



The UFO Rabbit Hole

ARE UFOS HUMANS FROM THE FUTURE?

Episode 4

1
00:00:16,130 --> 00:00:16,040
[Music]

2
00:00:24,010 --> 00:00:16,140
[Applause]

3
00:00:25,360 --> 00:00:24,020
[Music]

4
00:00:30,950 --> 00:00:25,370
[Applause]

5
00:00:35,430 --> 00:00:32,709
welcome back to the ufo rabbit hole

6
00:00:37,190 --> 00:00:35,440
podcast i'm your host kelly chase

7
00:00:39,510 --> 00:00:37,200
over the last two episodes we've

8
00:00:41,830 --> 00:00:39,520
discussed two potential explanations for

9
00:00:43,510 --> 00:00:41,840
the ufo phenomenon that the highly

10
00:00:45,350 --> 00:00:43,520
advanced technological craft that are

11
00:00:48,549 --> 00:00:45,360
being recorded in our skies and in our

12
00:00:50,430 --> 00:00:48,559
oceans could be secret human technology

13
00:00:52,229 --> 00:00:50,440

or that they could in fact be

14

00:00:54,069 --> 00:00:52,239

extraterrestrial

15

00:00:56,310 --> 00:00:54,079

but despite the fact that we tend to

16

00:00:59,029 --> 00:00:56,320

associate ufos with either of those two

17

00:01:00,790 --> 00:00:59,039

possibilities we're just barely scraping

18

00:01:02,869 --> 00:01:00,800

the surface and our understanding of

19

00:01:05,350 --> 00:01:02,879

what these craft could actually be and

20

00:01:07,429 --> 00:01:05,360

i've got to warn you from here on out

21

00:01:09,590 --> 00:01:07,439

things get pretty strange

22

00:01:11,830 --> 00:01:09,600

in the last episode we talked about one

23

00:01:14,469 --> 00:01:11,840

of the most puzzling aspects of alleged

24

00:01:15,830 --> 00:01:14,479

alien encounters which is that they look

25

00:01:18,230 --> 00:01:15,840

a lot like us

26

00:01:20,710 --> 00:01:18,240

in other words they're anthropomorphic

27

00:01:22,870 --> 00:01:20,720

which is a mash-up of two greek words

28

00:01:26,149 --> 00:01:22,880

anthrap meaning human and morphic

29

00:01:28,630 --> 00:01:26,159

meaning shaped so literally human shaped

30

00:01:30,469 --> 00:01:28,640

and as we discussed although the idea

31

00:01:33,270 --> 00:01:30,479

that extraterrestrial beings would be

32

00:01:35,670 --> 00:01:33,280

anthropomorphic is counterintuitive the

33

00:01:37,749 --> 00:01:35,680

more we learn about how evolution works

34

00:01:39,350 --> 00:01:37,759

the more likely it seems that we could

35

00:01:41,830 --> 00:01:39,360

encounter intelligent beings from other

36

00:01:43,270 --> 00:01:41,840

planets who do look a lot like we do

37

00:01:44,550 --> 00:01:43,280

but what if there was another

38

00:01:47,030 --> 00:01:44,560

explanation

39

00:01:49,190 --> 00:01:47,040

what if they aren't just human-shaped

40

00:01:50,789 --> 00:01:49,200

but actually human

41

00:01:52,710 --> 00:01:50,799

what if what people are seeing aren't

42

00:01:55,830 --> 00:01:52,720

extraterrestrial beings that happen to

43

00:01:57,830 --> 00:01:55,840

evolve along a similar evolutionary path

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00:01:59,670 --> 00:01:57,840

what if they're part of our evolutionary

45

00:02:01,350 --> 00:01:59,680

path but they're just further down the

46

00:02:02,950 --> 00:02:01,360

road than we are

47

00:02:05,270 --> 00:02:02,960

this is what is referred to as the

48

00:02:07,429 --> 00:02:05,280

future human hypothesis

49

00:02:09,990 --> 00:02:07,439

the basic premise of this hypothesis is

50

00:02:12,309 --> 00:02:10,000

that the origin of ufo phenomenon isn't

51
00:02:14,070 --> 00:02:12,319
from another world but from this world

52
00:02:15,830 --> 00:02:14,080
far in the future

53
00:02:17,990 --> 00:02:15,840
michael masters a professor of

54
00:02:20,550 --> 00:02:18,000
biological anthropology at montana

55
00:02:22,630 --> 00:02:20,560
technological university is a proponent

56
00:02:25,070 --> 00:02:22,640
of the future human hypothesis

57
00:02:27,110 --> 00:02:25,080
in his book identified flying objects a

58
00:02:29,030 --> 00:02:27,120
multi-disciplinary scientific approach

59
00:02:31,190 --> 00:02:29,040
to the ufo phenomenon

60
00:02:33,190 --> 00:02:31,200
masters makes the argument that although

61
00:02:35,509 --> 00:02:33,200
we tend to associate ufos with

62
00:02:36,949 --> 00:02:35,519
extraterrestrials that it actually makes

63
00:02:39,830 --> 00:02:36,959

a lot more sense that they have a

64

00:02:40,949 --> 00:02:39,840

terrestrial and more specifically human

65

00:02:42,229 --> 00:02:40,959

origin

66

00:02:45,190 --> 00:02:42,239

saying quote

67

00:02:46,550 --> 00:02:45,200

we know we're here we know humans exist

68

00:02:49,030 --> 00:02:46,560

we know that we've had a long

69

00:02:50,949 --> 00:02:49,040

evolutionary history on this planet and

70

00:02:53,190 --> 00:02:50,959

we know our technology is going to be

71

00:02:55,990 --> 00:02:53,200

more advanced in the future i think the

72

00:02:56,949 --> 00:02:56,000

simplest explanation innately is that it

73

00:02:58,630 --> 00:02:56,959

is us

74

00:03:00,790 --> 00:02:58,640

i'm just trying to offer what is likely

75

00:03:01,750 --> 00:03:00,800

the most parsimonious explanation end

76

00:03:04,070 --> 00:03:01,760

quote

77

00:03:06,070 --> 00:03:04,080

and he does have a point as we discussed

78

00:03:07,589 --> 00:03:06,080

in the last episode until we get

79

00:03:09,270 --> 00:03:07,599

incontrovertible proof of

80

00:03:11,110 --> 00:03:09,280

extraterrestrial life

81

00:03:12,790 --> 00:03:11,120

we just simply don't have enough data to

82

00:03:15,110 --> 00:03:12,800

know how common it is for life to

83

00:03:17,270 --> 00:03:15,120

develop and how often that life evolves

84

00:03:18,869 --> 00:03:17,280

to a level of technological advancement

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00:03:21,430 --> 00:03:18,879

that would make interstellar travel

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00:03:22,869 --> 00:03:21,440

possible and even then interstellar

87

00:03:24,470 --> 00:03:22,879

travel is something that is only

88

00:03:26,390 --> 00:03:24,480

hypothetically possible using

89

00:03:28,710 --> 00:03:26,400

hypothetical technology

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00:03:30,949 --> 00:03:28,720

there's just a lot of unknowns there

91

00:03:32,949 --> 00:03:30,959

as masters points out the future human

92

00:03:35,030 --> 00:03:32,959

hypothesis doesn't need to overcome any

93

00:03:36,789 --> 00:03:35,040

of those challenges we don't need to

94

00:03:39,030 --> 00:03:36,799

unlock the mysteries of the universe to

95

00:03:40,869 --> 00:03:39,040

find an explanation for this phenomenon

96

00:03:42,070 --> 00:03:40,879

all the answers we need are right in

97

00:03:44,390 --> 00:03:42,080

front of us

98

00:03:46,869 --> 00:03:44,400

and yet as we'll see the future human

99

00:03:47,910 --> 00:03:46,879

hypothesis offers us anything but easy

100

00:03:49,509 --> 00:03:47,920

answers

101
00:03:51,509 --> 00:03:49,519
so let's take a little time to explore

102
00:03:53,110 --> 00:03:51,519
this idea starting with the question of

103
00:03:54,630 --> 00:03:53,120
how humans might evolve to look in the

104
00:03:56,550 --> 00:03:54,640
future

105
00:03:58,390 --> 00:03:56,560
now it's impossible to play the tape

106
00:03:59,750 --> 00:03:58,400
forward on evolution and know for

107
00:04:01,750 --> 00:03:59,760
certain what humans will look like in

108
00:04:03,910 --> 00:04:01,760
the future but we only need to look at

109
00:04:06,070 --> 00:04:03,920
our own evolutionary path up until this

110
00:04:07,670 --> 00:04:06,080
point to see how drastically a species

111
00:04:09,429 --> 00:04:07,680
can change over time

112
00:04:11,190 --> 00:04:09,439
and we know enough to make some basic

113
00:04:13,270 --> 00:04:11,200

assumptions that allow us to at least

114

00:04:14,550 --> 00:04:13,280

approach this as an interesting thought

115

00:04:16,629 --> 00:04:14,560

experiment

116

00:04:18,550 --> 00:04:16,639

so based on what we know what might

117

00:04:20,789 --> 00:04:18,560

future humans look like

118

00:04:22,950 --> 00:04:20,799

well if current trends continue they

119

00:04:25,670 --> 00:04:22,960

will probably look much more similar to

120

00:04:28,390 --> 00:04:25,680

each other than present-day humans do

121

00:04:30,710 --> 00:04:28,400

humanity as we know it is very diverse

122

00:04:33,030 --> 00:04:30,720

over the last 200 000 years or so as

123

00:04:34,629 --> 00:04:33,040

humans spread out across the globe we

124

00:04:36,629 --> 00:04:34,639

develop different traits based on

125

00:04:38,390 --> 00:04:36,639

adaptations to our environment

126
00:04:41,430 --> 00:04:38,400
interbreeding with other ancient human

127
00:04:43,189 --> 00:04:41,440
species and random mutation as a result

128
00:04:45,670 --> 00:04:43,199
there's a stunning amount of variety in

129
00:04:47,909 --> 00:04:45,680
our skin color eye color hair color and

130
00:04:49,510 --> 00:04:47,919
texture height etc

131
00:04:51,510 --> 00:04:49,520
however as we become more

132
00:04:53,990 --> 00:04:51,520
technologically advanced our world is

133
00:04:55,430 --> 00:04:54,000
getting smaller we're no longer isolated

134
00:04:56,390 --> 00:04:55,440
from each other in little pockets of

135
00:04:58,230 --> 00:04:56,400
humanity

136
00:05:00,790 --> 00:04:58,240
and we're increasingly mixing together

137
00:05:02,870 --> 00:05:00,800
in one giant genetic melting pot

138
00:05:05,749 --> 00:05:02,880

the natural result of this is that our

139

00:05:07,830 --> 00:05:05,759

genes are becoming more homogenized

140

00:05:09,510 --> 00:05:07,840

dominant traits like brown eyes become

141

00:05:11,510 --> 00:05:09,520

much more common the recessive traits

142

00:05:13,749 --> 00:05:11,520

like blue eyes and the traits that

143

00:05:16,469 --> 00:05:13,759

aren't tied to one specific gene like

144

00:05:18,150 --> 00:05:16,479

skin color and eye shape blend together

145

00:05:19,430 --> 00:05:18,160

causing people to look more and more

146

00:05:22,390 --> 00:05:19,440

alike

147

00:05:24,070 --> 00:05:22,400

in 2013 artist and researcher nicole

148

00:05:27,029 --> 00:05:24,080

lamb worked with computational

149

00:05:28,870 --> 00:05:27,039

geneticist dr alan kwan to illustrate

150

00:05:30,629 --> 00:05:28,880

what humans might look like a hundred

151

00:05:32,710 --> 00:05:30,639

thousand years from now

152

00:05:34,550 --> 00:05:32,720

based on their research they theorized

153

00:05:36,710 --> 00:05:34,560

that human foreheads would continue to

154

00:05:39,270 --> 00:05:36,720

get larger and cranial capacities would

155

00:05:42,550 --> 00:05:39,280

continue to accommodate larger brains a

156

00:05:44,629 --> 00:05:42,560

trend that started in the 14th century

157

00:05:46,790 --> 00:05:44,639

they also proposed that as humans begin

158

00:05:48,629 --> 00:05:46,800

to colonize space that we will probably

159

00:05:50,870 --> 00:05:48,639

have much bigger eyes to help us see

160

00:05:52,950 --> 00:05:50,880

better in low-light environments

161

00:05:55,270 --> 00:05:52,960

according to quan these eyes would

162

00:05:57,270 --> 00:05:55,280

likely be unnervingly large by today's

163

00:05:59,029 --> 00:05:57,280

standards and we might even develop

164

00:06:00,550 --> 00:05:59,039

eyeshine to further enhance our low

165

00:06:01,749 --> 00:06:00,560

light vision

166

00:06:03,830 --> 00:06:01,759

not everyone agrees with these

167

00:06:05,590 --> 00:06:03,840

predictions and honestly there's no real

168

00:06:07,430 --> 00:06:05,600

reason for them to do so it's all just

169

00:06:09,430 --> 00:06:07,440

wild speculation

170

00:06:11,189 --> 00:06:09,440

what it comes down to is this

171

00:06:14,550 --> 00:06:11,199

close encounter accounts typically

172

00:06:16,629 --> 00:06:14,560

describe ufo tenants as bipedal hairless

173

00:06:20,150 --> 00:06:16,639

human-like beings with large brains

174

00:06:21,749 --> 00:06:20,160

large eyes small noses and small mouths

175

00:06:23,350 --> 00:06:21,759

and that's interesting

176

00:06:25,110 --> 00:06:23,360

super interesting

177

00:06:27,590 --> 00:06:25,120

but just because the beings that people

178

00:06:30,150 --> 00:06:27,600

report seeing in and around ufos look

179

00:06:31,749 --> 00:06:30,160

like us doesn't necessarily mean that

180

00:06:33,350 --> 00:06:31,759

they are us

181

00:06:35,430 --> 00:06:33,360

but they could be

182

00:06:37,749 --> 00:06:35,440

so let's have a little fun with this and

183

00:06:38,870 --> 00:06:37,759

assume that ufos are future human in

184

00:06:41,510 --> 00:06:38,880

origin

185

00:06:43,189 --> 00:06:41,520

the first and most obvious question is

186

00:06:44,950 --> 00:06:43,199

what are they doing here

187

00:06:48,309 --> 00:06:44,960

there are three basic buckets of

188

00:06:51,510 --> 00:06:48,319

possibilities one they're just curious

189

00:06:53,749 --> 00:06:51,520

two they're trying to save us and three

190

00:06:55,430 --> 00:06:53,759

they're trying to save themselves

191

00:06:57,029 --> 00:06:55,440

so let's break these down

192

00:06:58,790 --> 00:06:57,039

let's start with the idea that they're

193

00:07:00,710 --> 00:06:58,800

just curious

194

00:07:02,790 --> 00:07:00,720

the thinking with this theory is that if

195

00:07:04,870 --> 00:07:02,800

a species evolved technologically to the

196

00:07:06,629 --> 00:07:04,880

point where time travel was possible

197

00:07:08,070 --> 00:07:06,639

then the natural inclination would be to

198

00:07:09,990 --> 00:07:08,080

go back in time and check out what

199

00:07:11,909 --> 00:07:10,000

things were like in the past

200

00:07:13,110 --> 00:07:11,919

so it could be that they're basically

201
00:07:14,950 --> 00:07:13,120
tourists

202
00:07:17,110 --> 00:07:14,960
maybe in the distant future instead of

203
00:07:19,029 --> 00:07:17,120
taking a caribbean cruise you can

204
00:07:21,510 --> 00:07:19,039
vacation by going back in time to see

205
00:07:23,909 --> 00:07:21,520
the dinosaurs then fly through egypt to

206
00:07:25,749 --> 00:07:23,919
watch the pyramids being built and then

207
00:07:27,510 --> 00:07:25,759
pop up north in a few thousand years to

208
00:07:28,710 --> 00:07:27,520
watch the fall of rome before heading

209
00:07:30,870 --> 00:07:28,720
back home

210
00:07:32,550 --> 00:07:30,880
that does sound pretty awesome

211
00:07:34,950 --> 00:07:32,560
and it makes sense that if we could do

212
00:07:36,950 --> 00:07:34,960
such a thing that we probably would so

213
00:07:38,629 --> 00:07:36,960

that is one possibility

214

00:07:41,029 --> 00:07:38,639

another possibility is that they could

215

00:07:42,870 --> 00:07:41,039

be more formally studying us

216

00:07:44,390 --> 00:07:42,880

time travel would be an absolute game

217

00:07:46,309 --> 00:07:44,400

changer for historians and

218

00:07:48,230 --> 00:07:46,319

archaeologists of the future

219

00:07:49,909 --> 00:07:48,240

instead of painstakingly collecting

220

00:07:52,150 --> 00:07:49,919

artifacts and data and piecing them

221

00:07:53,830 --> 00:07:52,160

together scholars and scientists could

222

00:07:56,629 --> 00:07:53,840

go back and see what was going on during

223

00:07:58,390 --> 00:07:56,639

a particular time period for themselves

224

00:08:00,390 --> 00:07:58,400

it also could be that they aren't here

225

00:08:02,469 --> 00:08:00,400

just to observe us but that they're here

226

00:08:04,309 --> 00:08:02,479

on a very specific mission

227

00:08:06,390 --> 00:08:04,319

and some people think that that mission

228

00:08:07,990 --> 00:08:06,400

could be to save us by preventing some

229

00:08:09,510 --> 00:08:08,000

massive calamity

230

00:08:12,070 --> 00:08:09,520

maybe they're here to warn us of an

231

00:08:14,390 --> 00:08:12,080

impending disaster or maybe their goal

232

00:08:16,629 --> 00:08:14,400

is to alter the timeline just enough to

233

00:08:18,390 --> 00:08:16,639

avert some unknown outcome

234

00:08:20,790 --> 00:08:18,400

one reason that some people gravitate

235

00:08:22,790 --> 00:08:20,800

towards this particular explanation is

236

00:08:25,909 --> 00:08:22,800

that there is an undeniable connection

237

00:08:27,589 --> 00:08:25,919

between ufos and nuclear technology

238

00:08:29,990 --> 00:08:27,599

where there are nuclear weapons and

239

00:08:32,149 --> 00:08:30,000

nuclear facilities you tend to find lots

240

00:08:34,790 --> 00:08:32,159

of reports of ufo sightings

241

00:08:36,469 --> 00:08:34,800

over the last decade or so more and more

242

00:08:38,709 --> 00:08:36,479

current and former members of the u.s

243

00:08:41,350 --> 00:08:38,719

military have come forward to talk about

244

00:08:43,110 --> 00:08:41,360

ufo encounters in which these craft

245

00:08:45,670 --> 00:08:43,120

didn't just seem to be interested in our

246

00:08:47,350 --> 00:08:45,680

nuclear weapons but interacted with them

247

00:08:49,430 --> 00:08:47,360

directly

248

00:08:52,550 --> 00:08:49,440

one such alleged incident occurred on

249

00:08:55,590 --> 00:08:52,560

march 24th 1967 at maelstrom air force

250

00:08:57,990 --> 00:08:55,600

base in montana u.s air force captain

251
00:08:59,990 --> 00:08:58,000
robert salas was the on-duty commander

252
00:09:02,550 --> 00:09:00,000
of a secret underground launch control

253
00:09:06,230 --> 00:09:02,560
facility that night and he claims that

254
00:09:07,350 --> 00:09:06,240
he saw a giant ufo disable 10 nuclear

255
00:09:09,430 --> 00:09:07,360
weapons

256
00:09:11,430 --> 00:09:09,440
the saucer-shaped craft was seen

257
00:09:13,670 --> 00:09:11,440
floating above the base by multiple

258
00:09:16,630 --> 00:09:13,680
guards stationed on the ground and

259
00:09:19,430 --> 00:09:16,640
captain salus watched in astonishment as

260
00:09:21,269 --> 00:09:19,440
all 10 nuclear weapons were powered down

261
00:09:22,470 --> 00:09:21,279
and rendered useless

262
00:09:24,790 --> 00:09:22,480
something that should have been

263
00:09:27,990 --> 00:09:24,800

impossible as all 10 of the weapons were

264

00:09:30,310 --> 00:09:28,000

running on 10 independent systems

265

00:09:32,230 --> 00:09:30,320

salus reported that it took over a day

266

00:09:34,230 --> 00:09:32,240

to get them all back online

267

00:09:35,430 --> 00:09:34,240

no damage to the weapons systems was

268

00:09:37,190 --> 00:09:35,440

ever found

269

00:09:39,350 --> 00:09:37,200

nor has there ever been an explanation

270

00:09:41,430 --> 00:09:39,360

for what happened that day and this is

271

00:09:43,350 --> 00:09:41,440

just one of literally over a hundred

272

00:09:45,110 --> 00:09:43,360

reports from members of our military

273

00:09:46,870 --> 00:09:45,120

regarding the sort of phenomenon at

274

00:09:48,790 --> 00:09:46,880

nuclear sites

275

00:09:50,870 --> 00:09:48,800

many people look at this correlation and

276

00:09:52,389 --> 00:09:50,880

wonder if it could be that future humans

277

00:09:54,389 --> 00:09:52,399

are trying to warn us off from the

278

00:09:56,230 --> 00:09:54,399

devastating potential consequences of

279

00:09:58,150 --> 00:09:56,240

using our nuclear weapons

280

00:09:59,750 --> 00:09:58,160

and it's not like nuclear war is the

281

00:10:02,470 --> 00:09:59,760

only potential disaster that we're

282

00:10:04,069 --> 00:10:02,480

currently flirting with as a species

283

00:10:06,470 --> 00:10:04,079

so it really could be that they're doing

284

00:10:08,630 --> 00:10:06,480

their best to save us from ourselves

285

00:10:10,230 --> 00:10:08,640

and finally it could be that they aren't

286

00:10:12,389 --> 00:10:10,240

trying to save us

287

00:10:13,750 --> 00:10:12,399

but trying to save themselves

288

00:10:16,069 --> 00:10:13,760

we might have something that they need

289

00:10:17,990 --> 00:10:16,079

to survive but what could be going on in

290

00:10:20,150 --> 00:10:18,000

the future that would cause humanity to

291

00:10:22,150 --> 00:10:20,160

look to its past for help

292

00:10:24,150 --> 00:10:22,160

going back to michael masters in his

293

00:10:26,150 --> 00:10:24,160

book on the future human hypothesis

294

00:10:27,990 --> 00:10:26,160

identified flying objects

295

00:10:30,230 --> 00:10:28,000

he proposed that they could be coming

296

00:10:32,710 --> 00:10:30,240

back to harvest our dna

297

00:10:35,750 --> 00:10:32,720

the idea is that if the homogenization

298

00:10:37,350 --> 00:10:35,760

of human dna continues into the future

299

00:10:39,350 --> 00:10:37,360

that could make us particularly

300

00:10:42,150 --> 00:10:39,360

vulnerable to extinction

301
00:10:43,829 --> 00:10:42,160
for a species to stay strong and viable

302
00:10:46,069 --> 00:10:43,839
there needs to be a lot of variation

303
00:10:47,829 --> 00:10:46,079
among individuals if there isn't enough

304
00:10:49,670 --> 00:10:47,839
variation the species will become

305
00:10:51,430 --> 00:10:49,680
vulnerable to diseases caused by

306
00:10:52,550 --> 00:10:51,440
everything from recessive traits to

307
00:10:54,389 --> 00:10:52,560
viruses

308
00:10:56,389 --> 00:10:54,399
and they could be wiped out

309
00:10:59,350 --> 00:10:56,399
and if you needed to introduce more

310
00:11:01,269 --> 00:10:59,360
variation into your dna your ancient

311
00:11:02,150 --> 00:11:01,279
ancestors would be a great place to

312
00:11:06,880 --> 00:11:02,160
start

313
00:11:06,890 --> 00:12:09,829

[Music]

314

00:12:14,550 --> 00:12:12,389

i'll be honest and say that i struggle

315

00:12:15,990 --> 00:12:14,560

with the future human hypothesis

316

00:12:18,230 --> 00:12:16,000

for reasons that we'll talk about in

317

00:12:20,710 --> 00:12:18,240

just a minute i just ultimately don't

318

00:12:22,949 --> 00:12:20,720

find it to be very satisfying

319

00:12:24,790 --> 00:12:22,959

however there is one odd bit of

320

00:12:26,949 --> 00:12:24,800

potential evidence in support of this

321

00:12:28,790 --> 00:12:26,959

idea that i personally find too

322

00:12:30,389 --> 00:12:28,800

compelling to ignore

323

00:12:32,470 --> 00:12:30,399

there is this award-winning

324

00:12:35,350 --> 00:12:32,480

investigative journalist from australia

325

00:12:38,310 --> 00:12:35,360

named ross coldheart who recently wrote

326

00:12:40,790 --> 00:12:38,320

a phenomenal book on the ufo phenomenon

327

00:12:43,509 --> 00:12:40,800

called in plain sight an investigation

328

00:12:45,990 --> 00:12:43,519

into ufos and impossible science

329

00:12:47,910 --> 00:12:46,000

this was a big departure and a big risk

330

00:12:51,590 --> 00:12:47,920

for someone who had built his career and

331

00:12:52,550 --> 00:12:51,600

reputation on being a serious journalist

332

00:12:54,870 --> 00:12:52,560

and yet

333

00:12:56,470 --> 00:12:54,880

coldheart stuck to his guns believing

334

00:12:58,230 --> 00:12:56,480

that there was more than enough evidence

335

00:13:00,150 --> 00:12:58,240

to not only confirm that the ufo

336

00:13:02,069 --> 00:13:00,160

phenomenon is real

337

00:13:04,150 --> 00:13:02,079

but that there has been a massive

338

00:13:05,509 --> 00:13:04,160

international cover-up to hide this fact

339

00:13:07,750 --> 00:13:05,519

from the public

340

00:13:09,990 --> 00:13:07,760

and recently he's come out in interviews

341

00:13:12,069 --> 00:13:10,000

and said that according to some of his

342

00:13:15,750 --> 00:13:12,079

high-level contacts inside the u.s

343

00:13:17,030 --> 00:13:15,760

government ufos are in fact humans from

344

00:13:18,949 --> 00:13:17,040

the future

345

00:13:21,430 --> 00:13:18,959

listen to this answer that he gave on an

346

00:13:23,430 --> 00:13:21,440

interview with kurt jymungal on theories

347

00:13:26,310 --> 00:13:23,440

of everything when he was asked to

348

00:13:27,910 --> 00:13:26,320

comment on lou elizondo's now infamous

349

00:13:29,350 --> 00:13:27,920

somber comment

350

00:13:31,269 --> 00:13:29,360

did you see the interview that i had

351
00:13:33,910 --> 00:13:31,279
with luke where he mentioned somber this

352
00:13:35,670 --> 00:13:33,920
word somber okay what do you think he

353
00:13:37,509 --> 00:13:35,680
not meant by the word but meant by the

354
00:13:40,069 --> 00:13:37,519
implications

355
00:13:41,350 --> 00:13:40,079
that the world would be somber

356
00:14:08,710 --> 00:13:41,360
i

357
00:14:10,629 --> 00:14:08,720
phenomenon that go beyond far beyond the

358
00:14:12,230 --> 00:14:10,639
whole notion of just i mean i wish it

359
00:14:13,590 --> 00:14:12,240
was as simple as extraterrestrials

360
00:14:14,790 --> 00:14:13,600
getting in their little spaceships and

361
00:14:17,350 --> 00:14:14,800
flying from

362
00:14:19,509 --> 00:14:17,360
zeta reticuli and coming to this planet

363
00:14:21,750 --> 00:14:19,519

that's the easy explanation

364

00:14:26,470 --> 00:14:21,760

the explanation that

365

00:14:28,550 --> 00:14:26,480

i've been exploring in recent months is

366

00:14:30,389 --> 00:14:28,560

more complex and i've already spoken

367

00:14:31,670 --> 00:14:30,399

about this to some extent so i will say

368

00:14:33,829 --> 00:14:31,680

it involves

369

00:14:35,430 --> 00:14:33,839

the notion of

370

00:14:36,949 --> 00:14:35,440

future human

371

00:14:39,110 --> 00:14:36,959

time travel

372

00:14:41,269 --> 00:14:39,120

and look it's only hypothetical i'm not

373

00:14:44,230 --> 00:14:41,279

saying it's real

374

00:14:47,910 --> 00:14:44,240

but if what i'm being told about that is

375

00:14:50,150 --> 00:14:47,920

true then yeah i would be somber too

376

00:14:52,470 --> 00:14:50,160

why is that somber why is the fact or

377

00:14:53,910 --> 00:14:52,480

the potential that it might be humans in

378

00:14:55,590 --> 00:14:53,920

the future

379

00:14:56,949 --> 00:14:55,600

terrifying

380

00:14:58,870 --> 00:14:56,959

well i think i wouldn't be giving too

381

00:15:00,230 --> 00:14:58,880

much away if i said that

382

00:15:03,269 --> 00:15:00,240

you think about

383

00:15:05,509 --> 00:15:03,279

why since 1947

384

00:15:07,750 --> 00:15:05,519

has there been a phenomenon taking an

385

00:15:09,990 --> 00:15:07,760

interest in the human race particularly

386

00:15:13,430 --> 00:15:10,000

in nuclear weapons

387

00:15:15,110 --> 00:15:13,440

why is something or someone apparently

388

00:15:17,030 --> 00:15:15,120

trying to send us a message about

389

00:15:21,590 --> 00:15:17,040

nuclear weapons

390

00:15:24,550 --> 00:15:21,600

shut down by

391

00:15:27,590 --> 00:15:24,560

what slight nine refers to as

392

00:15:29,590 --> 00:15:27,600

remote sensor disassembly

393

00:15:31,430 --> 00:15:29,600

what's it trying to say

394

00:15:33,189 --> 00:15:31,440

what's coming

395

00:15:34,870 --> 00:15:33,199

imagine if and i'm only speaking

396

00:15:37,829 --> 00:15:34,880

hypothetically here

397

00:15:39,749 --> 00:15:37,839

imagine if future humans knew that if we

398

00:15:41,269 --> 00:15:39,759

continue on the path we're going there's

399

00:15:43,350 --> 00:15:41,279

going to be a nuclear war or a

400

00:15:45,590 --> 00:15:43,360

conflagration of some time

401
00:15:48,069 --> 00:15:45,600
wouldn't you want to head that off

402
00:15:49,590 --> 00:15:48,079
wouldn't you want to protect your kin

403
00:15:51,910 --> 00:15:49,600
and

404
00:15:53,749 --> 00:15:51,920
imagine if you were somebody in the u.s

405
00:15:56,710 --> 00:15:53,759
defense and intelligence establishment

406
00:16:00,310 --> 00:15:56,720
but was aware of that quite insane

407
00:16:01,509 --> 00:16:00,320
sounding idea that this might be a

408
00:16:03,509 --> 00:16:01,519
time thing

409
00:16:05,269 --> 00:16:03,519
a future war thing

410
00:16:07,350 --> 00:16:05,279
and imagine if you're worried that

411
00:16:10,310 --> 00:16:07,360
anything you do

412
00:16:13,269 --> 00:16:10,320
might jeopardize that time stream

413
00:16:14,230 --> 00:16:13,279

ah i see that's interesting

414

00:16:15,430 --> 00:16:14,240

that's

415

00:16:17,590 --> 00:16:15,440

where i'm

416

00:16:19,350 --> 00:16:17,600

working at the moment and i don't know

417

00:16:20,949 --> 00:16:19,360

if i'll ever get an answer

418

00:16:22,870 --> 00:16:20,959

wild right

419

00:16:25,350 --> 00:16:22,880

this conversation goes on from here and

420

00:16:26,629 --> 00:16:25,360

is a fascinating interview to listen to

421

00:16:28,710 --> 00:16:26,639

i'll link it up in the comments so you

422

00:16:30,310 --> 00:16:28,720

can go check it out for yourself

423

00:16:32,230 --> 00:16:30,320

although i'm not the biggest fan of the

424

00:16:34,150 --> 00:16:32,240

future human hypothesis

425

00:16:36,629 --> 00:16:34,160

ross coldheart is someone who is well

426

00:16:37,990 --> 00:16:36,639

respected not just in the ufo community

427

00:16:39,189 --> 00:16:38,000

but in the world of mainstream

428

00:16:40,870 --> 00:16:39,199

journalism

429

00:16:43,350 --> 00:16:40,880

he has a reputation for being a

430

00:16:45,509 --> 00:16:43,360

hard-nosed and fearless investigator who

431

00:16:47,670 --> 00:16:45,519

has taken on and taken down

432

00:16:50,069 --> 00:16:47,680

everyone from terrorists to organized

433

00:16:51,350 --> 00:16:50,079

crime syndicates so when ross says

434

00:16:53,749 --> 00:16:51,360

something like this

435

00:16:55,430 --> 00:16:53,759

it's hard not to listen and wonder if he

436

00:16:57,590 --> 00:16:55,440

might be onto something

437

00:16:59,350 --> 00:16:57,600

granted and cold heart himself is very

438

00:16:59,990 --> 00:16:59,360

aware of this and is the first to admit

439

00:17:02,230 --> 00:17:00,000

it

440

00:17:04,949 --> 00:17:02,240

his information is only as good as his

441

00:17:06,710 --> 00:17:04,959

sources and right now we don't know who

442

00:17:08,390 --> 00:17:06,720

those sources are or what their

443

00:17:09,590 --> 00:17:08,400

motivations might be for telling him

444

00:17:11,510 --> 00:17:09,600

these things

445

00:17:13,829 --> 00:17:11,520

the reality is that intelligence

446

00:17:15,429 --> 00:17:13,839

agencies lie all the time

447

00:17:18,150 --> 00:17:15,439

and it could be that he's being

448

00:17:20,309 --> 00:17:18,160

intentionally fed misinformation

449

00:17:22,230 --> 00:17:20,319

but coldheart's sterling reputation

450

00:17:24,309 --> 00:17:22,240

leads many to believe that this is very

451

00:17:26,150 --> 00:17:24,319

likely what he's being told by his

452

00:17:28,069 --> 00:17:26,160

contacts in the government

453

00:17:30,630 --> 00:17:28,079

whether or not it's true is still up for

454

00:17:32,950 --> 00:17:30,640

debate because here's the thing the

455

00:17:33,909 --> 00:17:32,960

future human hypothesis has some real

456

00:17:35,510 --> 00:17:33,919

issues

457

00:17:37,350 --> 00:17:35,520

there's not enough evidence to rule it

458

00:17:40,070 --> 00:17:37,360

out but like i said there's something

459

00:17:42,230 --> 00:17:40,080

about it that's just unsatisfying

460

00:17:44,070 --> 00:17:42,240

first of all let's say that cold heart

461

00:17:46,789 --> 00:17:44,080

sources are right and that they are here

462

00:17:48,390 --> 00:17:46,799

to save us from some impending disaster

463

00:17:50,710 --> 00:17:48,400

it begs the question

464

00:17:52,549 --> 00:17:50,720

why wouldn't they just tell us that

465

00:17:54,789 --> 00:17:52,559

why would they instead decide to dick

466

00:17:56,789 --> 00:17:54,799

around for 80 years or so popping up

467

00:17:58,310 --> 00:17:56,799

randomly but without any clear message

468

00:18:00,390 --> 00:17:58,320

or intention

469

00:18:02,230 --> 00:18:00,400

and i also don't know that i totally buy

470

00:18:03,990 --> 00:18:02,240

that even if there was a huge calamity

471

00:18:05,750 --> 00:18:04,000

of some kind that whatever remained of

472

00:18:07,270 --> 00:18:05,760

humans in the future would choose to go

473

00:18:08,470 --> 00:18:07,280

back and fix it

474

00:18:10,230 --> 00:18:08,480

think about it

475

00:18:12,630 --> 00:18:10,240

if you had the ability to go back in

476
00:18:14,710 --> 00:18:12,640
time and prevent some horrible atrocity

477
00:18:16,870 --> 00:18:14,720
from happening like if you could go back

478
00:18:19,110 --> 00:18:16,880
and prevent the holocaust from happening

479
00:18:21,909 --> 00:18:19,120
the knee-jerk reaction is that yes of

480
00:18:23,990 --> 00:18:21,919
course you'd do it in a heartbeat

481
00:18:26,150 --> 00:18:24,000
but how far back would you go

482
00:18:28,470 --> 00:18:26,160
and what would you change to be certain

483
00:18:30,310 --> 00:18:28,480
that it wouldn't happen and here's where

484
00:18:32,549 --> 00:18:30,320
it gets really messy

485
00:18:34,630 --> 00:18:32,559
what impact would making those changes

486
00:18:36,710 --> 00:18:34,640
in the past have on the people who are

487
00:18:38,950 --> 00:18:36,720
alive in the present

488
00:18:41,430 --> 00:18:38,960

what if no one lost a loved one in the

489

00:18:43,190 --> 00:18:41,440

horrors of the concentration camps

490

00:18:45,190 --> 00:18:43,200

what if all the high school sweethearts

491

00:18:46,789 --> 00:18:45,200

didn't have to go away to fight a war

492

00:18:49,990 --> 00:18:46,799

never to return

493

00:18:52,150 --> 00:18:50,000

it sounds fantastic like a miracle

494

00:18:54,549 --> 00:18:52,160

but then you consider all of the people

495

00:18:55,669 --> 00:18:54,559

who were born because those people never

496

00:18:57,750 --> 00:18:55,679

returned

497

00:18:59,590 --> 00:18:57,760

if you go back and save them

498

00:19:00,789 --> 00:18:59,600

how many people are you killing in the

499

00:19:02,789 --> 00:19:00,799

present

500

00:19:04,549 --> 00:19:02,799

and is causing them not to exist the

501
00:19:06,230 --> 00:19:04,559
same thing as killing them

502
00:19:08,230 --> 00:19:06,240
and what if you found out that saving

503
00:19:11,270 --> 00:19:08,240
millions of lives would mean causing

504
00:19:12,789 --> 00:19:11,280
millions more never to exist

505
00:19:13,830 --> 00:19:12,799
and how would you even make that

506
00:19:15,750 --> 00:19:13,840
decision

507
00:19:17,430 --> 00:19:15,760
do the people who are around first get

508
00:19:18,549 --> 00:19:17,440
priority when it comes to choosing who

509
00:19:20,070 --> 00:19:18,559
to save

510
00:19:21,750 --> 00:19:20,080
do you make the choice that saves the

511
00:19:23,029 --> 00:19:21,760
most lives or do you make the choice

512
00:19:25,750 --> 00:19:23,039
that causes the least amount of

513
00:19:28,150 --> 00:19:25,760

suffering and how would you even know

514

00:19:30,070 --> 00:19:28,160

any of those things ahead of time

515

00:19:32,310 --> 00:19:30,080

there are no easy answers when it comes

516

00:19:33,909 --> 00:19:32,320

to anything that involves time travel

517

00:19:35,990 --> 00:19:33,919

particularly when you start talking

518

00:19:37,750 --> 00:19:36,000

about altering timelines

519

00:19:40,390 --> 00:19:37,760

and that's where the primary issues with

520

00:19:43,510 --> 00:19:40,400

the future human hypothesis lie

521

00:19:45,510 --> 00:19:43,520

with the idea of time travel itself

522

00:19:47,750 --> 00:19:45,520

it causes all kinds of problems that we

523

00:19:49,350 --> 00:19:47,760

aren't sure how to solve and much like

524

00:19:51,830 --> 00:19:49,360

anyone who claims to have understood the

525

00:19:53,510 --> 00:19:51,840

plot of tenet i'm suspicious of anyone

526
00:19:55,270 --> 00:19:53,520
who claims to have any definitive

527
00:19:57,909 --> 00:19:55,280
answers on this issue

528
00:20:00,870 --> 00:19:57,919
because to start we don't even know for

529
00:20:03,430 --> 00:20:00,880
sure that time travel is even possible

530
00:20:05,190 --> 00:20:03,440
actually that's not true there is one

531
00:20:07,590 --> 00:20:05,200
kind of time travel that we know is

532
00:20:09,590 --> 00:20:07,600
possible but unfortunately it doesn't

533
00:20:11,750 --> 00:20:09,600
really help us with this scenario

534
00:20:13,669 --> 00:20:11,760
and that's because the only kind of time

535
00:20:16,470 --> 00:20:13,679
travel that we know how to do at least

536
00:20:17,510 --> 00:20:16,480
theoretically is going forward into the

537
00:20:19,510 --> 00:20:17,520
future

538
00:20:21,350 --> 00:20:19,520

but with this kind of time travel it's a

539

00:20:23,430 --> 00:20:21,360

one-way ticket

540

00:20:25,190 --> 00:20:23,440

we know that we can go forward in time

541

00:20:27,190 --> 00:20:25,200

through a property of einstein's theory

542

00:20:28,470 --> 00:20:27,200

of special relativity called time

543

00:20:30,710 --> 00:20:28,480

dilation

544

00:20:32,870 --> 00:20:30,720

so as a quick refresher we know from

545

00:20:35,430 --> 00:20:32,880

special relativity that time is not

546

00:20:37,190 --> 00:20:35,440

constant and that the faster you move or

547

00:20:40,149 --> 00:20:37,200

the stronger the gravitational field

548

00:20:41,270 --> 00:20:40,159

you're exposed to the slower time moves

549

00:20:43,110 --> 00:20:41,280

for you

550

00:20:44,789 --> 00:20:43,120

in a technical sense all of our

551

00:20:47,430 --> 00:20:44,799

astronauts who've spent any time in

552

00:20:49,909 --> 00:20:47,440

space are also time travelers because as

553

00:20:51,909 --> 00:20:49,919

they move at tremendous speeds in space

554

00:20:54,310 --> 00:20:51,919

time is actually moving fractionally

555

00:20:56,630 --> 00:20:54,320

slower for them than it is on the earth

556

00:20:59,110 --> 00:20:56,640

however the difference is only about 38

557

00:21:00,230 --> 00:20:59,120

microseconds per day so we don't really

558

00:21:02,310 --> 00:21:00,240

notice it

559

00:21:04,070 --> 00:21:02,320

but if we were able to put a human into

560

00:21:06,310 --> 00:21:04,080

a craft that could travel at near the

561

00:21:08,789 --> 00:21:06,320

speed of light it would be possible to

562

00:21:11,270 --> 00:21:08,799

send that person far into the future

563

00:21:12,549 --> 00:21:11,280

while only a few hours or days pass in

564

00:21:14,149 --> 00:21:12,559

their time

565

00:21:16,870 --> 00:21:14,159

but this only works when you're trying

566

00:21:19,110 --> 00:21:16,880

to go forward in time so obviously

567

00:21:20,789 --> 00:21:19,120

that's a problem because while it could

568

00:21:22,950 --> 00:21:20,799

give us clues as to how we might be able

569

00:21:25,270 --> 00:21:22,960

to visit future humans it doesn't

570

00:21:27,750 --> 00:21:25,280

explain how they could come to see us

571

00:21:29,590 --> 00:21:27,760

and if the trip is only one way all the

572

00:21:31,669 --> 00:21:29,600

primary theories for why the future

573

00:21:32,950 --> 00:21:31,679

humans might come here start to fall

574

00:21:34,710 --> 00:21:32,960

apart

575

00:21:36,870 --> 00:21:34,720

so let's go back to this idea of

576

00:21:38,630 --> 00:21:36,880

traveling backward in time

577

00:21:40,870 --> 00:21:38,640

sure we can't do it now but if we're

578

00:21:42,549 --> 00:21:40,880

talking about human technology thousands

579

00:21:43,669 --> 00:21:42,559

or even hundreds of thousands of years

580

00:21:45,190 --> 00:21:43,679

in the future

581

00:21:47,110 --> 00:21:45,200

it seems like we could probably figure

582

00:21:49,430 --> 00:21:47,120

it out eventually right

583

00:21:51,590 --> 00:21:49,440

so why are so many scientists adamant

584

00:21:52,870 --> 00:21:51,600

that traveling backwards in time isn't

585

00:21:54,950 --> 00:21:52,880

possible

586

00:21:56,470 --> 00:21:54,960

the main reason is the second law of

587

00:21:58,070 --> 00:21:56,480

thermodynamics

588

00:22:00,710 --> 00:21:58,080

almost all the laws of physics are

589

00:22:02,470 --> 00:22:00,720

symmetrical with regard to time which

590

00:22:05,270 --> 00:22:02,480

means that they would work the same way

591

00:22:07,190 --> 00:22:05,280

whether timer going backward or forward

592

00:22:09,590 --> 00:22:07,200

for instance imagine that you're playing

593

00:22:11,669 --> 00:22:09,600

pool you hit the cue ball with your pool

594

00:22:13,990 --> 00:22:11,679

cue and that cue ball hits the eight

595

00:22:15,110 --> 00:22:14,000

ball into the corner pocket you win

596

00:22:17,350 --> 00:22:15,120

hooray

597

00:22:19,270 --> 00:22:17,360

and if you wanted to understand exactly

598

00:22:21,669 --> 00:22:19,280

how much force was transferred from your

599

00:22:23,590 --> 00:22:21,679

hand to the pool ball to the eight ball

600

00:22:25,510 --> 00:22:23,600

you could use physics to figure that out

601
00:22:27,590 --> 00:22:25,520
it's just a math equation

602
00:22:29,510 --> 00:22:27,600
but if you could run time backward and

603
00:22:31,350 --> 00:22:29,520
watch as the eight ball pops back out of

604
00:22:33,270 --> 00:22:31,360
the corner pocket to roll back and hit

605
00:22:34,710 --> 00:22:33,280
the cue ball which rolls back to hit

606
00:22:36,789 --> 00:22:34,720
your pool cue

607
00:22:38,870 --> 00:22:36,799
you'd basically have the exact same math

608
00:22:40,310 --> 00:22:38,880
equation just in reverse

609
00:22:41,990 --> 00:22:40,320
if all the laws of physics were

610
00:22:43,510 --> 00:22:42,000
symmetrical in this way

611
00:22:45,110 --> 00:22:43,520
technically there would be no real

612
00:22:46,310 --> 00:22:45,120
reason for time to move forward instead

613
00:22:49,110 --> 00:22:46,320

of backward

614

00:22:50,549 --> 00:22:49,120

however the second law of thermodynamics

615

00:22:52,630 --> 00:22:50,559

is the exception

616

00:22:54,549 --> 00:22:52,640

this law states that over time

617

00:22:57,110 --> 00:22:54,559

everything moves from an ordered state

618

00:22:58,470 --> 00:22:57,120

to a disordered state this is called

619

00:23:00,070 --> 00:22:58,480

entropy

620

00:23:02,789 --> 00:23:00,080

think about what would happen if you put

621

00:23:04,950 --> 00:23:02,799

a drop of ink into a glass of water

622

00:23:07,110 --> 00:23:04,960

very quickly the drop starts to lose its

623

00:23:08,630 --> 00:23:07,120

shape it spreads out through the water

624

00:23:11,430 --> 00:23:08,640

and within a few minutes it will have

625

00:23:13,029 --> 00:23:11,440

lost its shape and structure entirely

626

00:23:15,350 --> 00:23:13,039

you won't even see the drop of ink in

627

00:23:17,350 --> 00:23:15,360

the water anymore the water will be dyed

628

00:23:19,350 --> 00:23:17,360

one consistent color as the ink

629

00:23:20,470 --> 00:23:19,360

distributes itself evenly within the

630

00:23:22,549 --> 00:23:20,480

glass

631

00:23:24,230 --> 00:23:22,559

no matter how many times you try it the

632

00:23:26,470 --> 00:23:24,240

ink in the glass will do this in a

633

00:23:28,310 --> 00:23:26,480

couple of minutes totally on its own

634

00:23:30,789 --> 00:23:28,320

even if you don't stir it

635

00:23:32,230 --> 00:23:30,799

and yet no matter how long you leave

636

00:23:33,669 --> 00:23:32,240

that glass there

637

00:23:36,470 --> 00:23:33,679

even if you could somehow leave it

638

00:23:39,510 --> 00:23:36,480

undisturbed for a thousand years the ink

639

00:23:41,350 --> 00:23:39,520

molecules would never come back together

640

00:23:43,590 --> 00:23:41,360

once the ink has distributed itself

641

00:23:45,029 --> 00:23:43,600

through the water you can't get the ink

642

00:23:47,430 --> 00:23:45,039

back out again

643

00:23:49,430 --> 00:23:47,440

the second law of thermodynamics is why

644

00:23:51,510 --> 00:23:49,440

you can mix the ingredients for a cake

645

00:23:53,510 --> 00:23:51,520

but you can't un-mix them

646

00:23:55,510 --> 00:23:53,520

and this doesn't just apply to cakes but

647

00:23:57,669 --> 00:23:55,520

to everything in the universe

648

00:23:58,870 --> 00:23:57,679

once something is mixed up it can't be

649

00:24:01,350 --> 00:23:58,880

unmixed

650

00:24:03,190 --> 00:24:01,360

this implies a directionality to time

651
00:24:04,630 --> 00:24:03,200
that many physicists think can't be

652
00:24:07,350 --> 00:24:04,640
overcome

653
00:24:09,110 --> 00:24:07,360
granted not everyone agrees and there

654
00:24:11,750 --> 00:24:09,120
are some physicists who think that

655
00:24:13,510 --> 00:24:11,760
backward time travel could be possible

656
00:24:15,669 --> 00:24:13,520
but most of them agree that even if you

657
00:24:17,110 --> 00:24:15,679
could travel backward in time you

658
00:24:19,750 --> 00:24:17,120
probably wouldn't be able to change

659
00:24:21,750 --> 00:24:19,760
anything the example that's often used

660
00:24:23,590 --> 00:24:21,760
is the grandfather paradox

661
00:24:25,269 --> 00:24:23,600
basically if you went back in time and

662
00:24:26,710 --> 00:24:25,279
killed your grandfather before your

663
00:24:28,630 --> 00:24:26,720

parent was born

664

00:24:30,549 --> 00:24:28,640

then you would never be born and if you

665

00:24:31,750 --> 00:24:30,559

were never born then who killed your

666

00:24:33,750 --> 00:24:31,760

grandfather

667

00:24:35,430 --> 00:24:33,760

many of these physicists suspect that if

668

00:24:36,950 --> 00:24:35,440

you went back in time and tried to

669

00:24:39,669 --> 00:24:36,960

change things that you would be

670

00:24:41,669 --> 00:24:39,679

prevented from doing so in some way

671

00:24:43,750 --> 00:24:41,679

like let's say you went back in time to

672

00:24:45,269 --> 00:24:43,760

try to prevent the covid pandemic by

673

00:24:46,470 --> 00:24:45,279

stopping patient zero from getting

674

00:24:48,470 --> 00:24:46,480

infected

675

00:24:50,310 --> 00:24:48,480

the theory is that even if you were able

676
00:24:52,310 --> 00:24:50,320
to stop that from happening

677
00:24:53,590 --> 00:24:52,320
the pandemic would still happen in some

678
00:24:55,830 --> 00:24:53,600
other way

679
00:24:57,830 --> 00:24:55,840
maybe you would become patient zero

680
00:24:59,669 --> 00:24:57,840
it's all highly speculative because

681
00:25:01,269 --> 00:24:59,679
while it's fun to think about

682
00:25:03,190 --> 00:25:01,279
time travel doesn't just break our

683
00:25:04,950 --> 00:25:03,200
brains but it breaks everything that we

684
00:25:05,909 --> 00:25:04,960
know about the laws of physics and how

685
00:25:07,510 --> 00:25:05,919
they work

686
00:25:09,430 --> 00:25:07,520
which is why tenant didn't make any

687
00:25:10,870 --> 00:25:09,440
goddamn sense and i stand by that so

688
00:25:12,310 --> 00:25:10,880

don't at me

689

00:25:15,269 --> 00:25:12,320

so that's where we'll leave the future

690

00:25:17,190 --> 00:25:15,279

human hypothesis for now and next week

691

00:25:19,830 --> 00:25:17,200

we'll explore yet another potential

692

00:25:21,350 --> 00:25:19,840

explanation for the ufo phenomenon

693

00:25:23,430 --> 00:25:21,360

yes there are more

694

00:25:25,510 --> 00:25:23,440

and as we go further down this rabbit

695

00:25:28,710 --> 00:25:25,520

hole the people and ideas we will

696

00:25:33,010 --> 00:25:28,720

encounter grow curiouser and curiouser