

06/20/10



PAUL KIMBALL,
STANTON T. FRIEDMAN
and KATHLEEN MARDEN

1
00:00:05,260 --> 00:00:27,310

[Music]

2
00:00:35,870 --> 00:00:33,889

now here's gene Steinberg Marko's this

3
00:00:37,610 --> 00:00:35,880

week is Paul Kimball just reminders for

4
00:00:39,049 --> 00:00:37,620

you listeners of the power cast here's

5
00:00:43,490 --> 00:00:39,059

the news you've been waiting for

6
00:00:46,760 --> 00:00:43,500

starting July 11th 2010 this year from 6

7
00:00:48,770 --> 00:00:46,770

to 9 p.m. Central Time the power casts

8
00:00:51,799 --> 00:00:48,780

will be available in the US at a radio

9
00:00:53,510 --> 00:00:51,809

station near you on the gcn network will

10
00:00:56,540 --> 00:00:53,520

still be available online will still be

11
00:00:58,760 --> 00:00:56,550

available for streaming from itunes and

12
00:01:00,950 --> 00:00:58,770

elsewhere no change in that but it will

13
00:01:05,119 --> 00:01:00,960

also be available from the gcn Network

14

00:01:08,090 --> 00:01:05,129

from 6 to 9 p.m. Sundays starting July

15

00:01:10,570 --> 00:01:08,100

11th in the meantime since we have Paul

16

00:01:13,340 --> 00:01:10,580

Kimball here and on the previous episode

17

00:01:15,740 --> 00:01:13,350

in which he participated we were

18

00:01:19,429 --> 00:01:15,750

interviewing Kevin Randle about UFO

19

00:01:22,100 --> 00:01:19,439

crashes and you indicated Paul sort of a

20

00:01:24,440 --> 00:01:22,110

preference for the ETH did I miss hear

21

00:01:27,100 --> 00:01:24,450

this no gene you didn't miss hear it all

22

00:01:29,810 --> 00:01:27,110

the non pers a sort of non terrestrial

23

00:01:31,490 --> 00:01:29,820

theories behind what UFOs might resent

24

00:01:34,010 --> 00:01:31,500

represent I would favor the

25

00:01:35,899 --> 00:01:34,020

extra-terrestrial hypothesis it's always

26

00:01:36,950 --> 00:01:35,909

been the one that makes the most it's

27

00:01:39,649 --> 00:01:36,960

always been the one that makes the most

28

00:01:41,270 --> 00:01:39,659

sense to me it's the one that you can

29

00:01:43,100 --> 00:01:41,280

look at our own progression assuming

30

00:01:46,310 --> 00:01:43,110

that is missio Kaku and have everywhere

31

00:01:47,780 --> 00:01:46,320

to type 0 civilization meaning we can't

32

00:01:50,810 --> 00:01:47,790

even really get off her on the planet

33

00:01:52,700 --> 00:01:50,820

when we make the next logical leap it

34

00:01:54,170 --> 00:01:52,710

will be to leave the planet you know

35

00:01:57,350 --> 00:01:54,180

we're headed out to space we're not

36

00:01:58,940 --> 00:01:57,360

heading there today or tomorrow but

37

00:02:01,219 --> 00:01:58,950

we're heading there eventually assuming

38

00:02:03,499 --> 00:02:01,229

we survive as a species when you combine

39

00:02:07,039 --> 00:02:03,509

that with what seems to be a general

40

00:02:09,290 --> 00:02:07,049

scientific consensus that there is

41

00:02:11,790 --> 00:02:09,300

probably life not only in the universe

42

00:02:14,760 --> 00:02:11,800

but in our galaxy and

43

00:02:16,920 --> 00:02:14,770

ow in our solar system I was just

44

00:02:19,230 --> 00:02:16,930

reading a news article that I posted on

45

00:02:21,540 --> 00:02:19,240

my Facebook page about scientists at

46

00:02:23,940 --> 00:02:21,550

NASA thinking they've discovered at

47

00:02:26,040 --> 00:02:23,950

least the basics of life on one of

48

00:02:29,730 --> 00:02:26,050

Saturn's moons I think it was Titan and

49

00:02:31,290 --> 00:02:29,740

we also you know had people talking

50

00:02:33,140 --> 00:02:31,300

about the possibility that we may have

51
00:02:35,250 --> 00:02:33,150
discovered life or at least the

52
00:02:37,700 --> 00:02:35,260
foundational building blocks of life or

53
00:02:40,470 --> 00:02:37,710
the areas that life could exist on Mars

54
00:02:41,820 --> 00:02:40,480
so once you've discovered life within

55
00:02:43,200 --> 00:02:41,830
your own solar system or at least the

56
00:02:44,610 --> 00:02:43,210
possibility that there could be life on

57
00:02:46,710 --> 00:02:44,620
other planets and we're not talking

58
00:02:50,580 --> 00:02:46,720
about Martians or anything like that but

59
00:02:53,280 --> 00:02:50,590
life at its at its basic level then

60
00:02:55,020 --> 00:02:53,290
you've opened the door for the not just

61
00:02:56,970 --> 00:02:55,030
possibility but the probability given

62
00:02:59,010 --> 00:02:56,980
the number of solar systems and stars

63
00:03:01,590 --> 00:02:59,020

even in our own galaxy even in our own

64

00:03:05,190 --> 00:03:01,600

galactic neighborhood that some of them

65

00:03:07,740 --> 00:03:05,200

have life and as we discover more and

66

00:03:09,500 --> 00:03:07,750

more exoplanets I think we'll discover

67

00:03:13,140 --> 00:03:09,510

more and more planets that are

68

00:03:15,690 --> 00:03:13,150

earth-like or at least similar to ours

69

00:03:18,870 --> 00:03:15,700

in being able to support the kind of

70

00:03:21,180 --> 00:03:18,880

life that is supported here and once

71

00:03:22,740 --> 00:03:21,190

you've crossed that sort of Rubicon it

72

00:03:24,600 --> 00:03:22,750

doesn't quite become a fait accompli I

73

00:03:27,330 --> 00:03:24,610

would say that you still have to either

74

00:03:29,610 --> 00:03:27,340

go out there and find that life or stay

75

00:03:31,590 --> 00:03:29,620

here and communicate with it somehow if

76

00:03:33,560 --> 00:03:31,600

it's intelligent life but I think you

77

00:03:35,640 --> 00:03:33,570

can make a pretty reasonable assumption

78

00:03:36,930 --> 00:03:35,650

certainly on the balance of

79

00:03:39,240 --> 00:03:36,940

probabilities and I would say even

80

00:03:42,270 --> 00:03:39,250

beyond any reasonable doubt that there

81

00:03:44,370 --> 00:03:42,280

is life out there once you've gone that

82

00:03:45,900 --> 00:03:44,380

far and I think most scientists would

83

00:03:48,690 --> 00:03:45,910

tell you that they're willing to go that

84

00:03:51,420 --> 00:03:48,700

far now then it stands to reason given

85

00:03:52,650 --> 00:03:51,430

the age of the the galaxy forget the

86

00:03:56,130 --> 00:03:52,660

universe in the age of our own galaxy

87

00:03:58,320 --> 00:03:56,140

that some of that life would probably be

88

00:04:01,470 --> 00:03:58,330

more advanced than ours if it's

89

00:04:05,430 --> 00:04:01,480

intelligent and let's assume that it's

90

00:04:07,830 --> 00:04:05,440

more advanced by a factor of one or two

91

00:04:10,290 --> 00:04:07,840

you know a few hundred years maybe in a

92

00:04:12,020 --> 00:04:10,300

couple of thousand years which to us

93

00:04:14,790 --> 00:04:12,030

seems like a very long time but in the

94

00:04:16,890 --> 00:04:14,800

Galactic timeframe is a drop in the

95

00:04:19,860 --> 00:04:16,900

bucket then it would stand a reason I

96

00:04:21,930 --> 00:04:19,870

think that those civilizations may well

97

00:04:24,480 --> 00:04:21,940

have developed should have developed

98

00:04:25,470 --> 00:04:24,490

methods of star travel interstellar

99

00:04:27,960 --> 00:04:25,480

travel

100

00:04:30,120 --> 00:04:27,970

now whether they're coming here is a

101
00:04:32,190 --> 00:04:30,130
different question whether they would be

102
00:04:33,990 --> 00:04:32,200
coming here as biological entities or

103
00:04:36,000 --> 00:04:34,000
whether they would be doing frankly what

104
00:04:38,520 --> 00:04:36,010
we're doing to Mars now whether they're

105
00:04:39,750 --> 00:04:38,530
coming here or as biological entities or

106
00:04:42,570 --> 00:04:39,760
whether they're doing what we're doing

107
00:04:44,340 --> 00:04:42,580
to Mars now which is sending probes what

108
00:04:46,140 --> 00:04:44,350
we've done you know by Stephen sending

109
00:04:49,290 --> 00:04:46,150
the Voyager probe out they're sending

110
00:04:51,330 --> 00:04:49,300
robots or potentially artificial

111
00:04:53,040 --> 00:04:51,340
life-forms perhaps they're not even

112
00:04:54,650 --> 00:04:53,050
biological life-forms anymore perhaps

113
00:04:56,880 --> 00:04:54,660

we're dealing with a species that

114

00:05:00,390 --> 00:04:56,890

eventually in the Terminator syndrome

115

00:05:03,120 --> 00:05:00,400

was superseded by cybernetic or

116

00:05:05,160 --> 00:05:03,130

artificial life-forms who knows but

117

00:05:07,650 --> 00:05:05,170

maybe we do like that used to do in one

118

00:05:10,050 --> 00:05:07,660

science fiction series I read where the

119

00:05:12,450 --> 00:05:10,060

intelligence is when you want to travel

120

00:05:15,300 --> 00:05:12,460

through space you simply uploaded your

121

00:05:17,850 --> 00:05:15,310

consciousness to another body and that

122

00:05:20,100 --> 00:05:17,860

body would either make the trip or would

123

00:05:22,020 --> 00:05:20,110

be located on the other planet sure

124

00:05:23,970 --> 00:05:22,030

possibly it's kind of a stargate thing I

125

00:05:26,100 --> 00:05:23,980

suppose yes our universe has that

126

00:05:29,700 --> 00:05:26,110

feature if you know what's going on with

127

00:05:33,180 --> 00:05:29,710

a new series they are able to transfer

128

00:05:36,810 --> 00:05:33,190

the consciousness of people in the show

129

00:05:39,150 --> 00:05:36,820

from earth to this far off star system

130

00:05:41,940 --> 00:05:39,160

and other galaxies even though they

131

00:05:43,830 --> 00:05:41,950

could never meet in person gets to be

132

00:05:46,290 --> 00:05:43,840

kind of complicated it's one way of

133

00:05:48,930 --> 00:05:46,300

adding more guest stars to the show I

134

00:05:51,080 --> 00:05:48,940

guess probably you know at the end of

135

00:05:54,390 --> 00:05:51,090

the day I'm a big believer that the

136

00:05:56,940 --> 00:05:54,400

extra-terrestrial hypothesis is a valid

137

00:06:00,120 --> 00:05:56,950

working hypothesis to explain the UFO

138

00:06:03,600 --> 00:06:00,130

phenomenon where I would disagree with

139

00:06:05,550 --> 00:06:03,610

Kevin Randle or Sam Friedman is that I

140

00:06:06,900 --> 00:06:05,560

don't think it's been proved certainly

141

00:06:08,370 --> 00:06:06,910

beyond a reasonable doubt I don't even

142

00:06:10,320 --> 00:06:08,380

think it's been proof on the balance of

143

00:06:13,410 --> 00:06:10,330

probabilities I think Carl Sagan was

144

00:06:15,480 --> 00:06:13,420

right extraordinary claims and aliens

145

00:06:17,010 --> 00:06:15,490

visiting our planet is about the most

146

00:06:18,900 --> 00:06:17,020

extraordinary claim I can think I'm

147

00:06:20,760 --> 00:06:18,910

short of Jesus returning to the earth

148

00:06:22,350 --> 00:06:20,770

if Jesus returned to the earth call me a

149

00:06:24,210 --> 00:06:22,360

doubting Thomas and if aliens are coming

150

00:06:26,640 --> 00:06:24,220

to our planet call me a Deming Paul I

151
00:06:28,140 --> 00:06:26,650
think you need extraordinary evidence

152
00:06:30,240 --> 00:06:28,150
before you can make that extraordinary

153
00:06:32,040 --> 00:06:30,250
claim and present it as the

154
00:06:34,320 --> 00:06:32,050
extra-terrestrial fact not the

155
00:06:35,879 --> 00:06:34,330
extra-terrestrial hypothesis ok let's

156
00:06:38,379 --> 00:06:35,889
jump in with a

157
00:06:40,360 --> 00:06:38,389
consideration of other alternatives we

158
00:06:42,670 --> 00:06:40,370
have we understand was the thought

159
00:06:44,740 --> 00:06:42,680
experiment the late Mac Tony's and

160
00:06:47,650 --> 00:06:44,750
crypto terrestrials is there any

161
00:06:51,070 --> 00:06:47,660
possibility there is a civilization here

162
00:06:53,620 --> 00:06:51,080
on earth that is responsible for this no

163
00:06:56,140 --> 00:06:53,630

no not in my mind

164

00:06:57,550 --> 00:06:56,150

I gave Mac's book a good review because

165

00:06:59,290 --> 00:06:57,560

I think it's well written I think it

166

00:07:00,730 --> 00:06:59,300

raises a lot of interesting questions I

167

00:07:03,550 --> 00:07:00,740

think the most important thing about

168

00:07:05,470 --> 00:07:03,560

Mac's book is that he says it's the

169

00:07:07,180 --> 00:07:05,480

extra-terrestrial hypothesis it's time

170

00:07:09,310 --> 00:07:07,190

that it is not the only thing that we

171

00:07:11,440 --> 00:07:09,320

talk about that's the part of the book

172

00:07:14,140 --> 00:07:11,450

that I liked and I admire him for his

173

00:07:16,150 --> 00:07:14,150

thought experiment but Mac knew and I've

174

00:07:18,430 --> 00:07:16,160

certainly told him I never caught into

175

00:07:20,500 --> 00:07:18,440

the crypto terrestrial hypothesis is

176

00:07:20,830 --> 00:07:20,510

something that made particular sense to

177

00:07:23,260 --> 00:07:20,840

me

178

00:07:25,390 --> 00:07:23,270

I'm not even sure that Mac actually

179

00:07:26,620 --> 00:07:25,400

believed it in fact I'm sure he didn't

180

00:07:30,040 --> 00:07:26,630

believe in it in the sense that he was

181

00:07:31,690 --> 00:07:30,050

not presenting it as a proven fact I'm

182

00:07:33,159 --> 00:07:31,700

not even sure that at the end of the day

183

00:07:38,560 --> 00:07:33,169

he really thought it was the most

184

00:07:40,330 --> 00:07:38,570

logical hypothesis Mac began by sort of

185

00:07:42,550 --> 00:07:40,340

merging his interest in transhumanism

186

00:07:44,890 --> 00:07:42,560

and where we might be going as a species

187

00:07:47,380 --> 00:07:44,900

changing evolving with his interest in

188

00:07:50,890 --> 00:07:47,390

UFOs and his initial theory about where

189

00:07:51,940 --> 00:07:50,900

what UFOs might represent was very much

190

00:07:54,670 --> 00:07:51,950

along the lines of an artificial

191

00:07:56,680 --> 00:07:54,680

intelligence that was visiting us and I

192

00:07:58,270 --> 00:07:56,690

think particularly after he'd gone

193

00:08:00,520 --> 00:07:58,280

through the whole crypto terrestrial

194

00:08:03,640 --> 00:08:00,530

thought experiment I think he certainly

195

00:08:06,100 --> 00:08:03,650

still saw that as a valid theory I think

196

00:08:08,409 --> 00:08:06,110

deep down although who knows we never

197

00:08:11,050 --> 00:08:08,419

talked about it in his final days but I

198

00:08:13,390 --> 00:08:11,060

think deep down he still believed that

199

00:08:15,580 --> 00:08:13,400

that was the most likely scenario even

200

00:08:18,190 --> 00:08:15,590

as he kept his mind open and was

201
00:08:20,170 --> 00:08:18,200
exploring other possibilities and that's

202
00:08:21,790 --> 00:08:20,180
all to the good so the course we also

203
00:08:24,670 --> 00:08:21,800
have to look at those other

204
00:08:26,290 --> 00:08:24,680
possibilities like interdimensional the

205
00:08:28,020 --> 00:08:26,300
time travelers from the future that

206
00:08:32,040 --> 00:08:28,030
takes us back to the Terminator scenario

207
00:08:34,839 --> 00:08:32,050
where people from the future or

208
00:08:37,899 --> 00:08:34,849
cybernetic inventions in the future came

209
00:08:40,360 --> 00:08:37,909
back into the past to change history to

210
00:08:42,820 --> 00:08:40,370
interfere in some fashion yeah maybe I

211
00:08:44,500 --> 00:08:42,830
mean time travel again I've sat in a

212
00:08:45,820 --> 00:08:44,510
lecture with Misha Kaku where he said

213
00:08:48,520 --> 00:08:45,830

the time travel is theoretically

214

00:08:48,980 --> 00:08:48,530

possible but as I recall he says time

215

00:08:50,570 --> 00:08:48,990

travel

216

00:08:53,240 --> 00:08:50,580

theoretically possible going into the

217

00:08:55,880 --> 00:08:53,250

future but not going into the past you

218

00:08:57,860 --> 00:08:55,890

can't alter the past who knows I mean

219

00:08:58,870 --> 00:08:57,870

time travel you know you're at that

220

00:09:01,040 --> 00:08:58,880

point you're in some pretty esoteric

221

00:09:02,840 --> 00:09:01,050

theories and we really aren't just

222

00:09:04,280 --> 00:09:02,850

talking about theories I think space

223

00:09:06,290 --> 00:09:04,290

travel is the one that we can get our

224

00:09:09,230 --> 00:09:06,300

mind around because we can actually do

225

00:09:11,300 --> 00:09:09,240

it ourselves now we can't travel to the

226

00:09:12,829 --> 00:09:11,310

nearest star system and anyone who says

227

00:09:15,620 --> 00:09:12,839

well you know if you can just travel to

228

00:09:17,030 --> 00:09:15,630

Mars in the moon it's not that much

229

00:09:19,190 --> 00:09:17,040

harder to travel to the nearest star

230

00:09:21,470 --> 00:09:19,200

system they simply don't know what

231

00:09:24,350 --> 00:09:21,480

they're talking about it is a quantum

232

00:09:26,449 --> 00:09:24,360

leap to go from traveling to nearby

233

00:09:28,519 --> 00:09:26,459

celestial bodies like Mars and the moon

234

00:09:30,680 --> 00:09:28,529

we can't even get out to Mars right now

235

00:09:33,380 --> 00:09:30,690

much less beyond in our own solar system

236

00:09:35,060 --> 00:09:33,390

much less the vastness of space which

237

00:09:37,340 --> 00:09:35,070

when people talk about stuff like that I

238

00:09:39,440 --> 00:09:37,350

really don't think they understand what

239

00:09:41,000 --> 00:09:39,450

they're talking about so we can't do it

240

00:09:43,130 --> 00:09:41,010

but it doesn't mean other people can't

241

00:09:44,750 --> 00:09:43,140

do it all of these other things you will

242

00:09:47,300 --> 00:09:44,760

hear people talk about high strangeness

243

00:09:48,680 --> 00:09:47,310

and everything I think if you're dealing

244

00:09:51,230 --> 00:09:48,690

with extraterrestrials from other

245

00:09:52,910 --> 00:09:51,240

planets that can account for any any

246

00:09:54,800 --> 00:09:52,920

number of any one of the high

247

00:09:56,540 --> 00:09:54,810

strangeness aspects of UFO sightings

248

00:09:59,900 --> 00:09:56,550

because you would be dealing with an

249

00:10:01,699 --> 00:09:59,910

intelligence a species a race of beings

250

00:10:04,430 --> 00:10:01,709

that would be I think radically

251
00:10:05,840 --> 00:10:04,440
different from our own and so everything

252
00:10:07,579 --> 00:10:05,850
you know all bets are off at that point

253
00:10:09,829 --> 00:10:07,589
so the fact that you would be having

254
00:10:11,510 --> 00:10:09,839
high strangeness cases to me has never

255
00:10:13,850 --> 00:10:11,520
indicated that it couldn't be the

256
00:10:15,380 --> 00:10:13,860
extra-terrestrial hypothesis indeed I

257
00:10:16,850 --> 00:10:15,390
would think that if you're dealing with

258
00:10:19,600 --> 00:10:16,860
extraterrestrial so gonna be pretty

259
00:10:22,130 --> 00:10:19,610
strange so the high strangeness aspects

260
00:10:23,000 --> 00:10:22,140
would make sense to me especially maybe

261
00:10:24,500 --> 00:10:23,010
you know maybe they would be

262
00:10:26,120 --> 00:10:24,510
experimenting with us or something like

263
00:10:28,610 --> 00:10:26,130

that who knows I mean if you're a rat

264

00:10:29,990 --> 00:10:28,620

and let in a maze and you're dealing

265

00:10:31,220 --> 00:10:30,000

with experiments being run on you by

266

00:10:33,019 --> 00:10:31,230

human scientists if you could actually

267

00:10:34,940 --> 00:10:33,029

think it through you go well this is all

268

00:10:37,220 --> 00:10:34,950

pretty strange the cheese was over there

269

00:10:38,930 --> 00:10:37,230

yesterday now it's over here and I don't

270

00:10:40,310 --> 00:10:38,940

even know what that pink Mouse is that

271

00:10:42,110 --> 00:10:40,320

they've got over here and what they just

272

00:10:44,300 --> 00:10:42,120

injected in me but it's all very strange

273

00:10:46,010 --> 00:10:44,310

highly strange well that doesn't mean

274

00:10:48,800 --> 00:10:46,020

that the doctor and the scientist is

275

00:10:50,150 --> 00:10:48,810

from another dimension so and Stan we

276

00:10:51,650 --> 00:10:50,160

can talk to Stan about this but Stan

277

00:10:53,720 --> 00:10:51,660

doesn't rule out things like the extra

278

00:10:55,880 --> 00:10:53,730

dimensional okay now you've just pre

279

00:10:57,680 --> 00:10:55,890

mentioned or basically prejudged our

280

00:11:00,930 --> 00:10:57,690

guests that haven't been announced yet

281

00:11:02,910 --> 00:11:00,940

so since you opened that door we

282

00:11:05,100 --> 00:11:02,920

have two guests one of whom is very

283

00:11:07,740 --> 00:11:05,110

close to you and one of whom is far away

284

00:11:09,870 --> 00:11:07,750

or whatever tell us about the guests and

285

00:11:11,880 --> 00:11:09,880

why they're here today well Sam Friedman

286

00:11:14,160 --> 00:11:11,890

I would hope needs no introduction he's

287

00:11:16,650 --> 00:11:14,170

been for good or ill mostly good

288

00:11:20,040 --> 00:11:16,660

sometimes he'll probably the foremost

289

00:11:22,530 --> 00:11:20,050

UFO researcher yeah the last 30 years

290

00:11:25,230 --> 00:11:22,540

and perhaps even 40 years certainly

291

00:11:29,010 --> 00:11:25,240

after Hynek died I think Friedman has

292

00:11:32,190 --> 00:11:29,020

been the face of public UFO research in

293

00:11:33,900 --> 00:11:32,200

kathleen martin is an author she's done

294

00:11:36,450 --> 00:11:33,910

a lot of work with MUFON over the years

295

00:11:38,310 --> 00:11:36,460

I believe although Jean you can

296

00:11:39,810 --> 00:11:38,320

double-check her biography I believe she

297

00:11:42,990 --> 00:11:39,820

was the director of scientific research

298

00:11:45,710 --> 00:11:43,000

if such a thing exists with MUFON I

299

00:11:48,690 --> 00:11:45,720

think she was it and she in stands now

300

00:11:51,680 --> 00:11:48,700

co-authored two books she's the niece to

301
00:11:53,640 --> 00:11:51,690
Betty and Barney Hill the first book was

302
00:11:55,890 --> 00:11:53,650
captured which was the Betty and Barney

303
00:11:57,200 --> 00:11:55,900
Hill story and now their new book which

304
00:11:59,040 --> 00:11:57,210
is what they're here to talk about today

305
00:12:01,050 --> 00:11:59,050
science was wrong

306
00:12:03,690 --> 00:12:01,060
startling truths about cures theories

307
00:12:06,720 --> 00:12:03,700
and inventions they in quotation marks

308
00:12:08,610 --> 00:12:06,730
declared impossible we're going to hear

309
00:12:14,910 --> 00:12:08,620
more of the impossible coming up next on

310
00:12:16,530 --> 00:12:14,920
the podcast hi this is tomorrow from new

311
00:12:18,330 --> 00:12:16,540
chief we're a domain name and web

312
00:12:20,640 --> 00:12:18,340
hosting company and we really care about

313
00:12:23,130 --> 00:12:20,650

our customers with domain name purchases

314

00:12:24,930 --> 00:12:23,140

Namecheap offers free SSL and free who

315

00:12:26,850 --> 00:12:24,940

is guard for a year to protect your

316

00:12:28,590 --> 00:12:26,860

identity from spammers we won't bother

317

00:12:30,330 --> 00:12:28,600

you with unwanted messaging in your

318

00:12:32,130 --> 00:12:30,340

inbox or upon checkout but most

319

00:12:34,110 --> 00:12:32,140

importantly we care about you our

320

00:12:36,300 --> 00:12:34,120

customers your satisfaction and

321

00:12:38,130 --> 00:12:36,310

happiness is our primary focus because

322

00:12:40,050 --> 00:12:38,140

your support means so much to us if

323

00:12:42,930 --> 00:12:40,060

you'd like to learn more please visit us

324

00:12:44,820 --> 00:12:42,940

at radio name chief comm for web hosting

325

00:12:46,560 --> 00:12:44,830

and domain name specials you can also

326

00:12:48,870 --> 00:12:46,570

follow us on twitter at twitter.com

327

00:12:50,970 --> 00:12:48,880

slash Namecheap where we host many great

328

00:12:53,400 --> 00:12:50,980

contests or become a fan of ours on

329

00:12:54,580 --> 00:12:53,410

facebook at facebook.com slash Namecheap

330

00:12:56,460 --> 00:12:54,590

see you online

331

00:12:59,380 --> 00:12:56,470

[Music]

332

00:13:00,910 --> 00:12:59,390

we want to hear from you if you have a

333

00:13:04,420 --> 00:13:00,920

comment or question about the podcast

334

00:13:07,930 --> 00:13:04,430

send it to [news at the podcast com](mailto:news@the-podcast.com)

335

00:13:09,820 --> 00:13:07,940

that's [news at the podcast calm](https://news.the-podcast.com) and

336

00:13:11,530 --> 00:13:09,830

don't forget to visit our forums where

337

00:13:14,080 --> 00:13:11,540

you can talk to fellow listeners just go

338

00:13:16,570 --> 00:13:14,090

to the para cast comm and click on the

339

00:13:26,540 --> 00:13:16,580

forum links that's the forum links at

340

00:13:30,860 --> 00:13:28,430

this is Leslie Kane and I'm with the

341

00:13:34,280 --> 00:13:30,870

Coalition for freedom of information and

342

00:13:36,230 --> 00:13:34,290

you are listening to the podcast the

343

00:13:39,110 --> 00:13:36,240

co-host is Paul Kimball our guests

344

00:13:42,949 --> 00:13:39,120

Kathleen Martin and Stanton T Friedman

345

00:13:45,290 --> 00:13:42,959

the book is called science was wrong I

346

00:13:46,970 --> 00:13:45,300

guess we could say that every so often

347

00:13:49,190 --> 00:13:46,980

because science is frequently wrong

348

00:13:50,810 --> 00:13:49,200

about things and then we change the

349

00:13:51,199 --> 00:13:50,820

science and then we're right all over

350

00:13:53,780 --> 00:13:51,209

again

351
00:13:56,540 --> 00:13:53,790
so Stanton welcome back after a couple

352
00:13:58,480 --> 00:13:56,550
of years to the power cast can you tell

353
00:14:01,819 --> 00:13:58,490
us other than UFOs which we'll get into

354
00:14:05,120 --> 00:14:01,829
maybe one or two areas where science was

355
00:14:07,660 --> 00:14:05,130
wrong in a significant way well we did

356
00:14:12,319 --> 00:14:07,670
seven chapters of the 14 in the book and

357
00:14:16,480 --> 00:14:12,329
I spoke mostly to the physical stuff if

358
00:14:18,410 --> 00:14:16,490
you will I looked at aviation space

359
00:14:21,769 --> 00:14:18,420
global warming

360
00:14:25,280 --> 00:14:21,779
cold fusion here's some controversial

361
00:14:27,410 --> 00:14:25,290
areas there may be well you know let's

362
00:14:30,019 --> 00:14:27,420
let's jump into some of this controversy

363
00:14:31,490 --> 00:14:30,029

and of course it's a paranormal show but

364

00:14:33,590 --> 00:14:31,500

sometimes some of these things are

365

00:14:36,500 --> 00:14:33,600

paranormal a lot of stuff going on about

366

00:14:39,650 --> 00:14:36,510

global warming who got it wrong and

367

00:14:42,980 --> 00:14:39,660

what's right about global warming well I

368

00:14:45,170 --> 00:14:42,990

think that first of all like climate

369

00:14:47,090 --> 00:14:45,180

changes all the time I mean that's

370

00:14:48,710 --> 00:14:47,100

almost by definition you know you're

371

00:14:51,470 --> 00:14:48,720

today cousin tomorrow kind of thing

372

00:14:53,240 --> 00:14:51,480

maybe three days later so the question

373

00:14:55,370 --> 00:14:53,250

isn't whether the climate changes from

374

00:14:59,000 --> 00:14:55,380

day to day year to year decade to decade

375

00:15:01,730 --> 00:14:59,010

the question is is it caused by man that

376

00:15:05,300 --> 00:15:01,740

fancy phrase anthropogenic global

377

00:15:08,150 --> 00:15:05,310

warming agw and that's where the problem

378

00:15:10,670 --> 00:15:08,160

comes because it turns out and there's a

379

00:15:13,730 --> 00:15:10,680

lot of recent work to support this that

380

00:15:16,760 --> 00:15:13,740

the real driver behind so-called global

381

00:15:20,329 --> 00:15:16,770

warming is Mother Nature El Nino of

382

00:15:23,240 --> 00:15:20,339

course but also the Sun and we used to

383

00:15:26,360 --> 00:15:23,250

think that the Sun was constant in its

384

00:15:28,759 --> 00:15:26,370

output of energy so obviously if it is

385

00:15:30,500 --> 00:15:28,769

the amount we get here on earth and all

386

00:15:33,139 --> 00:15:30,510

the other planets is constant doesn't

387

00:15:35,360 --> 00:15:33,149

change with time now we know that that

388

00:15:37,210 --> 00:15:35,370

is a false picture that there's a lot

389

00:15:39,290 --> 00:15:37,220

going on there's some very recent

390

00:15:42,620 --> 00:15:39,300

satellites that have blown up

391

00:15:48,170 --> 00:15:42,630

that turn out the Sun is a variable star

392

00:15:50,360 --> 00:15:48,180

really and so there are cycles partly

393

00:15:52,460 --> 00:15:50,370

due to the positions of the planets that

394

00:15:54,440 --> 00:15:52,470

change their conditions on the surface

395

00:15:58,790 --> 00:15:54,450

of the Sun local gravitational field

396

00:16:00,530 --> 00:15:58,800

11-year cycle a 200 year cycle and we've

397

00:16:02,870 --> 00:16:00,540

come out of one we're going into another

398

00:16:04,329 --> 00:16:02,880

there's been a little ice age there have

399

00:16:07,639 --> 00:16:04,339

been times when there's been far more

400

00:16:11,930 --> 00:16:07,649

co2 in the atmosphere that wasn't due to

401
00:16:15,889 --> 00:16:11,940
man where the climate was ok and it's

402
00:16:18,470 --> 00:16:15,899
easy to point to a villain evils co2 wow

403
00:16:21,769 --> 00:16:18,480
we got to limit it to 350 parts per

404
00:16:24,110 --> 00:16:21,779
million and if we don't all I was gonna

405
00:16:26,569 --> 00:16:24,120
break loose literally it's going to be

406
00:16:29,540 --> 00:16:26,579
so hot in the water it's gonna overflow

407
00:16:31,130 --> 00:16:29,550
you know the whole litany of things what

408
00:16:35,000 --> 00:16:31,140
turns out that's been greatly

409
00:16:39,340 --> 00:16:35,010
exaggerated we tend to forget that co2

410
00:16:43,220 --> 00:16:39,350
isn't even the most abundant gas a

411
00:16:46,819 --> 00:16:43,230
greenhouse gas water vapor is a lot

412
00:16:48,620 --> 00:16:46,829
harder to predict secondly people have

413
00:16:50,870 --> 00:16:48,630

forgotten their on botany I guess

414

00:16:54,740 --> 00:16:50,880

because co2 is vital for the growth of

415

00:16:57,110 --> 00:16:54,750

plants and third it's the implications

416

00:17:01,780 --> 00:16:57,120

of all of this that we really need to

417

00:17:04,939 --> 00:17:01,790

look into if you believe the agw guys

418

00:17:09,020 --> 00:17:04,949

the rest of the world should spend a few

419

00:17:11,900 --> 00:17:09,030

hundred billion dollars to let the poor

420

00:17:15,799 --> 00:17:11,910

third world countries make up for the

421

00:17:19,010 --> 00:17:15,809

fact that we in the advanced world have

422

00:17:21,309 --> 00:17:19,020

fouled up the planet and you know where

423

00:17:23,600 --> 00:17:21,319

the money's gonna come from nobody knows

424

00:17:25,250 --> 00:17:23,610

except it isn't going to come from the

425

00:17:27,829 --> 00:17:25,260

third-world countries that much we do

426

00:17:31,760 --> 00:17:27,839

know so I've done into that in some

427

00:17:34,190 --> 00:17:31,770

detail there are villains here and you

428

00:17:36,320 --> 00:17:34,200

know I like the term Watergate cosmic

429

00:17:40,159 --> 00:17:36,330

Watergate but here we're talking about a

430

00:17:43,430 --> 00:17:40,169

Climategate the doings that East Anglia

431

00:17:45,980 --> 00:17:43,440

University and so forth they're a great

432

00:17:48,890 --> 00:17:45,990

deal of indication that politics have

433

00:17:51,799 --> 00:17:48,900

dominated over science you know research

434

00:17:52,350 --> 00:17:51,809

grants Paul you know about that derby

435

00:17:55,500 --> 00:17:52,360

social

436

00:17:57,810 --> 00:17:55,510

there were lots to get a research grant

437

00:17:59,700 --> 00:17:57,820

it's the indication those stand really

438

00:18:02,190 --> 00:17:59,710

that politics on this issue have

439

00:18:04,860 --> 00:18:02,200

dominated over science or that politics

440

00:18:07,169 --> 00:18:04,870

in some instances and the East Anglia

441

00:18:09,090 --> 00:18:07,179

one is obviously the most egregious one

442

00:18:13,169 --> 00:18:09,100

that most people I think are aware of

443

00:18:15,030 --> 00:18:13,179

may have had a role to play but may not

444

00:18:17,580 --> 00:18:15,040

have been determinative and I would just

445

00:18:19,650 --> 00:18:17,590

point you to there was a debate on the

446

00:18:21,510 --> 00:18:19,660

podcast forums about this and I put up a

447

00:18:23,970 --> 00:18:21,520

quote very recent quote from the

448

00:18:25,200 --> 00:18:23,980

National Research Council which is you

449

00:18:27,270 --> 00:18:25,210

would notice the operating arm at the

450

00:18:30,210 --> 00:18:27,280

National Academy of Sciences and the

451
00:18:32,130 --> 00:18:30,220
National Academy of Engineering so if

452
00:18:35,130 --> 00:18:32,140
anybody's going to represent still a

453
00:18:37,590 --> 00:18:35,140
broad consensus it's probably those guys

454
00:18:39,450 --> 00:18:37,600
and they say their conclusion was a

455
00:18:41,760 --> 00:18:39,460
strong credible body of scientific

456
00:18:43,980 --> 00:18:41,770
evidence shows that climate change is

457
00:18:45,690 --> 00:18:43,990
occurring so you're so far in agreement

458
00:18:47,549 --> 00:18:45,700
with that here's where they differ from

459
00:18:48,990 --> 00:18:47,559
you or at least from what you're

460
00:18:52,560 --> 00:18:49,000
pointing out in the book is caused

461
00:18:54,840 --> 00:18:52,570
largely by human activities and poses

462
00:18:58,110 --> 00:18:54,850
significant risks for a broad range of

463
00:19:00,539 --> 00:18:58,120

human and natural systems so you've

464

00:19:02,730 --> 00:19:00,549

looked into this issue do you disagree

465

00:19:04,830 --> 00:19:02,740

now with the National Research Council I

466

00:19:07,350 --> 00:19:04,840

do as a matter of fact in England within

467

00:19:10,500 --> 00:19:07,360

the last few weeks a couple of their big

468

00:19:12,600 --> 00:19:10,510

committees have decided - maybe we

469

00:19:14,370 --> 00:19:12,610

better look at this whole business maybe

470

00:19:18,539 --> 00:19:14,380

we were a little precipitous and

471

00:19:22,169 --> 00:19:18,549

endorsing this whole agw stuff and so

472

00:19:24,450 --> 00:19:22,179

it's a contentious issue we got all the

473

00:19:28,710 --> 00:19:24,460

world politics involved I mean how many

474

00:19:31,289 --> 00:19:28,720

countries are on the IPCC 2,000 people

475

00:19:35,070 --> 00:19:31,299

there representing the whole world great

476

00:19:37,140 --> 00:19:35,080

jobs great research grants I think that

477

00:19:39,000 --> 00:19:37,150

we will find there's a couple of new

478

00:19:40,140 --> 00:19:39,010

satellites and I'm waiting you know and

479

00:19:42,539 --> 00:19:40,150

it's going to take a while to get all

480

00:19:46,200 --> 00:19:42,549

the data from these guys there's a big

481

00:19:49,140 --> 00:19:46,210

Russian study about periodicity the

482

00:19:51,570 --> 00:19:49,150

climate varies yes but let's not blame

483

00:19:55,409 --> 00:19:51,580

it on evil co2 and I think these guys

484

00:19:58,860 --> 00:19:55,419

are off face yes somebody's about the

485

00:20:01,799 --> 00:19:58,870

heat no so are you saying that we should

486

00:20:03,210 --> 00:20:01,809

take co2 completely out of the mix and

487

00:20:04,650 --> 00:20:03,220

say there's absolutely nothing to it

488

00:20:05,370 --> 00:20:04,660

global warming has nothing to do with

489

00:20:08,070 --> 00:20:05,380

human act

490

00:20:11,370 --> 00:20:08,080

all these factories that we have putting

491

00:20:13,860 --> 00:20:11,380

coal not and by we I mean humans because

492

00:20:17,039 --> 00:20:13,870

the predominant emitters now are in the

493

00:20:18,630 --> 00:20:17,049

third-world countries not not in the

494

00:20:20,310 --> 00:20:18,640

Western world we had our kick and again

495

00:20:22,770 --> 00:20:20,320

that's that's the big argument between

496

00:20:24,270 --> 00:20:22,780

the third and first world's they said

497

00:20:26,130 --> 00:20:24,280

what was good there's another argument

498

00:20:28,830 --> 00:20:26,140

too and that is how we should be

499

00:20:31,680 --> 00:20:28,840

producing energy and should we switch

500

00:20:33,750 --> 00:20:31,690

over to solar and wind and subsidize

501
00:20:36,270 --> 00:20:33,760
them that great extent even though

502
00:20:38,520 --> 00:20:36,280
they're more expensive and that's you

503
00:20:41,159 --> 00:20:38,530
know that's part of this picture what

504
00:20:42,659 --> 00:20:41,169
should be done and in Europe some of the

505
00:20:45,720 --> 00:20:42,669
countries Germany I have stopped

506
00:20:47,640 --> 00:20:45,730
subsidizing building facilities that are

507
00:20:49,380 --> 00:20:47,650
guaranteed to produce power at a greater

508
00:20:52,080 --> 00:20:49,390
cost than the ones that they have and

509
00:20:53,610 --> 00:20:52,090
that makes their manufacturers less

510
00:20:55,380 --> 00:20:53,620
competitive you know there are all kinds

511
00:20:59,190 --> 00:20:55,390
of implications of that kind of stuff

512
00:21:00,120 --> 00:20:59,200
and so I'm saying not that the co2

513
00:21:04,760 --> 00:21:00,130

doesn't matter

514

00:21:08,399 --> 00:21:04,770

every tree around would like to get more

515

00:21:11,159 --> 00:21:08,409

that it's only a part of the picture and

516

00:21:13,680 --> 00:21:11,169

that climate and global warming are

517

00:21:17,580 --> 00:21:13,690

complicated issues that have been vastly

518

00:21:20,520 --> 00:21:17,590

oversimplified by making co2 into the

519

00:21:22,409 --> 00:21:20,530

evil character in this drama well and

520

00:21:24,270 --> 00:21:22,419

that sort of leads to a broader question

521

00:21:25,740 --> 00:21:24,280

I wouldn't disagree with you I do

522

00:21:27,270 --> 00:21:25,750

disagree with you on climate change I

523

00:21:29,190 --> 00:21:27,280

wouldn't disagree with you on that point

524

00:21:31,560 --> 00:21:29,200

that the discussion has been

525

00:21:34,049 --> 00:21:31,570

oversimplified in the media and by

526

00:21:35,940 --> 00:21:34,059

politicians but isn't that always going

527

00:21:38,580 --> 00:21:35,950

to be the case when you're dealing with

528

00:21:44,399 --> 00:21:38,590

science because the vast majority people

529

00:21:46,680 --> 00:21:44,409

don't understand science so you know

530

00:21:48,750 --> 00:21:46,690

what you're gonna get is at best the

531

00:21:50,340 --> 00:21:48,760

Coles Notes version I mean I attended a

532

00:21:53,159 --> 00:21:50,350

lecture this time last year in London

533

00:21:54,930 --> 00:21:53,169

with Michio Kaku who stood up and did

534

00:21:56,610 --> 00:21:54,940

what Sagan did which was trying

535

00:21:58,980 --> 00:21:56,620

I don't think dumb downsides but make it

536

00:22:00,930 --> 00:21:58,990

accessible to your average layperson but

537

00:22:04,049 --> 00:22:00,940

at the end of the day he's dumbing it

538

00:22:05,399 --> 00:22:04,059

down he's talking about things trying to

539

00:22:07,140 --> 00:22:05,409

make it understandable for all the rest

540

00:22:08,730 --> 00:22:07,150

of us I've seen you do it when talking

541

00:22:10,409 --> 00:22:08,740

about wormholes and you used the little

542

00:22:11,850 --> 00:22:10,419

paper thing and you you bring the two

543

00:22:14,520 --> 00:22:11,860

edges together and explain how you could

544

00:22:15,570 --> 00:22:14,530

travel through space but for the rest of

545

00:22:17,220 --> 00:22:15,580

us to have a reasonable conversation

546

00:22:18,070 --> 00:22:17,230

about something that we really don't

547

00:22:20,260 --> 00:22:18,080

understand

548

00:22:22,840 --> 00:22:20,270

and at best we're going to be getting

549

00:22:24,900 --> 00:22:22,850

sound bites for can you really blame it

550

00:22:27,910 --> 00:22:24,910

we blame people for sort of taking

551

00:22:29,500 --> 00:22:27,920

perhaps a less nuanced view of it than

552

00:22:32,020 --> 00:22:29,510

you might otherwise expect to scientists

553

00:22:34,480 --> 00:22:32,030

to take no I can't do we live in that

554

00:22:36,520 --> 00:22:34,490

kind of a world I guess I would say but

555

00:22:38,710 --> 00:22:36,530

the problem here is that their

556

00:22:42,520 --> 00:22:38,720

implications of some of these things

557

00:22:44,650 --> 00:22:42,530

Pepe did a great job for example about

558

00:22:47,770 --> 00:22:44,660

those guys who were trying to exclude

559

00:22:49,690 --> 00:22:47,780

all but the most desirable people from

560

00:22:51,970 --> 00:22:49,700

the country that had serious

561

00:22:54,520 --> 00:22:51,980

implications Hitler took care of that

562

00:22:57,190 --> 00:22:54,530

and the voices of reason what speaking

563

00:22:59,260 --> 00:22:57,200

helped a lot don't you find that to be

564

00:23:04,060 --> 00:22:59,270

the case Katherine yes that's absolutely

565

00:23:06,870 --> 00:23:04,070

true some people within the academic

566

00:23:10,420 --> 00:23:06,880

realm were speaking out but it wasn't

567

00:23:12,310 --> 00:23:10,430

widespread and the implications of what

568

00:23:16,120 --> 00:23:12,320

they were trying to do are pretty severe

569

00:23:18,010 --> 00:23:16,130

as is discussed in the book what I'm

570

00:23:20,740 --> 00:23:18,020

saying is there are issues that have

571

00:23:23,890 --> 00:23:20,750

relevance to the lives of many people

572

00:23:27,490 --> 00:23:23,900

that need to be gone over very carefully

573

00:23:29,170 --> 00:23:27,500

before one jumps on the bandwagon so to

574

00:23:31,420 --> 00:23:29,180

speaking you know when maybe it's the

575

00:23:33,190 --> 00:23:31,430

24-hour news cycle I don't know what

576

00:23:34,930 --> 00:23:33,200

drives all this stuff

577

00:23:37,570 --> 00:23:34,940

maybe it's people need to learn more

578

00:23:40,300 --> 00:23:37,580

about science maybe we're not interested

579

00:23:42,130 --> 00:23:40,310

in that kind of controversy people are

580

00:23:44,440 --> 00:23:42,140

afraid to speak out I you know there are

581

00:23:47,470 --> 00:23:44,450

awful lot of professors who might want

582

00:23:49,600 --> 00:23:47,480

to speak out on subjects but do you wish

583

00:23:52,000 --> 00:23:49,610

you might lose research grants you know

584

00:23:53,950 --> 00:23:52,010

I've heard people on the UFO subject

585

00:23:56,470 --> 00:23:53,960

don't tell anybody I'm interested you

586

00:24:01,120 --> 00:23:56,480

know because it would hurt my future and

587

00:24:03,490 --> 00:24:01,130

so when we don't have the access to the

588

00:24:05,380 --> 00:24:03,500

people who could bring a little cleanse

589

00:24:07,810 --> 00:24:05,390

to the discussion we're in deeper

590

00:24:10,870 --> 00:24:07,820

trouble and yes dumbing down is a

591

00:24:13,930 --> 00:24:10,880

problem but part of the dumbing down has

592

00:24:16,270 --> 00:24:13,940

been and ratio is is a good example of

593

00:24:19,630 --> 00:24:16,280

this when you start talking about string

594

00:24:22,630 --> 00:24:19,640

theory and multi-dimensional spaces and

595

00:24:24,310 --> 00:24:22,640

stuff like that how else can you talk

596

00:24:26,710 --> 00:24:24,320

you're not going to talk about how many

597

00:24:27,780 --> 00:24:26,720

equations it takes to describe it on the

598

00:24:29,460 --> 00:24:27,790

other hand

599

00:24:31,320 --> 00:24:29,470

those are things that have gotten by for

600

00:24:35,310 --> 00:24:31,330

years without having validation

601
00:24:37,050 --> 00:24:35,320
particularly interesting theory kind of

602
00:24:39,000 --> 00:24:37,060
thing and who can argue if we can't go

603
00:24:40,740 --> 00:24:39,010
through all the math that doesn't mean

604
00:24:43,170 --> 00:24:40,750
the methods right it's the difference

605
00:24:45,450 --> 00:24:43,180
between science fact proven science fact

606
00:24:47,730 --> 00:24:45,460
and well I wouldn't say science fiction

607
00:24:50,580 --> 00:24:47,740
but science theory and I think in that

608
00:24:52,950 --> 00:24:50,590
case Kaku recognizes that string theory

609
00:24:54,960 --> 00:24:52,960
I mean he calls it string theory so I

610
00:24:57,780 --> 00:24:54,970
think he believes that it's valid but I

611
00:25:00,120 --> 00:24:57,790
think he also understands that it's not

612
00:25:02,190 --> 00:25:00,130
proven yet to be valid in the same way

613
00:25:03,330 --> 00:25:02,200

that gravity is for instance or or

614

00:25:06,240 --> 00:25:03,340

something like that and we know it's

615

00:25:09,210 --> 00:25:06,250

there yeah one final question for you on

616

00:25:10,740 --> 00:25:09,220

the on the global warming thing and then

617

00:25:12,150 --> 00:25:10,750

maybe we can switch over to eugenics

618

00:25:14,070 --> 00:25:12,160

because that's something I've almost

619

00:25:17,130 --> 00:25:14,080

found interesting and I think is as

620

00:25:18,720 --> 00:25:17,140

timely today as it was 70 or 80 years

621

00:25:20,280 --> 00:25:18,730

ago as a subject but one final thing on

622

00:25:23,130 --> 00:25:20,290

the global warming thing and let me be

623

00:25:25,140 --> 00:25:23,140

cheeky here what kind of power stand

624

00:25:27,900 --> 00:25:25,150

would you suggest that if we were to

625

00:25:29,790 --> 00:25:27,910

replace co2 or at least you know have

626
00:25:33,000 --> 00:25:29,800
less of it what kind of power should we

627
00:25:36,780 --> 00:25:33,010
be using where should we be the answer

628
00:25:38,640 --> 00:25:36,790
is twofold you know no waste power the

629
00:25:42,750 --> 00:25:38,650
way we do all over the place all the

630
00:25:45,540 --> 00:25:42,760
time and secondly nuclear power and that

631
00:25:48,060 --> 00:25:45,550
leads of course to electric vehicles and

632
00:25:52,260 --> 00:25:48,070
stuff you use nuclear power to produce

633
00:25:55,620 --> 00:25:52,270
the electricity you gain a double

634
00:25:57,690 --> 00:25:55,630
advantage I think and the thing is the

635
00:25:59,910 --> 00:25:57,700
world is gearing up there already over

636
00:26:02,130 --> 00:25:59,920
400 nuclear power plants around the

637
00:26:04,860 --> 00:26:02,140
world operating safely and there's a

638
00:26:06,990 --> 00:26:04,870

whole bunch in the planning stage and I

639

00:26:10,470 --> 00:26:07,000

Canada is trying to get into the act and

640

00:26:12,630 --> 00:26:10,480

if I can get a ECL straight they might

641

00:26:16,800 --> 00:26:12,640

get there but some of the attacks on

642

00:26:19,320 --> 00:26:16,810

nuclear power are pretty irrational I

643

00:26:21,150 --> 00:26:19,330

found their legitimate concerns my

644

00:26:25,580 --> 00:26:21,160

goodness I don't want to spray the world

645

00:26:28,920 --> 00:26:25,590

with excess radioactivity but I think

646

00:26:31,410 --> 00:26:28,930

nuclear is the obvious choice and when

647

00:26:37,080 --> 00:26:31,420

you look at that mess down and the Gulf

648

00:26:38,430 --> 00:26:37,090

you say we don't do that well yeah the

649

00:26:39,810 --> 00:26:38,440

only question I would have is I was

650

00:26:41,909 --> 00:26:39,820

living in the United Kingdom

651
00:26:44,070 --> 00:26:41,919
when the Chernobyl disaster happened and

652
00:26:46,349 --> 00:26:44,080
I have a feeling that as bad as the Gulf

653
00:26:48,690 --> 00:26:46,359
oil spill is going to be there's going

654
00:26:51,419 --> 00:26:48,700
to be fewer people died as a result of

655
00:26:53,430 --> 00:26:51,429
it in fewer long-term implications then

656
00:26:54,989 --> 00:26:53,440
there were fortune Obul but you know

657
00:26:56,729 --> 00:26:54,999
both are bad I think you could agree

658
00:27:00,269 --> 00:26:56,739
that both the Gulf oil spill and the

659
00:27:03,779 --> 00:27:00,279
nuclear meltdown are both bad things yes

660
00:27:04,950 --> 00:27:03,789
just which is why I think a lot of

661
00:27:07,859 --> 00:27:04,960
people look and they point to things

662
00:27:09,239 --> 00:27:07,869
like solar power and wind power and they

663
00:27:17,279 --> 00:27:09,249

say well okay maybe these are better

664

00:27:19,560 --> 00:27:17,289

alternatives picture this you're on the

665

00:27:22,200 --> 00:27:19,570

phone with a client or colleague trying

666

00:27:25,349 --> 00:27:22,210

to explain something visual a PowerPoint

667

00:27:27,899 --> 00:27:25,359

a keynote presentation a website but

668

00:27:29,820 --> 00:27:27,909

it's frustrating because they can't see

669

00:27:32,759 --> 00:27:29,830

what you're talking about the solution

670

00:27:36,479 --> 00:27:32,769

good news they can if you invite them to

671

00:27:38,820 --> 00:27:36,489

an online meeting using GoToMeeting then

672

00:27:41,310 --> 00:27:38,830

they can see your computer desktop on

673

00:27:43,560 --> 00:27:41,320

their computer screen so you can show

674

00:27:44,879 --> 00:27:43,570

them what you're talking about I use go

675

00:27:47,460 --> 00:27:44,889

to meeting all the time to collaborate

676
00:27:50,759 --> 00:27:47,470
with colleagues and with clients you can

677
00:27:54,629 --> 00:27:50,769
try go to meeting free for 30-days but

678
00:27:58,409 --> 00:27:54,639
you must visit go to meetings / podcasts

679
00:28:04,570 --> 00:27:58,419
let's go to meeting.com slash podcasts

680
00:28:10,620 --> 00:28:07,840
this is the bear gasps you never know

681
00:28:14,040 --> 00:28:10,630
what's gonna happen next

682
00:28:19,050 --> 00:28:16,470
on the parent cast this week we have

683
00:28:22,470 --> 00:28:19,060
Paul Kimball our co-host and we're

684
00:28:24,930 --> 00:28:22,480
featuring Kathleen Martin and Stanton T

685
00:28:26,730 --> 00:28:24,940
Friedman and they are collectively

686
00:28:28,650 --> 00:28:26,740
authors of a new book called science was

687
00:28:32,070 --> 00:28:28,660
wrong startling truths about cures

688
00:28:32,880 --> 00:28:32,080

theories and inventions they declared

689

00:28:34,680 --> 00:28:32,890

impossible

690

00:28:36,960 --> 00:28:34,690

okay so we've raised questions about

691

00:28:40,500 --> 00:28:36,970

global warming one other subject you

692

00:28:43,020 --> 00:28:40,510

mentioned eugenics how so Stan or

693

00:28:47,100 --> 00:28:43,030

Kathleen who wants to take this that was

694

00:28:49,770 --> 00:28:47,110

nice yes the eugenics movement in

695

00:28:54,090 --> 00:28:49,780

America was the outgrowth of social

696

00:28:58,110 --> 00:28:54,100

Darwinism Sir Francis Galton who was a

697

00:29:01,050 --> 00:28:58,120

cousin of Darwin Charles Darwin was the

698

00:29:05,460 --> 00:29:01,060

person who started to promote this in a

699

00:29:09,180 --> 00:29:05,470

positive way that we should do our best

700

00:29:13,500 --> 00:29:09,190

to produce a very good productive human

701
00:29:17,600 --> 00:29:13,510
society however when the movement was

702
00:29:21,960 --> 00:29:17,610
promoted in America by Charles Davenport

703
00:29:25,650 --> 00:29:21,970
it took a different turn and it really

704
00:29:30,030 --> 00:29:25,660
took on sort of a negative point of view

705
00:29:32,510 --> 00:29:30,040
in that only certain characteristics

706
00:29:36,380 --> 00:29:32,520
were acceptable and that other

707
00:29:40,610 --> 00:29:36,390
characteristics such as perhaps laziness

708
00:29:43,410 --> 00:29:40,620
perhaps of physical defects such as

709
00:29:47,190 --> 00:29:43,420
blindness for deafness

710
00:29:50,160 --> 00:29:47,200
should never be reproduced and so the

711
00:29:53,700 --> 00:29:50,170
movement started out very slowly in the

712
00:29:57,060 --> 00:29:53,710
United States and gained momentum and a

713
00:29:59,940 --> 00:29:57,070

lot of political support and funding

714

00:30:02,370 --> 00:29:59,950

from the Carnegie Foundation among

715

00:30:04,500 --> 00:30:02,380

others this it was sort of an insidious

716

00:30:09,290 --> 00:30:04,510

movement that sounded good in the

717

00:30:11,130 --> 00:30:09,300

beginning but grew in a very nefarious

718

00:30:15,390 --> 00:30:11,140

kind of way

719

00:30:18,090 --> 00:30:15,400

where families were asked to give all of

720

00:30:20,850 --> 00:30:18,100

their family backgrounds their family

721

00:30:24,810 --> 00:30:20,860

trees they were wage they were measured

722

00:30:28,140 --> 00:30:24,820

they were checked for physical defects

723

00:30:30,930 --> 00:30:28,150

or illness or even whether or not they

724

00:30:34,350 --> 00:30:30,940

wore glasses if they were overweight how

725

00:30:37,260 --> 00:30:34,360

physically fit they were and charts were

726

00:30:40,770 --> 00:30:37,270

drawn up and the goal was to have a

727

00:30:43,440 --> 00:30:40,780

chart on every family in America there

728

00:30:46,460 --> 00:30:43,450

were county fairs that were held and

729

00:30:50,850 --> 00:30:46,470

people families were encouraged to

730

00:30:52,200 --> 00:30:50,860

compete in these county fairs for having

731

00:30:54,090 --> 00:30:52,210

the fittest family

732

00:30:56,250 --> 00:30:54,100

and there were also fittest baby

733

00:31:02,250 --> 00:30:56,260

contests that came out of this as well

734

00:31:05,850 --> 00:31:02,260

and the thing is that the characteristic

735

00:31:08,760 --> 00:31:05,860

of the fittest family were those who

736

00:31:11,850 --> 00:31:08,770

were the tallest were those who are most

737

00:31:14,060 --> 00:31:11,860

the most socially productive for those

738

00:31:17,910 --> 00:31:14,070

who are not the most financially

739

00:31:21,450 --> 00:31:17,920

productive so we didn't really look at

740

00:31:26,340 --> 00:31:21,460

the genetic makeup so to speak of the

741

00:31:29,970 --> 00:31:26,350

family but applied our own social values

742

00:31:31,980 --> 00:31:29,980

upon people in the United States and the

743

00:31:33,140 --> 00:31:31,990

started this movement started to spread

744

00:31:38,040 --> 00:31:33,150

around the world

745

00:31:40,620 --> 00:31:38,050

what happened eventually is that people

746

00:31:43,850 --> 00:31:40,630

who are mentally in the United

747

00:31:46,740 --> 00:31:43,860

States ended up having to undergo forced

748

00:31:49,260 --> 00:31:46,750

sterilization but it wasn't just the

749

00:31:53,610 --> 00:31:49,270

mentally there was a category

750

00:31:56,100 --> 00:31:53,620

called feeble-minded and anyone could

751
00:32:00,110 --> 00:31:56,110
fit into that category if they were

752
00:32:03,120 --> 00:32:00,120
placed there by one of Harry Laughlin

753
00:32:06,480 --> 00:32:03,130
social workers and Harry Laughlin was

754
00:32:10,380 --> 00:32:06,490
really the brainchild behind this whole

755
00:32:13,560 --> 00:32:10,390
idea when a social worker identified a

756
00:32:17,190 --> 00:32:13,570
person as being feeble-minded it could

757
00:32:20,210 --> 00:32:17,200
be that they were actually alcoholic or

758
00:32:23,130 --> 00:32:20,220
there actually had a history of

759
00:32:26,220 --> 00:32:23,140
prostitution or they were unwed mothers

760
00:32:30,270 --> 00:32:26,230
there were a number of different things

761
00:32:33,840 --> 00:32:30,280
epileptics for example were subjected to

762
00:32:36,900 --> 00:32:33,850
forced sterilization in the end

763
00:32:40,410 --> 00:32:36,910

and the results of this sort of

764

00:32:44,760 --> 00:32:40,420

nefarious turn in the eugenics movement

765

00:32:47,310 --> 00:32:44,770

in America so it ended up being not a

766

00:32:50,490 --> 00:32:47,320

good thing for this country in the long

767

00:32:53,610 --> 00:32:50,500

run but the worst thing I think that

768

00:32:57,570 --> 00:32:53,620

happened was that it was carried to

769

00:33:00,780 --> 00:32:57,580

Germany and the American New Genesis

770

00:33:05,940 --> 00:33:00,790

were complaining that the Germans were

771

00:33:09,030 --> 00:33:05,950

beating us at our own game and they the

772

00:33:13,820 --> 00:33:09,040

Carnegie Association funds were being

773

00:33:17,280 --> 00:33:13,830

used in order to fund Joseph Mengele

774

00:33:20,370 --> 00:33:17,290

experiments in Germany and of course

775

00:33:23,010 --> 00:33:20,380

Germany carried it a lot further than it

776

00:33:27,660 --> 00:33:23,020

was carried in the United States but

777

00:33:30,570 --> 00:33:27,670

those plans were on the plan the master

778

00:33:32,700 --> 00:33:30,580

plan for the eugenics movement in the

779

00:33:35,910 --> 00:33:32,710

United States they simply weren't

780

00:33:39,980 --> 00:33:35,920

carried out even to the point of using

781

00:33:45,090 --> 00:33:39,990

gas canisters in order to exterminate

782

00:33:47,610 --> 00:33:45,100

undesirable so what happened was the war

783

00:33:51,170 --> 00:33:47,620

in Germany became very unpopular people

784

00:33:54,330 --> 00:33:51,180

realized what was happening and the

785

00:33:58,800 --> 00:33:54,340

eugenics movement in America lost its

786

00:34:02,010 --> 00:33:58,810

appeal but not until a great deal of

787

00:34:04,490 --> 00:34:02,020

evildoing was done in this country yeah

788

00:34:07,170 --> 00:34:04,500

I think a lot of people are probably

789

00:34:09,150 --> 00:34:07,180

certainly I think most people would be

790

00:34:11,280 --> 00:34:09,160

or should be aware of the eugenics

791

00:34:13,320 --> 00:34:11,290

experiments that the Nazis conducted

792

00:34:16,350 --> 00:34:13,330

prior to and during the Second World War

793

00:34:17,700 --> 00:34:16,360

but I don't think and I think I don't

794

00:34:20,610 --> 00:34:17,710

think a lot of people would be aware

795

00:34:22,980 --> 00:34:20,620

that those kinds of experiments though

796

00:34:24,750 --> 00:34:22,990

those kinds of policies certainly not

797

00:34:27,690 --> 00:34:24,760

taken to the extreme that the Nazis did

798

00:34:30,030 --> 00:34:27,700

but were present in just about every

799

00:34:32,370 --> 00:34:30,040

Western country including Canada where

800

00:34:35,580 --> 00:34:32,380

two provinces in Canada British Columbia

801
00:34:37,140 --> 00:34:35,590
and Alberta had eugenics programs in

802
00:34:39,540 --> 00:34:37,150
British Columbia was called the sexual

803
00:34:42,720 --> 00:34:39,550
sterilization Act which was actually on

804
00:34:44,700 --> 00:34:42,730
the books until 1972 twenty-five years

805
00:34:45,260 --> 00:34:44,710
or so after the end of the Second World

806
00:34:46,790 --> 00:34:45,270
War

807
00:34:50,090 --> 00:34:46,800
one of the things you talk about

808
00:34:51,470 --> 00:34:50,100
Kathleen in terms of other groups sort

809
00:34:54,320 --> 00:34:51,480
of alcoholics and those kinds of things

810
00:34:57,290 --> 00:34:54,330
was also in the United States in Canada

811
00:34:59,330 --> 00:34:57,300
particularly targeted towards immigrants

812
00:35:01,400 --> 00:34:59,340
because we people would when people

813
00:35:03,290 --> 00:35:01,410

would come into the country of course it

814

00:35:04,670 --> 00:35:03,300

was at least some people and I agree

815

00:35:07,670 --> 00:35:04,680

with this have speculated that it was

816

00:35:09,200 --> 00:35:07,680

used as a way of targeting immigrants

817

00:35:11,870 --> 00:35:09,210

and saying well look you if we give you

818

00:35:13,310 --> 00:35:11,880

these standardized tests you will fail

819

00:35:15,050 --> 00:35:13,320

because your comprehension of the

820

00:35:16,910 --> 00:35:15,060

language that's required to take the

821

00:35:18,590 --> 00:35:16,920

test and then we will put you in this

822

00:35:21,320 --> 00:35:18,600

category and put you in the forced

823

00:35:23,390 --> 00:35:21,330

sterilization program and when you see

824

00:35:24,410 --> 00:35:23,400

all of that happening here's a question

825

00:35:26,240 --> 00:35:24,420

for you Kathleen

826

00:35:29,030 --> 00:35:26,250

and you fast-forward 60 years later

827

00:35:31,430 --> 00:35:29,040

where you have massive battles about

828

00:35:34,580 --> 00:35:31,440

immigration in the United States the

829

00:35:35,930 --> 00:35:34,590

stuff going on now in Arizona is I mean

830

00:35:37,910 --> 00:35:35,940

they were talking about you know whether

831

00:35:40,070 --> 00:35:37,920

they were actually gonna play basketball

832

00:35:42,080 --> 00:35:40,080

games there with the NBA should move the

833

00:35:43,820 --> 00:35:42,090

games to protest what was going on in

834

00:35:45,830 --> 00:35:43,830

Arizona one of the other things that was

835

00:35:48,109 --> 00:35:45,840

linked to the eugenics movement was the

836

00:35:51,320 --> 00:35:48,119

idea that you wanted to relieve the

837

00:35:53,060 --> 00:35:51,330

social safety net burden on sort of

838

00:35:55,220 --> 00:35:53,070

impoverished people and the under print

839

00:35:56,870 --> 00:35:55,230

on the underprivileged by weeding them

840

00:35:58,520 --> 00:35:56,880

out of the population so I think it was

841

00:36:00,290 --> 00:35:58,530

very much tied into the depression and

842

00:36:04,099 --> 00:36:00,300

now we're seeing we're going through an

843

00:36:05,599 --> 00:36:04,109

era of economic difficulties certainly

844

00:36:07,310 --> 00:36:05,609

not a Great Depression but obviously

845

00:36:10,430 --> 00:36:07,320

perhaps the worst recession we've seen

846

00:36:12,800 --> 00:36:10,440

in a couple of decades and then you tie

847

00:36:15,410 --> 00:36:12,810

in to the fact that our technology now

848

00:36:16,700 --> 00:36:15,420

is so much more advanced than what they

849

00:36:18,650 --> 00:36:16,710

were dealing with the things that we're

850

00:36:20,090 --> 00:36:18,660

capable of doing now are things that

851
00:36:22,940 --> 00:36:20,100
those guys could only have dreamed of

852
00:36:24,380 --> 00:36:22,950
6070 years ago and now we've got people

853
00:36:28,040 --> 00:36:24,390
who are actually talking about creating

854
00:36:29,870 --> 00:36:28,050
designer babies that you can program in

855
00:36:32,330 --> 00:36:29,880
to children the traits that you want and

856
00:36:35,630 --> 00:36:32,340
the flipside of that is you can program

857
00:36:38,840 --> 00:36:35,640
out the traits that you don't want what

858
00:36:40,310 --> 00:36:38,850
do you think that says Kathleen about

859
00:36:42,530 --> 00:36:40,320
our modern society where we might be

860
00:36:44,480 --> 00:36:42,540
going are there dangers inherent in a

861
00:36:47,240 --> 00:36:44,490
lot of this genetic research that we're

862
00:36:49,370 --> 00:36:47,250
doing now and should we be pausing to

863
00:36:51,560 --> 00:36:49,380

have perhaps a conversation where we we

864

00:36:53,840 --> 00:36:51,570

remind ourselves of the dangers of

865

00:36:56,359 --> 00:36:53,850

eugenics and the eugenics movement from

866

00:36:58,490 --> 00:36:56,369

60 or 70 years ago that's a very good

867

00:37:02,510 --> 00:36:58,500

point Paul and I'm glad that you brought

868

00:37:06,670 --> 00:37:02,520

that up it is true that we we have to be

869

00:37:10,910 --> 00:37:06,680

concerned about what is going on today

870

00:37:14,360 --> 00:37:10,920

with immigrants it brings back memories

871

00:37:17,690 --> 00:37:14,370

of the earlier immigration during the

872

00:37:20,150 --> 00:37:17,700

20th century where IQ exams were

873

00:37:22,910 --> 00:37:20,160

administered to the new immigrants

874

00:37:25,280 --> 00:37:22,920

wanting to come to the United States or

875

00:37:29,060 --> 00:37:25,290

hoping hoping to get into this country

876

00:37:31,130 --> 00:37:29,070

and the IQ tests were in English

877

00:37:33,860 --> 00:37:31,140

although they didn't speak English and

878

00:37:36,860 --> 00:37:33,870

even if they did understand what was

879

00:37:39,320 --> 00:37:36,870

being said in the IQ test they were

880

00:37:41,450 --> 00:37:39,330

being asked questions about the leading

881

00:37:44,990 --> 00:37:41,460

colleges in the United States and

882

00:37:48,190 --> 00:37:45,000

questions about the color of certain

883

00:37:51,500 --> 00:37:48,200

gemstones so you can see that it was

884

00:37:54,110 --> 00:37:51,510

culturally biased to begin with and this

885

00:37:56,690 --> 00:37:54,120

cultural bias is something that we need

886

00:37:59,300 --> 00:37:56,700

to be aware of if we forget our history

887

00:38:01,430 --> 00:37:59,310

we're doomed to repeat it and I think

888

00:38:04,820 --> 00:38:01,440

that that's one very important point

889

00:38:08,120 --> 00:38:04,830

that I was trying to make in my chapter

890

00:38:11,090 --> 00:38:08,130

about the eugenics movement is that it's

891

00:38:15,620 --> 00:38:11,100

extremely important for us to consider

892

00:38:18,260 --> 00:38:15,630

our past history certainly that's the

893

00:38:21,650 --> 00:38:18,270

the genetic the new genetics movement

894

00:38:25,760 --> 00:38:21,660

could repeat the sort of thing that the

895

00:38:29,360 --> 00:38:25,770

eugenics movement did back in earlier in

896

00:38:32,030 --> 00:38:29,370

the 20th century and I don't know I

897

00:38:34,430 --> 00:38:32,040

don't know if it's desirable it depends

898

00:38:36,950 --> 00:38:34,440

upon what you're cutting out I guess and

899

00:38:41,450 --> 00:38:36,960

and whether or not it would be desirable

900

00:38:43,880 --> 00:38:41,460

if we could eliminate diabetes for

901
00:38:46,460 --> 00:38:43,890
example that might be a good thing but

902
00:38:50,750 --> 00:38:46,470
it might be better to be able to alter

903
00:38:54,710 --> 00:38:50,760
the genetic code a little bit than not

904
00:38:57,250 --> 00:38:54,720
to use the genetic material to produce a

905
00:39:01,670 --> 00:38:57,260
human being we certainly wouldn't want

906
00:39:04,700 --> 00:39:01,680
to produce a society where everyone was

907
00:39:05,630 --> 00:39:04,710
the same or everyone had certain traits

908
00:39:07,789 --> 00:39:05,640
you know

909
00:39:09,680 --> 00:39:07,799
I wanted to ask a question what is kind

910
00:39:12,049 --> 00:39:09,690
of implicit in what you say here if

911
00:39:14,450 --> 00:39:12,059
we're doing genetic experimentation

912
00:39:16,549 --> 00:39:14,460
you know we're becoming dr. Frankenstein

913
00:39:19,640 --> 00:39:16,559

we're trying to manipulate things and

914

00:39:21,680 --> 00:39:19,650

maybe create artificial life even but

915

00:39:24,200 --> 00:39:21,690

the point being that we could also make

916

00:39:26,210 --> 00:39:24,210

some really hideous mistakes along the

917

00:39:28,130 --> 00:39:26,220

way because we're groping in the dark

918

00:39:30,410 --> 00:39:28,140

about things we don't fully understand

919

00:39:33,609 --> 00:39:30,420

isn't there also the danger that we

920

00:39:37,099 --> 00:39:33,619

could screw things up rather badly yes

921

00:39:41,660 --> 00:39:37,109

with you that there definitely is a

922

00:39:45,309 --> 00:39:41,670

danger in that and you know it brings to

923

00:39:49,970 --> 00:39:45,319

me the example of genetic modification

924

00:39:52,730 --> 00:39:49,980

in plants and that once the seeds are

925

00:39:56,059 --> 00:39:52,740

genetically modified if something goes

926
00:39:57,890 --> 00:39:56,069
wrong then we can't go back and that's

927
00:39:59,450 --> 00:39:57,900
pretty scary when you think about it

928
00:40:02,359 --> 00:39:59,460
there's two aspects to it that

929
00:40:03,950 --> 00:40:02,369
particularly worry me much to the

930
00:40:05,960 --> 00:40:03,960
chagrin of some of the pear cast

931
00:40:08,299 --> 00:40:05,970
listeners I'm sure from a Marxist

932
00:40:10,490 --> 00:40:08,309
perspective but one of them would be

933
00:40:12,410 --> 00:40:10,500
intellectual property rights and you

934
00:40:14,539 --> 00:40:12,420
mentioned genetic modification of foods

935
00:40:17,930 --> 00:40:14,549
and we've seen a whole raft of court

936
00:40:19,819 --> 00:40:17,940
cases where companies like Monsanto are

937
00:40:22,190 --> 00:40:19,829
claiming intellectual property rights on

938
00:40:24,289 --> 00:40:22,200

biological material some very famous

939

00:40:25,670 --> 00:40:24,299

cases in Canada for instance where

940

00:40:27,589 --> 00:40:25,680

they've tried to where they have

941

00:40:31,430 --> 00:40:27,599

basically said those seeds are our seeds

942

00:40:33,049 --> 00:40:31,440

you can only we can control them and so

943

00:40:35,329 --> 00:40:33,059

one wonders whether the same sort of

944

00:40:37,930 --> 00:40:35,339

thing could be true could be argued for

945

00:40:39,769 --> 00:40:37,940

human genetic material so that

946

00:40:41,900 --> 00:40:39,779

corporations would be making the

947

00:40:44,150 --> 00:40:41,910

argument that they would own and control

948

00:40:46,309 --> 00:40:44,160

for lack of a better phrase a piece of

949

00:40:47,870 --> 00:40:46,319

you which is not something that I am in

950

00:40:50,870 --> 00:40:47,880

favor of and I would hope none of us are

951
00:40:53,569 --> 00:40:50,880
but to me more importantly the question

952
00:40:57,349 --> 00:40:53,579
who could afford this so if you could

953
00:41:00,499 --> 00:40:57,359
come Cathi forward and say we can cure

954
00:41:02,359 --> 00:41:00,509
diabetes if not in you today we can make

955
00:41:04,220 --> 00:41:02,369
sure that your children don't have it we

956
00:41:05,480 --> 00:41:04,230
can just take that out and we would all

957
00:41:08,299 --> 00:41:05,490
agree okay well maybe that's a good

958
00:41:09,710 --> 00:41:08,309
thing but who's gonna pay for that who's

959
00:41:11,990 --> 00:41:09,720
going to be able to afford it and the

960
00:41:14,029 --> 00:41:12,000
danger that I the real danger that I see

961
00:41:16,220 --> 00:41:14,039
here is as you bring what seems like

962
00:41:17,950 --> 00:41:16,230
very good and innocent things forward

963
00:41:21,010 --> 00:41:17,960

you're looking at the farthest rat

964

00:41:23,130 --> 00:41:21,020

of our society into a group of haves who

965

00:41:25,120 --> 00:41:23,140

can afford it and into a larger

966

00:41:28,089 --> 00:41:25,130

ever-increasing group of have-nots ooh

967

00:41:30,670 --> 00:41:28,099

Ken and to use a little sci-fi analogy

968

00:41:32,170 --> 00:41:30,680

eventually you might wind up with a sort

969

00:41:34,390 --> 00:41:32,180

of time machine Society where you have

970

00:41:36,099 --> 00:41:34,400

the Morlocks in the Eloi the uber

971

00:41:37,359 --> 00:41:36,109

advanced you know where all the bad

972

00:41:39,790 --> 00:41:37,369

stuff has been taken out of this

973

00:41:41,770 --> 00:41:39,800

minority ruling caste and everybody else

974

00:41:43,329 --> 00:41:41,780

is left to become worker drugs and I

975

00:41:44,710 --> 00:41:43,339

know it sounds like science fiction but

976

00:41:46,720 --> 00:41:44,720

whenever you read anything about

977

00:41:48,849 --> 00:41:46,730

eugenics and mirror to what's happening

978

00:41:50,380 --> 00:41:48,859

now you sort of say well maybe science

979

00:41:52,210 --> 00:41:50,390

fiction is not that far from becoming

980

00:41:56,800 --> 00:41:52,220

science fact you've made a very good

981

00:41:59,470 --> 00:41:56,810

point Paul and we do face that danger if

982

00:42:04,359 --> 00:41:59,480

you go back to the eugenics movement it

983

00:42:08,560 --> 00:42:04,369

was the the upper socio-economic strata

984

00:42:11,530 --> 00:42:08,570

of society that who actually controls

985

00:42:15,250 --> 00:42:11,540

the eugenics movement and who wanted to

986

00:42:19,270 --> 00:42:15,260

propagate people like themselves and

987

00:42:23,050 --> 00:42:19,280

eliminate people on the lower strata of

988

00:42:25,750 --> 00:42:23,060

society and we are in danger of having

989

00:42:31,450 --> 00:42:25,760

the same thing occur again particularly

990

00:42:35,200 --> 00:42:31,460

if gene etics material is being paid for

991

00:42:37,960 --> 00:42:35,210

and only a certain segment of society

992

00:42:41,230 --> 00:42:37,970

can afford this there's another problem

993

00:42:44,170 --> 00:42:41,240

here too and that is that we often find

994

00:42:48,250 --> 00:42:44,180

that there are column side-effects if

995

00:42:49,510 --> 00:42:48,260

you will unexpected consequences you

996

00:42:51,700 --> 00:42:49,520

know there a lot of drugs that cure

997

00:42:53,410 --> 00:42:51,710

diseases well the only problem is when

998

00:42:57,220 --> 00:42:53,420

they cure the disease they also cause

999

00:43:00,040 --> 00:42:57,230

certain bad things to happen and so we

1000

00:43:03,460 --> 00:43:00,050

need to be really careful about this

1001
00:43:05,099 --> 00:43:03,470
this quote engineering of people kind of

1002
00:43:07,060 --> 00:43:05,109
things and you know the whole

1003
00:43:08,680 --> 00:43:07,070
socio-economic stuff if you look at the

1004
00:43:11,440 --> 00:43:08,690
immigrant so came the United States

1005
00:43:14,650 --> 00:43:11,450
little over a hundred years ago poor

1006
00:43:17,740 --> 00:43:14,660
people from Russia from Eastern Europe

1007
00:43:19,690 --> 00:43:17,750
from Italy from other places a lot of

1008
00:43:23,650 --> 00:43:19,700
Nobel Prize winners that came out of

1009
00:43:26,140 --> 00:43:23,660
that society movement if you will it was

1010
00:43:28,240 --> 00:43:26,150
more than how much money they had how

1011
00:43:29,360 --> 00:43:28,250
successfully had been at this that or

1012
00:43:31,580 --> 00:43:29,370
the other thing

1013
00:43:35,390 --> 00:43:31,590

there was more going on brain power if

1014

00:43:39,950 --> 00:43:35,400

you will and we constantly find whether

1015

00:43:42,710 --> 00:43:39,960

it's athletes or Nobel Prize winners one

1016

00:43:45,200 --> 00:43:42,720

explained to the other if you will that

1017

00:43:47,300 --> 00:43:45,210

he picked the unexpected somebody whose

1018

00:43:49,190 --> 00:43:47,310

background would tell you never got to

1019

00:43:51,050 --> 00:43:49,200

be a success and it turns out they're

1020

00:43:54,320 --> 00:43:51,060

extraordinarily successful we don't

1021

00:43:56,960 --> 00:43:54,330

fully understand what's going on with

1022

00:43:58,790 --> 00:43:56,970

people I'm just going around with anyway

1023

00:44:00,800 --> 00:43:58,800

which is a very important point stand

1024

00:44:03,050 --> 00:44:00,810

because of course I'm descended from

1025

00:44:04,520 --> 00:44:03,060

peasants from Eastern Europe and look

1026
00:44:06,880 --> 00:44:04,530
what happened to me but that might be

1027
00:44:12,520 --> 00:44:06,890
something that's debatable

1028
00:44:17,910 --> 00:44:15,030
[Music]

1029
00:44:20,010 --> 00:44:17,920
fate magazine provides true reports of

1030
00:44:22,560 --> 00:44:20,020
the strange and unknown keep up with the

1031
00:44:25,710 --> 00:44:22,570
latest on angels and miracles psychic

1032
00:44:26,820 --> 00:44:25,720
phenomena ghosts UFOs life after death

1033
00:44:29,070 --> 00:44:26,830
and much much more

1034
00:44:31,740 --> 00:44:29,080
to receive your free issue of fate

1035
00:44:35,730 --> 00:44:31,750
magazine call now at one eight hundred

1036
00:44:39,270 --> 00:44:35,740
seven two eight two seven three zero or

1037
00:44:42,180 --> 00:44:39,280
visit their website at WWF eight mag

1038
00:44:49,070 --> 00:44:42,190

calm that's one eight hundred seven two

1039

00:44:53,370 --> 00:44:49,080

eight twenty seven thirty or WWF a TEM

1040

00:44:55,230 --> 00:44:53,380

AG calm what are you waiting for your

1041

00:45:05,120 --> 00:44:55,240

fate awaits

1042

00:45:11,640 --> 00:45:08,790

we have Paul Campbell our ethos and Stan

1043

00:45:15,120 --> 00:45:11,650

Friedman and Kathleen Martin they are

1044

00:45:17,310 --> 00:45:15,130

authors collectively of a new book

1045

00:45:19,410 --> 00:45:17,320

called science was wrong

1046

00:45:22,380 --> 00:45:19,420

Starling truths about cures theories and

1047

00:45:24,780 --> 00:45:22,390

inventions they from the collective they

1048

00:45:27,090 --> 00:45:24,790

declared impossible now with so many

1049

00:45:29,610 --> 00:45:27,100

theories in so many areas right for

1050

00:45:31,200 --> 00:45:29,620

speculation we can't cover everything we

1051
00:45:33,180 --> 00:45:31,210
can only scratch the surface so maybe

1052
00:45:35,820 --> 00:45:33,190
we'll move from the surface of eugenics

1053
00:45:38,880 --> 00:45:35,830
and global warming to a few other areas

1054
00:45:40,760 --> 00:45:38,890
it might be interesting what about space

1055
00:45:43,470 --> 00:45:40,770
travel Stan this has to be your

1056
00:45:46,410 --> 00:45:43,480
expertise here what are the myths about

1057
00:45:48,870 --> 00:45:46,420
space travel and flight that we have to

1058
00:45:50,670 --> 00:45:48,880
overcome I got concerned about things

1059
00:45:52,440 --> 00:45:50,680
like the myths that stand in the way of

1060
00:45:54,810 --> 00:45:52,450
progress I did a weekly science

1061
00:45:56,880 --> 00:45:54,820
commentary for CBC radio here for six

1062
00:45:58,560 --> 00:45:56,890
years and there were all kinds of

1063
00:46:02,250 --> 00:45:58,570

subjects so they gave me plenty of

1064

00:46:04,980 --> 00:46:02,260

leeway found often that claims were

1065

00:46:07,260 --> 00:46:04,990

being made that had no basis even in the

1066

00:46:10,530 --> 00:46:07,270

studies that supposedly produced those

1067

00:46:12,480 --> 00:46:10,540

claims and what I found in especially

1068

00:46:15,660 --> 00:46:12,490

because of the UFO scene remember that

1069

00:46:17,670 --> 00:46:15,670

one of the areas that it's often used as

1070

00:46:20,520 --> 00:46:17,680

an excuse for they can't possibly be

1071

00:46:22,740 --> 00:46:20,530

real if you can't get here from there so

1072

00:46:25,170 --> 00:46:22,750

I got particularly concerned about that

1073

00:46:26,550 --> 00:46:25,180

and was shocked that some of the quotes

1074

00:46:27,579 --> 00:46:26,560

that I found some of them are in the

1075

00:46:30,579 --> 00:46:27,589

book

1076

00:46:33,039 --> 00:46:30,589

resistance to flight at all not from

1077

00:46:33,519 --> 00:46:33,049

some joke dough out on the street John

1078

00:46:36,039 --> 00:46:33,529

Doe

1079

00:46:39,729 --> 00:46:36,049

but people like Simon Newcomb the

1080

00:46:42,160 --> 00:46:39,739

greatest American astronomer of the 19th

1081

00:46:44,679 --> 00:46:42,170

century he was so important when he died

1082

00:46:46,749 --> 00:46:44,689

in like nineteen oh eight or nine this

1083

00:46:49,630 --> 00:46:46,759

funeral was attended by the President of

1084

00:46:51,370 --> 00:46:49,640

the United States mine too and yet two

1085

00:46:55,569 --> 00:46:51,380

months before the Wright brothers first

1086

00:46:58,329 --> 00:46:55,579

flight he pointed out that it's a well

1087

00:47:00,789 --> 00:46:58,339

known fact basically that there's no way

1088

00:47:03,039 --> 00:47:00,799

man will be able to fly in a propelled

1089

00:47:05,679 --> 00:47:03,049

vehicle maybe a balloon kind of thing

1090

00:47:07,599 --> 00:47:05,689

and his word carried a lot of weight the

1091

00:47:09,880 --> 00:47:07,609

problem when people say something is

1092

00:47:11,920 --> 00:47:09,890

impossible is that if they are in

1093

00:47:14,499 --> 00:47:11,930

positions of leadership supposedly

1094

00:47:17,769 --> 00:47:14,509

they're listened to by people who have

1095

00:47:20,259 --> 00:47:17,779

money to invest and should we put any

1096

00:47:22,390 --> 00:47:20,269

money into this crazy business of flight

1097

00:47:23,170 --> 00:47:22,400

well when you got Newcomb saying no

1098

00:47:24,789 --> 00:47:23,180

that's silly

1099

00:47:26,319 --> 00:47:24,799

that statement his statement was made

1100

00:47:29,170 --> 00:47:26,329

two months before the Wright brothers

1101

00:47:31,779 --> 00:47:29,180

first flight at certainly and British

1102

00:47:33,519 --> 00:47:31,789

the head of the well the Royal

1103

00:47:36,579 --> 00:47:33,529

astronomer today is on a royal of

1104

00:47:38,739 --> 00:47:36,589

England on space travel said space

1105

00:47:40,929 --> 00:47:38,749

travel is utter bilge a year before

1106

00:47:44,410 --> 00:47:40,939

Sputnik went up he didn't know anything

1107

00:47:46,449 --> 00:47:44,420

about space travel Goddard the American

1108

00:47:48,759 --> 00:47:46,459

pioneer of space travel who was paid

1109

00:47:51,699 --> 00:47:48,769

attention to by Russians and Germans but

1110

00:47:55,959 --> 00:47:51,709

not by Americans the new york times

1111

00:47:57,429 --> 00:47:55,969

black i'll call say blackballed him he

1112

00:48:00,009 --> 00:47:57,439

didn't know what every american high

1113

00:48:02,439 --> 00:48:00,019

school student is told that a rocket

1114

00:48:05,469 --> 00:48:02,449

can't work in a vacuum because it's

1115

00:48:09,189 --> 00:48:05,479

nothing to react against that was in

1116

00:48:11,199 --> 00:48:09,199

1920 or so and when it's new york times

1117

00:48:14,339 --> 00:48:11,209

and gets bruited about all over the

1118

00:48:16,569 --> 00:48:14,349

place there is strong resistance to

1119

00:48:19,569 --> 00:48:16,579

developments along those lines because

1120

00:48:23,229 --> 00:48:19,579

the voice of authority has spoken and it

1121

00:48:26,109 --> 00:48:23,239

comes up in flight he was wrong

1122

00:48:28,089 --> 00:48:26,119

Goddard was right but he stopped doing

1123

00:48:30,910 --> 00:48:28,099

some of his research he went to of all

1124

00:48:34,029 --> 00:48:30,920

places Roswell New Mexico and did a lot

1125

00:48:35,859 --> 00:48:34,039

of rocket launches there and 20 years

1126

00:48:39,550 --> 00:48:35,869

after his death the government gave him

1127

00:48:41,990 --> 00:48:39,560

a million bucks or so for using office

1128

00:48:44,090 --> 00:48:42,000

and finally he got recognition but

1129

00:48:46,300 --> 00:48:44,100

Wernher von Braun was well aware of them

1130

00:48:50,120 --> 00:48:46,310

the Russians were well aware of his work

1131

00:48:54,560 --> 00:48:50,130

in England Frank Whittle got a patent on

1132

00:48:56,000 --> 00:48:54,570

a jet engine in 1930 and the Brits were

1133

00:48:59,990 --> 00:48:56,010

not interested

1134

00:49:02,270 --> 00:49:00,000

a German Bono hain who later worked for

1135

00:49:05,330 --> 00:49:02,280

the United States after the war I got a

1136

00:49:08,300 --> 00:49:05,340

patent in 1936 on a jet engine six years

1137

00:49:10,850 --> 00:49:08,310

later and yet the Germans built the

1138

00:49:13,190 --> 00:49:10,860

first jet engine the planes powered by

1139

00:49:15,170 --> 00:49:13,200

jet engines if the British had followed

1140

00:49:18,140 --> 00:49:15,180

up when they had the opportunity to be

1141

00:49:20,240 --> 00:49:18,150

first I the whole Battle of Britain

1142

00:49:22,430 --> 00:49:20,250

might have been different conversely you

1143

00:49:25,010 --> 00:49:22,440

can say that if Hitler had been a little

1144

00:49:26,330 --> 00:49:25,020

more interested in atomic power the

1145

00:49:29,390 --> 00:49:26,340

entire war might have been a little

1146

00:49:32,720 --> 00:49:29,400

different as opposed to well yeah there

1147

00:49:34,430 --> 00:49:32,730

are a number of these points of you know

1148

00:49:37,070 --> 00:49:34,440

which way do we go left or right the one

1149

00:49:39,140 --> 00:49:37,080

one of the things that makes and this

1150

00:49:41,060 --> 00:49:39,150

gets involved in all of these Science

1151
00:49:43,580 --> 00:49:41,070
and Technology arguments really is that

1152
00:49:45,140 --> 00:49:43,590
one of the things that makes you more

1153
00:49:47,390 --> 00:49:45,150
sure that what you're trying to

1154
00:49:48,830 --> 00:49:47,400
accomplish can be accomplished is

1155
00:49:51,860 --> 00:49:48,840
knowing that somebody else has already

1156
00:49:54,200 --> 00:49:51,870
done it now Hitler didn't know that you

1157
00:49:58,700 --> 00:49:54,210
could build an atomic bomb during a war

1158
00:50:01,070 --> 00:49:58,710
anyway and the Russians knew after the

1159
00:50:03,650 --> 00:50:01,080
war that you could the United States had

1160
00:50:05,750 --> 00:50:03,660
said about five of them so they

1161
00:50:07,760 --> 00:50:05,760
persisted and they built theirs eight

1162
00:50:09,560 --> 00:50:07,770
years before it was thought they would

1163
00:50:12,860 --> 00:50:09,570

be able to do that which is a rather

1164

00:50:14,450 --> 00:50:12,870

scary thought this has to do with our

1165

00:50:17,060 --> 00:50:14,460

perception you know we live in a free

1166

00:50:18,440 --> 00:50:17,070

society and those were evil communists

1167

00:50:20,330 --> 00:50:18,450

and they don't have our organizational

1168

00:50:22,730 --> 00:50:20,340

structure and all the rest of it Hitler

1169

00:50:25,640 --> 00:50:22,740

knew you could build rockets but and

1170

00:50:27,470 --> 00:50:25,650

hopefully in time to end the war you

1171

00:50:29,420 --> 00:50:27,480

know to use them before the war was over

1172

00:50:32,300 --> 00:50:29,430

and so he spent a lot of money on

1173

00:50:34,310 --> 00:50:32,310

rockets and they worked the v1 v2 and

1174

00:50:37,190 --> 00:50:34,320

there would have been more as time went

1175

00:50:38,810 --> 00:50:37,200

on we often don't give enough credit and

1176

00:50:41,030 --> 00:50:38,820

Paul I'm sure you heard this when you

1177

00:50:43,820 --> 00:50:41,040

were in England but breaking the code of

1178

00:50:46,490 --> 00:50:43,830

the German codes was the key thing not

1179

00:50:49,490 --> 00:50:46,500

our technology knowing what your enemy

1180

00:50:51,470 --> 00:50:49,500

can do and we didn't advertise that you

1181

00:50:54,020 --> 00:50:51,480

know it's one of those examples of

1182

00:50:56,120 --> 00:50:54,030

keeping secrets another one of the

1183

00:50:58,520 --> 00:50:56,130

attacks on UFOs you can't keep secrets

1184

00:51:02,780 --> 00:50:58,530

they broke the codes there wasn't a word

1185

00:51:04,790 --> 00:51:02,790

for 25 years after the war we had broken

1186

00:51:06,530 --> 00:51:04,800

the codes one of the reasons is that

1187

00:51:08,359 --> 00:51:06,540

some other countries were still using

1188

00:51:12,700 --> 00:51:08,369

that German technology and we were

1189

00:51:14,900 --> 00:51:12,710

listening to their conversations as well

1190

00:51:18,200 --> 00:51:14,910

technology wasn't given enough credit

1191

00:51:20,720 --> 00:51:18,210

for many many years let me ask you this

1192

00:51:23,330 --> 00:51:20,730

question Stan and Cathy then is it that

1193

00:51:25,370 --> 00:51:23,340

science to partner here is it that

1194

00:51:27,020 --> 00:51:25,380

science is wrong although that's a

1195

00:51:32,510 --> 00:51:27,030

catchy title for a book I'll grant you

1196

00:51:34,490 --> 00:51:32,520

or is it well I I might have said some

1197

00:51:36,920 --> 00:51:34,500

scientists at some points in history

1198

00:51:38,270 --> 00:51:36,930

have either made mistakes or made poor

1199

00:51:39,770 --> 00:51:38,280

predictions but that's a very long title

1200

00:51:41,480 --> 00:51:39,780

for a book you couldn't use that one is

1201

00:51:44,090 --> 00:51:41,490

it that science is wrong or some

1202

00:51:46,040 --> 00:51:44,100

sometimes scientists have been wrong

1203

00:51:49,970 --> 00:51:46,050

particularly maybe when they step

1204

00:51:53,000 --> 00:51:49,980

outside their areas of expertise one and

1205

00:51:56,990 --> 00:51:53,010

two is it perhaps that maybe science

1206

00:51:58,640 --> 00:51:57,000

isn't always wrong but non scientists

1207

00:51:59,990 --> 00:51:58,650

who have the ultimate say about how

1208

00:52:02,290 --> 00:52:00,000

you're going to use that scientific

1209

00:52:04,940 --> 00:52:02,300

knowledge company the wrong choices and

1210

00:52:06,710 --> 00:52:04,950

the example I would take from my own

1211

00:52:08,930 --> 00:52:06,720

studies for instance would be Hitler

1212

00:52:11,780 --> 00:52:08,940

with atomic energy where if you read

1213

00:52:13,400 --> 00:52:11,790

anybody Albert's fear anybody's memoirs

1214

00:52:15,620 --> 00:52:13,410

from that period of time they said lucky

1215

00:52:17,150 --> 00:52:15,630

he just had no interest in it couldn't

1216

00:52:18,320 --> 00:52:17,160

comprehend it had no interest in it was

1217

00:52:21,200 --> 00:52:18,330

more interested in these other things

1218

00:52:23,570 --> 00:52:21,210

even with the jet engine when the

1219

00:52:25,030 --> 00:52:23,580

Luftwaffe and the engineers came to him

1220

00:52:28,340 --> 00:52:25,040

said we should be building fighters

1221

00:52:29,690 --> 00:52:28,350

Hitler wanted to build bombers he made a

1222

00:52:32,090 --> 00:52:29,700

political decision to take the

1223

00:52:33,920 --> 00:52:32,100

technology and build the wrong kind of

1224

00:52:35,540 --> 00:52:33,930

airplane at that point in the war

1225

00:52:37,700 --> 00:52:35,550

because he wanted to go bomb London and

1226

00:52:39,440 --> 00:52:37,710

he couldn't see that what they really

1227

00:52:40,940 --> 00:52:39,450

needed were fighters so sort of a

1228

00:52:43,010 --> 00:52:40,950

two-parter there is it that science is

1229

00:52:44,660 --> 00:52:43,020

wrong or is it that scientists are wrong

1230

00:52:46,310 --> 00:52:44,670

and those are two different things and

1231

00:52:48,590 --> 00:52:46,320

that even when scientists are right

1232

00:52:51,050 --> 00:52:48,600

sometimes their political masters are

1233

00:52:52,970 --> 00:52:51,060

wrong well those things are true the

1234

00:52:55,190 --> 00:52:52,980

original title of the book to give you a

1235

00:52:58,520 --> 00:52:55,200

better perspective on that was it's

1236

00:53:01,160 --> 00:52:58,530

impossible isn't it see now that's a

1237

00:53:02,780 --> 00:53:01,170

chemistry well we thought so too but the

1238

00:53:04,680 --> 00:53:02,790

publisher has the right according to our

1239

00:53:06,270 --> 00:53:04,690

contract to change the title

1240

00:53:09,089 --> 00:53:06,280

and I think it was done for political

1241

00:53:11,490 --> 00:53:09,099

reasons too if you will my own thought

1242

00:53:13,500 --> 00:53:11,500

is that since the same publisher was

1243

00:53:15,630 --> 00:53:13,510

putting out Erich von Daniken's history

1244

00:53:18,029 --> 00:53:15,640

is wrong which I enjoyed reading

1245

00:53:20,099 --> 00:53:18,039

incidentally that this would go along

1246

00:53:25,440 --> 00:53:20,109

that same trend you know we got a family

1247

00:53:26,970 --> 00:53:25,450

of wrongness you will know it's a

1248

00:53:28,680 --> 00:53:26,980

complicated question because you're

1249

00:53:31,049 --> 00:53:28,690

right it's not just what scientists

1250

00:53:32,849 --> 00:53:31,059

science doesn't have a voice there are

1251

00:53:35,069 --> 00:53:32,859

scientists who speak and there are

1252

00:53:37,529 --> 00:53:35,079

politicians who sometimes control what

1253

00:53:39,660 --> 00:53:37,539

the scientists say and do but I control

1254

00:53:41,579 --> 00:53:39,670

in the pocketbook and you know the thing

1255

00:53:45,359 --> 00:53:41,589

about the atomic bomb it's hard to

1256

00:53:47,960 --> 00:53:45,369

imagine but we spent two billion dollars

1257

00:53:50,970 --> 00:53:47,970

nineteen forty two dollars mind you

1258

00:53:54,150 --> 00:53:50,980

developing the atomic bomb now that was

1259

00:53:57,620 --> 00:53:54,160

an incredible about a amount of money so

1260

00:54:00,059 --> 00:53:57,630

Hitler may have had how shall I put this

1261

00:54:02,609 --> 00:54:00,069

political considerations where the heck

1262

00:54:05,180 --> 00:54:02,619

is he gonna get all the money the effort

1263

00:54:08,010 --> 00:54:05,190

to put into this that would be required

1264

00:54:09,450 --> 00:54:08,020

many Americans have no idea that you

1265

00:54:11,339 --> 00:54:09,460

know all I'm the time I finally get a

1266

00:54:13,740 --> 00:54:11,349

bunch of nuclear guys together and they

1267

00:54:15,359 --> 00:54:13,750

anybody can build a bomb well the

1268

00:54:18,210 --> 00:54:15,369

Oakridge plant where they were producing

1269

00:54:20,250 --> 00:54:18,220

u-235 is a mile long and used more than

1270

00:54:23,279 --> 00:54:20,260

five percent of the electrical power in

1271

00:54:25,470 --> 00:54:23,289

the United States when it was being

1272

00:54:27,809 --> 00:54:25,480

operated to produce u-235

1273

00:54:28,920 --> 00:54:27,819

that's a tremendous amount of effort we

1274

00:54:30,480 --> 00:54:28,930

wasn't being bombed

1275

00:54:32,220 --> 00:54:30,490

you know said we didn't need also we

1276

00:54:35,760 --> 00:54:32,230

didn't worry about somebody else getting

1277

00:54:37,920 --> 00:54:35,770

in the way of doing these things and let

1278

00:54:38,640 --> 00:54:37,930

me throw in one aspect of secrecy about

1279

00:54:41,789 --> 00:54:38,650

that

1280

00:54:43,920 --> 00:54:41,799

President Truman as Vice President

1281

00:54:46,410 --> 00:54:43,930

Truman did not know about the Manhattan

1282

00:54:48,990 --> 00:54:46,420

Project to develop the atomic bomb

1283

00:54:52,109 --> 00:54:49,000

he wasn't informed until two weeks or so

1284

00:54:53,460 --> 00:54:52,119

after Roosevelt died that talk about

1285

00:54:57,059 --> 00:54:53,470

keeping secrets he'd been a leading

1286

00:54:58,799 --> 00:54:57,069

senator before that nobody submitting to

1287

00:55:01,710 --> 00:54:58,809

be fair he had only been vice president

1288

00:55:09,870 --> 00:55:01,720

for a few months so Roosevelt was busy

1289

00:55:11,309 --> 00:55:09,880

trying to defeat the axis so it wasn't

1290

00:55:12,930 --> 00:55:11,319

the only thing Truman wasn't told Truman

1291

00:55:15,120 --> 00:55:12,940

came in wolf Lee unprepared because

1292

00:55:16,160 --> 00:55:15,130

Roosevelt didn't share information with

1293

00:55:19,490 --> 00:55:16,170

anybody that

1294

00:55:21,319 --> 00:55:19,500

true it was kept secret is the point yes

1295

00:55:23,240 --> 00:55:21,329

even though he was at that high level

1296

00:55:24,890 --> 00:55:23,250

I've had people say well of course he

1297

00:55:28,280 --> 00:55:24,900

knew he was vice-president wasn't he

1298

00:55:30,859 --> 00:55:28,290

well he did also in those days stand

1299

00:55:33,770 --> 00:55:30,869

isn't it also true vice-president were

1300

00:55:36,049 --> 00:55:33,780

not necessarily given the same level of

1301

00:55:38,210 --> 00:55:36,059

respect as they are now that were kind

1302

00:55:41,359 --> 00:55:38,220

of tossed away in an office somewhere

1303

00:55:43,190 --> 00:55:41,369

and we didn't pay attention unless or

1304

00:55:45,440 --> 00:55:43,200

until they had to become president

1305

00:55:48,170 --> 00:55:45,450

that's true and that hadn't happened for

1306

00:55:49,430 --> 00:55:48,180

several years before that I think it was

1307

00:55:51,319 --> 00:55:49,440

one of Roosevelt's earlier vice

1308

00:55:53,359 --> 00:55:51,329

presidents I think was John Nance Garner

1309

00:55:55,940 --> 00:55:53,369

said the vice presidency wasn't worth a

1310

00:55:58,250 --> 00:55:55,950

bucket of warm spit so I don't think he

1311

00:56:00,559 --> 00:55:58,260

minded too much not continuing on in the

1312

00:56:02,780 --> 00:56:00,569

job let me ask you this question Stan in

1313

00:56:05,150 --> 00:56:02,790

terms of political priorities here's one

1314

00:56:07,520 --> 00:56:05,160

for you should we be on Mars by now you

1315

00:56:10,370 --> 00:56:07,530

worked on nuclear rockets 40 some-odd

1316

00:56:12,980 --> 00:56:10,380

years ago could we have been back to the

1317

00:56:14,990 --> 00:56:12,990

moon on Mars moving further out was it a

1318

00:56:16,190 --> 00:56:15,000

question of political will or was it a

1319

00:56:18,230 --> 00:56:16,200

question of we don't quite have the

1320

00:56:20,210 --> 00:56:18,240

science to get there yet well it's

1321

00:56:22,190 --> 00:56:20,220

really the technology and we did have

1322

00:56:23,510 --> 00:56:22,200

the science and yes I think we could

1323

00:56:25,370 --> 00:56:23,520

have and most of the people I knew in

1324

00:56:27,319 --> 00:56:25,380

the space program back in the 60s and

1325

00:56:29,120 --> 00:56:27,329

even in the 70s expected us to have a

1326

00:56:31,370 --> 00:56:29,130

base on the moon long before now

1327

00:56:33,920 --> 00:56:31,380

leadership was what was missing as far

1328

00:56:36,500 --> 00:56:33,930

as I'm concerned now their conspiracy

1329

00:56:39,710 --> 00:56:36,510

theorists who would say that the aliens

1330

00:56:42,470 --> 00:56:39,720

told us our state off our moon or don't

1331

00:56:45,049 --> 00:56:42,480

go to Mars we won't let you or you know

1332

00:56:47,960 --> 00:56:45,059

all kinds of stuff like that I think we

1333

00:56:51,349 --> 00:56:47,970

didn't have the leadership and I worked

1334

00:56:53,750 --> 00:56:51,359

on at least five large field technology

1335

00:56:56,089 --> 00:56:53,760

development programs spending tens of

1336

00:56:58,130 --> 00:56:56,099

millions of dollars a year which

1337

00:57:01,150 --> 00:56:58,140

desperately needed leadership somebody

1338

00:57:04,490 --> 00:57:01,160

said this is where we're going my

1339

00:57:06,470 --> 00:57:04,500

typical guy is more rickover you know

1340

00:57:08,539 --> 00:57:06,480

where he wanted to go with the nuclear

1341

00:57:10,039 --> 00:57:08,549

submarine and the battleship boys didn't

1342

00:57:13,160 --> 00:57:10,049

want to go there at all a lot of other

1343

00:57:15,289 --> 00:57:13,170

people were opposed to but he persisted

1344

00:57:17,000 --> 00:57:15,299

and I've talked to people who hated his

1345

00:57:19,190 --> 00:57:17,010

guts but loved his leaders

1346

00:57:21,799 --> 00:57:19,200

we haven't had that kind of leadership

1347

00:57:23,599 --> 00:57:21,809

about space since Kennedy said let's get

1348

00:57:27,049 --> 00:57:23,609

a man to the moon and back by the end of

1349

00:57:28,849 --> 00:57:27,059

the decade because I suppose when you

1350

00:57:30,010 --> 00:57:28,859

boiled it down that was a political

1351

00:57:31,630 --> 00:57:30,020

choice

1352

00:57:33,520 --> 00:57:31,640

wanted to show that we were better than

1353

00:57:35,410 --> 00:57:33,530

the Russians you remember the

1354

00:57:37,420 --> 00:57:35,420

consternation well I don't mean remember

1355

00:57:39,940 --> 00:57:37,430

personally but consternation when

1356

00:57:41,950 --> 00:57:39,950

Sputnik went up there was a huge you and

1357

00:57:43,930 --> 00:57:41,960

cry about how that means the Russian

1358

00:57:45,910 --> 00:57:43,940

system is better and all that kind of

1359

00:57:49,830 --> 00:57:45,920

stuff so we had to get a man to the moon

1360

00:57:52,870 --> 00:57:49,840

and back to fill a political need so the

1361

00:57:55,360 --> 00:57:52,880

short of it is stand there the reason we

1362

00:57:58,600 --> 00:57:55,370

went to the moon in 1969 was because

1363

00:58:00,730 --> 00:57:58,610

there was a political need to best the

1364

00:58:03,850 --> 00:58:00,740

Russians at their own game if that

1365

00:58:06,820 --> 00:58:03,860

didn't happen it might still be sitting

1366

00:58:08,800 --> 00:58:06,830

there with a plan and not being on the

1367

00:58:10,540 --> 00:58:08,810

moon you know I agree that was a

1368

00:58:12,910 --> 00:58:10,550

political choice and what I'm saying is

1369

00:58:15,970 --> 00:58:12,920

since that time there hasn't been the

1370

00:58:18,910 --> 00:58:15,980

political will to be a Rick over to be a

1371

00:58:21,700 --> 00:58:18,920

Kennedy the point is that in almost all

1372

00:58:23,290 --> 00:58:21,710

of these areas you find that you develop

1373

00:58:25,930 --> 00:58:23,300

the most important uses for new

1374

00:58:27,640 --> 00:58:25,940

technology after you've done the

1375

00:58:30,160 --> 00:58:27,650

preliminary work to establish that the

1376

00:58:31,930 --> 00:58:30,170

technology is real look the people

1377

00:58:35,490 --> 00:58:31,940

invented the laser weren't talking about

1378

00:58:38,620 --> 00:58:35,500

checkout counters at the supermarket or

1379

00:58:40,980 --> 00:58:38,630

drilling holes and baby bottle nipples

1380

00:58:43,780 --> 00:58:40,990

which you can do with open surgery or

1381

00:58:45,370 --> 00:58:43,790

using the internet for example where

1382

00:58:49,960 --> 00:58:45,380

you've got optical stuff all over the

1383

00:58:52,570 --> 00:58:49,970

place that comes later but they don't

1384

00:58:53,920 --> 00:58:52,580

haven't had the willingness so let's get

1385

00:58:56,410 --> 00:58:53,930

on with it

1386

00:58:59,080 --> 00:58:56,420

let's provide the leadership have people

1387

00:59:00,550 --> 00:58:59,090

like Wernher von Braun and you know I

1388

00:59:02,620 --> 00:59:00,560

don't want to go under political whether

1389

00:59:04,600 --> 00:59:02,630

it was a Nazi or not and all the rest of

1390

00:59:06,640 --> 00:59:04,610

that stuff but he knew what he wanted to

1391

00:59:09,100 --> 00:59:06,650

do in space and he was when he was

1392

00:59:12,670 --> 00:59:09,110

finally given the opportunity after the

1393

00:59:14,590 --> 00:59:12,680

navy's satellite program point kibosh he

1394

00:59:17,500 --> 00:59:14,600

did it and he knew how to get big

1395

00:59:21,220 --> 00:59:17,510

projects done we haven't had anybody

1396

00:59:24,070 --> 00:59:21,230

like that saying let's get the base on

1397

00:59:26,530 --> 00:59:24,080

the moon let's go to mars the nuclear

1398

00:59:29,500 --> 00:59:26,540

rockets that i worked on in the late 60s

1399

00:59:32,500 --> 00:59:29,510

and that we tested successfully mind you

1400

00:59:34,800 --> 00:59:32,510

on the ground would make great upper

1401
00:59:37,060 --> 00:59:34,810
stages to double to triple your weight

1402
00:59:40,030 --> 00:59:37,070
that you can send to Mars

1403
00:59:40,640 --> 00:59:40,040
what stand let's go into this more

1404
00:59:43,580 --> 00:59:40,650
detail

1405
00:59:45,800 --> 00:59:43,590
in part two of the episode the book is

1406
00:59:47,480 --> 00:59:45,810
called science was wrong startling

1407
00:59:50,450 --> 00:59:47,490
truths about cures theories and

1408
00:59:54,080 --> 00:59:50,460
inventions they the collective a

1409
00:59:56,690 --> 00:59:54,090
declared impossible with Stanton T

1410
00:59:58,940 --> 00:59:56,700
Friedman and Kathleen Martin our co-host

1411
01:00:01,490 --> 00:59:58,950
this week is Paul Kimble we have lots

1412
01:00:03,370 --> 01:00:01,500
more on the other side of the power cast

1413
01:00:06,290 --> 01:00:03,380

[Music]

1414

01:00:08,060 --> 01:00:06,300

we want to hear from you if you have a

1415

01:00:11,330 --> 01:00:08,070

comment or question about the pair cast

1416

01:00:14,750 --> 01:00:11,340

send it to news at the podcast calm

1417

01:00:16,730 --> 01:00:14,760

that's news at the pair cast calm and

1418

01:00:18,440 --> 01:00:16,740

don't forget to visit our forums where

1419

01:00:20,990 --> 01:00:18,450

you can talk to fellow listeners just go

1420

01:00:23,480 --> 01:00:21,000

to the pair cast calm and click on the

1421

01:00:32,330 --> 01:00:23,490

forum links that's the forum links at

1422

01:00:34,430 --> 01:00:32,340

Lapera cast calm welcome back to the

1423

01:00:39,620 --> 01:00:34,440

parrot house with Jean Steinberg and

1424

01:00:44,630 --> 01:00:42,350

our co-host this week Paul Kimbo we're

1425

01:00:47,920 --> 01:00:44,640

talking with Stanton Friedman Cathleen

1426
01:00:49,550 --> 01:00:47,930
Martin the book is entitled science

1427
01:00:51,560 --> 01:00:49,560
what's wrong

1428
01:00:53,750 --> 01:00:51,570
startling truths about cures theories

1429
01:00:55,940 --> 01:00:53,760
and inventions they declare it

1430
01:00:57,470 --> 01:00:55,950
impossible we focus on the space program

1431
01:00:59,990 --> 01:00:57,480
and every time we talk about the

1432
01:01:02,240 --> 01:01:00,000
possibility there's life elsewhere they

1433
01:01:04,250 --> 01:01:02,250
might be coming here we have to think

1434
01:01:05,930 --> 01:01:04,260
about what is wrong with our current

1435
01:01:07,850 --> 01:01:05,940
space program there right now it looks

1436
01:01:09,560 --> 01:01:07,860
like private industry is getting

1437
01:01:12,590 --> 01:01:09,570
involved at least in the u.s. space

1438
01:01:14,990 --> 01:01:12,600

program so Stanton Friedman what can

1439

01:01:17,600 --> 01:01:15,000

they do to fix the space program how do

1440

01:01:20,030 --> 01:01:17,610

we show leadership and how do we deal in

1441

01:01:23,450 --> 01:01:20,040

a world where we don't have money for

1442

01:01:25,310 --> 01:01:23,460

anything well we first of all recognize

1443

01:01:27,350 --> 01:01:25,320

that the money on the space program is

1444

01:01:30,140 --> 01:01:27,360

being spent down here it's not being

1445

01:01:33,650 --> 01:01:30,150

spent in space it's not even going up in

1446

01:01:35,780 --> 01:01:33,660

smoke up there you know secondly all the

1447

01:01:38,600 --> 01:01:35,790

great industries have come about because

1448

01:01:40,280 --> 01:01:38,610

the private world got involved there's

1449

01:01:43,820 --> 01:01:40,290

an article in New York Times about Bob

1450

01:01:45,830 --> 01:01:43,830

Bigelow which is a billionaire who's

1451

01:01:49,130 --> 01:01:45,840

also been involved in UFO research and

1452

01:01:50,930 --> 01:01:49,140

stuff and he's got some structures in

1453

01:01:54,080 --> 01:01:50,940

space now and we'll be putting up some

1454

01:01:57,560 --> 01:01:54,090

more and the this Falcon rocket just

1455

01:01:59,990 --> 01:01:57,570

went up from Elon Musk if you look at

1456

01:02:02,330 --> 01:02:00,000

the computer business and look at the

1457

01:02:04,970 --> 01:02:02,340

airplane business than many companies in

1458

01:02:06,890 --> 01:02:04,980

both that went broke the best guys came

1459

01:02:08,930 --> 01:02:06,900

out on top I guess you can say oh I'll

1460

01:02:11,210 --> 01:02:08,940

give Bill Gates that many people want to

1461

01:02:12,980 --> 01:02:11,220

attack him but I want the heck he

1462

01:02:14,930 --> 01:02:12,990

banished them to do a lot of good stuff

1463

01:02:17,210 --> 01:02:14,940

I think Bill Gates will do more good

1464

01:02:19,460 --> 01:02:17,220

stuff as a philanthropist than what he

1465

01:02:21,530 --> 01:02:19,470

did again he was still head of Microsoft

1466

01:02:23,240 --> 01:02:21,540

but let's just move past that that's

1467

01:02:26,060 --> 01:02:23,250

just a personal observation what I'm

1468

01:02:28,580 --> 01:02:26,070

saying is when you have private industry

1469

01:02:31,070 --> 01:02:28,590

get involved and there's a competition I

1470

01:02:33,920 --> 01:02:31,080

think that's when you get real progress

1471

01:02:36,860 --> 01:02:33,930

in technology and then all kinds of

1472

01:02:38,990 --> 01:02:36,870

other areas and I wish for example I

1473

01:02:41,390 --> 01:02:39,000

mentioned Emeril rickover we haven't

1474

01:02:43,220 --> 01:02:41,400

seen nuclear ships being used the way

1475

01:02:44,450 --> 01:02:43,230

they should have been used save a lot of

1476

01:02:46,850 --> 01:02:44,460

oil that way too

1477

01:02:48,560 --> 01:02:46,860

I mean I shocked people and I say we

1478

01:02:51,300 --> 01:02:48,570

have aircraft carriers that can operate

1479

01:02:54,270 --> 01:02:51,310

for 18 years without refueling

1480

01:02:56,940 --> 01:02:54,280

holding nuclear powered think of how

1481

01:02:59,430 --> 01:02:56,950

much oil isn't burned in other words

1482

01:03:02,460 --> 01:02:59,440

they keep those things moving but we

1483

01:03:05,160 --> 01:03:02,470

haven't moved that technology over to

1484

01:03:09,270 --> 01:03:05,170

the private sector if you will we need

1485

01:03:13,160 --> 01:03:09,280

in space to have some competition to

1486

01:03:16,950 --> 01:03:13,170

have a partnership between say NASA and

1487

01:03:19,350 --> 01:03:16,960

the world outside of the government and

1488

01:03:22,170 --> 01:03:19,360

in the past that's you know cost plus

1489

01:03:24,060 --> 01:03:22,180

contracts I worked on a lot of those and

1490

01:03:27,210 --> 01:03:24,070

that's kind of nice you don't have to

1491

01:03:30,870 --> 01:03:27,220

keep within budgets but you need

1492

01:03:32,670 --> 01:03:30,880

leadership and management with a common

1493

01:03:35,550 --> 01:03:32,680

goal and I haven't seen a lot of that

1494

01:03:37,980 --> 01:03:35,560

especially in the space program it's I'm

1495

01:03:40,730 --> 01:03:37,990

greatly disappointed about that I think

1496

01:03:43,560 --> 01:03:40,740

we should have a base on the moon okay

1497

01:03:47,040 --> 01:03:43,570

of course issue number two stand which

1498

01:03:49,680 --> 01:03:47,050

is we're talking a lot about the UFO

1499

01:03:52,770 --> 01:03:49,690

mystery and you mentioned that in the

1500

01:03:54,750 --> 01:03:52,780

book science was wrong okay knowing that

1501

01:03:56,720 --> 01:03:54,760

UFOs are out there and certainly the

1502

01:03:59,550 --> 01:03:56,730

government has to be aware of this and

1503

01:04:02,460 --> 01:03:59,560

possibly you're suspecting if there

1504

01:04:05,250 --> 01:04:02,470

isn't any contact which maybe we don't

1505

01:04:07,380 --> 01:04:05,260

believe in already suspecting they're

1506

01:04:09,570 --> 01:04:07,390

from out there wouldn't there be a

1507

01:04:13,140 --> 01:04:09,580

program somewhere to say you know we got

1508

01:04:15,450 --> 01:04:13,150

to basically get into space now because

1509

01:04:17,070 --> 01:04:15,460

someone is out there and we don't know

1510

01:04:19,050 --> 01:04:17,080

what they're going to do if we aren't

1511

01:04:21,960 --> 01:04:19,060

ready to compete it's an interesting

1512

01:04:25,020 --> 01:04:21,970

question and I wondered why we haven't

1513

01:04:27,240 --> 01:04:25,030

used that as the reason for going you

1514

01:04:29,580 --> 01:04:27,250

know getting Emily into UFOs because

1515

01:04:32,580 --> 01:04:29,590

they're out there and using that as an

1516

01:04:34,680 --> 01:04:32,590

excuse to get into space more that's a

1517

01:04:37,320 --> 01:04:34,690

political decision then I don't know

1518

01:04:39,480 --> 01:04:37,330

what's behind behind it it scares me

1519

01:04:41,310 --> 01:04:39,490

sometimes maybe the government knows

1520

01:04:44,490 --> 01:04:41,320

something terrible is going to happen

1521

01:04:46,200 --> 01:04:44,500

and that's why they won't tell us maybe

1522

01:04:48,060 --> 01:04:46,210

they're afraid that people in power will

1523

01:04:50,220 --> 01:04:48,070

lose power if an announcement is to be

1524

01:04:51,990 --> 01:04:50,230

made the next president of the world is

1525

01:04:54,690 --> 01:04:52,000

going to be Chinese I got most of the

1526

01:04:56,040 --> 01:04:54,700

people you know what I'm saying is I

1527

01:04:58,320 --> 01:04:56,050

don't think we have had enough

1528

01:05:00,510 --> 01:04:58,330

discussion you know we hear this talk

1529

01:05:02,190 --> 01:05:00,520

about disclosure and stuff but I don't

1530

01:05:04,100 --> 01:05:02,200

think we've had enough discussion about

1531

01:05:06,800 --> 01:05:04,110

what should be disclosed and

1532

01:05:08,600 --> 01:05:06,810

how should it be disclosed and where do

1533

01:05:11,090 --> 01:05:08,610

we go from here what is what is the

1534

01:05:13,130 --> 01:05:11,100

impact I mean I'll admit I was very

1535

01:05:15,350 --> 01:05:13,140

pleased and I think Cathy I told you

1536

01:05:18,110 --> 01:05:15,360

about this but when I first heard about

1537

01:05:20,000 --> 01:05:18,120

the Pope saying you know no big deal if

1538

01:05:23,270 --> 01:05:20,010

they're out there God made us he made

1539

01:05:27,260 --> 01:05:23,280

them and my first thought was hey what

1540

01:05:30,410 --> 01:05:27,270

does he know that we don't know who's

1541

01:05:33,710 --> 01:05:30,420

been telling him the truth if anybody

1542

01:05:37,610 --> 01:05:33,720

has yeah there's a whole political

1543

01:05:39,650 --> 01:05:37,620

morass here of why we do or don't do

1544

01:05:41,900 --> 01:05:39,660

certain things out there is all our

1545

01:05:44,600 --> 01:05:41,910

movement towards space to protect us

1546

01:05:47,030 --> 01:05:44,610

those same anti-missile missiles can be

1547

01:05:50,030 --> 01:05:47,040

aimed at to destroy the UFOs kind of

1548

01:05:52,790 --> 01:05:50,040

thing okay but stand is another point to

1549

01:05:54,110 --> 01:05:52,800

another issue and we have to bring it up

1550

01:05:57,280 --> 01:05:54,120

because this is something you've

1551
01:06:00,530 --> 01:05:57,290
discussed so often say Roswell happened

1552
01:06:02,960 --> 01:06:00,540
say there was a crash of a spaceship

1553
01:06:05,450 --> 01:06:02,970
from elsewhere say we recovered the

1554
01:06:11,480 --> 01:06:05,460
wreckage where's the technology folks

1555
01:06:13,670 --> 01:06:11,490
who said there wasn't giving us the

1556
01:06:17,030 --> 01:06:13,680
lieutenant colonel philip corso approach

1557
01:06:19,220 --> 01:06:17,040
here no I'm not not at all I'm not a

1558
01:06:22,430 --> 01:06:19,230
great respecter of the Corps so approach

1559
01:06:24,200 --> 01:06:22,440
look if you gave Columbus it's a homely

1560
01:06:25,730 --> 01:06:24,210
example but if you gave him a nuclear

1561
01:06:28,190 --> 01:06:25,740
submarine and say Chris he'd done a

1562
01:06:30,440 --> 01:06:28,200
great job out there you found a whole

1563
01:06:32,300 --> 01:06:30,450

new world we got a little problem here

1564

01:06:34,400 --> 01:06:32,310

we got unlimited money I need two more

1565

01:06:36,950 --> 01:06:34,410

of these nuclear submarines could he

1566

01:06:38,780 --> 01:06:36,960

have built one not a chance there was

1567

01:06:40,940 --> 01:06:38,790

too much that he didn't know that he

1568

01:06:43,550 --> 01:06:40,950

would need to know to be able to do that

1569

01:06:45,620 --> 01:06:43,560

and I think when it comes to alien

1570

01:06:48,410 --> 01:06:45,630

technology I think we've learned some

1571

01:06:51,110 --> 01:06:48,420

things I use a homey example in a

1572

01:06:53,570 --> 01:06:51,120

different book about the samarium-cobalt

1573

01:06:55,010 --> 01:06:53,580

permanent magnets you get a piece from

1574

01:06:56,540 --> 01:06:55,020

the wreckage you send it to the right

1575

01:06:59,180 --> 01:06:56,550

people and they come back and tell you

1576

01:07:00,530 --> 01:06:59,190

hey this is samarium-cobalt and you send

1577

01:07:03,230 --> 01:07:00,540

it to somebody else and they say hey

1578

01:07:05,330 --> 01:07:03,240

highest magnetic field I've ever

1579

01:07:08,120 --> 01:07:05,340

mentioned for measured for a permanent

1580

01:07:09,880 --> 01:07:08,130

magnet and that winds up in ghetto

1581

01:07:13,070 --> 01:07:09,890

blasters believe it or not that's the

1582

01:07:16,220 --> 01:07:13,080

permanent magnet and the original work I

1583

01:07:17,090 --> 01:07:16,230

found out years later was done at right

1584

01:07:18,890 --> 01:07:17,100

here developed

1585

01:07:22,220 --> 01:07:18,900

Center no but I know where they got the

1586

01:07:24,440 --> 01:07:22,230

idea so and there's a picture of me in

1587

01:07:26,450 --> 01:07:24,450

my book flying saucers in science

1588

01:07:29,180 --> 01:07:26,460

standing next to the Apollo 12 command

1589

01:07:31,820 --> 01:07:29,190

module with light and on it you know

1590

01:07:33,080 --> 01:07:31,830

what it's a round blunt body I always

1591

01:07:34,760 --> 01:07:33,090

thought when I was young that a

1592

01:07:36,980 --> 01:07:34,770

high-speed aircraft that have a pointy

1593

01:07:39,560 --> 01:07:36,990

nose sharp wings highly extreme one you

1594

01:07:41,930 --> 01:07:39,570

know like the x-15 or something maybe

1595

01:07:44,660 --> 01:07:41,940

the idea for a round blunt body came

1596

01:07:47,300 --> 01:07:44,670

from knowing that saucers around blunt

1597

01:07:48,860 --> 01:07:47,310

bodies and they can move awful fast so

1598

01:07:51,830 --> 01:07:48,870

I'm not saying we haven't learned

1599

01:07:56,300 --> 01:07:51,840

anything I don't think we've learned the

1600

01:07:59,200 --> 01:07:56,310

big things like how to easily build say

1601
01:08:02,270 --> 01:07:59,210
a rocket to get us from Zeta Reticuli to

1602
01:08:04,640 --> 01:08:02,280
the Sun and the cost would be enormous

1603
01:08:07,550 --> 01:08:04,650
to incidentally even if we did know how

1604
01:08:10,610 --> 01:08:07,560
to do it in terms of little bits and

1605
01:08:13,490 --> 01:08:10,620
pieces of technology it may very well be

1606
01:08:16,790 --> 01:08:13,500
and I hear talk about people using

1607
01:08:18,860 --> 01:08:16,800
magneto aerodynamic propulsion you know

1608
01:08:21,170 --> 01:08:18,870
as a possibility and maybe learn from

1609
01:08:23,840 --> 01:08:21,180
saucers I don't know okay so talking

1610
01:08:27,770 --> 01:08:23,850
about the low-hanging fruit here stand

1611
01:08:29,750 --> 01:08:27,780
that obviously that technology exists

1612
01:08:31,730 --> 01:08:29,760
it's way beyond what we can figure out

1613
01:08:32,060 --> 01:08:31,740

we've had it there for more than 60

1614

01:08:34,040 --> 01:08:32,070

years

1615

01:08:36,170 --> 01:08:34,050

and we're just getting the stuff that

1616

01:08:38,210 --> 01:08:36,180

maybe we could sort of figure out what

1617

01:08:40,430 --> 01:08:38,220

the hope that over time we'll figure out

1618

01:08:43,430 --> 01:08:40,440

the rest of course that argues against

1619

01:08:45,680 --> 01:08:43,440

us being direct communication with et

1620

01:08:47,720 --> 01:08:45,690

we're not talking to them we don't know

1621

01:08:49,400 --> 01:08:47,730

that we're not the art Campbell out on

1622

01:08:51,290 --> 01:08:49,410

the west coast is doing a lot of work

1623

01:08:54,079 --> 01:08:51,300

that indicates that indeed Eisenhower

1624

01:08:56,240 --> 01:08:54,089

met with some ETS that in Alamogordo

1625

01:08:58,370 --> 01:08:56,250

well just outside element or DOE and

1626

01:09:00,829 --> 01:08:58,380

Holloman Air Force Base we don't know

1627

01:09:03,290 --> 01:09:00,839

but was he speaking for the planet I

1628

01:09:06,410 --> 01:09:03,300

don't know and it gets to the whole

1629

01:09:09,020 --> 01:09:06,420

question of why would aliens come here

1630

01:09:11,030 --> 01:09:09,030

and you know this silly business with

1631

01:09:12,800 --> 01:09:11,040

Stephen Hawking you know we shouldn't

1632

01:09:14,570 --> 01:09:12,810

attract their attention because they

1633

01:09:16,460 --> 01:09:14,580

might cause to happen to us what

1634

01:09:19,880 --> 01:09:16,470

Columbus caused to happen to the natives

1635

01:09:21,650 --> 01:09:19,890

and I think that's silly because we

1636

01:09:23,960 --> 01:09:21,660

already do have weapons of mass

1637

01:09:26,990 --> 01:09:23,970

destruction we Earthlings we do have

1638

01:09:29,269 --> 01:09:27,000

reconnaissance systems by satellites all

1639

01:09:32,089 --> 01:09:29,279

kinds of stuff we're poised to

1640

01:09:34,490 --> 01:09:32,099

go out to the stars they say with a

1641

01:09:36,439 --> 01:09:34,500

hundred years and that's not very long

1642

01:09:38,599 --> 01:09:36,449

at a cosmic time scale if you were an

1643

01:09:40,939 --> 01:09:38,609

alien wouldn't you be concerned about

1644

01:09:44,209 --> 01:09:40,949

Earthlings anybody in the neighborhood

1645

01:09:46,640 --> 01:09:44,219

sure but yeah but if you follow UFO

1646

01:09:49,430 --> 01:09:46,650

cases we're going back to Ezekiel's

1647

01:09:51,229 --> 01:09:49,440

wheels here so if he T's been around

1648

01:09:54,500 --> 01:09:51,239

they've been around for an awful long

1649

01:09:56,600 --> 01:09:54,510

time haven't they sure oh yeah I like

1650

01:09:59,299 --> 01:09:56,610

Barry Downing's book the Bible and

1651
01:10:03,620 --> 01:09:59,309
flying saucers that takes us back a few

1652
01:10:05,330 --> 01:10:03,630
thousand years anyway yeah so you check

1653
01:10:08,240 --> 01:10:05,340
them out every once in a while what are

1654
01:10:12,500 --> 01:10:08,250
the natives doing not much a hundred

1655
01:10:14,629 --> 01:10:12,510
years later not much but the past 110

1656
01:10:17,209 --> 01:10:14,639
years everything is changed on this

1657
01:10:21,020 --> 01:10:17,219
planet you know not only flight and

1658
01:10:21,529 --> 01:10:21,030
space and electronics and all that sort

1659
01:10:23,750 --> 01:10:21,539
of stuff

1660
01:10:26,689 --> 01:10:23,760
I mean we're primitive we didn't

1661
01:10:32,149 --> 01:10:26,699
discover the neutron until 1932 for

1662
01:10:34,520 --> 01:10:32,159
goodness sakes but why is Hawking wrong

1663
01:10:37,069 --> 01:10:34,530

Stan because when I heard what Hawking

1664

01:10:39,379 --> 01:10:37,079

said it resonated with me at least to

1665

01:10:41,270 --> 01:10:39,389

some extent the idea that you're sending

1666

01:10:43,040 --> 01:10:41,280

these signals out there pell-mell or

1667

01:10:44,660 --> 01:10:43,050

you're sending these Voyager probes or

1668

01:10:46,310 --> 01:10:44,670

whatever out there without really

1669

01:10:48,020 --> 01:10:46,320

thinking about let's assume there's

1670

01:10:49,850 --> 01:10:48,030

extraterrestrial life out there maybe

1671

01:10:51,560 --> 01:10:49,860

even here without really thinking about

1672

01:10:53,689 --> 01:10:51,570

what you might encounter and it's

1673

01:10:56,120 --> 01:10:53,699

working on the assumption and I think it

1674

01:10:57,439 --> 01:10:56,130

was very much sort of a 60s kind of

1675

01:10:58,819 --> 01:10:57,449

assumption if you look at most of the

1676

01:11:01,069 --> 01:10:58,829

scientists who've been working on these

1677

01:11:03,049 --> 01:11:01,079

programs for the last 20 or 30 years

1678

01:11:04,790 --> 01:11:03,059

they grew up in the 60s peace love and

1679

01:11:06,290 --> 01:11:04,800

understanding and apparently they

1680

01:11:08,810 --> 01:11:06,300

weren't paying attention to the Vietnam

1681

01:11:10,520 --> 01:11:08,820

War in the Cold War and nuclear

1682

01:11:14,750 --> 01:11:10,530

proliferation they missed that part

1683

01:11:15,830 --> 01:11:14,760

so what what if we wind up with aliens

1684

01:11:18,680 --> 01:11:15,840

out there that you know like

1685

01:11:20,089 --> 01:11:18,690

Independence Day that idea I think

1686

01:11:21,890 --> 01:11:20,099

Hawking actually talked about it that

1687

01:11:23,540 --> 01:11:21,900

aliens because they were traveling from

1688

01:11:25,339 --> 01:11:23,550

systems even they would be generational

1689

01:11:27,290 --> 01:11:25,349

ships self-sustaining and they would

1690

01:11:29,660 --> 01:11:27,300

simply move from system to system and

1691

01:11:31,370 --> 01:11:29,670

strip those systems as they did an

1692

01:11:36,729 --> 01:11:31,380

Independence Day of their resources and

1693

01:11:39,770 --> 01:11:36,739

then move on so quite wrong

1694

01:11:41,299 --> 01:11:39,780

because he totally ignores all the

1695

01:11:43,850 --> 01:11:41,309

evidence that they've been coming here

1696

01:11:46,639 --> 01:11:43,860

for a long time we know something about

1697

01:11:47,989 --> 01:11:46,649

alien behavior coming here we haven't

1698

01:11:50,449 --> 01:11:47,999

found a lot of places where they've

1699

01:11:54,949 --> 01:11:50,459

wiped out the the civilizations there

1700

01:11:56,899 --> 01:11:54,959

maybe they did that's not true let's

1701

01:11:58,399 --> 01:11:56,909

assume alien abductions are real and we

1702

01:12:00,979 --> 01:11:58,409

can get into that because both you

1703

01:12:03,369 --> 01:12:00,989

obviously even Kathleen literally wrote

1704

01:12:06,589 --> 01:12:03,379

the book sort of on the hill of texture

1705

01:12:09,319 --> 01:12:06,599

experience but would you not say that if

1706

01:12:12,679 --> 01:12:09,329

alien abductions are real that that is

1707

01:12:14,060 --> 01:12:12,689

not an intrusive phenomenon that some of

1708

01:12:16,069 --> 01:12:14,070

the things that are described for

1709

01:12:17,899 --> 01:12:16,079

instance by Travis Walton let's assume

1710

01:12:20,509 --> 01:12:17,909

the Travis Waltons account for the

1711

01:12:22,879 --> 01:12:20,519

minute is real and truthful the things

1712

01:12:24,109 --> 01:12:22,889

that he's described are not the kinds of

1713

01:12:26,899 --> 01:12:24,119

things that you would expect from the

1714

01:12:29,449 --> 01:12:26,909

space brothers of the 1950s that these

1715

01:12:31,489 --> 01:12:29,459

are things that if a human was to do it

1716

01:12:33,439 --> 01:12:31,499

to you you would wind up in front of a

1717

01:12:36,770 --> 01:12:33,449

judge in a criminal trial for a whole

1718

01:12:39,379 --> 01:12:36,780

bunch of crimes and rightly so so is it

1719

01:12:40,790 --> 01:12:39,389

all it's even assuming there aren't are

1720

01:12:42,889 --> 01:12:40,800

they're not indicators that they might

1721

01:12:45,949 --> 01:12:42,899

be less friendly than someone like

1722

01:12:48,229 --> 01:12:45,959

Steven Greer would have us believe well

1723

01:12:51,129 --> 01:12:48,239

I can't imagine them not being less

1724

01:12:55,040 --> 01:12:53,629

whichever whichever Exopolitics person

1725

01:12:57,619 --> 01:12:55,050

thinks they're all friendly and habit I

1726

01:13:00,830 --> 01:12:57,629

think that's great yeah I think yeah he

1727

01:13:03,709 --> 01:13:00,840

and Weber and the rest of them I'm not

1728

01:13:05,419 --> 01:13:03,719

saying that these guys are good guys you

1729

01:13:09,290 --> 01:13:05,429

know and the sense of peace brother

1730

01:13:11,540 --> 01:13:09,300

whatever what I'm saying is that Hawking

1731

01:13:13,969 --> 01:13:11,550

has not looked at either of two areas

1732

01:13:16,009 --> 01:13:13,979

one of those was the enormous amount of

1733

01:13:19,279 --> 01:13:16,019

data indicating that aliens are coming

1734

01:13:20,629 --> 01:13:19,289

here and you know how they behave and so

1735

01:13:23,350 --> 01:13:20,639

forth and the other is this whole

1736

01:13:25,509 --> 01:13:23,360

business of interstellar travel and it

1737

01:13:28,189 --> 01:13:25,519

boggles the mind that it's the

1738

01:13:31,819 --> 01:13:28,199

astrophysicist who don't look sensibly

1739

01:13:33,589 --> 01:13:31,829

he makes it sound you just repeated it

1740

01:13:35,350 --> 01:13:33,599

as a matter of fact that you know you go

1741

01:13:37,219 --> 01:13:35,360

from place to place and it's

1742

01:13:39,589 --> 01:13:37,229

multi-generational and all that kind of

1743

01:13:41,270 --> 01:13:39,599

stuff yeah I'm saying you know that

1744

01:13:43,429 --> 01:13:41,280

looks like saying the time it takes to

1745

01:13:46,369 --> 01:13:43,439

go around the planet is obviously three

1746

01:13:48,580 --> 01:13:46,379

years that's what Magellan ship took but

1747

01:13:50,740 --> 01:13:48,590

now you can do it in 90 minutes not

1748

01:13:52,419 --> 01:13:50,750

same thing can eat enough before the

1749

01:13:57,820 --> 01:13:52,429

trip so you don't have to worry until we

1750

01:14:01,530 --> 01:13:57,830

get back okay there's also the concept

1751

01:14:04,689 --> 01:14:01,540

stand of the mothership which does the

1752

01:14:06,640 --> 01:14:04,699

trans woman or whatever and they come

1753

01:14:08,410 --> 01:14:06,650

here from the other star system and they

1754

01:14:10,780 --> 01:14:08,420

bring with them a lot of smaller scalp

1755

01:14:19,030 --> 01:14:10,790

ships before we get a scout ships and

1756

01:14:21,040 --> 01:14:19,040

abductions and all that hi this is Tamar

1757

01:14:22,839 --> 01:14:21,050

from new G weird domain name and web

1758

01:14:25,180 --> 01:14:22,849

hosting company and we really care about

1759

01:14:27,490 --> 01:14:25,190

our customers with domain name purchases

1760

01:14:29,470 --> 01:14:27,500

Namecheap offers free SSL and three

1761

01:14:31,390 --> 01:14:29,480

Whois guard for a year to protect your

1762

01:14:33,100 --> 01:14:31,400

identity from spammers we won't bother

1763

01:14:34,870 --> 01:14:33,110

you with unwanted messaging in your

1764

01:14:36,669 --> 01:14:34,880

inbox or upon checkout but most

1765

01:14:38,620 --> 01:14:36,679

importantly we care about you our

1766

01:14:40,810 --> 01:14:38,630

customers your satisfaction and

1767

01:14:42,609 --> 01:14:40,820

Happiness is our primary focus because

1768

01:14:44,560 --> 01:14:42,619

your support means so much to us if

1769

01:14:46,540 --> 01:14:44,570

you'd like to learn more please visit us

1770

01:14:48,700 --> 01:14:46,550

at Radio namecheap.com

1771

01:14:50,680 --> 01:14:48,710

for web hosting and domain name specials

1772

01:14:56,200 --> 01:14:50,690

you can also follow us on twitter at

1773

01:14:59,500 --> 01:14:56,210

twitter.com/zeromd bars on facebook at

1774

01:15:07,859 --> 01:14:59,510

facebook.com slash named you online

1775

01:15:13,169 --> 01:15:10,330

stand with Freedmen's with kathleen

1776

01:15:16,959 --> 01:15:13,179

martin their author of a new book called

1777

01:15:19,839 --> 01:15:16,969

science was wrong and the subtitle of

1778

01:15:22,240 --> 01:15:19,849

the book is starving truths about cures

1779

01:15:24,850 --> 01:15:22,250

theories and inventions they declared

1780

01:15:27,339 --> 01:15:24,860

impossible and we're looking at of

1781

01:15:30,700 --> 01:15:27,349

course UFOs and some of the questions

1782

01:15:32,950 --> 01:15:30,710

that I raised about UFOs a lot of people

1783

01:15:34,419 --> 01:15:32,960

do not saying they're not real but there

1784

01:15:37,359 --> 01:15:34,429

are such peculiar things they're doing

1785

01:15:41,410 --> 01:15:37,369

ok alien logic but why do they always

1786

01:15:43,720 --> 01:15:41,420

need to land and the UFO nuts repeatedly

1787

01:15:46,689 --> 01:15:43,730

over and over again all around the world

1788

01:15:47,979 --> 01:15:46,699

take the same soil samples why do you

1789

01:15:50,530 --> 01:15:47,989

need to do that you can do that with

1790

01:15:52,359 --> 01:15:50,540

robotic craft are you asking me that

1791

01:15:53,950 --> 01:15:52,369

question sure it's pretty obvious that

1792

01:15:55,390 --> 01:15:53,960

unless you look around the world you're

1793

01:15:58,990 --> 01:15:55,400

not going to find some of the things you

1794

01:16:02,090 --> 01:15:59,000

don't find gold everywhere you looking

1795

01:16:04,220 --> 01:16:02,100

maybe for biological material and maybe

1796

01:16:06,260 --> 01:16:04,230

Gregg students I cut up a frog when I

1797

01:16:09,080 --> 01:16:06,270

was in school a long time ago and

1798

01:16:09,800 --> 01:16:09,090

millions of stupid they still do that or

1799

01:16:12,530 --> 01:16:09,810

not me

1800

01:16:15,020 --> 01:16:12,540

maybe it's against the rules now but why

1801

01:16:16,880 --> 01:16:15,030

did all those stupid American kids cut

1802

01:16:19,630 --> 01:16:16,890

up frogs and if they learn the first

1803

01:16:22,610 --> 01:16:19,640

time was part of a teaching experience

1804

01:16:24,260 --> 01:16:22,620

checking it out you guys know what

1805

01:16:26,600 --> 01:16:24,270

you're doing can you find out what's

1806

01:16:29,390 --> 01:16:26,610

here but the other thing is that our

1807

01:16:31,790 --> 01:16:29,400

planet is as varied as can be and what

1808

01:16:34,070 --> 01:16:31,800

minerals are either bitter in yon what

1809

01:16:35,840 --> 01:16:34,080

biological stuff why I was at Rutgers

1810

01:16:38,420 --> 01:16:35,850

University a long time ago we got

1811

01:16:42,080 --> 01:16:38,430

samples from all over the world of dirt

1812

01:16:44,570 --> 01:16:42,090

frankly and they cook this stuff

1813

01:16:47,750 --> 01:16:44,580

properly to see if they can find some

1814

01:16:50,420 --> 01:16:47,760

biological coulomb chemicals it's not

1815

01:16:52,850 --> 01:16:50,430

quite right but fungi and all kinds of

1816

01:16:54,380 --> 01:16:52,860

stuff I that might be used for the

1817

01:16:57,470 --> 01:16:54,390

treatment of disease and every once in a

1818

01:16:59,570 --> 01:16:57,480

while I found one on you know salvers

1819

01:17:01,610 --> 01:16:59,580

and cures for certain of the disease

1820

01:17:04,430 --> 01:17:01,620

they tried thousands of them then a

1821

01:17:06,770 --> 01:17:04,440

handful worked out pretty well isn't

1822

01:17:09,320 --> 01:17:06,780

that okay we understand maybe you want

1823

01:17:11,450 --> 01:17:09,330

to be more thorough about exploring our

1824

01:17:13,310 --> 01:17:11,460

planet but do you need to have the Grays

1825

01:17:15,560 --> 01:17:13,320

doing it why can't you just do it with

1826

01:17:19,520 --> 01:17:15,570

some kind of machine like we do with

1827

01:17:21,440 --> 01:17:19,530

Mars because I think you can my saying

1828

01:17:25,670 --> 01:17:21,450

so people control devices are more

1829

01:17:29,330 --> 01:17:25,680

reliable and can take other actions as

1830

01:17:31,820 --> 01:17:29,340

required I prefer you know not the

1831

01:17:34,370 --> 01:17:31,830

drones but the piloted craft if you will

1832

01:17:36,380 --> 01:17:34,380

but I don't speak for the aliens you

1833

01:17:39,470 --> 01:17:36,390

know I don't know why they do what they

1834

01:17:41,270 --> 01:17:39,480

do I don't have a pipeline to them but

1835

01:17:44,180 --> 01:17:41,280

we have to do is find out what they are

1836

01:17:46,130 --> 01:17:44,190

doing and if we can understand why that

1837

01:17:47,690 --> 01:17:46,140

comes later okay let's go back to

1838

01:17:49,610 --> 01:17:47,700

something you said earlier before Paul

1839

01:17:51,320 --> 01:17:49,620

picks up on a question go back to

1840

01:17:53,450 --> 01:17:51,330

something you said earlier the story

1841

01:17:55,910 --> 01:17:53,460

that Eisenhower and actually

1842

01:17:57,440 --> 01:17:55,920

communicated with et now do you really

1843

01:17:59,390 --> 01:17:57,450

believe that well I can kind of which

1844

01:18:03,260 --> 01:17:59,400

story you're talking about funny story

1845

01:18:06,020 --> 01:18:03,270

did Eisenhower and we talked to et under

1846

01:18:07,940 --> 01:18:06,030

any circumstances art Campbell has done

1847

01:18:09,140 --> 01:18:07,950

it he was a teacher he's retired now

1848

01:18:13,540 --> 01:18:09,150

he's doing something useful

1849

01:18:19,220 --> 01:18:17,210

has found witnesses who were present at

1850

01:18:20,930 --> 01:18:19,230

the time when the UFO was down on the

1851

01:18:22,010 --> 01:18:20,940

other end of their own way and I

1852

01:18:24,860 --> 01:18:22,020

explained was there when he was

1853

01:18:26,480 --> 01:18:24,870

supposedly playing golf in Georgia and

1854

01:18:29,330 --> 01:18:26,490

he's got a book that'll be coming out

1855

01:18:31,790 --> 01:18:29,340

hopefully sometime soon and that

1856

01:18:33,620 --> 01:18:31,800

indicates that there was contact who

1857

01:18:35,900 --> 01:18:33,630

knows what happened I don't know what

1858

01:18:39,050 --> 01:18:35,910

happened all right but it sounds like

1859

01:18:41,600 --> 01:18:39,060

the meeting took place and so it

1860

01:18:43,780 --> 01:18:41,610

wouldn't be surprising if such a meeting

1861

01:18:46,850 --> 01:18:43,790

had taken place and partly because

1862

01:18:49,790 --> 01:18:46,860

remember that we put out orders before

1863

01:18:54,620 --> 01:18:49,800

Eisenhower came into office and he came

1864

01:18:57,170 --> 01:18:54,630

in August and January of 53 in 52 orders

1865

01:18:59,210 --> 01:18:57,180

were issued to shoot down UFOs if they

1866

01:19:02,000 --> 01:18:59,220

don't land when instructed to do so

1867

01:19:03,500 --> 01:19:02,010

which is pretty strong stuff and the

1868

01:19:04,700 --> 01:19:03,510

head of the American rocket Society

1869

01:19:07,160 --> 01:19:04,710

wrote a letter to Truman saying he

1870

01:19:09,410 --> 01:19:07,170

didn't think that was a good idea and I

1871

01:19:12,080 --> 01:19:09,420

have heard seven different cases of

1872

01:19:15,680 --> 01:19:12,090

pilots going up after American pilots

1873

01:19:18,770 --> 01:19:15,690

going up after UFOs and not coming back

1874

01:19:20,810 --> 01:19:18,780

and so what I'm suggesting is there

1875

01:19:23,450 --> 01:19:20,820

might have been some kind of a

1876

01:19:26,480 --> 01:19:23,460

discussion here about get off our backs

1877

01:19:27,950 --> 01:19:26,490

fellas you know that trying to shoot at

1878

01:19:30,410 --> 01:19:27,960

each other it doesn't seem like a

1879

01:19:31,910 --> 01:19:30,420

sensible thing to do we won't do certain

1880

01:19:35,810 --> 01:19:31,920

things if you don't do certain things

1881

01:19:38,180 --> 01:19:35,820

leave us alone so I could fit into that

1882

01:19:42,230 --> 01:19:38,190

time frame remember 52 is a very big

1883

01:19:43,940 --> 01:19:42,240

year for ufology if you will and so who

1884

01:19:46,490 --> 01:19:43,950

knows what the reasons were or what

1885

01:19:48,380 --> 01:19:46,500

happened but certainly shooting down

1886

01:19:51,680 --> 01:19:48,390

airplanes is not something we'd like to

1887

01:19:52,250 --> 01:19:51,690

have go on forever is it I don't think

1888

01:19:54,700 --> 01:19:52,260

so

1889

01:19:56,900 --> 01:19:54,710

as much as I find the subject of UFOs

1890

01:19:59,300 --> 01:19:56,910

fascinating and I'm sure the Parkes

1891

01:20:05,630 --> 01:19:59,310

listeners would love to continue to

1892

01:20:08,480 --> 01:20:05,640

listen to UFOs I'm bored Cathy are you

1893

01:20:09,440 --> 01:20:08,490

still there yes I am she's not bored

1894

01:20:11,570 --> 01:20:09,450

thank God

1895

01:20:13,640 --> 01:20:11,580

the hemophiliac ala cost because the

1896

01:20:15,710 --> 01:20:13,650

book is titled science was wrong and you

1897

01:20:17,720 --> 01:20:15,720

know what as important as UFOs might be

1898

01:20:19,430 --> 01:20:17,730

in our long-term development as humans

1899

01:20:20,930 --> 01:20:19,440

if they really are extraterrestrials or

1900

01:20:23,450 --> 01:20:20,940

whatever they are maybe we can learn

1901

01:20:24,600 --> 01:20:23,460

something about ourselves but we're not

1902

01:20:27,180 --> 01:20:24,610

doing it today

1903

01:20:29,580 --> 01:20:27,190

so at best what we can do with the UFOs

1904

01:20:30,959 --> 01:20:29,590

is continue in my mind is to continue to

1905

01:20:32,669 --> 01:20:30,969

investigate to try and figure out what

1906

01:20:34,109 --> 01:20:32,679

they are Stan you already think you know

1907

01:20:35,970 --> 01:20:34,119

what they are you're convinced rather

1908

01:20:38,939 --> 01:20:35,980

that you know what they are so for you

1909

01:20:41,040 --> 01:20:38,949

out more of course yes so for you it's

1910

01:20:42,689 --> 01:20:41,050

it's more of not an investigative thing

1911

01:20:45,359 --> 01:20:42,699

anymore but more of a proponent thing

1912

01:20:47,399 --> 01:20:45,369

trying to convince or show other people

1913

01:20:49,590 --> 01:20:47,409

your point of view which is certainly

1914

01:20:52,470 --> 01:20:49,600

fair but there's there's an awful lot of

1915

01:20:54,840 --> 01:20:52,480

stuff in science was wrong that I think

1916

01:20:56,879 --> 01:20:54,850

is actually very important I think Stan

1917

01:20:58,560 --> 01:20:56,889

it's the best book in the most important

1918

01:21:01,260 --> 01:20:58,570

book that you've either written or

1919

01:21:05,910 --> 01:21:01,270

co-written in your career and thank you

1920

01:21:07,260 --> 01:21:05,920

so much well I am because I've read your

1921

01:21:12,120 --> 01:21:07,270

other books that she wasn't involved in

1922

01:21:13,500 --> 01:21:12,130

and no I'm just kidding do I understand

1923

01:21:16,439 --> 01:21:13,510

right that you wrote chapter 8 the

1924

01:21:18,090 --> 01:21:16,449

hemophilia Holocaust yes I did could you

1925

01:21:19,890 --> 01:21:18,100

could you talk it because this touched

1926

01:21:22,439 --> 01:21:19,900

the para Casa listenership probably

1927

01:21:24,840 --> 01:21:22,449

doesn't know but Pema philia and AIDS

1928

01:21:26,879 --> 01:21:24,850

touched both my family and Stan's family

1929

01:21:29,430 --> 01:21:26,889

which is sort of the same family very

1930

01:21:30,959 --> 01:21:29,440

much one of my cousins Randy Conners was

1931

01:21:33,180 --> 01:21:30,969

the leading AIDS activist and

1932

01:21:35,790 --> 01:21:33,190

hemophiliac here in Canada who died of

1933

01:21:37,590 --> 01:21:35,800

AIDS and the tainted blood transfusion

1934

01:21:40,080 --> 01:21:37,600

sopra perhaps you could talk a bit about

1935

01:21:41,879 --> 01:21:40,090

the hemophilia Holocaust which I found

1936

01:21:44,310 --> 01:21:41,889

one of the most interesting and

1937

01:21:46,950 --> 01:21:44,320

important chapters about how science can

1938

01:21:49,620 --> 01:21:46,960

really go wrong and how there can be

1939

01:21:53,070 --> 01:21:49,630

some very tragic human consequences when

1940

01:21:56,250 --> 01:21:53,080

it does yes this was extremely important

1941

01:21:59,700 --> 01:21:56,260

and I think that a lot of people aren't

1942

01:22:04,590 --> 01:21:59,710

fully aware of the fact that something

1943

01:22:09,090 --> 01:22:04,600

like 78 percent of the hemophiliacs in

1944

01:22:12,080 --> 01:22:09,100

the world ended up with HIV and a very

1945

01:22:15,770 --> 01:22:12,090

large percentage died as a result of

1946

01:22:19,850 --> 01:22:15,780

coming down with full-blown AIDS and

1947

01:22:23,250 --> 01:22:19,860

science was aware of what was going on

1948

01:22:27,300 --> 01:22:23,260

long before anything we've done to

1949

01:22:29,520 --> 01:22:27,310

correct the problem there were incorrect

1950

01:22:33,480 --> 01:22:29,530

assumptions made by the medical

1951

01:22:37,140 --> 01:22:33,490

establishment that it wasn't as violence

1952

01:22:41,250 --> 01:22:37,150

and that it wouldn't pass through the

1953

01:22:45,300 --> 01:22:41,260

filters that were used to to filter out

1954

01:22:48,410 --> 01:22:45,310

contaminants in large batches of factor

1955

01:22:52,740 --> 01:22:48,420

H which is a clotting factor that

1956

01:22:56,550 --> 01:22:52,750

hemophiliacs use and this clotting

1957

01:23:00,240 --> 01:22:56,560

factor was made from thousands and

1958

01:23:02,000 --> 01:23:00,250

thousands of blood samples and some of

1959

01:23:07,590 --> 01:23:02,010

those blood samples were contaminated

1960

01:23:11,190 --> 01:23:07,600

with HIV the the filters would filter

1961

01:23:16,310 --> 01:23:11,200

out bacteria but it didn't filter out

1962

01:23:20,520 --> 01:23:16,320

hepatitis hepatitis C and the HIV virus

1963

01:23:23,550 --> 01:23:20,530

the huge mistake I think was in part

1964

01:23:27,210 --> 01:23:23,560

based upon greed that there was a denial

1965

01:23:31,410 --> 01:23:27,220

that it was a virus that was even

1966

01:23:34,440 --> 01:23:31,420

causing this and it was it really did

1967

01:23:37,100 --> 01:23:34,450

flatten the blood banks and the drug

1968

01:23:40,020 --> 01:23:37,110

companies who were producing factory

1969

01:23:43,980 --> 01:23:40,030

concentrate if were taken off the market

1970

01:23:48,950 --> 01:23:43,990

there would be a huge loss of money and

1971

01:23:53,940 --> 01:23:48,960

so I think that in a sense it was a

1972

01:23:57,510 --> 01:23:53,950

political decision and it was egos were

1973

01:24:01,950 --> 01:23:57,520

involved and I think also that greed was

1974

01:24:04,740 --> 01:24:01,960

a huge factor in this and this is what

1975

01:24:08,130 --> 01:24:04,750

in the end led to so many teal team

1976

01:24:12,540 --> 01:24:08,140

affiliates contracting the the HIV virus

1977

01:24:16,800 --> 01:24:12,550

and dying from it and in the whole

1978

01:24:21,750 --> 01:24:16,810

search for the cause of HIV there was a

1979

01:24:24,060 --> 01:24:21,760

lot of political disagreements going on

1980

01:24:29,040 --> 01:24:24,070

between the scientists who were involved

1981

01:24:33,000 --> 01:24:29,050

each each one had his own cat theory the

1982

01:24:36,370 --> 01:24:33,010

Louis Pasteur Institute in France Luc

1983

01:24:40,060 --> 01:24:36,380

montagnier and Francois Barr

1984

01:24:42,520 --> 01:24:40,070

were working on samples in France and

1985

01:24:45,450 --> 01:24:42,530

those were independent from the samples

1986

01:24:47,950 --> 01:24:45,460

that the United States was working on

1987

01:24:50,890 --> 01:24:47,960

robert gallows laboratory at the

1988

01:24:53,500 --> 01:24:50,900

National Cancer Institute was working on

1989

01:24:58,360 --> 01:24:53,510

samples in the United States Robert

1990

01:25:00,540 --> 01:24:58,370

gallo theorized that this is virus and

1991

01:25:04,840 --> 01:25:00,550

we didn't know what it was called then

1992

01:25:08,890 --> 01:25:04,850

we were calling it grids gay-related

1993

01:25:11,590 --> 01:25:08,900

immune dysfunction and Robert Gallo had

1994

01:25:15,070 --> 01:25:11,600

the idea that this was probably related

1995

01:25:20,440 --> 01:25:15,080

to cat leukemia and thought that it was

1996

01:25:24,070 --> 01:25:20,450

caused by the htlv 3 virus now the past

1997

01:25:28,050 --> 01:25:24,080

year Institute scientists actually were

1998

01:25:30,610 --> 01:25:28,060

the one who identified the virus and

1999

01:25:33,940 --> 01:25:30,620

were able to replicate it in their

2000

01:25:35,950 --> 01:25:33,950

laboratory and finally it lived long

2001

01:25:38,520 --> 01:25:35,960

enough so that they could study this and

2002

01:25:43,330 --> 01:25:38,530

they realized that it was a retrovirus

2003

01:25:47,380 --> 01:25:43,340

they wrote an article they submitted it

2004

01:25:49,360 --> 01:25:47,390

to to nature but nature wouldn't publish

2005

01:25:53,020 --> 01:25:49,370

it and that is part of the failure of

2006

01:25:55,510 --> 01:25:53,030

science I think and a point that I'm

2007

01:25:57,970 --> 01:25:55,520

driving home in the chapters that I

2008

01:26:01,540 --> 01:25:57,980

wrote in this book is that it is

2009

01:26:03,940 --> 01:26:01,550

political in the sense that the medical

2010

01:26:07,180 --> 01:26:03,950

establishment or the scientific

2011

01:26:11,560 --> 01:26:07,190

establishment is controlling in a sense

2012

01:26:14,260 --> 01:26:11,570

what gets into these journals these

2013

01:26:17,470 --> 01:26:14,270

peer-reviewed journals so there's a

2014

01:26:19,840 --> 01:26:17,480

hierarchy here and even though the

2015

01:26:22,840 --> 01:26:19,850

French had made a very significant

2016

01:26:25,690 --> 01:26:22,850

finding and had wanted to publish it

2017

01:26:28,180 --> 01:26:25,700

they were denied to the right to do that

2018

01:26:31,990 --> 01:26:28,190

the only way that this ended up being

2019

01:26:34,690 --> 01:26:32,000

published is that Robert Gallo agreed to

2020

01:26:38,110 --> 01:26:34,700

submit the pasture teens research

2021

01:26:39,459 --> 01:26:38,120

findings to science magazine along with

2022

01:26:41,650 --> 01:26:39,469

his own

2023

01:26:45,040 --> 01:26:41,660

and this is how it all came out it ended

2024

01:26:48,040 --> 01:26:45,050

up in a huge political dispute between

2025

01:26:51,760 --> 01:26:48,050

France and the United States we're

2026

01:26:54,250 --> 01:26:51,770

either intentionally or by accident the

2027

01:26:58,959 --> 01:26:54,260

United States ended up with the French

2028

01:27:02,170 --> 01:26:58,969

sample and identified HIV as being their

2029

01:27:05,680 --> 01:27:02,180

own and there was a political

2030

01:27:08,939 --> 01:27:05,690

announcement made by the federal US

2031

01:27:12,850 --> 01:27:08,949

federal government that it had been

2032

01:27:15,630 --> 01:27:12,860

gallows team who had discovered HIV and

2033

01:27:19,270 --> 01:27:15,640

there was a lot of political posturing

2034

01:27:22,180 --> 01:27:19,280

there were lawsuits going on and the

2035

01:27:25,900 --> 01:27:22,190

test for the AIDS virus ended up being

2036

01:27:28,810 --> 01:27:25,910

held up for several months as a result

2037

01:27:30,959 --> 01:27:28,820

of this political dispute that was going

2038

01:27:36,010 --> 01:27:30,969

on between France and the United States

2039

01:27:39,870 --> 01:27:36,020

so in a sense it is politics that has

2040

01:27:42,820 --> 01:27:39,880

interfered with science in many ways and

2041

01:27:46,090 --> 01:27:42,830

thousands of people perhaps millions of

2042

01:27:49,630 --> 01:27:46,100

people have died or been seriously

2043

01:27:51,260 --> 01:27:49,640

negatively impacted by this sort of

2044

01:28:00,260 --> 01:27:51,270

thing

2045

01:28:04,260 --> 01:28:00,270

[Music]

2046

01:28:06,390 --> 01:28:04,270

is there a secret UFO agenda to strange

2047

01:28:08,880 --> 01:28:06,400

creatures from the darkest corners of

2048

01:28:11,520 --> 01:28:08,890

the mind roam the earth is there

2049

01:28:14,790 --> 01:28:11,530

evidence to remind control time travel

2050

01:28:16,650 --> 01:28:14,800

or devious government conspiracies find

2051

01:28:19,620 --> 01:28:16,660

out the inside scoop on the latest

2052

01:28:22,320 --> 01:28:19,630

conspiracies Paranormal Activity and at

2053

01:28:25,050 --> 01:28:22,330

14 phenomena when you subscribe to Tim

2054

01:28:27,690 --> 01:28:25,060

Beckley's conspiracy Turo its jam-packed

2055

01:28:30,150 --> 01:28:27,700

with stories special book and DVD

2056

01:28:32,400 --> 01:28:30,160

promotions and the best news it's

2057

01:28:35,400 --> 01:28:32,410

absolutely free sent right to your

2058

01:28:38,940 --> 01:28:35,410

mailbox plus a bonus free email

2059

01:28:40,800 --> 01:28:38,950

newsletter sent out every Friday simply

2060

01:28:45,780 --> 01:28:40,810

sent an email with your name and address

2061

01:28:50,460 --> 01:28:45,790

do mr. UFO at web TV net attached to mr.

2062

01:28:54,590 --> 01:28:50,470

UFO at web TV net find out what they

2063

01:28:59,469 --> 01:28:56,399

[Music]

2064

01:29:02,480 --> 01:28:59,479

you're in the pair guest you never know

2065

01:29:05,540 --> 01:29:02,490

what's going to have on the mast

2066

01:29:08,700 --> 01:29:05,550

[Applause]

2067

01:29:10,500 --> 01:29:08,710

we have Kathleen Martin and Stanton

2068

01:29:12,510 --> 01:29:10,510

Friedman authors of science was wrong

2069

01:29:15,570 --> 01:29:12,520

Starling truths about cures theories and

2070

01:29:18,960 --> 01:29:15,580

inventions they declared impossible and

2071

01:29:20,730 --> 01:29:18,970

our co-host is Paul Kimball okay the day

2072

01:29:23,310 --> 01:29:20,740

here it seems to be there's so much

2073

01:29:25,740 --> 01:29:23,320

politics in science and you have to

2074

01:29:29,190 --> 01:29:25,750

wonder here we have all the conventional

2075

01:29:31,020 --> 01:29:29,200

wisdoms Kathleen and Stanton we have all

2076

01:29:33,770 --> 01:29:31,030

the existing knowledge we have all the

2077

01:29:36,090 --> 01:29:33,780

textbooks out there we were invested in

2078

01:29:37,380 --> 01:29:36,100

certain areas of knowledge and suddenly

2079

01:29:39,840 --> 01:29:37,390

you find out it's wrong and this is a

2080

01:29:42,900 --> 01:29:39,850

very bad case a horrible case the

2081

01:29:44,760 --> 01:29:42,910

hemophilia Holocaust you call it how do

2082

01:29:47,040 --> 01:29:44,770

we deal with this how do we deal with

2083

01:29:50,760 --> 01:29:47,050

all the politics and science it's messed

2084

01:29:57,600 --> 01:29:50,770

up things so much no boy all right what

2085

01:29:59,220 --> 01:29:57,610

kind of a question is that's what you

2086

01:30:04,380 --> 01:29:59,230

get on the pair cast that you don't get

2087

01:30:07,470 --> 01:30:04,390

on some course the question becomes one

2088

01:30:10,940 --> 01:30:07,480

of how can you use the capabilities that

2089

01:30:13,470 --> 01:30:10,950

are out there to get independent

2090

01:30:16,890 --> 01:30:13,480

evaluations from people who aren't

2091

01:30:18,840 --> 01:30:16,900

directly involved maybe of what's going

2092

01:30:20,490 --> 01:30:18,850

on now that eventually happened with

2093

01:30:22,440 --> 01:30:20,500

regard to Gallo as a matter of fact the

2094

01:30:24,960 --> 01:30:22,450

Nobel Prize was given to the two French

2095

01:30:27,180 --> 01:30:24,970

researchers which was a real slap in the

2096

01:30:30,000 --> 01:30:27,190

face to Gallo you might say although he

2097

01:30:31,830 --> 01:30:30,010

earned it there's nobody speaking in

2098

01:30:34,590 --> 01:30:31,840

this case for example for the

2099

01:30:36,690 --> 01:30:34,600

haemophilic it's the powers that be

2100

01:30:38,820 --> 01:30:36,700

above that the Red Cross is still

2101
01:30:41,760 --> 01:30:38,830
struggling with they haven't settled the

2102
01:30:45,960 --> 01:30:41,770
suit against them and you saw such

2103
01:30:48,770 --> 01:30:45,970
terrible things as the head of one red

2104
01:30:51,570 --> 01:30:48,780
cross distributor of blood products

2105
01:30:53,190 --> 01:30:51,580
getting back stuff that wasn't heat

2106
01:30:54,750 --> 01:30:53,200
treated which is another part of the

2107
01:30:56,910 --> 01:30:54,760
pictures of Germans had figured that out

2108
01:30:58,920 --> 01:30:56,920
years before that the heat treated you

2109
01:31:03,030 --> 01:30:58,930
got rid of viruses but that was too

2110
01:31:04,560 --> 01:31:03,040
expensive anyway he got back one batch

2111
01:31:06,840 --> 01:31:04,570
from a hospital that was now getting

2112
01:31:09,870 --> 01:31:06,850
heat treated and sent it off to another

2113
01:31:12,060 --> 01:31:09,880

hospital now I don't know what you do to

2114

01:31:14,250 --> 01:31:12,070

get involved you know how do you stop

2115

01:31:16,890 --> 01:31:14,260

things like that from happening because

2116

01:31:17,890 --> 01:31:16,900

it's all done in the dark nobody knows

2117

01:31:19,899 --> 01:31:17,900

about it until

2118

01:31:22,870 --> 01:31:19,909

was a big inquiry in Canada at least

2119

01:31:26,350 --> 01:31:22,880

about how these things happened right

2120

01:31:28,570 --> 01:31:26,360

bothers me so much Stan is not just that

2121

01:31:31,720 --> 01:31:28,580

sometimes science fails to see things

2122

01:31:33,520 --> 01:31:31,730

warning signs but you know nowadays a

2123

01:31:36,220 --> 01:31:33,530

lot of the drug companies spend millions

2124

01:31:39,550 --> 01:31:36,230

and billions of dollars advertising junk

2125

01:31:41,800 --> 01:31:39,560

on TV and you listen to this great

2126
01:31:45,010 --> 01:31:41,810
benefit of this antidepressant whatever

2127
01:31:47,380 --> 01:31:45,020
gets rid of cholesterol controls you

2128
01:31:49,120 --> 01:31:47,390
know restless leg syndrome or anything

2129
01:31:51,220 --> 01:31:49,130
like that and then you hear the

2130
01:31:54,330 --> 01:31:51,230
exceptions the contraindications the

2131
01:31:56,260 --> 01:31:54,340
things that go wrong may cause death

2132
01:32:00,580 --> 01:31:56,270
wait a minute folks

2133
01:32:02,590 --> 01:32:00,590
I'm done with this well a good example

2134
01:32:04,510 --> 01:32:02,600
that you mentioned the cholesterol so if

2135
01:32:07,270 --> 01:32:04,520
there was a study done years ago way

2136
01:32:09,760 --> 01:32:07,280
back in the eighties showing that if you

2137
01:32:11,470 --> 01:32:09,770
took colas tyramine everybody would

2138
01:32:14,260 --> 01:32:11,480

benefit and reducing cholesterol

2139

01:32:16,720 --> 01:32:14,270

everybody above two years old because

2140

01:32:19,270 --> 01:32:16,730

there'd been this you and it will cost

2141

01:32:21,700 --> 01:32:19,280

many millions of dollars to osebo

2142

01:32:23,439 --> 01:32:21,710

controlled double-blind study that

2143

01:32:25,870 --> 01:32:23,449

that's the top of the heap when it comes

2144

01:32:28,330 --> 01:32:25,880

to you know medical evaluations and

2145

01:32:30,640 --> 01:32:28,340

drugs and stuff well I was doing my

2146

01:32:33,490 --> 01:32:30,650

regular weekly science commentary at the

2147

01:32:35,260 --> 01:32:33,500

time and I read the article and I read

2148

01:32:38,020 --> 01:32:35,270

it carefully and listen to the noise

2149

01:32:39,669 --> 01:32:38,030

from the news pundits you know at last

2150

01:32:42,430 --> 01:32:39,679

we've had a breakthrough at cetera et

2151
01:32:45,100 --> 01:32:42,440
cetera well I looked at the article and

2152
01:32:46,750 --> 01:32:45,110
there were two things first of all the

2153
01:32:49,810 --> 01:32:46,760
population that was involved in this

2154
01:32:52,870 --> 01:32:49,820
huge study was very select top 10% of

2155
01:32:54,250 --> 01:32:52,880
cholesterol levels and men over 40 that

2156
01:32:57,090 --> 01:32:54,260
got lost when people were saying

2157
01:32:59,320 --> 01:32:57,100
everybody should take this just because

2158
01:33:00,720 --> 01:32:59,330
diabetics benefit from insulin doesn't

2159
01:33:03,490 --> 01:33:00,730
mean you should give everybody insulin

2160
01:33:06,310 --> 01:33:03,500
seconds might be when you looked at the

2161
01:33:09,010 --> 01:33:06,320
back of the article it turns out there

2162
01:33:10,810 --> 01:33:09,020
were more Ducks from stomach cancer they

2163
01:33:13,240 --> 01:33:10,820

were less from heart disease which was

2164

01:33:15,340 --> 01:33:13,250

the thing they were supposedly most

2165

01:33:17,020 --> 01:33:15,350

concerned with and more from stomach

2166

01:33:20,229 --> 01:33:17,030

cancer I don't know if I want to trade

2167

01:33:23,770 --> 01:33:20,239

that off you know but somebody I don't

2168

01:33:27,129 --> 01:33:23,780

know who didn't do a good job of reading

2169

01:33:28,629 --> 01:33:27,139

the article of vetting the study and I

2170

01:33:30,380 --> 01:33:28,639

learned a ministry that sometimes you

2171

01:33:32,360 --> 01:33:30,390

put stuff up at the beginning you know

2172

01:33:34,760 --> 01:33:32,370

summer the executive summary doesn't

2173

01:33:36,380 --> 01:33:34,770

that sound impressive and you find that

2174

01:33:38,900 --> 01:33:36,390

what's in there isn't justified by the

2175

01:33:42,130 --> 01:33:38,910

data in the report we don't have a good

2176

01:33:45,080 --> 01:33:42,140

mechanism for you know we need a

2177

01:33:47,750 --> 01:33:45,090

consensus team that looks at new stuff

2178

01:33:49,850 --> 01:33:47,760

and comes at it with knives sharpened

2179

01:33:52,550 --> 01:33:49,860

ready to do it carefully and then drug

2180

01:33:54,410 --> 01:33:52,560

companies do worry me they worried me

2181

01:33:59,060 --> 01:33:54,420

considerably and their attacks on me

2182

01:34:01,850 --> 01:33:59,070

none drug none Bible stuff is well let

2183

01:34:05,390 --> 01:34:01,860

me give you a recent example the ginkgo

2184

01:34:09,200 --> 01:34:05,400

biloba has been touted as a way to stave

2185

01:34:11,470 --> 01:34:09,210

off Alzheimer's disease and there was a

2186

01:34:14,390 --> 01:34:11,480

study that got a lot of publicity

2187

01:34:16,160 --> 01:34:14,400

ineffective study shows large study

2188

01:34:17,840 --> 01:34:16,170

showed well I had to read several

2189

01:34:20,030 --> 01:34:17,850

different articles before I can figure

2190

01:34:23,660 --> 01:34:20,040

out well what was the dose because with

2191

01:34:26,570 --> 01:34:23,670

all drugs doses a concern you know how

2192

01:34:27,980 --> 01:34:26,580

much is safe for one thing but and I

2193

01:34:31,340 --> 01:34:27,990

found out that they were talking about

2194

01:34:33,050 --> 01:34:31,350

like 240 million not really milligrams

2195

01:34:34,910 --> 01:34:33,060

for let's call it milligrams for our

2196

01:34:37,210 --> 01:34:34,920

purposes here why don't people are using

2197

01:34:40,040 --> 01:34:37,220

this stuff who take 3 times that much

2198

01:34:42,100 --> 01:34:40,050

normally with the drug you have at least

2199

01:34:45,230 --> 01:34:42,110

three different levels of administration

2200

01:34:48,590 --> 01:34:45,240

so that you can say nothing much happens

2201

01:34:50,960 --> 01:34:48,600

at a hundred but 200 is good and G 400

2202

01:34:53,120 --> 01:34:50,970

is even better and also you look at

2203

01:34:55,190 --> 01:34:53,130

side-effects you know as a function of

2204

01:34:58,070 --> 01:34:55,200

dose because if the side-effects get

2205

01:35:01,730 --> 01:34:58,080

much worse then they better back off

2206

01:35:03,890 --> 01:35:01,740

and so we the press the media the people

2207

01:35:06,640 --> 01:35:03,900

who tout all these things and a lot of

2208

01:35:11,000 --> 01:35:06,650

people working in PR for the drug firms

2209

01:35:13,010 --> 01:35:11,010

aren't paying enough attention to to the

2210

01:35:14,810 --> 01:35:13,020

science if you want to put it that way

2211

01:35:18,260 --> 01:35:14,820

so it's not science that's wrong it's

2212

01:35:20,180 --> 01:35:18,270

the use of science that's wrong good

2213

01:35:21,650 --> 01:35:20,190

fathers mean their ever since that one

2214

01:35:24,710 --> 01:35:21,660

study and then looking at other ones

2215

01:35:26,690 --> 01:35:24,720

very critically and holy cow what are

2216

01:35:28,520 --> 01:35:26,700

they saying here you can't justify that

2217

01:35:30,650 --> 01:35:28,530

conclusion on the data in the report

2218

01:35:33,200 --> 01:35:30,660

well science doesn't exist in an ethical

2219

01:35:35,240 --> 01:35:33,210

vacuum though so you mentioned we we

2220

01:35:38,030 --> 01:35:35,250

talked earlier about or at least he

2221

01:35:39,620 --> 01:35:38,040

briefly came up Verner von braun and the

2222

01:35:42,050 --> 01:35:39,630

fundamental role he played of course in

2223

01:35:43,680 --> 01:35:42,060

the american rocket program more people

2224

01:35:46,500 --> 01:35:43,690

died building the v2

2225

01:35:48,570 --> 01:35:46,510

rockets in Nazi Germany that actually

2226

01:35:51,000 --> 01:35:48,580

died from having v2 rockets dropped on

2227

01:35:52,650 --> 01:35:51,010

top of them so when you look at

2228

01:35:54,450 --> 01:35:52,660

something like her labor kind of right

2229

01:35:56,460 --> 01:35:54,460

exactly yeah when you look at something

2230

01:35:58,650 --> 01:35:56,470

like Verner von Braun he was a member of

2231

01:36:01,350 --> 01:35:58,660

the Nazi Party he was a member of the SS

2232

01:36:04,350 --> 01:36:01,360

and by any standard that I can think of

2233

01:36:05,640 --> 01:36:04,360

he was a war criminal and yeah we took

2234

01:36:08,490 --> 01:36:05,650

you shouldn't have been allowed in the

2235

01:36:10,080 --> 01:36:08,500

country i right that's a political

2236

01:36:12,390 --> 01:36:10,090

decision it's a governmental decision I

2237

01:36:15,300 --> 01:36:12,400

see I understand why they took it but

2238

01:36:18,500 --> 01:36:15,310

that's where science comes up against

2239

01:36:22,470 --> 01:36:18,510

morality comes up against ethics and

2240

01:36:24,270 --> 01:36:22,480

governmental policy it is a huge sort of

2241

01:36:27,060 --> 01:36:24,280

issue and a huge mess and I honestly

2242

01:36:28,350 --> 01:36:27,070

don't think that very many people turn

2243

01:36:30,450 --> 01:36:28,360

their attention to it in our modern

2244

01:36:32,730 --> 01:36:30,460

society and going back to the eugenics

2245

01:36:34,920 --> 01:36:32,740

thing the genetics thing the research

2246

01:36:37,020 --> 01:36:34,930

that's being done in the genetic

2247

01:36:37,440 --> 01:36:37,030

research bioengineering all that sort of

2248

01:36:41,280 --> 01:36:37,450

stuff

2249

01:36:43,230 --> 01:36:41,290

I believe 99% of people don't even think

2250

01:36:45,330 --> 01:36:43,240

about it and what it actually might mean

2251
01:36:47,220 --> 01:36:45,340
for the future of the human race where

2252
01:36:48,630 --> 01:36:47,230
we're going with it I don't think

2253
01:36:52,830 --> 01:36:48,640
they're tuned into it at all

2254
01:36:55,230 --> 01:36:52,840
and so I think that's very yeah well it

2255
01:36:57,810 --> 01:36:55,240
is but then who do we blame when you're

2256
01:36:59,280 --> 01:36:57,820
talking about medications is into my

2257
01:37:01,260 --> 01:36:59,290
mind and and let me know what you think

2258
01:37:03,120 --> 01:37:01,270
about this after the Second World War we

2259
01:37:04,440 --> 01:37:03,130
truly jumped the shark you know you

2260
01:37:06,660 --> 01:37:04,450
often hear the military industrial

2261
01:37:08,550 --> 01:37:06,670
complex you could extend it to the

2262
01:37:11,580 --> 01:37:08,560
corporate military pharmaceutical

2263
01:37:13,140 --> 01:37:11,590

industrial scientific complex where all

2264

01:37:16,590 --> 01:37:13,150

of those things were merged together

2265

01:37:18,540 --> 01:37:16,600

where academia was co-opted during the

2266

01:37:20,490 --> 01:37:18,550

war and after the war you talk about

2267

01:37:22,620 --> 01:37:20,500

Donald Menzel with reference to mj-12

2268

01:37:24,570 --> 01:37:22,630

but you know all of them almost all of

2269

01:37:26,370 --> 01:37:24,580

them were involved some way with the

2270

01:37:28,020 --> 01:37:26,380

government so that now you don't know

2271

01:37:31,110 --> 01:37:28,030

where the government ends the military

2272

01:37:33,180 --> 01:37:31,120

begins corporate begins you know the

2273

01:37:33,870 --> 01:37:33,190

pharmaceuticals begin there also

2274

01:37:36,840 --> 01:37:33,880

intermix

2275

01:37:39,510 --> 01:37:36,850

it's it's like trying to cut the Gordian

2276

01:37:41,400 --> 01:37:39,520

knot and I'm not exactly sure how you do

2277

01:37:43,050 --> 01:37:41,410

it I just think the only way you can do

2278

01:37:45,090 --> 01:37:43,060

it is for citizens to become more aware

2279

01:37:46,710 --> 01:37:45,100

of it which is why I think books like

2280

01:37:48,330 --> 01:37:46,720

yours are important because then they

2281

01:37:51,090 --> 01:37:48,340

can see things like the hemophiliac

2282

01:37:52,860 --> 01:37:51,100

Auster the eugenics movement and see how

2283

01:37:55,020 --> 01:37:52,870

science has been twisted and manipulated

2284

01:37:56,670 --> 01:37:55,030

and how it might be happening now

2285

01:37:57,080 --> 01:37:56,680

without us even knowing about it

2286

01:37:59,540 --> 01:37:57,090

that's

2287

01:38:01,459 --> 01:37:59,550

brief Paul Kimmel editorial but now that

2288

01:38:03,109 --> 01:38:01,469

gene will like this and the pair of cast

2289

01:38:07,700 --> 01:38:03,119

listeners we took a little detour away

2290

01:38:09,919 --> 01:38:07,710

from UFOs Stan UFOs politicization the

2291

01:38:12,070 --> 01:38:09,929

Condon report is the Condon committee

2292

01:38:13,970 --> 01:38:12,080

the Condon report the ultimate example

2293

01:38:16,250 --> 01:38:13,980

and perhaps you can talk a bit about

2294

01:38:18,290 --> 01:38:16,260

Condon of how the UFO subject was

2295

01:38:21,229 --> 01:38:18,300

politicized how government stepped in

2296

01:38:29,330 --> 01:38:21,239

and skewed the results if you will

2297

01:38:29,810 --> 01:38:29,340

before we have those results for 58

2298

01:38:32,060 --> 01:38:29,820

years

2299

01:38:34,609 --> 01:38:32,070

fate has provided true reports of the

2300

01:38:36,950 --> 01:38:34,619

strange and unknown fate brings you the

2301

01:38:38,930 --> 01:38:36,960

latest in all aspects of the paranormal

2302

01:38:42,260 --> 01:38:38,940

like angels and miracles psychic

2303

01:38:44,540 --> 01:38:42,270

phenomena ghosts UFOs and much much more

2304

01:38:47,030 --> 01:38:44,550

to receive your complimentary fate

2305

01:38:51,290 --> 01:38:47,040

magazine call now at one eight hundred

2306

01:38:55,189 --> 01:38:51,300

seven two eight two seven three oh or

2307

01:38:57,459 --> 01:38:55,199

visit their website at WWF at mag com

2308

01:39:04,580 --> 01:38:57,469

that's one eight hundred seven two eight

2309

01:39:07,540 --> 01:39:04,590

two seven three zero or WWF a TEM AG

2310

01:39:19,529 --> 01:39:07,550

calm what are you waiting for your fate

2311

01:39:24,939 --> 01:39:22,239

you're in the parish a co-host is Paul

2312

01:39:27,669 --> 01:39:24,949

Kimball we're talking to Cathleen Martin

2313

01:39:29,830 --> 01:39:27,679

and Stanton T Friedman they have a new

2314

01:39:32,049 --> 01:39:29,840

book out called science was wrong

2315

01:39:34,839 --> 01:39:32,059

Starling truths about cures theories and

2316

01:39:37,299 --> 01:39:34,849

inventions they declared impossible

2317

01:39:40,029 --> 01:39:37,309

okay Stanton Friedman let's talk about

2318

01:39:42,520 --> 01:39:40,039

Condon well yeah and Kathy you'll have

2319

01:39:44,560 --> 01:39:42,530

something to say too here because she

2320

01:39:48,040 --> 01:39:44,570

particularly called attention to one of

2321

01:39:50,949 --> 01:39:48,050

the memos that was written early in the

2322

01:39:52,179 --> 01:39:50,959

Condon study in effect saying we don't

2323

01:39:54,009 --> 01:39:52,189

want to but we're going to look like

2324

01:39:56,109 --> 01:39:54,019

we're being scientific but we know

2325

01:39:58,299 --> 01:39:56,119

there's nothing to this so we should

2326

01:40:00,129 --> 01:39:58,309

give the appearance of being scientific

2327

01:40:01,600 --> 01:40:00,139

but let's funny the people report

2328

01:40:03,729 --> 01:40:01,610

sightings let's not look at the

2329

01:40:06,520 --> 01:40:03,739

sightings themselves I have mixed

2330

01:40:08,529 --> 01:40:06,530

feelings about Condon he was gutsy when

2331

01:40:11,350 --> 01:40:08,539

he worked for the government he was

2332

01:40:14,889 --> 01:40:11,360

called up for hearings himself and he

2333

01:40:17,319 --> 01:40:14,899

stood up against them but it's clear he

2334

01:40:20,259 --> 01:40:17,329

didn't take the subject seriously and

2335

01:40:22,029 --> 01:40:20,269

whether it was on his own the choice or

2336

01:40:24,850 --> 01:40:22,039

whether he was operating under

2337

01:40:27,310 --> 01:40:24,860

instructions I don't know but what was

2338

01:40:29,979 --> 01:40:27,320

really distressing with the publicity

2339

01:40:31,929 --> 01:40:29,989

given to the report making it sound as

2340

01:40:35,139 --> 01:40:31,939

if here was this great scientific study

2341

01:40:37,359 --> 01:40:35,149

the National Academy of Sciences stood

2342

01:40:39,429 --> 01:40:37,369

behind it he's a member one should note

2343

01:40:41,649 --> 01:40:39,439

and that's a self electing buddy a body

2344

01:40:44,439 --> 01:40:41,659

so you don't expect him to speak out

2345

01:40:46,600 --> 01:40:44,449

against one of their own they can

2346

01:40:49,299 --> 01:40:46,610

blackballed others being brought on and

2347

01:40:51,729 --> 01:40:49,309

so forth I don't know where what went on

2348

01:40:54,250 --> 01:40:51,739

in the background but it certainly set

2349

01:40:56,679 --> 01:40:54,260

the stage for a massive attack on the

2350

01:40:59,409 --> 01:40:56,689

part of the media on the whole question

2351
01:41:01,689 --> 01:40:59,419
of UFOs nycap folded partly because of

2352
01:41:04,270 --> 01:41:01,699
that and it kept people away from

2353
01:41:06,759 --> 01:41:04,280
research even though it was mentioned

2354
01:41:09,100 --> 01:41:06,769
sort of in passing it's a 965 page

2355
01:41:10,689 --> 01:41:09,110
report in paperback and a big thing

2356
01:41:12,580 --> 01:41:10,699
there's a comment in there that

2357
01:41:15,310 --> 01:41:12,590
appropriate research maybe ought to be

2358
01:41:18,250 --> 01:41:15,320
supported but Condon

2359
01:41:20,469 --> 01:41:18,260
he had his biases his strong biases and

2360
01:41:22,270 --> 01:41:20,479
this whole subject I mean the way Dave

2361
01:41:25,750 --> 01:41:22,280
Saunders was fired and all that sort of

2362
01:41:27,699 --> 01:41:25,760
stuff yeah it's in the open sort of what

2363
01:41:30,459 --> 01:41:27,709

happened with the Robertson panel back

2364

01:41:31,390 --> 01:41:30,469

in 1953 where they said you know we

2365

01:41:34,350 --> 01:41:31,400

should strip this

2366

01:41:36,700 --> 01:41:34,360

the subject of it's the cover of

2367

01:41:38,470 --> 01:41:36,710

respectability if you will let's let's

2368

01:41:41,170 --> 01:41:38,480

go to Disney and others to make sure

2369

01:41:42,850 --> 01:41:41,180

people don't get involved and you know

2370

01:41:44,140 --> 01:41:42,860

the funny part is that there are some

2371

01:41:46,390 --> 01:41:44,150

people who have told me that they got

2372

01:41:48,730 --> 01:41:46,400

interested in UFOs because of the Condon

2373

01:41:51,700 --> 01:41:48,740

report because after all 30 percent of

2374

01:41:54,010 --> 01:41:51,710

117 cases cited in detail could be

2375

01:41:56,020 --> 01:41:54,020

identified you know we were talking

2376

01:41:57,880 --> 01:41:56,030

about drugs before any drug company

2377

01:42:01,030 --> 01:41:57,890

would love if they looked at hundred and

2378

01:42:04,660 --> 01:42:01,040

seventeen drugs and only 30% were

2379

01:42:07,060 --> 01:42:04,670

usefully be delighted it's a strange

2380

01:42:09,730 --> 01:42:07,070

world and the Condon was certainly the

2381

01:42:13,000 --> 01:42:09,740

the Condon report was the epitome of

2382

01:42:15,450 --> 01:42:13,010

strangeness science functioning in this

2383

01:42:18,190 --> 01:42:15,460

business what's really strange

2384

01:42:20,560 --> 01:42:18,200

particularly strange is how some people

2385

01:42:22,540 --> 01:42:20,570

have claimed Susan Clancy who was

2386

01:42:25,090 --> 01:42:22,550

attacked UFO abductions and got

2387

01:42:27,610 --> 01:42:25,100

everything wrong in her book says the

2388

01:42:30,010 --> 01:42:27,620

Condon report was a review of Project

2389

01:42:31,480 --> 01:42:30,020

Blue Book cases it wasn't at all they

2390

01:42:33,460 --> 01:42:31,490

looked at the old cases

2391

01:42:34,840 --> 01:42:33,470

it was egregious there's not even a

2392

01:42:36,640 --> 01:42:34,850

mention of the largest study ever done

2393

01:42:38,860 --> 01:42:36,650

by the government in the chapter about

2394

01:42:41,440 --> 01:42:38,870

government involvement blue book special

2395

01:42:44,320 --> 01:42:41,450

report 14 totally ignored we know about

2396

01:42:46,150 --> 01:42:44,330

I can throw them about and my letter was

2397

01:42:47,580 --> 01:42:46,160

acknowledged see that was a long time

2398

01:42:50,980 --> 01:42:47,590

ago

2399

01:42:52,570 --> 01:42:50,990

we traveled down memory lane and I think

2400

01:42:53,410 --> 01:42:52,580

gene will would be the first one to tell

2401

01:42:56,740 --> 01:42:53,420

you that we're sort of in the

2402

01:42:58,660 --> 01:42:56,750

homestretch right gene homestretch we've

2403

01:43:02,500 --> 01:42:58,670

got maybe 17 minutes left

2404

01:43:04,390 --> 01:43:02,510

you two are experts on the and I mean no

2405

01:43:06,700 --> 01:43:04,400

offense when I say alleged alien

2406

01:43:08,350 --> 01:43:06,710

abduction stories because I have a

2407

01:43:10,540 --> 01:43:08,360

different view on maybe what the

2408

01:43:12,970 --> 01:43:10,550

abduction phenomenon or enigma means but

2409

01:43:15,850 --> 01:43:12,980

you guys wrote the book obviously

2410

01:43:18,100 --> 01:43:15,860

closely related no pun intended to the

2411

01:43:19,960 --> 01:43:18,110

Betty and Barney Hill story as you may

2412

01:43:22,380 --> 01:43:19,970

or may not see I you're not the only

2413

01:43:25,390 --> 01:43:22,390

funding member of the family Stan so I

2414

01:43:27,100 --> 01:43:25,400

learned from you it's that 50 stuff with

2415

01:43:29,770 --> 01:43:27,110

any young men at all that David Jacobs

2416

01:43:33,040 --> 01:43:29,780

has come under a tremendous amount of

2417

01:43:36,040 --> 01:43:33,050

fire recently for his relationship to a

2418

01:43:39,070 --> 01:43:36,050

particular patient known as Emma Woods

2419

01:43:41,650 --> 01:43:39,080

that's a pseudonym but it sort of opened

2420

01:43:43,540 --> 01:43:41,660

up on a number of Internet podcasts

2421

01:43:44,060 --> 01:43:43,550

radio shows the message forms I don't

2422

01:43:46,640 --> 01:43:44,070

know whether you're

2423

01:43:48,500 --> 01:43:46,650

this or not but the general topic of

2424

01:43:50,270 --> 01:43:48,510

alien abductions the abduction

2425

01:43:52,220 --> 01:43:50,280

phenomenon and also the use of hypnosis

2426

01:43:55,070 --> 01:43:52,230

in recovering memories

2427

01:43:57,380 --> 01:43:55,080

so perhaps you Kathy or you Stan or both

2428

01:44:00,650 --> 01:43:57,390

of you could talk about where you stand

2429

01:44:02,510 --> 01:44:00,660

on the use of hypnosis in terms of

2430

01:44:05,000 --> 01:44:02,520

recovering memories in particular

2431

01:44:07,340 --> 01:44:05,010

relating to the alien abduction enigma

2432

01:44:09,230 --> 01:44:07,350

but obviously it relates to things

2433

01:44:11,600 --> 01:44:09,240

beyond just that as well so talk a bit

2434

01:44:15,190 --> 01:44:11,610

about that if you could very very

2435

01:44:18,290 --> 01:44:15,200

cautious about the use of hypnosis in

2436

01:44:21,890 --> 01:44:18,300

recovering abduction memories and the

2437

01:44:24,800 --> 01:44:21,900

reason for that is that when hypnosis

2438

01:44:29,060 --> 01:44:24,810

was used I really believe that we need

2439

01:44:32,210 --> 01:44:29,070

someone like dr. Benjamin Simon to use

2440

01:44:34,910 --> 01:44:32,220

it someone who is highly qualified dr.

2441

01:44:37,130 --> 01:44:34,920

Simon worked with shell-shocked victims

2442

01:44:39,980 --> 01:44:37,140

during World War two

2443

01:44:42,800 --> 01:44:39,990

he was the chief psychiatrist who set up

2444

01:44:44,810 --> 01:44:42,810

the did psychiatry department at Mason

2445

01:44:48,290 --> 01:44:44,820

General Hospital on Long Island New York

2446

01:44:51,680 --> 01:44:48,300

to treat returning shell-shocked victims

2447

01:44:54,860 --> 01:44:51,690

and he was very successful in what he

2448

01:44:58,340 --> 01:44:54,870

did primarily because he looked for

2449

01:45:00,680 --> 01:44:58,350

other reasons to explain what had

2450

01:45:03,800 --> 01:45:00,690

happened to these soldiers he wasn't

2451

01:45:06,350 --> 01:45:03,810

happy with the first explanation that

2452

01:45:09,200 --> 01:45:06,360

came out under hypnosis and he looked

2453

01:45:11,840 --> 01:45:09,210

for that also and when he hypnotized

2454

01:45:14,630 --> 01:45:11,850

Betty and Barney Hill and he did that

2455

01:45:18,260 --> 01:45:14,640

separately and I think that the only

2456

01:45:21,740 --> 01:45:18,270

reason it came to that point is because

2457

01:45:23,750 --> 01:45:21,750

of all of the evidence Betty and Barney

2458

01:45:27,620 --> 01:45:23,760

and I'm going to use that example

2459

01:45:31,100 --> 01:45:27,630

because it is the one that I spent 15

2460

01:45:33,620 --> 01:45:31,110

years researching and because they are

2461

01:45:38,060 --> 01:45:33,630

part of my fuller part of my family sure

2462

01:45:41,330 --> 01:45:38,070

now Betty and Bonnie had clear conscious

2463

01:45:45,650 --> 01:45:41,340

recollection of a close encounter with

2464

01:45:48,560 --> 01:45:45,660

an unconventional large silent

2465

01:45:51,410 --> 01:45:48,570

saucer-shaped flying object

2466

01:45:54,500 --> 01:45:51,420

it moved in a type of flight pattern

2467

01:45:57,560 --> 01:45:54,510

that was uncharacteristic of anything

2468

01:46:00,770 --> 01:45:57,570

that they had ever observed before

2469

01:46:04,189 --> 01:46:00,780

they had physical evidence that

2470

01:46:07,819 --> 01:46:04,199

something had happened to them when they

2471

01:46:11,209 --> 01:46:07,829

returned home and that was after Barney

2472

01:46:15,500 --> 01:46:11,219

had walked into a field and observed

2473

01:46:19,939 --> 01:46:15,510

what he described as non-human entities

2474

01:46:23,510 --> 01:46:19,949

on board that craft and their precision

2475

01:46:26,270 --> 01:46:23,520

of movement frightened him terribly it

2476

01:46:28,189 --> 01:46:26,280

was the fact that when he returned to

2477

01:46:30,290 --> 01:46:28,199

the car when he was finally able to

2478

01:46:33,020 --> 01:46:30,300

break away from this craft that was

2479

01:46:36,319 --> 01:46:33,030

hovering only between fifty and a

2480

01:46:39,379 --> 01:46:36,329

hundred feet above him and something was

2481

01:46:41,569 --> 01:46:39,389

dropping out of the bottom of it and he

2482

01:46:44,510 --> 01:46:41,579

became so frightened that he was able to

2483

01:46:47,089 --> 01:46:44,520

break away and run back to the car and

2484

01:46:50,450 --> 01:46:47,099

what Betty described is practically a

2485

01:46:52,970 --> 01:46:50,460

hysterical State both laughing and

2486

01:46:54,800 --> 01:46:52,980

crying at the same time saying he was

2487

01:46:57,379 --> 01:46:54,810

afraid they were going to be captured

2488

01:47:00,470 --> 01:46:57,389

and I want to mention that Betty

2489

01:47:03,319 --> 01:47:00,480

inviting you very very little about UFOs

2490

01:47:05,510 --> 01:47:03,329

before this incident it wasn't something

2491

01:47:07,970 --> 01:47:05,520

that they talked about or that the

2492

01:47:10,729 --> 01:47:07,980

family really spent any time talking

2493

01:47:13,370 --> 01:47:10,739

about so they were not anticipating of

2494

01:47:15,950 --> 01:47:13,380

flying saucers fighting or an abduction

2495

01:47:16,640 --> 01:47:15,960

we weren't aware that anyone had been

2496

01:47:20,990 --> 01:47:16,650

abducted

2497

01:47:24,319 --> 01:47:21,000

before that sorry not on that point

2498

01:47:26,390 --> 01:47:24,329

having skeptics of the hill case alleged

2499

01:47:27,919 --> 01:47:26,400

that Betty in particular had a

2500

01:47:35,000 --> 01:47:27,929

pre-existing interest in the UFO

2501

01:47:38,419 --> 01:47:35,010

phenomenon claims made about Betty and

2502

01:47:41,149 --> 01:47:38,429

Barney by skeptics and that is one of

2503

01:47:43,250 --> 01:47:41,159

the false claims yes okay good sorry I

2504

01:47:44,899 --> 01:47:43,260

just wanted to address that because I I

2505

01:47:46,760 --> 01:47:44,909

wasn't sure whether I had heard that but

2506

01:47:48,770 --> 01:47:46,770

I thought I had so you're saying she

2507

01:47:50,450 --> 01:47:48,780

didn't have any real interest in the UFO

2508

01:47:52,700 --> 01:47:50,460

phenomenon before they know that is

2509

01:47:55,819 --> 01:47:52,710

correct and I have checked that with

2510

01:47:58,689 --> 01:47:55,829

friends and with family members in

2511

01:48:02,419 --> 01:47:58,699

addition to asking Betty about that

2512

01:48:04,970 --> 01:48:02,429

attach all of them unanimously have said

2513

01:48:08,089 --> 01:48:04,980

that no she did not have an interest in

2514

01:48:08,990 --> 01:48:08,099

flying saucers before this sighting the

2515

01:48:15,200 --> 01:48:09,000

only thing

2516

01:48:18,080 --> 01:48:15,210

that I do know about is that in 1957 my

2517

01:48:23,450 --> 01:48:18,090

mother was traveling at night and she

2518

01:48:25,760 --> 01:48:23,460

saw a large blimp shaped craft with

2519

01:48:29,720 --> 01:48:25,770

silence it was hovering over a field and

2520

01:48:32,180 --> 01:48:29,730

smaller craft were flying into it this

2521

01:48:34,580 --> 01:48:32,190

was a multiple witness sighting my

2522

01:48:37,190 --> 01:48:34,590

mother did mention that to the family

2523

01:48:38,780 --> 01:48:37,200

she mentioned it to Betty and Bonnie it

2524

01:48:41,570 --> 01:48:38,790

was the first that they had heard about

2525

01:48:43,640 --> 01:48:41,580

anything like this and Barney didn't

2526

01:48:46,700 --> 01:48:43,650

believe it you know so that is only

2527

01:48:48,560 --> 01:48:46,710

incident that I'm aware of where flying

2528

01:48:53,510 --> 01:48:48,570

saucers were ever discussed by the

2529

01:48:56,510 --> 01:48:53,520

family before 1961 in September after

2530

01:48:59,360 --> 01:48:56,520

Betty and Bonnie's close encounter that

2531

01:49:02,300 --> 01:48:59,370

period of missing time there our arrival

2532

01:49:04,400 --> 01:49:02,310

home to find that Betty's dress was torn

2533

01:49:06,440 --> 01:49:04,410

and I think that that's significant and

2534

01:49:09,500 --> 01:49:06,450

I think it's something that is often

2535

01:49:12,800 --> 01:49:09,510

left out the top of her zipper and this

2536

01:49:15,140 --> 01:49:12,810

was a fairly new dress it was torn 1

2537

01:49:17,800 --> 01:49:15,150

inch in the fabric on one side and

2538

01:49:21,800 --> 01:49:17,810

almost 2 inches on the other side

2539

01:49:25,250 --> 01:49:21,810

explained how that could happen when she

2540

01:49:27,980 --> 01:49:25,260

was simply seated in her vehicle riding

2541

01:49:31,220 --> 01:49:27,990

home the lining was torn from waist the

2542

01:49:34,400 --> 01:49:31,230

hemline the hem was torn down the tops

2543

01:49:36,770 --> 01:49:34,410

of Barney's shoes were so badly scraped

2544

01:49:38,480 --> 01:49:36,780

that he had to wear them for yard work

2545

01:49:40,370 --> 01:49:38,490

after that and these were in the best

2546

01:49:42,830 --> 01:49:40,380

dress shoes so there was a well-dressed

2547

01:49:44,810 --> 01:49:42,840

guy incidentally he was careful about

2548

01:49:47,450 --> 01:49:44,820

his appearance okay I think the issue

2549

01:49:51,230 --> 01:49:47,460

that has been raised in the discussions

2550

01:49:55,220 --> 01:49:51,240

here is whether hypnotic regression has

2551
01:49:57,950 --> 01:49:55,230
a value can recover real memories or has

2552
01:49:59,930 --> 01:49:57,960
the danger of implanting memories you

2553
01:50:03,590 --> 01:49:59,940
don't want to be there well I think that

2554
01:50:05,750 --> 01:50:03,600
in the case where there is the kind of

2555
01:50:10,940 --> 01:50:05,760
physical evidence where there is this

2556
01:50:15,140 --> 01:50:10,950
kind of memory and 40% of abduction

2557
01:50:17,390 --> 01:50:15,150
cases involve conscious memory of a

2558
01:50:20,930 --> 01:50:17,400
close encounter with a craft and

2559
01:50:22,320 --> 01:50:20,940
oftentimes observing non-human entities

2560
01:50:26,400 --> 01:50:22,330
on board that

2561
01:50:30,510 --> 01:50:26,410
so in those cases I do believe that

2562
01:50:34,890 --> 01:50:30,520
hypnosis is a value as an investigative

2563
01:50:38,130 --> 01:50:34,900

tool I can't say that I believe that it

2564

01:50:43,350 --> 01:50:38,140

helps anybody any witness or any

2565

01:50:45,480 --> 01:50:43,360

abductee in healing whatever wounds they

2566

01:50:48,200 --> 01:50:45,490

have psychological wounds they have

2567

01:50:52,170 --> 01:50:48,210

received as a result of having been

2568

01:50:56,340 --> 01:50:52,180

abducted to me I I would compare that to

2569

01:51:00,480 --> 01:50:56,350

a rape in a sense of being captured and

2570

01:51:02,850 --> 01:51:00,490

raped and then released and with amnesia

2571

01:51:05,850 --> 01:51:02,860

in a sense I don't think that it's the

2572

01:51:08,790 --> 01:51:05,860

useful tool in helping individuals

2573

01:51:11,730 --> 01:51:08,800

recover from the trauma they experienced

2574

01:51:15,300 --> 01:51:11,740

as a result of this but as an

2575

01:51:19,020 --> 01:51:15,310

investigative tool yes if you have more

2576

01:51:22,530 --> 01:51:19,030

than one witness I don't think that it's

2577

01:51:25,890 --> 01:51:22,540

a good tool to use unless you have more

2578

01:51:30,180 --> 01:51:25,900

than one witness unless you have such as

2579

01:51:34,440 --> 01:51:30,190

Budd Hopkins had and that is information

2580

01:51:36,330 --> 01:51:34,450

about grip that was observed onboard the

2581

01:51:38,760 --> 01:51:36,340

craft by a number of different

2582

01:51:41,070 --> 01:51:38,770

individuals and this was part of a

2583

01:51:43,290 --> 01:51:41,080

university study that involves Stewart

2584

01:51:46,680 --> 01:51:43,300

Appel and don don Dury

2585

01:51:48,210 --> 01:51:46,690

from McGill Appel is from State

2586

01:51:51,990 --> 01:51:48,220

University of New York

2587

01:51:55,790 --> 01:51:52,000

Tamara la grandeur and they did a very

2588

01:52:00,390 --> 01:51:55,800

interesting study where all of this

2589

01:52:03,560 --> 01:52:00,400

script was drawn by the individuals

2590

01:52:06,390 --> 01:52:03,570

who recalls seeing it on board the craft

2591

01:52:09,170 --> 01:52:06,400

separately every it was done in a

2592

01:52:11,820 --> 01:52:09,180

controlled environment there was also

2593

01:52:14,190 --> 01:52:11,830

another group an experimental group

2594

01:52:18,960 --> 01:52:14,200

where graduate students were hypnotized

2595

01:52:22,160 --> 01:52:18,970

and cause they were cause to confabulate

2596

01:52:25,500 --> 01:52:22,170

a UFO abduction and to confabulate

2597

01:52:29,580 --> 01:52:25,510

observing script on board the craft and

2598

01:52:33,090 --> 01:52:29,590

then to write that down and the result

2599

01:52:34,060 --> 01:52:33,100

was after all of this was analyzed

2600

01:52:38,260 --> 01:52:34,070

on a 3d

2601
01:52:42,339 --> 01:52:38,270
national basis that bought Hopkins and

2602
01:52:44,680 --> 01:52:42,349
the experimenters aliens the abductees

2603
01:52:47,589 --> 01:52:44,690
the ones that they believed really had

2604
01:52:50,109 --> 01:52:47,599
been abducted had certain

2605
01:52:53,580 --> 01:52:50,119
characteristics that were totally

2606
01:52:56,500 --> 01:52:53,590
different from anything that had been

2607
01:53:00,459 --> 01:52:56,510
confabulated and written by the graduate

2608
01:53:02,800 --> 01:53:00,469
students and as a result of this and the

2609
01:53:06,540 --> 01:53:02,810
fact that there was so much correlating

2610
01:53:10,569 --> 01:53:06,550
data with the Hopkins group the

2611
01:53:13,629 --> 01:53:10,579
scientific team came to the conclusion

2612
01:53:16,750 --> 01:53:13,639
that this might indicate that alien

2613
01:53:19,930 --> 01:53:16,760

abduction is real so in that sense I

2614

01:53:22,240 --> 01:53:19,940

think that it is it is useful okay well

2615

01:53:24,069 --> 01:53:22,250

obviously don't have time to cover this

2616

01:53:25,870 --> 01:53:24,079

in complete detail I think there's one

2617

01:53:27,339 --> 01:53:25,880

more question and we're not here to

2618

01:53:30,899 --> 01:53:27,349

insult anybody but just raise it

2619

01:53:32,890 --> 01:53:30,909

shouldn't this kind of therapy or

2620

01:53:35,160 --> 01:53:32,900

investigation be done by a trained

2621

01:53:38,290 --> 01:53:35,170

professional rather than a layman

2622

01:53:40,149 --> 01:53:38,300

absolutely I believe it should be that's

2623

01:53:41,890 --> 01:53:40,159

what Simon puts into the picture was

2624

01:53:45,459 --> 01:53:41,900

aggravating to me to hear some of the

2625

01:53:46,930 --> 01:53:45,469

sessions on tape and what he asked and I

2626

01:53:48,850 --> 01:53:46,940

wish why didn't he answer this question

2627

01:53:51,129 --> 01:53:48,860

or that question and then I realized

2628

01:53:53,830 --> 01:53:51,139

that you know I'm glad that he didn't

2629

01:53:56,350 --> 01:53:53,840

know anything about UFOs he could stand

2630

01:53:57,850 --> 01:53:56,360

off and try to get at what was going on

2631

01:54:00,339 --> 01:53:57,860

and I think we should mention that

2632

01:54:02,280 --> 01:54:00,349

Kathy's analysis and captured the very

2633

01:54:04,930 --> 01:54:02,290

important Hill UFO experience her book

2634

01:54:07,720 --> 01:54:04,940

comparative analysis of what Barney said

2635

01:54:09,640 --> 01:54:07,730

what Betty said under hypnosis and Betty

2636

01:54:12,550 --> 01:54:09,650

screams which have often been dragged

2637

01:54:15,270 --> 01:54:12,560

into the discussion shows that when they

2638

01:54:18,129 --> 01:54:15,280

work together their descriptions match

2639

01:54:20,649 --> 01:54:18,139

that there were independent confirmation

2640

01:54:23,200 --> 01:54:20,659

of each other in other words and so

2641

01:54:24,939 --> 01:54:23,210

Simon was very good for that job and

2642

01:54:27,580 --> 01:54:24,949

incidentally some people think there was

2643

01:54:29,439 --> 01:54:27,590

only one hypnosis session Carl Sagan

2644

01:54:31,899 --> 01:54:29,449

implied that in the big article he wrote

2645

01:54:33,910 --> 01:54:31,909

there were ten sessions Kathy has

2646

01:54:37,149 --> 01:54:33,920

transcribed them all which wasn't done

2647

01:54:39,590 --> 01:54:37,159

in the first book the UFO entered was on

2648

01:54:42,270 --> 01:54:39,600

Fuller's book

2649

01:54:43,500 --> 01:54:42,280

and Paul has a question no I was just

2650

01:54:46,500 --> 01:54:43,510

gonna say I think the point that you're

2651
01:54:48,300 --> 01:54:46,510
making is that hypnosis under the proper

2652
01:54:50,520 --> 01:54:48,310
circumstances done by a trained

2653
01:54:53,190 --> 01:54:50,530
professional on a limited basis for a

2654
01:54:55,560 --> 01:54:53,200
limited purpose can be potentially a

2655
01:54:57,300 --> 01:54:55,570
useful investigative tool which there's

2656
01:54:59,190 --> 01:54:57,310
a lot of hedges and caveat s' there and

2657
01:55:01,650 --> 01:54:59,200
I wouldn't disagree with that the

2658
01:55:03,900 --> 01:55:01,660
problem that I have is that modern

2659
01:55:05,100 --> 01:55:03,910
abduction research and correct me if I'm

2660
01:55:07,410 --> 01:55:05,110
wrong Kathy but I remember reading

2661
01:55:08,430 --> 01:55:07,420
somewhere that Betty Hill once said that

2662
01:55:10,140 --> 01:55:08,440
she didn't think much of modern

2663
01:55:13,980 --> 01:55:10,150

abduction research in the overuse of

2664

01:55:15,930 --> 01:55:13,990

hypnosis they that people like Budd

2665

01:55:19,080 --> 01:55:15,940

Hopkins and David Jacobs have relied far

2666

01:55:21,600 --> 01:55:19,090

too much on on hypnosis to try and

2667

01:55:22,860 --> 01:55:21,610

retrieve memories so that to me there is

2668

01:55:24,450 --> 01:55:22,870

a there is a difference and I think

2669

01:55:26,130 --> 01:55:24,460

maybe now that the backlash you're

2670

01:55:27,540 --> 01:55:26,140

seeing against and I don't know if you

2671

01:55:29,550 --> 01:55:27,550

too are aware of it seeing against

2672

01:55:32,160 --> 01:55:29,560

abduction research on the internet a lot

2673

01:55:34,020 --> 01:55:32,170

of podcasts I am aware yeah I think I

2674

01:55:36,150 --> 01:55:34,030

think it is a backlash and I think maybe

2675

01:55:37,920 --> 01:55:36,160

it's going too far I I'm not sure you

2676

01:55:39,690 --> 01:55:37,930

should throw hypnosis out completely as

2677

01:55:42,150 --> 01:55:39,700

a tool but there are an awful lot of

2678

01:55:44,760 --> 01:55:42,160

caveats that you have to attach to it so

2679

01:55:47,160 --> 01:55:44,770

what and and I would say you know with

2680

01:55:48,630 --> 01:55:47,170

that caveat folks look at that gene now

2681

01:55:50,550 --> 01:55:48,640

tell me is this where I start plugging

2682

01:55:53,040 --> 01:55:50,560

their book you know what I think I don't

2683

01:55:55,170 --> 01:55:53,050

have an idea here guys Cathleen Martin

2684

01:55:56,880 --> 01:55:55,180

and Stan Freedman I wish we had eight

2685

01:55:58,830 --> 01:55:56,890

hours that we can spend for you and

2686

01:56:01,410 --> 01:55:58,840

unfortunately it doesn't work that way

2687

01:56:03,180 --> 01:56:01,420

in radio so you know what you have a

2688

01:56:03,720 --> 01:56:03,190

couple of minutes guys who wants to take

2689

01:56:06,960 --> 01:56:03,730

it first

2690

01:56:09,630 --> 01:56:06,970

I don't stand is really ace at plugging

2691

01:56:13,320 --> 01:56:09,640

books Kathleen why don't you start tell

2692

01:56:15,420 --> 01:56:13,330

us about the book where you can purchase

2693

01:56:17,610 --> 01:56:15,430

the book well no we know about that but

2694

01:56:19,320 --> 01:56:17,620

how about tell us about the book a quick

2695

01:56:20,460 --> 01:56:19,330

summary a couple minutes summary about

2696

01:56:23,310 --> 01:56:20,470

it okay

2697

01:56:26,070 --> 01:56:23,320

well science was wrong is you can

2698

01:56:30,660 --> 01:56:26,080

comprise those five different sections

2699

01:56:34,200 --> 01:56:30,670

with 14 chapters about various aspects

2700

01:56:36,960 --> 01:56:34,210

of scientific developments over the past

2701
01:56:40,200 --> 01:56:36,970
hundred and fifty years or so that have

2702
01:56:43,440 --> 01:56:40,210
been essentially rejected by the

2703
01:56:47,130 --> 01:56:43,450
scientific establishment often for

2704
01:56:48,990 --> 01:56:47,140
political reasons often due to ego often

2705
01:56:52,290 --> 01:56:49,000
due to greed

2706
01:56:55,940 --> 01:56:52,300
all of those have that those particular

2707
01:56:59,100 --> 01:56:55,950
things in common but in the end and

2708
01:57:02,370 --> 01:56:59,110
sometimes it took years and years and

2709
01:57:04,800 --> 01:57:02,380
years for these theories for these

2710
01:57:08,730 --> 01:57:04,810
developments to be recognized as being

2711
01:57:12,630 --> 01:57:08,740
correct and to the great detriment of

2712
01:57:15,750 --> 01:57:12,640
society and in some instances thousands

2713
01:57:19,950 --> 01:57:15,760

if not millions of people died or became

2714

01:57:22,560 --> 01:57:19,960

ill as a result of this fact that

2715

01:57:23,610 --> 01:57:22,570

science was wrong in these particular

2716

01:57:26,070 --> 01:57:23,620

cases

2717

01:57:28,050 --> 01:57:26,080

sanim Kirkuk Wars before we have to

2718

01:57:30,300 --> 01:57:28,060

close it out yeah I think there's a

2719

01:57:32,130 --> 01:57:30,310

lesson here we need to be careful about

2720

01:57:34,080 --> 01:57:32,140

believing the experts who haven't

2721

01:57:37,500 --> 01:57:34,090

studied the evidence relevant to the

2722

01:57:39,570 --> 01:57:37,510

particular problem at hand but who think

2723

01:57:41,280 --> 01:57:39,580

that the if it were true they would know

2724

01:57:44,850 --> 01:57:41,290

about it and they don't so it must not

2725

01:57:48,330 --> 01:57:44,860

be it's called arrogance and ego in

2726

01:57:50,430 --> 01:57:48,340

place of curiosity and withholding

2727

01:57:53,310 --> 01:57:50,440

judgment until you have more data and

2728

01:57:57,090 --> 01:57:53,320

we're always in danger of having

2729

01:57:59,970 --> 01:57:57,100

progress delayed by people who use these

2730

01:58:01,410 --> 01:57:59,980

techniques and refuse to look to the

2731

01:58:05,400 --> 01:58:01,420

world of the future they're looking at

2732

01:58:08,210 --> 01:58:05,410

the past and we have a need for many new

2733

01:58:10,610 --> 01:58:08,220

ideas progress comes from doing things

2734

01:58:13,170 --> 01:58:10,620

differently I'll tell you what stands

2735

01:58:16,650 --> 01:58:13,180

where they can find more the things that

2736

01:58:18,870 --> 01:58:16,660

you do the where they can find the book

2737

01:58:22,560 --> 01:58:18,880

where they can find your site I'll

2738

01:58:26,190 --> 01:58:22,570

mention the triple w dot Stanton

2739

01:58:29,900 --> 01:58:26,200

Friedman com is mine you can use PayPal

2740

01:58:36,170 --> 01:58:29,910

and Kathy what's your site mine is

2741

01:58:39,120 --> 01:58:36,180

www.hs mine - Mardon ma rden dot-com

2742

01:58:41,540 --> 01:58:39,130

okay and we'll set up links for both at

2743

01:58:43,200 --> 01:58:41,550

the podcast comm we'd like to thank

2744

01:58:46,920 --> 01:58:43,210

Stanton Friedman

2745

01:58:48,270 --> 01:58:46,930

Kathleen Martin both responsible for a

2746

01:58:50,640 --> 01:58:48,280

new book called science was wrong

2747

01:58:52,200 --> 01:58:50,650

startling truths about cures theories

2748

01:58:54,990 --> 01:58:52,210

and inventions they declare an

2749

01:58:57,739 --> 01:58:55,000

impossible a special thanks to Paul

2750

01:59:00,589 --> 01:58:57,749

Kimball where do we find you

2751
01:59:04,429 --> 01:59:00,599
in the land beyond time hanging out with

2752
01:59:05,899 --> 01:59:04,439
the sleestaks folks think if folks

2753
01:59:07,279 --> 01:59:05,909
listening don't know where to find me

2754
01:59:09,350 --> 01:59:07,289
now then that means I probably don't

2755
01:59:11,540 --> 01:59:09,360
want them to find me so red star film

2756
01:59:14,449 --> 01:59:11,550
stop blogspot.com come give you their

2757
01:59:16,009 --> 01:59:14,459
folks Paul Kim Bo Stan Freedman Kathleen

2758
01:59:19,860 --> 01:59:16,019
Martin thanks for joining us on the

2759
01:59:28,120 --> 01:59:19,870
podcast thank you for having my cue ciao

2760
01:59:29,929 --> 01:59:28,130
[Music]

2761
01:59:32,629 --> 01:59:29,939
presentation of making the impossible

2762
01:59:35,440 --> 01:59:32,639
Incorporated tune in next week for a new