1784

01:06:35,630 --> 01:06:32,700

this too and there's enough character

1785

01:06:37,910 --> 01:06:35,640

switches and enough it I didn't go too

1786

01:06:39,589 --> 01:06:37,920

crazy with characters because you do

1787

01:06:41,329 --> 01:06:39,599

have to follow along with who's saying

1788

01:06:44,690 --> 01:06:41,339

what but that made the characters maybe

1789

01:06:46,670 --> 01:06:44,700

a little richer some more relatable some

1790

01:06:48,770 --> 01:06:46,680

that you can hate more and then obvious

1791

01:06:50,990 --> 01:06:48,780

with any Arc of a character those things

1792

01:06:52,370 --> 01:06:51,000

change but yeah it's hard because

1793

01:06:54,410 --> 01:06:52,380

there's so many things I want to say

1794

01:06:56,029 --> 01:06:54,420

like you said you can't because you

1795

01:06:58,309 --> 01:06:56,039

don't want to give away the storyline

1796

01:07:00,829 --> 01:06:58,319

and some of the twists and turns but I

1797

01:07:03,529 --> 01:07:00,839

do think that people who follow the UFO

1798

01:07:05,930 --> 01:07:03,539

phenomenon will enjoy a lot of the

1799

01:07:08,150 --> 01:07:05,940

Easter eggs and some of the not just

1800

01:07:11,630 --> 01:07:08,160

references but themes like the whole

1801
01:07:13,309 --> 01:07:11,640
cataclysm thing there was another just a

1802
01:07:16,010 --> 01:07:13,319
backtrack that was another

1803
01:07:17,809 --> 01:07:16,020
kind of main reason for writing it is

1804
01:07:19,670 --> 01:07:17,819
that whole idea about what if there are

1805
01:07:22,490 --> 01:07:19,680
two different groups of future humans

1806
01:07:23,930 --> 01:07:22,500
like Frank Melbourne and Roscoe art have

1807
01:07:25,670 --> 01:07:23,940
been talking about for a long time and

1808
01:07:27,109 --> 01:07:25,680
I've been asked about that too I've been

1809
01:07:29,270 --> 01:07:27,119
in contact with some of these people as

1810
01:07:31,130 --> 01:07:29,280
well what if that is the case what does

1811
01:07:33,470 --> 01:07:31,140
that look like in the context of our

1812
01:07:34,789 --> 01:07:33,480
future what might that mean for Humanity

1813
01:07:37,250 --> 01:07:34,799

and I think that is an important

1814

01:07:40,250 --> 01:07:37,260

question and in writing a satirical

1815

01:07:41,930 --> 01:07:40,260

science fiction book you're putting

1816

01:07:44,270 --> 01:07:41,940

things out there that

1817

01:07:45,950 --> 01:07:44,280

might make sense that might be complete

1818

01:07:47,750 --> 01:07:45,960

nonsense but you have the freedom to do

1819

01:07:49,849 --> 01:07:47,760

that and that was a really fun part

1820

01:07:51,650 --> 01:07:49,859

about writing this well it's really

1821

01:07:53,690 --> 01:07:51,660

awesome I can't recommend it enough and

1822

01:07:55,309 --> 01:07:53,700

it's a super fun read and I hope

1823

01:07:57,049 --> 01:07:55,319

Hollywood comes knocking for you because

1824

01:07:58,730 --> 01:07:57,059

it felt to me I'm like this maybe

1825

01:07:59,990 --> 01:07:58,740

because it was in that dialogue form but

1826

01:08:02,750 --> 01:08:00,000

I'm like oh my gosh this would be it

1827

01:08:04,250 --> 01:08:02,760

creepy it would be very adeptable I know

1828

01:08:06,170 --> 01:08:04,260

you wouldn't have to do it the thing

1829

01:08:08,150 --> 01:08:06,180

would be just cutting it down you'd have

1830

01:08:10,490 --> 01:08:08,160

to cut it down to where it could be a

1831

01:08:12,289 --> 01:08:10,500

script but I think that would be a super

1832

01:08:13,670 --> 01:08:12,299

easy process and I'd love to see it

1833

01:08:15,109 --> 01:08:13,680

become a Buddhism they have already got

1834

01:08:17,209 --> 01:08:15,119

actors picked out

1835

01:08:19,550 --> 01:08:17,219

well we've we're speaking it into

1836

01:08:23,329 --> 01:08:19,560

existence right now so let's do it we're

1837

01:08:24,709 --> 01:08:23,339

manifesting it absolutely so just to get

1838

01:08:27,050 --> 01:08:24,719

things wrapped up what are you working

1839

01:08:29,890 --> 01:08:27,060

on what should people expect to see from

1840

01:08:32,870 --> 01:08:29,900

you next I've always come out with

1841

01:08:34,970 --> 01:08:32,880

paperbacks ebooks and audiobooks at the

1842

01:08:37,970 --> 01:08:34,980

same time and it just wasn't possible

1843

01:08:40,370 --> 01:08:37,980

with this one because it does require

1844

01:08:43,249 --> 01:08:40,380

acting and voice characters different

1845

01:08:44,630 --> 01:08:43,259

characters for different voices so the

1846

01:08:47,030 --> 01:08:44,640

rest of my summer is probably going to

1847

01:08:48,590 --> 01:08:47,040

be spent doing that which I'm kind of

1848

01:08:50,870 --> 01:08:48,600

excited about because I've developed

1849

01:08:53,209 --> 01:08:50,880

some audio production skills being in

1850

01:08:56,150 --> 01:08:53,219

various bands over the last

1851

01:08:58,370 --> 01:08:56,160

20 years or so in recording music

1852

01:08:59,570 --> 01:08:58,380

and recording my first two audio books

1853

01:09:01,729 --> 01:08:59,580

too it's just obviously different

1854

01:09:03,229 --> 01:09:01,739

because there's more people involved now

1855

01:09:05,570 --> 01:09:03,239

for the people I'm working with are

1856

01:09:07,789 --> 01:09:05,580

really excited about it too and it's fun

1857

01:09:10,970 --> 01:09:07,799

like you said it's kind of fun and funny

1858

01:09:13,490 --> 01:09:10,980

at times so the ones involved have read

1859

01:09:15,590 --> 01:09:13,500

it or are reading it right now and are

1860

01:09:19,189 --> 01:09:15,600

excited for that and then there's a

1861

01:09:22,870 --> 01:09:19,199

mufon conference in late August I'll be

1862

01:09:26,570 --> 01:09:22,880

giving a talk at some various other

1863

01:09:30,169 --> 01:09:26,580

projects possibly a documentary that's

1864

01:09:32,329 --> 01:09:30,179

been in the works for four years with

1865

01:09:33,309 --> 01:09:32,339

five different production companies

1866

01:09:38,090 --> 01:09:33,319

because

1867

01:09:40,970 --> 01:09:38,100

covet and then unforeseen deaths and God

1868

01:09:42,470 --> 01:09:40,980

only knows what else but yeah in the

1869

01:09:45,650 --> 01:09:42,480

same way that last book might lend

1870

01:09:47,749 --> 01:09:45,660

itself well to a feature film the idea

1871

01:09:50,749 --> 01:09:47,759

itself I think

1872

01:09:53,090 --> 01:09:50,759

could reach more people as a documentary

1873

01:09:55,250 --> 01:09:53,100

or some sort of mini-series

1874

01:09:58,310 --> 01:09:55,260

a lot of people have seen that too it's

1875

01:10:01,250 --> 01:09:58,320

just been a number of issues and getting

1876

01:10:03,290 --> 01:10:01,260

that out but working with somebody now

1877

01:10:06,110 --> 01:10:03,300

who seems to be really passionate about

1878

01:10:08,750 --> 01:10:06,120

it and we seem to have a lot of Mutual

1879

01:10:10,850 --> 01:10:08,760

goals with regard to the creative

1880

01:10:12,229 --> 01:10:10,860

aspects and the storytelling and the

1881

01:10:14,150 --> 01:10:12,239

science you know the big problem was

1882

01:10:16,189 --> 01:10:14,160

that I wanted to adhere to the science

1883

01:10:17,990 --> 01:10:16,199

behind this and

1884

01:10:18,890 --> 01:10:18,000

as you're well aware and your listeners

1885

01:10:21,110 --> 01:10:18,900

are

1886

01:10:23,450 --> 01:10:21,120

um entertainment dominates everything

1887

01:10:25,430 --> 01:10:23,460

and people are so afraid to break into

1888

01:10:27,229 --> 01:10:25,440

doing something different even an idea

1889

01:10:29,630 --> 01:10:27,239

that makes a lot of sense if it doesn't

1890

01:10:31,430 --> 01:10:29,640

conform to what they know sells already

1891

01:10:33,950 --> 01:10:31,440

then it's hard to really make that

1892

01:10:35,390 --> 01:10:33,960

switch but things are changing they're

1893

01:10:37,729 --> 01:10:35,400

changing fast

1894

01:10:40,010 --> 01:10:37,739

so I'm excited to see where that goes

1895

01:10:42,530 --> 01:10:40,020

they sure are changing fast they sure

1896

01:10:44,450 --> 01:10:42,540

are well Mike it was so wonderful to

1897

01:10:47,030 --> 01:10:44,460

have you on the show today thank you so

1898

01:10:49,550 --> 01:10:47,040

much for making the time I'm such a fan

1899

01:10:51,770 --> 01:10:49,560

of your work and so excited about your

1900

01:10:53,689 --> 01:10:51,780

new book I'll be sure to include all the

1901

01:10:55,669 --> 01:10:53,699

links for all of your books in the

1902

01:10:57,709 --> 01:10:55,679

episode description so that people can

1903

01:10:59,149 --> 01:10:57,719

check those out but yeah thank you so

1904

01:11:01,310 --> 01:10:59,159

much for coming on the podcast today

1905

01:11:03,169 --> 01:11:01,320

thank you Kelly it was great talking to

1906

01:11:07,550 --> 01:11:03,179

you I really enjoy your show and go