



**The UFO Rabbit Hole**

**THE SKY CALLS TO US:  
THE OCCULT ORIGINS OF  
THE SPACE RACE**

**Episode 16**

1  
00:00:16,490 --> 00:00:01,850  
[Music]

2  
00:00:31,310 --> 00:00:16,500  
[Applause]

3  
00:00:33,650 --> 00:00:31,320  
[Music]

4  
00:00:36,410 --> 00:00:33,660  
welcome back to the UFO Rabbit Hole

5  
00:00:38,930 --> 00:00:36,420  
podcast I'm your host Kelly Chase

6  
00:00:40,850 --> 00:00:38,940  
today we turn our attention to examine

7  
00:00:43,130 --> 00:00:40,860  
what may be the most pivotal and

8  
00:00:45,410 --> 00:00:43,140  
triumphant moment in human history our

9  
00:00:47,630 --> 00:00:45,420  
transition from a terrestrial species to

10  
00:00:49,310 --> 00:00:47,640  
a space-faring one the importance of

11  
00:00:51,770 --> 00:00:49,320  
that transition is impossible to

12  
00:00:53,270 --> 00:00:51,780  
overstate in fact I sometimes wonder if

13  
00:00:55,369 --> 00:00:53,280

those of us who don't remember a time

14

00:00:58,250 --> 00:00:55,379

before humans first ventured into space

15

00:00:59,270 --> 00:00:58,260

can truly grasp the profundity of that

16

00:01:01,970 --> 00:00:59,280

accomplishment

17

00:01:04,369 --> 00:01:01,980

for the first 3.7 billion years that

18

00:01:07,130 --> 00:01:04,379

life has existed on this planet humans

19

00:01:09,350 --> 00:01:07,140

are we assume the only species that has

20

00:01:11,570 --> 00:01:09,360

ever managed to leave it and I think

21

00:01:13,310 --> 00:01:11,580

that in many ways we've only just barely

22

00:01:14,929 --> 00:01:13,320

begun to Grapple with the implications

23

00:01:17,450 --> 00:01:14,939

of that achievement

24

00:01:20,149 --> 00:01:17,460

for most of us space is still just an

25

00:01:22,190 --> 00:01:20,159

idea it's an abstraction but as we

26

00:01:23,810 --> 00:01:22,200

discussed in the last episode for the

27

00:01:26,090 --> 00:01:23,820

Intrepid men and women who have made

28

00:01:28,249 --> 00:01:26,100

that Journey the impact that space

29

00:01:31,190 --> 00:01:28,259

travel has on humans seems to be

30

00:01:34,910 --> 00:01:31,200

profound and long lasting on October

31

00:01:36,289 --> 00:01:34,920

13th 2021 William Shatner a man who has

32

00:01:38,210 --> 00:01:36,299

certainly spent the better part of his

33

00:01:40,789 --> 00:01:38,220

life immersed in the concept of human

34

00:01:42,710 --> 00:01:40,799

space travel got to experience the

35

00:01:45,649 --> 00:01:42,720

reality of space for the first time

36

00:01:47,810 --> 00:01:45,659

aboard a blue origin spaceship Upon

37

00:01:50,630 --> 00:01:47,820

returning to Earth Shatner was visibly

38

00:01:53,090 --> 00:01:50,640

shaken I hope I never recover from this

39

00:01:55,389 --> 00:01:53,100

he said through tears I hope I maintain

40

00:01:57,590 --> 00:01:55,399

what I feel now I don't want to lose it

41

00:01:59,690 --> 00:01:57,600

there seems to be something almost

42

00:02:02,810 --> 00:01:59,700

mystical about Humanity's relationship

43

00:02:05,450 --> 00:02:02,820

to space the ability to not just travel

44

00:02:07,850 --> 00:02:05,460

into space but to turn around and look

45

00:02:10,249 --> 00:02:07,860

back at our fragile Planet hanging

46

00:02:12,710 --> 00:02:10,259

serenely in a near infinite black vacuum

47

00:02:14,330 --> 00:02:12,720

has already profoundly changed how we

48

00:02:15,490 --> 00:02:14,340

see ourselves and our place in the

49

00:02:17,750 --> 00:02:15,500

cosmos

50

00:02:19,970 --> 00:02:17,760

astronauts have coined the term the

51  
00:02:22,130 --> 00:02:19,980  
overview effect to describe the profound

52  
00:02:23,630 --> 00:02:22,140  
feeling of interconnectedness the

53  
00:02:24,949 --> 00:02:23,640  
results from looking down at the Earth

54  
00:02:27,650 --> 00:02:24,959  
from space

55  
00:02:29,630 --> 00:02:27,660  
Apollo 14 astronaut Edgar Mitchell

56  
00:02:31,729 --> 00:02:29,640  
explained the Transcendent experience

57  
00:02:34,369 --> 00:02:31,739  
that he had while in space like this

58  
00:02:37,010 --> 00:02:34,379  
quote the biggest Joy was on the way

59  
00:02:39,410 --> 00:02:37,020  
home in my cockpit window every two

60  
00:02:42,589 --> 00:02:39,420  
minutes I saw the Earth the Moon and the

61  
00:02:44,809 --> 00:02:42,599  
Sun the whole 360 degree Panorama of the

62  
00:02:48,110 --> 00:02:44,819  
heavens and that was a powerful

63  
00:02:49,910 --> 00:02:48,120

overwhelming experience and suddenly I

64

00:02:52,430 --> 00:02:49,920

realized that the molecules of my body

65

00:02:54,350 --> 00:02:52,440

and the molecules of the spacecraft and

66

00:02:57,589 --> 00:02:54,360

the molecules in the body of my partners

67

00:02:59,809 --> 00:02:57,599

were prototyped manufactured in some

68

00:03:02,030 --> 00:02:59,819

ancient generation of stars and there

69

00:03:04,790 --> 00:03:02,040

was an overwhelming sense of Oneness and

70

00:03:08,150 --> 00:03:04,800

connectedness it wasn't just them and us

71

00:03:10,369 --> 00:03:08,160

it was that's me it's all of it it's one

72

00:03:14,750 --> 00:03:10,379

thing and it was accompanied by an

73

00:03:18,050 --> 00:03:14,760

ecstasy a sense of oh my god wow yes an

74

00:03:19,610 --> 00:03:18,060

Insight an epiphany end quote and this

75

00:03:21,530 --> 00:03:19,620

view of the earth doesn't just change

76

00:03:23,990 --> 00:03:21,540

our awareness of our connection to each

77

00:03:26,449 --> 00:03:24,000

other but to the greater Cosmos as well

78

00:03:28,670 --> 00:03:26,459

the ability to travel beyond our own

79

00:03:31,369 --> 00:03:28,680

Planet allows us to dream of a greater

80

00:03:33,710 --> 00:03:31,379

Destiny for Humanity and it offers us a

81

00:03:35,809 --> 00:03:33,720

shot at the kind of immortality that

82

00:03:38,089 --> 00:03:35,819

only beings who aren't dependent on any

83

00:03:40,789 --> 00:03:38,099

one Homeworld could ever hope to enjoy

84

00:03:43,009 --> 00:03:40,799

so perhaps it's not at all surprising

85

00:03:44,809 --> 00:03:43,019

that space can Inspire the sort of awe

86

00:03:47,149 --> 00:03:44,819

and worshipful wonder that we tend to

87

00:03:48,770 --> 00:03:47,159

associate with the Divine And yet when

88

00:03:51,289 --> 00:03:48,780

we look at the strange history of

89

00:03:53,149 --> 00:03:51,299

Humanity's journey to space and the even

90

00:03:55,729 --> 00:03:53,159

stranger beliefs of the figures critical

91

00:03:57,649 --> 00:03:55,739

to getting us there there seems to be

92

00:03:59,750 --> 00:03:57,659

something more at play than just our

93

00:04:00,890 --> 00:03:59,760

transformative awe at the vastness of

94

00:04:03,470 --> 00:04:00,900

creation

95

00:04:05,449 --> 00:04:03,480

because listen there is really no

96

00:04:08,149 --> 00:04:05,459

non-crazy sounding way to say this so

97

00:04:09,710 --> 00:04:08,159

I'm just going to go for it the reality

98

00:04:11,449 --> 00:04:09,720

is that when we look back at the history

99

00:04:13,670 --> 00:04:11,459

of the early space programs in the

100

00:04:15,110 --> 00:04:13,680

United States and the Soviet Union many

101  
00:04:16,849 --> 00:04:15,120  
of the scientists who were responsible

102  
00:04:19,610 --> 00:04:16,859  
for the critical breakthroughs that made

103  
00:04:21,170 --> 00:04:19,620  
space travel possible were occultists

104  
00:04:23,450 --> 00:04:21,180  
who believed themselves to be in

105  
00:04:25,249 --> 00:04:23,460  
telepathic communication with non-human

106  
00:04:26,150 --> 00:04:25,259  
intelligent beings who were guiding

107  
00:04:29,930 --> 00:04:26,160  
their work

108  
00:04:31,490 --> 00:04:29,940  
yeah I know it's a lot it sounds so

109  
00:04:33,230 --> 00:04:31,500  
outrageous that it would be easy to

110  
00:04:36,110 --> 00:04:33,240  
dismiss the whole thing is some crazy

111  
00:04:38,510 --> 00:04:36,120  
Fringe Theory except that these people

112  
00:04:40,850 --> 00:04:38,520  
existed their beliefs are well

113  
00:04:42,950 --> 00:04:40,860

documented and so are the astonishing

114

00:04:44,990 --> 00:04:42,960

inventions and innovations that came

115

00:04:46,010 --> 00:04:45,000

from their alleged contact with these

116

00:04:48,650 --> 00:04:46,020

beings

117

00:04:50,450 --> 00:04:48,660

and although NASA has very clearly and

118

00:04:53,150 --> 00:04:50,460

intentionally distanced itself from this

119

00:04:54,830 --> 00:04:53,160

chapter in its history there is evidence

120

00:04:57,110 --> 00:04:54,840

that these same sorts of occult

121

00:04:58,570 --> 00:04:57,120

practices continue to exist at the

122

00:05:01,129 --> 00:04:58,580

highest levels of the Space Program

123

00:05:03,469 --> 00:05:01,139

among the people responsible for their

124

00:05:06,170 --> 00:05:03,479

most bleeding edge breakthroughs

125

00:05:07,610 --> 00:05:06,180

but before we dive into any of that I

126

00:05:09,590 --> 00:05:07,620

think it's important that we first take

127

00:05:11,210 --> 00:05:09,600

a moment to talk about what the occult

128

00:05:13,010 --> 00:05:11,220

actually is

129

00:05:15,110 --> 00:05:13,020

from the very beginning of my research

130

00:05:17,090 --> 00:05:15,120

into this topic it became clear to me

131

00:05:18,890 --> 00:05:17,100

that the UFO phenomenon was somehow

132

00:05:21,350 --> 00:05:18,900

inextricably linked to the occult

133

00:05:22,990 --> 00:05:21,360

wherever you find references to one you

134

00:05:25,430 --> 00:05:23,000

naturally find references to the other

135

00:05:27,590 --> 00:05:25,440

and yet although this connection was

136

00:05:29,330 --> 00:05:27,600

self-evident I'll admit that it took me

137

00:05:32,090 --> 00:05:29,340

quite a while to put my finger on

138

00:05:33,710 --> 00:05:32,100

exactly what that connection is and even

139

00:05:35,570 --> 00:05:33,720

now I feel like I'm only just beginning

140

00:05:37,610 --> 00:05:35,580

to scratch the surface

141

00:05:39,710 --> 00:05:37,620

I think that there are a few reasons why

142

00:05:41,930 --> 00:05:39,720

the concept of the occult is so hard to

143

00:05:43,730 --> 00:05:41,940

pin down and it's worth taking the time

144

00:05:45,529 --> 00:05:43,740

to explore them so that we can hopefully

145

00:05:47,810 --> 00:05:45,539

arrive at a working definition of the

146

00:05:49,610 --> 00:05:47,820

occult that will allow us to have a more

147

00:05:51,529 --> 00:05:49,620

nuanced understanding of the strange

148

00:05:54,290 --> 00:05:51,539

stories regarding the origins of human

149

00:05:55,850 --> 00:05:54,300

space flight that are to follow one of

150

00:05:57,650 --> 00:05:55,860

the most significant factors that

151  
00:05:59,810 --> 00:05:57,660  
contributes to the confusion around what

152  
00:06:01,850 --> 00:05:59,820  
the occult is lies in the fact that it

153  
00:06:02,689 --> 00:06:01,860  
has been aggressively stigmatized in our

154  
00:06:05,150 --> 00:06:02,699  
culture

155  
00:06:07,909 --> 00:06:05,160  
at best dabbling in the occult is

156  
00:06:09,529 --> 00:06:07,919  
generally seen as an aesthetic Choice a

157  
00:06:11,629 --> 00:06:09,539  
personal branding move that communicates

158  
00:06:14,990 --> 00:06:11,639  
something distinct and many would argue

159  
00:06:17,330 --> 00:06:15,000  
distinctly anti-social about oneself at

160  
00:06:18,950 --> 00:06:17,340  
worst our society regards the occult as

161  
00:06:21,590 --> 00:06:18,960  
an intentional alignment with evil

162  
00:06:23,870 --> 00:06:21,600  
forces it brings to mind devil worship

163  
00:06:26,689 --> 00:06:23,880

blood drinking and other ritualized

164

00:06:28,909 --> 00:06:26,699

Horrors and from the Satanic Panic of

165

00:06:31,550 --> 00:06:28,919

the 1980s through to the modern day

166

00:06:33,409 --> 00:06:31,560

hysterics of the Q Anon crowd it's clear

167

00:06:36,170 --> 00:06:33,419

that this fear of the occult and its

168

00:06:38,629 --> 00:06:36,180

practitioners is alive and well even in

169

00:06:41,210 --> 00:06:38,639

our aggressively scientific age

170

00:06:42,830 --> 00:06:41,220

and yes some of the spookier things that

171

00:06:44,590 --> 00:06:42,840

we associate with the occult are

172

00:06:46,670 --> 00:06:44,600

relevant to actual occult practices

173

00:06:48,590 --> 00:06:46,680

however these things are hardly

174

00:06:51,350 --> 00:06:48,600

representative of the occult as a whole

175

00:06:53,330 --> 00:06:51,360

the realm of the occult comprises a much

176

00:06:55,850 --> 00:06:53,340

more nuanced and varied tapestry of

177

00:06:59,110 --> 00:06:55,860

traditions including the ancient Mystery

178

00:07:02,570 --> 00:06:59,120

Schools witchcraft paganism spiritualism

179

00:07:05,570 --> 00:07:02,580

astrology Alchemy secret societies like

180

00:07:08,029 --> 00:07:05,580

the Freemasons New Age spirituality and

181

00:07:09,770 --> 00:07:08,039

more when you begin to get a grasp on

182

00:07:12,110 --> 00:07:09,780

how vast the world of the occult really

183

00:07:14,210 --> 00:07:12,120

is it becomes obvious that pigeonholing

184

00:07:16,490 --> 00:07:14,220

the occult is any one set of beliefs or

185

00:07:18,890 --> 00:07:16,500

practices simply doesn't work

186

00:07:20,809 --> 00:07:18,900

so what then if anything is the

187

00:07:22,370 --> 00:07:20,819

connective thread that ties all of these

188

00:07:25,670 --> 00:07:22,380

disparate traditions and practices

189

00:07:27,409 --> 00:07:25,680

together what is the occult to really

190

00:07:29,510 --> 00:07:27,419

begin to Grapple not just with the

191

00:07:31,909 --> 00:07:29,520

content of this episode but with many of

192

00:07:34,010 --> 00:07:31,919

the other major themes moving forward we

193

00:07:35,510 --> 00:07:34,020

need to have a more mature and nuanced

194

00:07:37,129 --> 00:07:35,520

understanding of what the occult

195

00:07:39,230 --> 00:07:37,139

actually is

196

00:07:42,350 --> 00:07:39,240

in a talk on his book occult America

197

00:07:44,270 --> 00:07:42,360

lauded occult writer Mitch Horowitz gave

198

00:07:46,790 --> 00:07:44,280

what I think is a pretty solid working

199

00:07:49,189 --> 00:07:46,800

definition of the occult according to

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00:07:51,110 --> 00:07:49,199

Horowitz the occult is the belief that

201  
00:07:53,330 --> 00:07:51,120  
there is an invisible Dimension to life

202  
00:07:55,730 --> 00:07:53,340  
whose effects can be felt on us and

203  
00:07:57,950 --> 00:07:55,740  
through us and this invisible Dimension

204  
00:08:00,409 --> 00:07:57,960  
can be searched for outside of any

205  
00:08:02,870 --> 00:08:00,419  
individual congregation or religion or

206  
00:08:07,070 --> 00:08:04,909  
he's basically saying that the occult

207  
00:08:09,650 --> 00:08:07,080  
has two primary defining characteristics

208  
00:08:11,210 --> 00:08:09,660  
first you have the belief in dimensions

209  
00:08:13,070 --> 00:08:11,220  
and forces that exist beyond the

210  
00:08:15,350 --> 00:08:13,080  
Physical Realm and that we have the

211  
00:08:17,450 --> 00:08:15,360  
ability to interact with influence and

212  
00:08:19,610 --> 00:08:17,460  
in some cases even harness these forces

213  
00:08:22,369 --> 00:08:19,620

the second part is that this invisible

214

00:08:24,170 --> 00:08:22,379

Dimension can be accessed directly you

215

00:08:26,089 --> 00:08:24,180

don't need an intermediary in the form

216

00:08:27,950 --> 00:08:26,099

of religious teachings or leaders to

217

00:08:29,990 --> 00:08:27,960

interact with it this is a useful

218

00:08:32,329 --> 00:08:30,000

definition because it both gives us a

219

00:08:34,490 --> 00:08:32,339

definition of what the occult is and

220

00:08:36,829 --> 00:08:34,500

also what it is not namely it's not

221

00:08:38,810 --> 00:08:36,839

religion and the differences between the

222

00:08:41,329 --> 00:08:38,820

occult and religion are important for us

223

00:08:43,670 --> 00:08:41,339

to understand let's start by looking at

224

00:08:45,350 --> 00:08:43,680

Western religious traditions this is an

225

00:08:47,690 --> 00:08:45,360

oversimplification and there are

226

00:08:49,790 --> 00:08:47,700

certainly exceptions but in general the

227

00:08:52,190 --> 00:08:49,800

focus of Western religious Traditions is

228

00:08:53,990 --> 00:08:52,200

salvation humans are believed to be

229

00:08:55,910 --> 00:08:54,000

inherently flawed beings that must be

230

00:08:58,250 --> 00:08:55,920

delivered from the consequences of those

231

00:09:00,290 --> 00:08:58,260

Flaws by divine intervention and though

232

00:09:02,810 --> 00:09:00,300

it is incumbent upon humans to seek

233

00:09:05,150 --> 00:09:02,820

salvation in a real sense they can never

234

00:09:07,250 --> 00:09:05,160

truly earn it because no human can ever

235

00:09:09,590 --> 00:09:07,260

truly be worthy only saved through the

236

00:09:11,570 --> 00:09:09,600

grace of God by contrast in occult

237

00:09:13,970 --> 00:09:11,580

traditions and again this is a bit of an

238

00:09:16,910 --> 00:09:13,980

oversimplification the focus isn't on

239

00:09:19,130 --> 00:09:16,920

salvation but Ascension in this model

240

00:09:21,410 --> 00:09:19,140

the human being doesn't need to be saved

241

00:09:23,329 --> 00:09:21,420

by God but rather only needs to look

242

00:09:24,230 --> 00:09:23,339

inward to find the spark of the divine

243

00:09:26,389 --> 00:09:24,240

within

244

00:09:28,730 --> 00:09:26,399

by coming to Greater knowledge of one's

245

00:09:31,190 --> 00:09:28,740

true nature a person comes to Greater

246

00:09:33,350 --> 00:09:31,200

knowledge of reality as a whole the

247

00:09:34,850 --> 00:09:33,360

result is some version of Ascension or

248

00:09:36,949 --> 00:09:34,860

Enlightenment in which the person

249

00:09:39,410 --> 00:09:36,959

becomes a more perfected or higher

250

00:09:41,870 --> 00:09:39,420

version of himself or to simplify it

251  
00:09:44,389 --> 00:09:41,880  
even further in religion the mechanism

252  
00:09:47,329 --> 00:09:44,399  
of Salvation is exterior to the person

253  
00:09:50,030 --> 00:09:47,339  
in the occult the mechanism of Ascension

254  
00:09:52,250 --> 00:09:50,040  
is interior to the person looking at it

255  
00:09:55,310 --> 00:09:52,260  
in this way can help us understand not

256  
00:09:56,750 --> 00:09:55,320  
just what the occult is but also why it

257  
00:09:59,269 --> 00:09:56,760  
has been so stigmatized throughout

258  
00:10:01,130 --> 00:09:59,279  
history I want to be really clear that

259  
00:10:03,290 --> 00:10:01,140  
I'm not making any claims or judgments

260  
00:10:05,810 --> 00:10:03,300  
about the reality of any particular set

261  
00:10:07,790 --> 00:10:05,820  
of religious or occult beliefs to be

262  
00:10:09,889 --> 00:10:07,800  
honest I don't know what I believe at

263  
00:10:12,050 --> 00:10:09,899

this point and even if I did it's

264

00:10:14,269 --> 00:10:12,060

antithetical to everything I believe to

265

00:10:16,490 --> 00:10:14,279

push my beliefs on you but here's a

266

00:10:18,170 --> 00:10:16,500

quick thought experiment let's say that

267

00:10:19,970 --> 00:10:18,180

you were the power hungry type who

268

00:10:22,550 --> 00:10:19,980

wanted to more easily govern and control

269

00:10:23,810 --> 00:10:22,560

large groups of people which set of

270

00:10:26,269 --> 00:10:23,820

beliefs would you rather those people

271

00:10:27,170 --> 00:10:26,279

subscribe drive to would you rather that

272

00:10:28,670 --> 00:10:27,180

they believe that they were

273

00:10:30,410 --> 00:10:28,680

fundamentally flawed and can only

274

00:10:33,470 --> 00:10:30,420

potentially be saved through elaborate

275

00:10:34,970 --> 00:10:33,480

rules supplications and hierarchies or

276

00:10:36,889 --> 00:10:34,980

would you rather the people believe that

277

00:10:38,509 --> 00:10:36,899

they are powerful creative agents each

278

00:10:41,150 --> 00:10:38,519

of whom carries the spark of the divine

279

00:10:43,130 --> 00:10:41,160

within them once again I'm not making a

280

00:10:45,350 --> 00:10:43,140

claim either way on the reality of

281

00:10:47,210 --> 00:10:45,360

either belief system but it's at least

282

00:10:49,250 --> 00:10:47,220

important to recognize that there might

283

00:10:51,829 --> 00:10:49,260

be ulterior motives for the aggressive

284

00:10:53,750 --> 00:10:51,839

stigmatization of occult beliefs

285

00:10:55,910 --> 00:10:53,760

and I also think that it's important to

286

00:10:57,769 --> 00:10:55,920

point out that though there seem to be

287

00:10:59,509 --> 00:10:57,779

clear cultural battle lines drawn

288

00:11:01,790 --> 00:10:59,519

between traditional religion and the

289

00:11:03,829 --> 00:11:01,800

Occult the distinction between the two

290

00:11:06,530 --> 00:11:03,839

isn't always so black and white in our

291

00:11:08,930 --> 00:11:06,540

daily lives a cult and Pagan practices

292

00:11:11,389 --> 00:11:08,940

are often assimilated into religious

293

00:11:13,790 --> 00:11:11,399

practices and many occultists are not

294

00:11:16,190 --> 00:11:13,800

above indulging in religiosity

295

00:11:18,350 --> 00:11:16,200

for example I was raised in the Catholic

296

00:11:20,389 --> 00:11:18,360

tradition the culmination of the

297

00:11:22,069 --> 00:11:20,399

Catholic mass involves a ritual in which

298

00:11:24,230 --> 00:11:22,079

bread and wine are believed to be

299

00:11:25,970 --> 00:11:24,240

transformed into the literal body and

300

00:11:28,730 --> 00:11:25,980

blood of Jesus Christ

301

00:11:30,949 --> 00:11:28,740

the process by which this is done is

302

00:11:33,170 --> 00:11:30,959

virtually indistinguishable from ritual

303

00:11:36,350 --> 00:11:33,180

magic it would be impossible to claim

304

00:11:38,329 --> 00:11:36,360

otherwise and yet it wouldn't be fair or

305

00:11:40,730 --> 00:11:38,339

accurate to refer to a Catholic priest

306

00:11:43,009 --> 00:11:40,740

as an occultist when occult and

307

00:11:44,870 --> 00:11:43,019

religious Traditions collide one

308

00:11:47,210 --> 00:11:44,880

subsumes the other in a way that makes

309

00:11:48,829 --> 00:11:47,220

it impossible to tell where one ends and

310

00:11:50,690 --> 00:11:48,839

the other begins

311

00:11:52,130 --> 00:11:50,700

so while I think it's important to

312

00:11:54,590 --> 00:11:52,140

understand the differences between

313

00:11:56,210 --> 00:11:54,600

religion and the Occult there is an

314

00:11:58,370 --> 00:11:56,220

extent to which we need to be able to

315

00:12:00,590 --> 00:11:58,380

collapse those two relatively arbitrary

316

00:12:01,910 --> 00:12:00,600

labels in order to step back and look at

317

00:12:03,949 --> 00:12:01,920

the bigger picture

318

00:12:05,990 --> 00:12:03,959

at the end of the day the occult and

319

00:12:08,509 --> 00:12:06,000

traditional religions are two sides of

320

00:12:10,250 --> 00:12:08,519

the same coin they are each attempts to

321

00:12:11,750 --> 00:12:10,260

Grapple with the most profound and

322

00:12:14,030 --> 00:12:11,760

mysterious elements of The Human

323

00:12:16,069 --> 00:12:14,040

Experience and though we try to

324

00:12:18,769 --> 00:12:16,079

categorize them and wrap them up in neat

325

00:12:20,930 --> 00:12:18,779

little boxes the reality is when it

326

00:12:23,030 --> 00:12:20,940

comes to approaching the mystical there

327

00:12:24,769 --> 00:12:23,040

are as many paths as there are people to

328

00:12:26,990 --> 00:12:24,779

walk them

329

00:12:29,329 --> 00:12:27,000

and all of this brings us back to our

330

00:12:32,090 --> 00:12:29,339

original question which is what does the

331

00:12:34,190 --> 00:12:32,100

occult have to do with UFOs and I'll be

332

00:12:35,810 --> 00:12:34,200

honest I'm still not entirely sure how

333

00:12:37,490 --> 00:12:35,820

to answer that question

334

00:12:39,530 --> 00:12:37,500

it's easy to point out the various

335

00:12:41,930 --> 00:12:39,540

places where these two topics overlap

336

00:12:43,850 --> 00:12:41,940

but when you zoom out and try to look at

337

00:12:45,710 --> 00:12:43,860

the whole thing to establish any kind of

338

00:12:47,990 --> 00:12:45,720

a coherent narrative explaining their

339

00:12:50,389 --> 00:12:48,000

relationship to one another there are no

340

00:12:52,430 --> 00:12:50,399

easy answers there are some clear

341

00:12:54,829 --> 00:12:52,440

commonalities however and those are

342

00:12:56,870 --> 00:12:54,839

worth exploring one of the things that

343

00:12:59,210 --> 00:12:56,880

they have in common is liminality

344

00:13:01,129 --> 00:12:59,220

perhaps it's not surprising that the

345

00:13:02,930 --> 00:13:01,139

concept of liminality has been having a

346

00:13:03,730 --> 00:13:02,940

bit of a moment online over the last few

347

00:13:06,350 --> 00:13:03,740

years

348

00:13:08,870 --> 00:13:06,360

liminality refers to the quality of

349

00:13:10,970 --> 00:13:08,880

ambiguity or disorientation that occurs

350

00:13:13,310 --> 00:13:10,980

in the middle stage of a rite of passage

351  
00:13:15,650 --> 00:13:13,320  
like entering into the eighth month of a

352  
00:13:17,269 --> 00:13:15,660  
pandemic lockdown liminality is all

353  
00:13:19,370 --> 00:13:17,279  
about standing on the threshold of

354  
00:13:21,410 --> 00:13:19,380  
something uncertain after having gone

355  
00:13:22,970 --> 00:13:21,420  
through something harrowing and

356  
00:13:25,009 --> 00:13:22,980  
liminality is something that you find

357  
00:13:27,530 --> 00:13:25,019  
woven throughout both the occult and

358  
00:13:29,329 --> 00:13:27,540  
accounts of the UFO phenomenon first of

359  
00:13:31,190 --> 00:13:29,339  
all the communities that are most drawn

360  
00:13:33,769 --> 00:13:31,200  
to both of these things have an aspect

361  
00:13:37,190 --> 00:13:33,779  
of liminality themselves they tend to be

362  
00:13:39,530 --> 00:13:37,200  
Rebels Outsiders weirdos people who

363  
00:13:41,930 --> 00:13:39,540

exist somewhat on the fringes outside of

364

00:13:44,329 --> 00:13:41,940

the established structure and both deal

365

00:13:46,310 --> 00:13:44,339

with forces beings and events that can

366

00:13:49,370 --> 00:13:46,320

seem to be at once there and not there

367

00:13:51,050 --> 00:13:49,380

real and not real and the ways and

368

00:13:53,389 --> 00:13:51,060

places in which these forces make

369

00:13:55,569 --> 00:13:53,399

themselves known have a liminality about

370

00:13:58,310 --> 00:13:55,579

them as well for example both

371

00:14:00,310 --> 00:13:58,320

experiencers and occultists might use a

372

00:14:03,170 --> 00:14:00,320

trance state to contact a higher being

373

00:14:05,090 --> 00:14:03,180

and anomalous experiences are often

374

00:14:07,250 --> 00:14:05,100

associated with a hypnagogic state

375

00:14:09,470 --> 00:14:07,260

between dreaming and waking

376

00:14:11,990 --> 00:14:09,480

everywhere you look with regard to both

377

00:14:14,870 --> 00:14:12,000

of these topics you find the same themes

378

00:14:18,110 --> 00:14:14,880

again and again of boundaries thresholds

379

00:14:20,389 --> 00:14:18,120

Fringe areas and spaces in between being

380

00:14:21,470 --> 00:14:20,399

entangled with UFO and paranormal

381

00:14:23,750 --> 00:14:21,480

phenomena

382

00:14:26,269 --> 00:14:23,760

and while this might seem vague and a

383

00:14:28,430 --> 00:14:26,279

bit arbitrary at first blush as we'll

384

00:14:30,470 --> 00:14:28,440

explore in our next few episodes there

385

00:14:32,990 --> 00:14:30,480

are several emerging theories of reality

386

00:14:35,629 --> 00:14:33,000

that might help to explain why this is

387

00:14:37,910 --> 00:14:35,639

the case another commonality is that

388

00:14:39,889 --> 00:14:37,920

both UFOs and the Occult deal with

389

00:14:42,290 --> 00:14:39,899

Hidden Mysteries and the concept of

390

00:14:44,269 --> 00:14:42,300

Ascension in one form or another in the

391

00:14:46,490 --> 00:14:44,279

occult these Mysteries are conveyed by

392

00:14:48,530 --> 00:14:46,500

Divine teachers and the student upon

393

00:14:49,670 --> 00:14:48,540

understanding these teachings is able to

394

00:14:52,370 --> 00:14:49,680

ascend

395

00:14:55,069 --> 00:14:52,380

and in the UFO world the existence of

396

00:14:57,290 --> 00:14:55,079

technology that exists in a paradigm so

397

00:14:59,870 --> 00:14:57,300

far beyond our own suggests the

398

00:15:01,129 --> 00:14:59,880

existence of a higher intelligence a

399

00:15:02,569 --> 00:15:01,139

higher intelligence that could

400

00:15:05,030 --> 00:15:02,579

conceivably share their knowledge with

401  
00:15:06,769 --> 00:15:05,040  
us and through that knowledge we have

402  
00:15:08,750 --> 00:15:06,779  
the potential to become something more

403  
00:15:10,550 --> 00:15:08,760  
than simply human but a truly

404  
00:15:13,610 --> 00:15:10,560  
space-faring species

405  
00:15:16,069 --> 00:15:13,620  
and symbolically the idea of being taken

406  
00:15:18,470 --> 00:15:16,079  
up into a craft in the sky has deep

407  
00:15:20,210 --> 00:15:18,480  
parallels to Ascension stories and myths

408  
00:15:21,650 --> 00:15:20,220  
that can be found throughout sacred

409  
00:15:24,290 --> 00:15:21,660  
texts of the past

410  
00:15:26,449 --> 00:15:24,300  
another major overlap between UFOs and

411  
00:15:28,670 --> 00:15:26,459  
the Occult is the emphasis on PSI

412  
00:15:31,210 --> 00:15:28,680  
phenomena which includes things like

413  
00:15:34,490 --> 00:15:31,220

extra sensory perception telepathy

414

00:15:36,650 --> 00:15:34,500

precognition and psychokinesis in the

415

00:15:38,810 --> 00:15:36,660

case of the occult many occult practices

416

00:15:41,030 --> 00:15:38,820

are aimed at harnessing various types of

417

00:15:43,670 --> 00:15:41,040

Sci phenomena to do things like

418

00:15:45,590 --> 00:15:43,680

influencing how events unfold gaining

419

00:15:47,629 --> 00:15:45,600

access to non-local intelligence and

420

00:15:50,150 --> 00:15:47,639

information and communicating with

421

00:15:52,790 --> 00:15:50,160

non-human intelligences and in the case

422

00:15:55,129 --> 00:15:52,800

of UFOs we see many references to this

423

00:15:56,990 --> 00:15:55,139

kind of Sci phenomena as well many

424

00:15:58,490 --> 00:15:57,000

people who report experiencing contact

425

00:16:00,710 --> 00:15:58,500

with these craft and the beings

426  
00:16:02,449 --> 00:16:00,720  
associated with them say that the

427  
00:16:05,329 --> 00:16:02,459  
communication that they received was

428  
00:16:07,430 --> 00:16:05,339  
entirely telepathic and those who seek

429  
00:16:09,650 --> 00:16:07,440  
to proactively establish contact with

430  
00:16:12,650 --> 00:16:09,660  
UFOs through human-initiated contact

431  
00:16:14,509 --> 00:16:12,660  
events or heists use techniques like

432  
00:16:17,090 --> 00:16:14,519  
meditation trance States and

433  
00:16:19,189 --> 00:16:17,100  
visualization that are similar to occult

434  
00:16:21,590 --> 00:16:19,199  
practices aimed at the same types of

435  
00:16:23,930 --> 00:16:21,600  
outcomes and while this all might sound

436  
00:16:25,430 --> 00:16:23,940  
like a bunch of woo-woo nonsense and

437  
00:16:27,829 --> 00:16:25,440  
I'll confess that it did to me when I

438  
00:16:30,650 --> 00:16:27,839

first started down this path there is

439

00:16:32,629 --> 00:16:30,660

considerable and surprising evidence to

440

00:16:35,569 --> 00:16:32,639

suggest that PSI phenomena aren't just

441

00:16:37,850 --> 00:16:35,579

real but they seem to represent a latent

442

00:16:40,009 --> 00:16:37,860

ability that we all have

443

00:16:42,590 --> 00:16:40,019

I know that one might be a tough pill to

444

00:16:44,569 --> 00:16:42,600

swallow we'll dive into it a lot more in

445

00:16:46,310 --> 00:16:44,579

the next episode but for now just put

446

00:16:48,889 --> 00:16:46,320

that one on the shelf and we'll get back

447

00:16:51,530 --> 00:16:48,899

to it another thing that UFOs in the

448

00:16:53,930 --> 00:16:51,540

occult have in common is that if real

449

00:16:56,449 --> 00:16:53,940

both UFOs and certain occult practices

450

00:16:59,449 --> 00:16:56,459

have pretty stunning implications for

451  
00:17:01,550 --> 00:16:59,459  
the nature of our reality in fact if

452  
00:17:03,710 --> 00:17:01,560  
anything I think that alone is enough to

453  
00:17:06,230 --> 00:17:03,720  
consider that UFOs in the occult might

454  
00:17:08,809 --> 00:17:06,240  
be related in some meaningful way

455  
00:17:10,909 --> 00:17:08,819  
put simply the Paradigm Shift needed for

456  
00:17:13,909 --> 00:17:10,919  
us to adequately explain all of the

457  
00:17:16,309 --> 00:17:13,919  
weirdness associated with UFOs is so

458  
00:17:17,750 --> 00:17:16,319  
massive that it's likely to explain a

459  
00:17:20,329 --> 00:17:17,760  
whole bunch of other strange phenomena

460  
00:17:22,730 --> 00:17:20,339  
as well maybe it'll give us some insight

461  
00:17:23,990 --> 00:17:22,740  
into the occult and SCI phenomena or

462  
00:17:27,169 --> 00:17:24,000  
maybe we'll find that they're all

463  
00:17:29,030 --> 00:17:27,179

manifestations of the same thing in the

464

00:17:30,470 --> 00:17:29,040

next episode we'll get into theories of

465

00:17:33,650 --> 00:17:30,480

reality that could potentially explain

466

00:17:35,150 --> 00:17:33,660

how that could be and finally one of the

467

00:17:37,070 --> 00:17:35,160

most notable things that the UFO

468

00:17:39,710 --> 00:17:37,080

phenomenon and certain occult and SCI

469

00:17:41,510 --> 00:17:39,720

phenomena have in common is that though

470

00:17:42,950 --> 00:17:41,520

the government has both privately and

471

00:17:46,010 --> 00:17:42,960

publicly led the aggressive

472

00:17:47,870 --> 00:17:46,020

stigmatization of both it's pretty clear

473

00:17:51,070 --> 00:17:47,880

that the government believes this stuff

474

00:17:53,810 --> 00:17:51,080

is real just last week on January 12

475

00:17:55,669 --> 00:17:53,820

2023 the office of the Director of

476  
00:17:59,270 --> 00:17:55,679  
National Intelligence released its long

477  
00:18:00,710 --> 00:17:59,280  
overdue report on uaps in this report it

478  
00:18:03,350 --> 00:18:00,720  
says that the U.S government has

479  
00:18:06,169 --> 00:18:03,360  
received over 350 reports of UFO

480  
00:18:09,049 --> 00:18:06,179  
sightings since March 2021 half of which

481  
00:18:10,970 --> 00:18:09,059  
remain unexplained and it recommends

482  
00:18:12,529 --> 00:18:10,980  
that further resources be deployed to

483  
00:18:14,930 --> 00:18:12,539  
study this potential national security

484  
00:18:16,430 --> 00:18:14,940  
threat if you haven't read that report

485  
00:18:19,130 --> 00:18:16,440  
yet I'll have it linked in the episode

486  
00:18:21,650 --> 00:18:19,140  
description and as we'll discuss more in

487  
00:18:22,970 --> 00:18:21,660  
the next episode behind closed doors the

488  
00:18:25,130 --> 00:18:22,980

government has also invested

489

00:18:26,990 --> 00:18:25,140

considerable resources into researching

490

00:18:28,669 --> 00:18:27,000

and leveraging the kind of Sci

491

00:18:30,890 --> 00:18:28,679

phenomenon that many would associate

492

00:18:33,669 --> 00:18:30,900

with the occult including remote viewing

493

00:18:36,350 --> 00:18:33,679

and astral projection and if you ask me

494

00:18:38,090 --> 00:18:36,360

that alone makes it worthwhile to

495

00:18:40,010 --> 00:18:38,100

consider all of these things that we

496

00:18:42,049 --> 00:18:40,020

might once have scoffed at a little bit

497

00:18:43,549 --> 00:18:42,059

more closely because if there is

498

00:18:45,650 --> 00:18:43,559

something that they are trying this hard

499

00:18:47,650 --> 00:18:45,660

to keep us from exploring while secretly

500

00:18:50,930 --> 00:18:47,660

spending decades studying it themselves

501

00:18:52,970 --> 00:18:50,940

I mean don't you want to know why

502

00:18:54,770 --> 00:18:52,980

there's a much more interesting story to

503

00:18:56,630 --> 00:18:54,780

be told here and while it's clear that

504

00:18:58,730 --> 00:18:56,640

many of the most profound secrets about

505

00:19:01,250 --> 00:18:58,740

these strange phenomena remain concealed

506

00:19:03,669 --> 00:19:01,260

from us significant and startling parts

507

00:19:06,650 --> 00:19:03,679

of this story are hiding in plain sight

508

00:19:09,470 --> 00:19:06,660

and one such story can be found in the

509

00:19:11,270 --> 00:19:09,480

occult origins of the space race

510

00:19:13,310 --> 00:19:11,280

when it comes to the story of how

511

00:19:15,230 --> 00:19:13,320

Humanity first made its way to the Stars

512

00:19:17,570 --> 00:19:15,240

there's the story that we're told in the

513

00:19:19,970 --> 00:19:17,580

history books and then there's the truth

514

00:19:21,650 --> 00:19:19,980

it's often this way with history which

515

00:19:24,470 --> 00:19:21,660

is not to imply some kind of a

516

00:19:26,930 --> 00:19:24,480

conspiracy I only mean to say this

517

00:19:28,730 --> 00:19:26,940

history is not a recounting of The Facts

518

00:19:31,190 --> 00:19:28,740

of what happened in the past

519

00:19:33,409 --> 00:19:31,200

history is an interpretation of what

520

00:19:35,210 --> 00:19:33,419

happened in the past based on the data

521

00:19:36,970 --> 00:19:35,220

that is available and told through the

522

00:19:40,490 --> 00:19:36,980

lens of the dominant culture of the day

523

00:19:43,310 --> 00:19:40,500

the reality of the past is far too vast

524

00:19:45,470 --> 00:19:43,320

nuanced and intrinsically unknowable to

525

00:19:48,470 --> 00:19:45,480

ever truly be captured that's not what

526

00:19:50,390 --> 00:19:48,480

history is rather history is a story

527

00:19:52,490 --> 00:19:50,400

that is created when we pull forward

528

00:19:54,830 --> 00:19:52,500

various narrative threads from the past

529

00:19:56,570 --> 00:19:54,840

and frame them in such a way as to

530

00:19:58,789 --> 00:19:56,580

extract meaning

531

00:20:00,770 --> 00:19:58,799

for example the story of how the Cold

532

00:20:02,990 --> 00:20:00,780

War provided the fuel for the Space Race

533

00:20:05,810 --> 00:20:03,000

as two superpowers battled for Global

534

00:20:07,490 --> 00:20:05,820

dominance that's true and the story of

535

00:20:09,470 --> 00:20:07,500

how the collective will of the American

536

00:20:12,110 --> 00:20:09,480

people to go to the Moon as President

537

00:20:14,810 --> 00:20:12,120

Kennedy famously said not because it is

538

00:20:16,909 --> 00:20:14,820

easy but because it is hard provided the

539

00:20:19,490 --> 00:20:16,919

impetus for the moon landing Humanity's

540

00:20:22,909 --> 00:20:19,500

greatest achievement to date that's true

541

00:20:24,770 --> 00:20:22,919

too or as true as history ever is but

542

00:20:26,770 --> 00:20:24,780

there is another very different story

543

00:20:28,789 --> 00:20:26,780

that can be told that is also true

544

00:20:31,190 --> 00:20:28,799

instead of being a story about

545

00:20:33,890 --> 00:20:31,200

Collective will this is a story about

546

00:20:35,450 --> 00:20:33,900

individual Madness instead of the

547

00:20:37,850 --> 00:20:35,460

Triumph of reason and scientific

548

00:20:40,430 --> 00:20:37,860

Endeavor it's a tale that shreds the

549

00:20:42,230 --> 00:20:40,440

very fabric of consensus reality leaving

550

00:20:43,549 --> 00:20:42,240

us on moored and without a clear

551  
00:20:45,890 --> 00:20:43,559  
Foundation

552  
00:20:49,010 --> 00:20:45,900  
as the sociologist William Bainbridge

553  
00:20:51,830 --> 00:20:49,020  
observed not the public will but private

554  
00:20:54,350 --> 00:20:51,840  
fanaticism drove men to the moon and

555  
00:20:55,970 --> 00:20:54,360  
this story is just as true as the other

556  
00:20:57,950 --> 00:20:55,980  
scattered throughout The Narrative of

557  
00:21:00,230 --> 00:20:57,960  
the early Space Race loomed the figures

558  
00:21:02,630 --> 00:21:00,240  
of men whose pursuit of the mechanisms

559  
00:21:05,090 --> 00:21:02,640  
of space flight LED them to the very

560  
00:21:07,730 --> 00:21:05,100  
brink of Madness some of them never to

561  
00:21:10,610 --> 00:21:07,740  
return and it seems that under every

562  
00:21:12,890 --> 00:21:10,620  
Rock we find more evidence of deep ties

563  
00:21:15,430 --> 00:21:12,900

between Humanity's early space programs

564

00:21:18,470 --> 00:21:15,440

and strange occult beliefs and practices

565

00:21:20,330 --> 00:21:18,480

that's the story that I want to tell and

566

00:21:22,430 --> 00:21:20,340

like so much of the lore involving high

567

00:21:25,190 --> 00:21:22,440

strangeness from the mid-20th century

568

00:21:28,190 --> 00:21:25,200

this story unfortunately has its roots

569

00:21:30,350 --> 00:21:28,200

in Nazi Germany in episode 12 we did a

570

00:21:31,909 --> 00:21:30,360

deep dive into the lore surrounding Nazi

571

00:21:33,470 --> 00:21:31,919

involvement with the occult and the

572

00:21:35,990 --> 00:21:33,480

possibility that it might have led to

573

00:21:37,549 --> 00:21:36,000

breakthroughs in secret technology if

574

00:21:39,049 --> 00:21:37,559

you haven't listened to that one yet I

575

00:21:40,610 --> 00:21:39,059

highly recommend that you do to get the

576

00:21:42,830 --> 00:21:40,620

full context here

577

00:21:44,870 --> 00:21:42,840

to make a long story short near the end

578

00:21:46,909 --> 00:21:44,880

of World War II the Nazis managed to

579

00:21:49,970 --> 00:21:46,919

make some pretty significant advances in

580

00:21:51,590 --> 00:21:49,980

rocket technology in 1942 led by a

581

00:21:54,110 --> 00:21:51,600

brilliant young scientist named Werner

582

00:21:56,510 --> 00:21:54,120

Von Braun Germany developed the world's

583

00:21:59,149 --> 00:21:56,520

first ballistic missile the V2

584

00:22:01,610 --> 00:21:59,159

with a range of 200 miles the V2 could

585

00:22:05,090 --> 00:22:01,620

travel at 3 500 miles per hour while

586

00:22:06,590 --> 00:22:05,100

packing a 2200 pound Warhead the V2 far

587

00:22:08,330 --> 00:22:06,600

surpassed anything that the United

588

00:22:10,430 --> 00:22:08,340

States or the Soviets had in their

589

00:22:12,529 --> 00:22:10,440

arsenals at the time and had it been

590

00:22:14,270 --> 00:22:12,539

rolled out a little sooner it very

591

00:22:17,330 --> 00:22:14,280

easily could have turned the tide of the

592

00:22:19,250 --> 00:22:17,340

war and to this day rumors persist about

593

00:22:21,049 --> 00:22:19,260

how exactly the Nazis managed to

594

00:22:23,149 --> 00:22:21,059

continually beat the United States in

595

00:22:25,070 --> 00:22:23,159

the Soviet Union to the punch on the

596

00:22:27,649 --> 00:22:25,080

development of critical new technologies

597

00:22:30,710 --> 00:22:27,659

and all of these rumors Center on the

598

00:22:32,570 --> 00:22:30,720

involvement of UFOs and the occult some

599

00:22:35,149 --> 00:22:32,580

have speculated that Germany had their

600

00:22:36,770 --> 00:22:35,159

own UFO crash a few years before Roswell

601  
00:22:38,450 --> 00:22:36,780  
from which they were able to back

602  
00:22:40,970 --> 00:22:38,460  
engineer several technological

603  
00:22:42,529 --> 00:22:40,980  
breakthroughs others believed that the

604  
00:22:44,810 --> 00:22:42,539  
infamous Nazi search for ancient

605  
00:22:46,130 --> 00:22:44,820  
treasure and mythological relics may

606  
00:22:48,649 --> 00:22:46,140  
have led them to discover lost

607  
00:22:51,110 --> 00:22:48,659  
technology and esoteric knowledge that

608  
00:22:52,970 --> 00:22:51,120  
gave them the advantage and still others

609  
00:22:55,070 --> 00:22:52,980  
believe that these breakthroughs were

610  
00:22:57,770 --> 00:22:55,080  
channeled from non-human entities who

611  
00:23:00,409 --> 00:22:57,780  
were guiding the Nazi scientists as we

612  
00:23:01,789 --> 00:23:00,419  
discussed in detail in episode 12 it's

613  
00:23:04,490 --> 00:23:01,799

hard to know if any of that could

614

00:23:06,470 --> 00:23:04,500

possibly be true but what isn't in doubt

615

00:23:09,049 --> 00:23:06,480

is that the occult was Central to Nazi

616

00:23:11,510 --> 00:23:09,059

ideology and so Nazi scientists like

617

00:23:13,549 --> 00:23:11,520

Werner Von Braun would have been steeped

618

00:23:15,470 --> 00:23:13,559

in this culture and would have had to at

619

00:23:17,870 --> 00:23:15,480

least given the outward appearance of

620

00:23:19,370 --> 00:23:17,880

having subscribed to it whether that

621

00:23:21,230 --> 00:23:19,380

means that the occult had anything

622

00:23:23,270 --> 00:23:21,240

tangible to do with their scientific

623

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

breakthroughs though is really

624

00:23:27,169 --> 00:23:25,620

impossible to know but it's important to

625

00:23:29,630 --> 00:23:27,179

be aware of this occult influence

626  
00:23:32,149 --> 00:23:29,640  
because of what happened next

627  
00:23:33,770 --> 00:23:32,159  
as World War II Drew to a close the

628  
00:23:35,270 --> 00:23:33,780  
seeds of another conflict that would

629  
00:23:37,430 --> 00:23:35,280  
come to define the geopolitical

630  
00:23:39,169 --> 00:23:37,440  
landscape for the next four decades had

631  
00:23:42,169 --> 00:23:39,179  
already been planted and were beginning

632  
00:23:44,690 --> 00:23:42,179  
to sprout and that conflict was the Cold

633  
00:23:46,549 --> 00:23:44,700  
War although the U.S and the Soviet

634  
00:23:48,710 --> 00:23:46,559  
Union had fought alongside one another

635  
00:23:51,350 --> 00:23:48,720  
in the war as part of the Allied Powers

636  
00:23:53,270 --> 00:23:51,360  
which also included Great Britain by the

637  
00:23:55,789 --> 00:23:53,280  
time the war had reached its conclusion

638  
00:23:58,669 --> 00:23:55,799

tensions between the two nations were at

639

00:24:00,770 --> 00:23:58,679

an all-time high in The Crucible of War

640

00:24:03,649 --> 00:24:00,780

both Nations had been forged into

641

00:24:06,350 --> 00:24:03,659

formidable Global superpowers and their

642

00:24:08,450 --> 00:24:06,360

diametrically opposed ideologies fed the

643

00:24:10,909 --> 00:24:08,460

Flames of a growing rivalry

644

00:24:14,149 --> 00:24:10,919

at stake was nothing less than global

645

00:24:16,310 --> 00:24:14,159

domination and so as both Nations began

646

00:24:18,169 --> 00:24:16,320

the process of picking over the bones of

647

00:24:20,870 --> 00:24:18,179

what had been Germany's massive war

648

00:24:23,510 --> 00:24:20,880

machine both nations were not so

649

00:24:25,789 --> 00:24:23,520

secretly scrambling to claim the experts

650

00:24:27,890 --> 00:24:25,799

and resources that were left behind for

651  
00:24:30,230 --> 00:24:27,900  
their own knowing that if they didn't

652  
00:24:32,270 --> 00:24:30,240  
those people and resources would end up

653  
00:24:34,430 --> 00:24:32,280  
in the hands of their rival

654  
00:24:36,890 --> 00:24:34,440  
of particular interest in both countries

655  
00:24:39,169 --> 00:24:36,900  
were Nazi scientists engineers and

656  
00:24:41,270 --> 00:24:39,179  
technicians with specialized knowledge

657  
00:24:42,950 --> 00:24:41,280  
especially those who had been involved

658  
00:24:45,649 --> 00:24:42,960  
in the rocketry program that had

659  
00:24:47,750 --> 00:24:45,659  
developed the V2 and despite the fact

660  
00:24:50,750 --> 00:24:47,760  
that most of these scientists including

661  
00:24:52,850 --> 00:24:50,760  
Von Braun were high-ranking SS officers

662  
00:24:54,950 --> 00:24:52,860  
and card-carrying members of the Nazi

663  
00:24:57,289 --> 00:24:54,960

party a plan was made by the United

664

00:24:59,149 --> 00:24:57,299

States government to overlook all of

665

00:25:01,430 --> 00:24:59,159

that in return for them coming to the

666

00:25:03,169 --> 00:25:01,440

U.S to continue their work in the

667

00:25:05,750 --> 00:25:03,179

employee of the government

668

00:25:08,210 --> 00:25:05,760

this classified program codenamed

669

00:25:11,210 --> 00:25:08,220

Operation Paperclip brought more than

670

00:25:15,350 --> 00:25:11,220

1600 German scientists and Engineers to

671

00:25:17,270 --> 00:25:15,360

the United States between 1945 and 1959.

672

00:25:20,210 --> 00:25:17,280

for their part the Soviet Union

673

00:25:23,029 --> 00:25:20,220

responded by relocating more than 2 200

674

00:25:27,470 --> 00:25:23,039

German Specialists during one night on

675

00:25:29,510 --> 00:25:27,480

October 22nd 1946 and just like that the

676

00:25:31,909 --> 00:25:29,520

space race between the United States and

677

00:25:34,070 --> 00:25:31,919

the Soviet Union that came to define the

678

00:25:36,350 --> 00:25:34,080

early Decades of the Cold War had begun

679

00:25:38,450 --> 00:25:36,360

if you find it shocking and disturbing

680

00:25:40,370 --> 00:25:38,460

that the United States gave Refuge to

681

00:25:41,930 --> 00:25:40,380

known Nazis and war criminals who then

682

00:25:45,110 --> 00:25:41,940

went on to form the foundation of our

683

00:25:46,789 --> 00:25:45,120

space program you aren't alone it's hard

684

00:25:48,830 --> 00:25:46,799

to deny that this is one of the darkest

685

00:25:50,450 --> 00:25:48,840

chapters in our history it's

686

00:25:52,250 --> 00:25:50,460

particularly disturbing when you

687

00:25:54,710 --> 00:25:52,260

recognize that Von Braun ended up

688

00:25:57,529 --> 00:25:54,720

becoming something of an American Hero

689

00:25:59,510 --> 00:25:57,539

in 1960 Von Braun started working at

690

00:26:01,310 --> 00:25:59,520

Nasa where he served as director of the

691

00:26:04,250 --> 00:26:01,320

newly formed Marshall space flight

692

00:26:06,769 --> 00:26:04,260

center and as the Chief Architect of the

693

00:26:09,350 --> 00:26:06,779

Saturn V super heavy lift launch vehicle

694

00:26:10,310 --> 00:26:09,360

that propelled the Apollo spacecraft to

695

00:26:13,610 --> 00:26:10,320

the Moon

696

00:26:15,950 --> 00:26:13,620

in 1967 Von Braun was inducted into the

697

00:26:18,529 --> 00:26:15,960

National Academy of engineering and in

698

00:26:19,549 --> 00:26:18,539

1975 he received the national medal of

699

00:26:21,649 --> 00:26:19,559

science

700

00:26:23,930 --> 00:26:21,659

further he is remembered as both the

701  
00:26:25,970 --> 00:26:23,940  
father of space travel and the father of

702  
00:26:28,010 --> 00:26:25,980  
the American lunar program and he

703  
00:26:30,470 --> 00:26:28,020  
appeared in family-friendly Disney films

704  
00:26:32,930 --> 00:26:30,480  
talking about space and the moon landing

705  
00:26:34,850 --> 00:26:32,940  
now granted there are those who have

706  
00:26:37,010 --> 00:26:34,860  
argued that Von Braun only joined the

707  
00:26:38,810 --> 00:26:37,020  
Nazi party because he was forced and

708  
00:26:40,970 --> 00:26:38,820  
that if he hadn't joined he likely would

709  
00:26:42,769 --> 00:26:40,980  
have been killed they argued that he was

710  
00:26:44,630 --> 00:26:42,779  
just a scientist who was too caught up

711  
00:26:46,549 --> 00:26:44,640  
in his work to involve himself much in

712  
00:26:49,130 --> 00:26:46,559  
the machinations of politics and War

713  
00:26:51,049 --> 00:26:49,140

however as you'll recall from episode 12

714

00:26:53,870 --> 00:26:51,059

Von Braun was the head of the German

715

00:26:56,930 --> 00:26:53,880

rocketry program which birthed the V2

716

00:26:59,090 --> 00:26:56,940

and this program utilized the brutal

717

00:27:01,850 --> 00:26:59,100

Forest labor of countless prisoners of

718

00:27:04,430 --> 00:27:01,860

the concentration camps at least 10 000

719

00:27:05,570 --> 00:27:04,440

of which died from illness beatings and

720

00:27:07,850 --> 00:27:05,580

starvation

721

00:27:10,130 --> 00:27:07,860

and yet because of his strategic

722

00:27:11,870 --> 00:27:10,140

significance in the Space Race the

723

00:27:14,210 --> 00:27:11,880

United States government was willing to

724

00:27:17,090 --> 00:27:14,220

overlook his clear and unambiguous

725

00:27:20,930 --> 00:27:17,100

involvement in torture slavery and

726

00:27:23,210 --> 00:27:20,940

genocide in 1963 President Truman under

727

00:27:25,789 --> 00:27:23,220

whose leadership Operation Paperclip was

728

00:27:27,409 --> 00:27:25,799

carried out recalled that he was not in

729

00:27:30,409 --> 00:27:27,419

the least reluctant to approve the

730

00:27:33,950 --> 00:27:30,419

program because in his own words quote

731

00:27:36,470 --> 00:27:33,960

this had to be done and was done

732

00:27:43,510 --> 00:27:36,480

a dark chapter indeed

733

00:27:43,520 --> 00:27:55,380

thank you

734

00:28:14,810 --> 00:28:12,830

[Music]

735

00:28:16,430 --> 00:28:14,820

and as we look ahead to all of the

736

00:28:18,409 --> 00:28:16,440

occult strangeness that would come to

737

00:28:20,750 --> 00:28:18,419

define the early space programs of the

738

00:28:22,190 --> 00:28:20,760

United States and the Soviet Union it

739

00:28:25,549 --> 00:28:22,200

would be easy to point to this chapter

740

00:28:28,370 --> 00:28:25,559

as the root cause but the truth is much

741

00:28:30,169 --> 00:28:28,380

more complicated the reality is that it

742

00:28:32,630 --> 00:28:30,179

wasn't just the German rocketry program

743

00:28:34,370 --> 00:28:32,640

that had ties to the occult despite

744

00:28:36,710 --> 00:28:34,380

having drastically different cultural

745

00:28:38,750 --> 00:28:36,720

backgrounds and contexts some of the

746

00:28:40,970 --> 00:28:38,760

brightest minds and greatest inventors

747

00:28:43,490 --> 00:28:40,980

in both the U.S and the Soviet Union

748

00:28:45,590 --> 00:28:43,500

without whose work we almost certainly

749

00:28:47,450 --> 00:28:45,600

wouldn't have made it to the moon were

750

00:28:49,909 --> 00:28:47,460

deeply involved in various forms of

751

00:28:52,730 --> 00:28:49,919

occult practice and for many of them

752

00:28:55,250 --> 00:28:52,740

these practices were integral to their

753

00:28:57,110 --> 00:28:55,260

work a perfect example of this could be

754

00:29:00,049 --> 00:28:57,120

found in a man who was actually a

755

00:29:02,810 --> 00:29:00,059

childhood pen pal of Von bronze a man by

756

00:29:04,970 --> 00:29:02,820

the name of Jack Whiteside Parsons

757

00:29:07,970 --> 00:29:04,980

when both men were teenagers in the

758

00:29:09,769 --> 00:29:07,980

1920s the idea of space travel was a

759

00:29:12,590 --> 00:29:09,779

distant fantasy relegated to the world

760

00:29:14,630 --> 00:29:12,600

of science fiction novels Von Braun and

761

00:29:16,370 --> 00:29:14,640

Parsons already had a deep interest in

762

00:29:18,289 --> 00:29:16,380

the subject which led them to strike up

763

00:29:19,549 --> 00:29:18,299

a long-distance friendship which lasted

764

00:29:21,529 --> 00:29:19,559

for years

765

00:29:23,870 --> 00:29:21,539

talking for hours on the phone they

766

00:29:25,549 --> 00:29:23,880

exchanged ideas tips and notes from

767

00:29:27,710 --> 00:29:25,559

experiments on everything from

768

00:29:28,970 --> 00:29:27,720

explosions to home engineered Rocket

769

00:29:32,090 --> 00:29:28,980

Fuel tests

770

00:29:33,889 --> 00:29:32,100

however in 1932 when Von Braun began

771

00:29:36,409 --> 00:29:33,899

working for the German Army just before

772

00:29:38,090 --> 00:29:36,419

the country fell under Nazi rule Parsons

773

00:29:40,310 --> 00:29:38,100

quickly severed ties

774

00:29:42,230 --> 00:29:40,320

like Von Braun Parsons childhood

775

00:29:44,810 --> 00:29:42,240

interest in rocketry and space travel

776

00:29:46,549 --> 00:29:44,820

followed him into adulthood it was a

777

00:29:49,310 --> 00:29:46,559

passion that would define his life and

778

00:29:51,470 --> 00:29:49,320

ultimately also his death and like Von

779

00:29:53,690 --> 00:29:51,480

Braun without Parsons contributions to

780

00:29:55,610 --> 00:29:53,700

the field Humanity would not have been

781

00:29:57,889 --> 00:29:55,620

able to make it to the Moon

782

00:29:59,810 --> 00:29:57,899

so why have so few people heard of this

783

00:30:02,450 --> 00:29:59,820

near forgotten forefather of the space

784

00:30:04,549 --> 00:30:02,460

program and why has NASA seemingly

785

00:30:07,610 --> 00:30:04,559

sought to erase his legacy

786

00:30:10,850 --> 00:30:07,620

the answer lies in a bizarre and somehow

787

00:30:12,950 --> 00:30:10,860

uniquely American Tale one born in the

788

00:30:15,950 --> 00:30:12,960

affluent outskirts of mid-century Los

789

00:30:19,070 --> 00:30:15,960

Angeles and steeped in a heady mix of

790

00:30:20,570 --> 00:30:19,080

sex drugs rackets and of course the

791

00:30:22,370 --> 00:30:20,580

occult

792

00:30:24,350 --> 00:30:22,380

though when most people think of a

793

00:30:26,330 --> 00:30:24,360

rocket scientist it probably brings to

794

00:30:28,669 --> 00:30:26,340

mind mental images of a brilliant but

795

00:30:31,130 --> 00:30:28,679

Meek type shuffling around in a lab coat

796

00:30:33,950 --> 00:30:31,140

Jack Parsons could not have been more

797

00:30:37,070 --> 00:30:33,960

the opposite rather than a life of quiet

798

00:30:40,130 --> 00:30:37,080

study Parsons life was one of Extreme's

799

00:30:42,470 --> 00:30:40,140

excess and Hedonism I could easily write

800

00:30:45,289 --> 00:30:42,480

an entire book just on Parsons and his

801  
00:30:46,669 --> 00:30:45,299  
wild Shenanigans but luckily someone

802  
00:30:49,370 --> 00:30:46,679  
already has

803  
00:30:51,289 --> 00:30:49,380  
the phenomenal book strange Angel the

804  
00:30:54,110 --> 00:30:51,299  
otherworldly life of rocket scientist

805  
00:30:56,570 --> 00:30:54,120  
John Whiteside Parsons by George Pendle

806  
00:30:58,310 --> 00:30:56,580  
does a great job exploring the many

807  
00:31:00,649 --> 00:30:58,320  
Strange Tales involving this

808  
00:31:02,690 --> 00:31:00,659  
controversial and enigmatic character if

809  
00:31:04,789 --> 00:31:02,700  
you'd like to dive into those further

810  
00:31:06,529 --> 00:31:04,799  
I couldn't possibly include them all in

811  
00:31:08,389 --> 00:31:06,539  
this episode but here are some

812  
00:31:10,970 --> 00:31:08,399  
highlights to give you a taste of what

813  
00:31:13,190 --> 00:31:10,980

kind of a guy Jack Parsons was

814

00:31:16,190 --> 00:31:13,200

Parsons was born into a wealthy family

815

00:31:17,990 --> 00:31:16,200

and spent his childhood in Pasadena from

816

00:31:20,029 --> 00:31:18,000

a young age he had a voracious interest

817

00:31:22,070 --> 00:31:20,039

in science fiction which quickly

818

00:31:24,289 --> 00:31:22,080

developed into an interest in rocketry

819

00:31:26,450 --> 00:31:24,299

and he began doing amateur rocket

820

00:31:28,850 --> 00:31:26,460

experiments with friends from school

821

00:31:30,649 --> 00:31:28,860

but for Parsons this was much more than

822

00:31:32,570 --> 00:31:30,659

just the passing fascination of a

823

00:31:35,029 --> 00:31:32,580

Schoolboy blowing up bottle rockets in

824

00:31:37,490 --> 00:31:35,039

the park it was the seed of a lifelong

825

00:31:39,470 --> 00:31:37,500

passion unfortunately for Parsons when

826  
00:31:41,630 --> 00:31:39,480  
the Great Depression hit his family lost

827  
00:31:43,549 --> 00:31:41,640  
most of their Fortune the financial

828  
00:31:45,710 --> 00:31:43,559  
hardship forced him to drop out of

829  
00:31:48,409 --> 00:31:45,720  
Pasadena junior college and Stanford

830  
00:31:50,810 --> 00:31:48,419  
University before completing his degree

831  
00:31:52,970 --> 00:31:50,820  
however the young rocket scientist was

832  
00:31:55,250 --> 00:31:52,980  
not to be deterred by lack of access to

833  
00:31:56,870 --> 00:31:55,260  
formal education and continued the

834  
00:31:58,310 --> 00:31:56,880  
rigorous pursuit of his studies and

835  
00:32:01,250 --> 00:31:58,320  
experiments

836  
00:32:03,950 --> 00:32:01,260  
in 1934 along with friends Edward S

837  
00:32:05,810 --> 00:32:03,960  
foreman and Frank Molina he formed the

838  
00:32:09,289 --> 00:32:05,820

Caltech Affiliated Guggenheim

839

00:32:12,649 --> 00:32:09,299

aeronautical laboratory or galcit rocket

840

00:32:14,269 --> 00:32:12,659

research group and by 1939 the gaussic

841

00:32:17,090 --> 00:32:14,279

group gained funding from the National

842

00:32:20,029 --> 00:32:17,100

Academy of Sciences to work on jet

843

00:32:22,250 --> 00:32:20,039

assisted takeoff for the U.S military

844

00:32:24,529 --> 00:32:22,260

but just as his professional career was

845

00:32:26,750 --> 00:32:24,539

beginning to take off Parsons began to

846

00:32:29,330 --> 00:32:26,760

turn his attention to new and even more

847

00:32:32,690 --> 00:32:29,340

exotic interests following a brief

848

00:32:34,850 --> 00:32:32,700

flirtation with Marxism in 1939 Parsons

849

00:32:36,289 --> 00:32:34,860

converted to thalima a new religious

850

00:32:38,750 --> 00:32:36,299

movement founded by the English

851

00:32:41,269 --> 00:32:38,760

occultist Aleister Crowley

852

00:32:43,730 --> 00:32:41,279

Crowley's name looms large as one of the

853

00:32:46,370 --> 00:32:43,740

most notorious and influential in 20th

854

00:32:48,889 --> 00:32:46,380

century occultism originally a member of

855

00:32:50,870 --> 00:32:48,899

the Hermetic Order of the Golden Dawn an

856

00:32:53,210 --> 00:32:50,880

occult secret society in the 19th and

857

00:32:54,889 --> 00:32:53,220

20th centuries Crowley claimed to have

858

00:32:56,810 --> 00:32:54,899

channeled the text that would become the

859

00:32:58,789 --> 00:32:56,820

foundation of thalima while on his

860

00:33:02,389 --> 00:32:58,799

honeymoon in Cairo with his first wife

861

00:33:04,370 --> 00:33:02,399

Rose in 1904. the honeymoon started as

862

00:33:06,710 --> 00:33:04,380

most honeymoons do with the bride and

863

00:33:09,529 --> 00:33:06,720

groom arriving in Egypt and fraudulently

864

00:33:11,389 --> 00:33:09,539

claiming to be a prince and princess the

865

00:33:13,070 --> 00:33:11,399

newly self-minted Royals rented an

866

00:33:15,470 --> 00:33:13,080

apartment where they proceeded to set up

867

00:33:17,450 --> 00:33:15,480

a temple room where Crowley began to

868

00:33:18,649 --> 00:33:17,460

perform rituals to invoke Egyptian

869

00:33:20,990 --> 00:33:18,659

deities

870

00:33:22,730 --> 00:33:21,000

during these rituals Rose was said to

871

00:33:25,490 --> 00:33:22,740

have become delirious and repeatedly

872

00:33:27,710 --> 00:33:25,500

told Crowley they're waiting for you

873

00:33:31,310 --> 00:33:27,720

according to Crowley's later accounts a

874

00:33:33,529 --> 00:33:31,320

few days later on April 8 1904 he heard

875

00:33:35,690 --> 00:33:33,539

a disembodied voice claiming to be a

876

00:33:37,970 --> 00:33:35,700

messenger of the Egyptian god Horus

877

00:33:40,070 --> 00:33:37,980

whose name was I was

878

00:33:42,470 --> 00:33:40,080

The Voice spoke to Crowley for three

879

00:33:44,990 --> 00:33:42,480

days as Crowley feverishly copied down

880

00:33:46,970 --> 00:33:45,000

everything that it told him resulting in

881

00:33:49,669 --> 00:33:46,980

the text that became known as the book

882

00:33:51,830 --> 00:33:49,679

of the law this book and the philosophy

883

00:33:54,590 --> 00:33:51,840

that it espoused became the Cornerstone

884

00:33:56,810 --> 00:33:54,600

of Crowley's religion felima the book

885

00:33:59,210 --> 00:33:56,820

proclaimed that Humanity was entering a

886

00:34:01,850 --> 00:33:59,220

new Eon and that Crowley would serve as

887

00:34:04,190 --> 00:34:01,860

its prophet it stated that a supreme

888

00:34:07,190 --> 00:34:04,200

moral law was to be introduced in this

889

00:34:09,290 --> 00:34:07,200

Eon which was embodied in the words do

890

00:34:11,810 --> 00:34:09,300

what thou Wilt shall be the whole of the

891

00:34:13,550 --> 00:34:11,820

law now even if you aren't familiar with

892

00:34:15,230 --> 00:34:13,560

Crowley just based on what I've already

893

00:34:16,970 --> 00:34:15,240

told you you're probably getting the

894

00:34:19,730 --> 00:34:16,980

sense that this phrase is representative

895

00:34:22,070 --> 00:34:19,740

of an anarchistic and even anti-social

896

00:34:24,050 --> 00:34:22,080

worldview in which one is encouraged to

897

00:34:26,210 --> 00:34:24,060

do basically whatever one wants

898

00:34:28,849 --> 00:34:26,220

regardless of the consequences

899

00:34:30,710 --> 00:34:28,859

and as we'll see Crowley and many of his

900

00:34:33,169 --> 00:34:30,720

followers including Jack Parsons

901  
00:34:35,750 --> 00:34:33,179  
certainly seem to live by that Axiom

902  
00:34:37,490 --> 00:34:35,760  
Crowley was popularly known as the

903  
00:34:39,889 --> 00:34:37,500  
wickedest man in the world in his time

904  
00:34:41,990 --> 00:34:39,899  
and it was an image that he both earned

905  
00:34:44,329 --> 00:34:42,000  
and embraced with exuberance

906  
00:34:46,129 --> 00:34:44,339  
however In fairness I think it's

907  
00:34:47,869 --> 00:34:46,139  
important to point out that that isn't

908  
00:34:50,389 --> 00:34:47,879  
exactly how it's presented in the book

909  
00:34:52,609 --> 00:34:50,399  
of the law do what thou Wilt shall be

910  
00:34:53,930 --> 00:34:52,619  
the whole of the law isn't necessarily

911  
00:34:56,629 --> 00:34:53,940  
meant to imply that you should do

912  
00:34:59,270 --> 00:34:56,639  
whatever you want rather it is referring

913  
00:35:01,730 --> 00:34:59,280

to the thalamic concept of the true will

914

00:35:05,030 --> 00:35:01,740

which is entirely distinct from the

915

00:35:07,010 --> 00:35:05,040

wants and desires of the ego one's true

916

00:35:09,050 --> 00:35:07,020

will can be thought of as one's true

917

00:35:11,930 --> 00:35:09,060

purpose or calling in life

918

00:35:14,930 --> 00:35:11,940

so do what thou Wilt isn't a call for

919

00:35:17,150 --> 00:35:14,940

Hedonism but rather to move oneself into

920

00:35:18,170 --> 00:35:17,160

alignment with one's true Essence and

921

00:35:20,930 --> 00:35:18,180

purpose

922

00:35:22,730 --> 00:35:20,940

for Crowley however Hedonism seemed to

923

00:35:24,829 --> 00:35:22,740

be part and parcel of his approach to

924

00:35:27,170 --> 00:35:24,839

the occult and his drive to be

925

00:35:29,089 --> 00:35:27,180

unfettered by rules and limitations seem

926

00:35:30,109 --> 00:35:29,099

to extend even to his own religious

927

00:35:32,089 --> 00:35:30,119

movement

928

00:35:34,310 --> 00:35:32,099

Crowley wasn't even initially sure what

929

00:35:36,230 --> 00:35:34,320

to do with the book of the law and was

930

00:35:38,210 --> 00:35:36,240

said to have often felt resentment for

931

00:35:40,010 --> 00:35:38,220

it and although the texts that he

932

00:35:42,530 --> 00:35:40,020

claimed to have channeled commanded him

933

00:35:44,630 --> 00:35:42,540

to do a series of tasks including

934

00:35:47,450 --> 00:35:44,640

stealing a particular Egyptian artifact

935

00:35:49,790 --> 00:35:47,460

from a museum buying and fortifying his

936

00:35:51,290 --> 00:35:49,800

own Island and translating the book of

937

00:35:53,930 --> 00:35:51,300

the law into all of the world's

938

00:35:55,190 --> 00:35:53,940

languages he ignored all of these

939

00:35:57,290 --> 00:35:55,200

mandates

940

00:35:59,329 --> 00:35:57,300

and certainly Hedonism had come to be

941

00:36:00,829 --> 00:35:59,339

the center of Crowley's practice at the

942

00:36:02,030 --> 00:36:00,839

time that he came into contact with Jack

943

00:36:07,730 --> 00:36:02,040

Parsons

944

00:36:10,250 --> 00:36:07,740

1939 and became fascinated with the Lima

945

00:36:12,770 --> 00:36:10,260

he immersed himself in Crowley's work

946

00:36:15,050 --> 00:36:12,780

and became convinced that thalamic magic

947

00:36:16,430 --> 00:36:15,060

was real and that it was a force that

948

00:36:17,690 --> 00:36:16,440

could be explained through quantum

949

00:36:21,290 --> 00:36:17,700

mechanics

950

00:36:23,750 --> 00:36:21,300

by 1941 Jack and his wife Helen Northrup

951  
00:36:25,910 --> 00:36:23,760  
joined the famed Agape Lodge which was

952  
00:36:30,650 --> 00:36:25,920  
the Californian branch of the thalamite

953  
00:36:33,050 --> 00:36:30,660  
Ordo templey orientus or Oto and in 1942

954  
00:36:34,910 --> 00:36:33,060  
Aleister Crowley who publicly recognized

955  
00:36:37,010 --> 00:36:34,920  
Jack Parsons as being one of the most

956  
00:36:39,589 --> 00:36:37,020  
important of his followers and a

957  
00:36:42,170 --> 00:36:39,599  
possible successor pushed for Parsons to

958  
00:36:44,109 --> 00:36:42,180  
become leader of the lodge replacing its

959  
00:36:46,550 --> 00:36:44,119  
former leader Wilfred Talbot Smith

960  
00:36:48,530 --> 00:36:46,560  
Parsons began to run the lodge from his

961  
00:36:51,530 --> 00:36:48,540  
mansion on Orange Grove Boulevard in

962  
00:36:54,770 --> 00:36:51,540  
Pasadena kicking off an absolutely wild

963  
00:36:56,569 --> 00:36:54,780

series of events Parsons promptly began

964

00:36:59,270 --> 00:36:56,579

a sexual relationship with his wife

965

00:37:01,190 --> 00:36:59,280

Helen's 17 year old sister Sarah who

966

00:37:04,190 --> 00:37:01,200

then declared herself to be Parsons new

967

00:37:06,109 --> 00:37:04,200

wife devastated by this news Helen

968

00:37:09,109 --> 00:37:06,119

sought comfort with the Agape Lodge's

969

00:37:11,030 --> 00:37:09,119

former leader Wilfred Talbot Smith the

970

00:37:12,829 --> 00:37:11,040

four of them remarkably remained friends

971

00:37:14,810 --> 00:37:12,839

and moved into Parsons Mansion together

972

00:37:16,430 --> 00:37:14,820

with a handful of other dedicated

973

00:37:19,010 --> 00:37:16,440

followers

974

00:37:22,370 --> 00:37:19,020

Parsons home became a hub of bizarre and

975

00:37:24,950 --> 00:37:22,380

frenetic activity at once a commune an

976  
00:37:26,329 --> 00:37:24,960  
occult Lodge a chemical laboratory and a

977  
00:37:29,030 --> 00:37:26,339  
salon for some of the top science

978  
00:37:31,190 --> 00:37:29,040  
fiction writers of the day daily life on

979  
00:37:33,890 --> 00:37:31,200  
Orange Grove Boulevard was chaotic to

980  
00:37:35,690 --> 00:37:33,900  
say the least and his affluent Pasadena

981  
00:37:38,510 --> 00:37:35,700  
neighbors as I'm sure you can imagine

982  
00:37:40,370 --> 00:37:38,520  
were not amused after multiple

983  
00:37:42,950 --> 00:37:40,380  
allegations of the home being the site

984  
00:37:45,410 --> 00:37:42,960  
of a black magic cult allegations which

985  
00:37:47,510 --> 00:37:45,420  
were to be fair more or less true both

986  
00:37:50,930 --> 00:37:47,520  
the Pasadena Police Department and the

987  
00:37:52,730 --> 00:37:50,940  
FBI opened investigations into the lodge

988  
00:37:54,290 --> 00:37:52,740

although they failed to find evidence

989

00:37:56,510 --> 00:37:54,300

that the lodge was a threat to National

990

00:37:59,030 --> 00:37:56,520

Security the Mansion was still

991

00:38:01,910 --> 00:37:59,040

undoubtedly the site of all manner of

992

00:38:04,010 --> 00:38:01,920

immoral and illegal activity for his

993

00:38:05,630 --> 00:38:04,020

part Parsons at this point had fallen

994

00:38:08,030 --> 00:38:05,640

deep into a well of debauchery and

995

00:38:10,550 --> 00:38:08,040

self-destruction having long been a

996

00:38:12,589 --> 00:38:10,560

heavy user of alcohol and marijuana he

997

00:38:14,990 --> 00:38:12,599

had begun to habitually use cocaine

998

00:38:16,750 --> 00:38:15,000

amphetamines peyote mescaline and

999

00:38:18,710 --> 00:38:16,760

opiates as well

1000

00:38:21,109 --> 00:38:18,720

unsurprisingly in light of his

1001  
00:38:23,210 --> 00:38:21,119  
extracurricular activities Parsons work

1002  
00:38:26,150 --> 00:38:23,220  
began to suffer and he began to show up

1003  
00:38:28,130 --> 00:38:26,160  
to work hungover and out of sorts that

1004  
00:38:30,890 --> 00:38:28,140  
paired with his increasingly eccentric

1005  
00:38:33,349 --> 00:38:30,900  
Behavior his deteriorating reputation in

1006  
00:38:35,870 --> 00:38:33,359  
the community his alleged complete lack

1007  
00:38:37,670 --> 00:38:35,880  
of regard for workplace safety and his

1008  
00:38:39,410 --> 00:38:37,680  
propensity for sleeping with literally

1009  
00:38:40,790 --> 00:38:39,420  
whomever he wanted including the

1010  
00:38:43,609 --> 00:38:40,800  
partners of his colleagues and Friends

1011  
00:38:47,750 --> 00:38:43,619  
led to Parsons being expelled from JPL

1012  
00:38:50,390 --> 00:38:47,760  
and Aerojet in 1944. from there things

1013  
00:38:52,790 --> 00:38:50,400

only got more bizarre for Parsons he

1014

00:38:54,470 --> 00:38:52,800

began to rent rooms to non-thalamites at

1015

00:38:57,109 --> 00:38:54,480

his Mansion which had become known as

1016

00:38:59,630 --> 00:38:57,119

the parsonage he placed ads in the local

1017

00:39:02,630 --> 00:38:59,640

paper specifying that quote only

1018

00:39:04,970 --> 00:39:02,640

Bohemians artists musicians atheists

1019

00:39:07,370 --> 00:39:04,980

anarchists or any other exotic types

1020

00:39:09,349 --> 00:39:07,380

need apply it was around this time that

1021

00:39:11,750 --> 00:39:09,359

U.S Navy officer and science fiction

1022

00:39:14,690 --> 00:39:11,760

writer L Ron Hubbard moved into the

1023

00:39:16,430 --> 00:39:14,700

parsonage yes that elrond Hubbard

1024

00:39:19,130 --> 00:39:16,440

Hubbard and Parsons quickly became

1025

00:39:20,810 --> 00:39:19,140

became Fast Friends Parsons was so taken

1026

00:39:22,910 --> 00:39:20,820

with Hubbard that he soon wrote to

1027

00:39:25,970 --> 00:39:22,920

Crowley that although Hubbard had quote

1028

00:39:27,829 --> 00:39:25,980

no formal training in Magic he has an

1029

00:39:30,109 --> 00:39:27,839

extraordinary amount of experience and

1030

00:39:32,569 --> 00:39:30,119

understanding in the field from some of

1031

00:39:35,450 --> 00:39:32,579

his experiences I deduce he is in direct

1032

00:39:37,310 --> 00:39:35,460

touch with some higher intelligence he

1033

00:39:39,710 --> 00:39:37,320

is the most thalamic person I have ever

1034

00:39:41,569 --> 00:39:39,720

met and is in complete Accord with our

1035

00:39:43,970 --> 00:39:41,579

own principles unquote

1036

00:39:45,589 --> 00:39:43,980

and as these principles included an

1037

00:39:48,410 --> 00:39:45,599

anarchist approach to sex and

1038

00:39:50,329 --> 00:39:48,420

relationships Parson's wife Sarah soon

1039

00:39:52,790 --> 00:39:50,339

found herself deeply enamored with

1040

00:39:54,710 --> 00:39:52,800

Hubbard which in turn caused Parsons to

1041

00:39:57,170 --> 00:39:54,720

become intensely jealous

1042

00:39:59,210 --> 00:39:57,180

he decided to overcome his jealousy and

1043

00:40:01,730 --> 00:39:59,220

seek a new partner through occult means

1044

00:40:04,430 --> 00:40:01,740

which involved an elaborate Sex Magic

1045

00:40:06,470 --> 00:40:04,440

Ritual in the Mojave Desert in which he

1046

00:40:07,790 --> 00:40:06,480

included Hubbard despite his jealousy

1047

00:40:09,530 --> 00:40:07,800

because he believed him to be

1048

00:40:10,970 --> 00:40:09,540

particularly sensitive to magical

1049

00:40:12,950 --> 00:40:10,980

phenomena

1050

00:40:15,589 --> 00:40:12,960

when he returned home after this ritual

1051  
00:40:17,810 --> 00:40:15,599  
he met a woman named Marjorie Cameron

1052  
00:40:20,089 --> 00:40:17,820  
who was visiting the parsonage and he

1053  
00:40:22,310 --> 00:40:20,099  
became convinced that she was The

1054  
00:40:24,290 --> 00:40:22,320  
Elemental Woman in manifestation of

1055  
00:40:26,390 --> 00:40:24,300  
Babylon that he had invoked through his

1056  
00:40:27,829 --> 00:40:26,400  
ritual in the desert and began a

1057  
00:40:29,569 --> 00:40:27,839  
relationship with her

1058  
00:40:31,730 --> 00:40:29,579  
he eventually had a falling out with

1059  
00:40:33,589 --> 00:40:31,740  
Hubbard and Sarah as the result of some

1060  
00:40:35,150 --> 00:40:33,599  
shady business dealings

1061  
00:40:37,790 --> 00:40:35,160  
the three of them started a company

1062  
00:40:40,010 --> 00:40:37,800  
together called Allied Enterprises and

1063  
00:40:42,170 --> 00:40:40,020

Parsons had invested his life savings of

1064

00:40:43,849 --> 00:40:42,180

around twenty thousand dollars the

1065

00:40:46,670 --> 00:40:43,859

equivalent of three hundred thousand

1066

00:40:48,349 --> 00:40:46,680

dollars today into the Venture Hubbard

1067

00:40:50,510 --> 00:40:48,359

convinced Parsons that they should use

1068

00:40:52,130 --> 00:40:50,520

that money to travel to Miami to

1069

00:40:54,530 --> 00:40:52,140

purchase three Yachts which they would

1070

00:40:56,510 --> 00:40:54,540

then sail through the Panama Canal and

1071

00:40:59,390 --> 00:40:56,520

sell on the west coast for a profit

1072

00:41:01,430 --> 00:40:59,400

after being convinced by Crowley that

1073

00:41:03,109 --> 00:41:01,440

Hubbard had defrauded him Parsons

1074

00:41:04,970 --> 00:41:03,119

tracked the couple down in Miami Beach

1075

00:41:07,849 --> 00:41:04,980

where he discovered them with all three

1076

00:41:09,890 --> 00:41:07,859

yachts Hubbard and Sarah tried to flee

1077

00:41:12,230 --> 00:41:09,900

on one of the Yachts but whether it was

1078

00:41:14,870 --> 00:41:12,240

an act of magic or simply a striking

1079

00:41:16,910 --> 00:41:14,880

coincidence after Parsons performed a

1080

00:41:20,089 --> 00:41:16,920

ritual containing an invocation of

1081

00:41:22,130 --> 00:41:20,099

bartzabel a vengeful Spirit of Mars the

1082

00:41:23,750 --> 00:41:22,140

couple was hit with a Squall and forced

1083

00:41:26,030 --> 00:41:23,760

to return to Port

1084

00:41:27,890 --> 00:41:26,040

Allied Enterprises was dissolved and

1085

00:41:30,050 --> 00:41:27,900

Parsons eventually won a settlement in

1086

00:41:33,290 --> 00:41:30,060

court requiring Hubbard to reimburse him

1087

00:41:34,970 --> 00:41:33,300

however after the trial Parsons decided

1088

00:41:37,190 --> 00:41:34,980

not to take any further action to

1089

00:41:40,069 --> 00:41:37,200

collect the money after Sarah threatened

1090

00:41:41,270 --> 00:41:40,079

to report him for statutory rape charges

1091

00:41:42,770 --> 00:41:41,280

that she almost certainly could have

1092

00:41:44,450 --> 00:41:42,780

made stick considering that their

1093

00:41:46,790 --> 00:41:44,460

relationship had begun when she was

1094

00:41:48,770 --> 00:41:46,800

still a minor Hubbard went on to marry

1095

00:41:50,750 --> 00:41:48,780

Sarah despite still being married to his

1096

00:41:53,270 --> 00:41:50,760

first wife and eventually founded

1097

00:41:55,670 --> 00:41:53,280

Dianetics and Scientology

1098

00:41:57,589 --> 00:41:55,680

like I said I could literally fill a

1099

00:42:00,050 --> 00:41:57,599

book with dozens more equally crazy

1100

00:42:01,490 --> 00:42:00,060

Tales from the life of Jack Parsons but

1101

00:42:03,890 --> 00:42:01,500

we don't have time to get into all of

1102

00:42:05,690 --> 00:42:03,900

that today but suffice it to say that

1103

00:42:07,910 --> 00:42:05,700

his life didn't get less weird after

1104

00:42:09,770 --> 00:42:07,920

that and perhaps it's not surprising

1105

00:42:12,230 --> 00:42:09,780

that someone who packed so much life

1106

00:42:14,930 --> 00:42:12,240

into such a short period of time would

1107

00:42:17,870 --> 00:42:14,940

meet his end sooner than expected

1108

00:42:19,970 --> 00:42:17,880

by 1952 Parsons had lost his clearance

1109

00:42:21,470 --> 00:42:19,980

with the FBI effectively stopping him

1110

00:42:23,810 --> 00:42:21,480

from being able to continue his career

1111

00:42:25,490 --> 00:42:23,820

in rocketry to make a living He founded

1112

00:42:26,930 --> 00:42:25,500

the Parsons chemical manufacturing

1113

00:42:29,510 --> 00:42:26,940

company which was based in North

1114

00:42:31,430 --> 00:42:29,520

Hollywood and created pyrotechnics and

1115

00:42:33,230 --> 00:42:31,440

explosives such as fog effects and

1116

00:42:37,550 --> 00:42:33,240

imitation gunshot wounds for the film

1117

00:42:39,890 --> 00:42:37,560

industry on June 17 1952 Parsons

1118

00:42:41,990 --> 00:42:39,900

received a rush order of explosives for

1119

00:42:44,329 --> 00:42:42,000

a film set a day before he was set to

1120

00:42:46,910 --> 00:42:44,339

depart on a trip he rushed To Begin work

1121

00:42:49,609 --> 00:42:46,920

on it in his home laboratory soon after

1122

00:42:52,010 --> 00:42:49,619

an explosion destroyed the lower part of

1123

00:42:54,650 --> 00:42:52,020

the building Parsons was found still

1124

00:42:56,150 --> 00:42:54,660

alive but horrifically wounded and he

1125

00:42:58,550 --> 00:42:56,160

died a short time later

1126

00:43:00,950 --> 00:42:58,560

he was 37 years old

1127

00:43:02,870 --> 00:43:00,960

the investigation by the Pasadena Police

1128

00:43:04,970 --> 00:43:02,880

Department concluded that Parsons had

1129

00:43:06,530 --> 00:43:04,980

been mixing fulminate of mercury in a

1130

00:43:08,809 --> 00:43:06,540

coffee can when he dropped it on the

1131

00:43:10,970 --> 00:43:08,819

floor causing the initial explosion

1132

00:43:12,770 --> 00:43:10,980

which quickly escalated when it came

1133

00:43:14,750 --> 00:43:12,780

into contact with the other chemicals in

1134

00:43:16,370 --> 00:43:14,760

the room while some of his colleagues

1135

00:43:17,750 --> 00:43:16,380

thought that this explanation was likely

1136

00:43:20,329 --> 00:43:17,760

given some of his more Reckless

1137

00:43:22,430 --> 00:43:20,339

Tendencies others weren't convinced that

1138

00:43:23,990 --> 00:43:22,440

the explosion was an accident

1139

00:43:25,849 --> 00:43:24,000

some thought that there was evidence

1140

00:43:27,650 --> 00:43:25,859

that the explosion came from under the

1141

00:43:29,450 --> 00:43:27,660

floor where he was standing indicating

1142

00:43:31,270 --> 00:43:29,460

that his death may have been Foul Play

1143

00:43:33,650 --> 00:43:31,280

perhaps on the part of the government

1144

00:43:36,410 --> 00:43:33,660

and as if this story didn't have enough

1145

00:43:38,930 --> 00:43:36,420

notorious mid-century megalomaniacs in

1146

00:43:40,910 --> 00:43:38,940

it one of the other parties suspected of

1147

00:43:43,370 --> 00:43:40,920

having been behind the plot was none

1148

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

other than Howard Hughes who apparently

1149

00:43:47,809 --> 00:43:45,420

suspected Parsons of having stolen

1150

00:43:50,809 --> 00:43:47,819

sensitive documents from his company

1151

00:43:52,430 --> 00:43:50,819

there was other speculation as well some

1152

00:43:54,829 --> 00:43:52,440

thought that Parsons had killed himself

1153

00:43:57,230 --> 00:43:54,839

intentionally still others thought that

1154

00:43:59,390 --> 00:43:57,240

he had died while working a ritual to

1155

00:44:00,770 --> 00:43:59,400

this day his death has never been fully

1156

00:44:03,349 --> 00:44:00,780

explained

1157

00:44:06,410 --> 00:44:03,359

the legacy of Jack Parsons might be a

1158

00:44:08,210 --> 00:44:06,420

complicated one but it's not ambiguous

1159

00:44:10,609 --> 00:44:08,220

whatever his personal habits and

1160

00:44:12,470 --> 00:44:10,619

proclivities it's impossible to deny

1161

00:44:14,569 --> 00:44:12,480

that his contributions to the field of

1162

00:44:17,030 --> 00:44:14,579

rocket science were extraordinary

1163

00:44:19,849 --> 00:44:17,040

among many other notable accomplishments

1164

00:44:22,130 --> 00:44:19,859

he helped invent not only the solid fuel

1165

00:44:24,950 --> 00:44:22,140

rocket but he was also a Pioneer

1166

00:44:26,630 --> 00:44:24,960

developer of jet assisted takeoff both

1167

00:44:28,730 --> 00:44:26,640

of which were innovations that were key

1168

00:44:31,190 --> 00:44:28,740

to our eventual Journey to the Moon

1169

00:44:33,530 --> 00:44:31,200

and in a certain sense it would be easy

1170

00:44:35,150 --> 00:44:33,540

to Simply write Jack Parsons off as a

1171

00:44:37,490 --> 00:44:35,160

brilliant guy who fell in with the wrong

1172

00:44:40,010 --> 00:44:37,500

crowd partied a little too hard and flew

1173

00:44:41,870 --> 00:44:40,020

a little too close to the sun it's a

1174

00:44:44,030 --> 00:44:41,880

tidy unchallenging narrative that would

1175

00:44:45,650 --> 00:44:44,040

allow us to separate out his genius from

1176

00:44:46,849 --> 00:44:45,660

the parts of the story that are less

1177

00:44:48,650 --> 00:44:46,859

convenient

1178

00:44:51,170 --> 00:44:48,660

but it would also require that we

1179

00:44:53,290 --> 00:44:51,180

entirely ignore Parsons own perceptions

1180

00:44:56,450 --> 00:44:53,300

about his work and his occult practice

1181

00:44:58,849 --> 00:44:56,460

because to Parsons these things weren't

1182

00:45:01,430 --> 00:44:58,859

separate they were two sides of the same

1183

00:45:03,589 --> 00:45:01,440

coin like the science fiction that he

1184

00:45:05,390 --> 00:45:03,599

loved so dearly the things that occupied

1185

00:45:07,910 --> 00:45:05,400

his attention were all just different

1186

00:45:09,890 --> 00:45:07,920

modalities for both exploring the cosmos

1187

00:45:11,150 --> 00:45:09,900

and plumbing the depths of his own

1188

00:45:13,309 --> 00:45:11,160

potential

1189

00:45:15,710 --> 00:45:13,319

so what should we make of Parsons

1190

00:45:17,569 --> 00:45:15,720

there's a certain kind of Genius that

1191

00:45:19,730 --> 00:45:17,579

looks like Madness but does that mean

1192

00:45:21,770 --> 00:45:19,740

that Jack Parsons was crazy

1193

00:45:23,990 --> 00:45:21,780

quantum mechanics certainly seems to

1194

00:45:26,390 --> 00:45:24,000

imply an intrinsic subjectivity to our

1195

00:45:28,550 --> 00:45:26,400

reality could what we think of as magic

1196

00:45:30,530 --> 00:45:28,560

be a set of practices that can allow one

1197

00:45:32,990 --> 00:45:30,540

to better harness our inborn ability to

1198

00:45:35,690 --> 00:45:33,000

shape events and outcomes I don't know

1199

00:45:37,970 --> 00:45:35,700

but during rocket tests Parsons was

1200

00:45:41,210 --> 00:45:37,980

known to ecstatically recite Crowley's

1201  
00:45:43,910 --> 00:45:41,220  
poem him to pan a Greek god associated

1202  
00:45:46,609 --> 00:45:43,920  
with nature fertility music sexuality

1203  
00:45:48,890 --> 00:45:46,619  
and fear in a style that his colleagues

1204  
00:45:49,730 --> 00:45:48,900  
compared to the fiery preaching of Billy

1205  
00:45:52,370 --> 00:45:49,740  
Graham

1206  
00:45:55,130 --> 00:45:52,380  
the words of Crowley's poem are powerful

1207  
00:45:56,870 --> 00:45:55,140  
and evocative and I found myself taken

1208  
00:45:59,930 --> 00:45:56,880  
with the image of the dark-haired young

1209  
00:46:02,329 --> 00:45:59,940  
scientist out in the desert summoning a

1210  
00:46:04,370 --> 00:46:02,339  
long dead god with a combustible hubris

1211  
00:46:07,730 --> 00:46:04,380  
strong enough to Rend the very heavens

1212  
00:46:09,770 --> 00:46:07,740  
in two in his quest for the Stars

1213  
00:46:11,569 --> 00:46:09,780

I found this incredible rendition of the

1214

00:46:13,550 --> 00:46:11,579

him to pan on the son of a priest

1215

00:46:15,349 --> 00:46:13,560

YouTube channel which I will link to in

1216

00:46:16,970 --> 00:46:15,359

the episode description the Channel's

1217

00:46:22,130 --> 00:46:16,980

owner was kind enough to let me share it

1218

00:46:30,530 --> 00:46:25,970

thrill with lysome lust of the light oh

1219

00:46:32,470 --> 00:46:30,540

man my man come careering out of the

1220

00:46:38,569 --> 00:46:32,480

night of pan

1221

00:46:42,349 --> 00:46:38,579

Johan Johan Johan come over the sea from

1222

00:46:46,010 --> 00:46:42,359

Sicily and from arkady roaming as Backus

1223

00:46:49,730 --> 00:46:46,020

with thorns and pads and nymphs and

1224

00:46:53,930 --> 00:46:49,740

satiers for thy Gods on a milk-white ass

1225

00:46:57,130 --> 00:46:53,940

come over the sea to me to me

1226

00:47:01,190 --> 00:46:57,140

come with Apollo in bridal dress

1227

00:47:05,030 --> 00:47:01,200

shepherdes and python s come with

1228

00:47:08,210 --> 00:47:05,040

Artemis silken shot and washed thy white

1229

00:47:11,569 --> 00:47:08,220

thy beautiful God in the moon of the

1230

00:47:14,750 --> 00:47:11,579

woods on the marble Mount the dimpled

1231

00:47:15,829 --> 00:47:14,760

dawn of the Amber Amber fount

1232

00:47:18,829 --> 00:47:15,839

the purple

1233

00:47:23,030 --> 00:47:18,839

passionate prayer in the Crimson Shrine

1234

00:47:26,870 --> 00:47:23,040

the Scarlet snare the soul that startles

1235

00:47:30,410 --> 00:47:26,880

in eyes of blue to watch thy wantonness

1236

00:47:33,950 --> 00:47:30,420

weeping through the Tangled Grove the

1237

00:47:38,809 --> 00:47:33,960

gnarled bowl of the living tree that is

1238

00:47:44,750 --> 00:47:38,819

spirit and soul and oddy and brain come

1239

00:47:50,569 --> 00:47:44,760

over the sea yopan yopan devil or God to

1240

00:47:53,930 --> 00:47:50,579

me to me my man my man come with

1241

00:47:55,430 --> 00:47:53,940

trumpets sounding shrill over the hill

1242

00:48:09,410 --> 00:47:55,440

come

1243

00:48:12,829 --> 00:48:09,420

ripe I who wait and writhe and wrestle

1244

00:48:17,030 --> 00:48:12,839

with air that hath no boughs to Nestle

1245

00:48:21,010 --> 00:48:17,040

my body weary of Empty Glass strong as a

1246

00:48:27,770 --> 00:48:21,020

lion and sharp as an asp of

1247

00:48:31,790 --> 00:48:27,780

oh come I am numb with a lonely lust of

1248

00:48:36,069 --> 00:48:31,800

devil dumb thrust the sword through the

1249

00:48:40,550 --> 00:48:36,079

galling Fetter all Devourer

1250

00:48:44,750 --> 00:48:40,560

give me the sign of the Open Eye and the

1251  
00:48:48,470 --> 00:48:44,760  
token erects of thorny thigh and the

1252  
00:48:48,480 --> 00:48:55,690  
yo

1253  
00:49:05,060 --> 00:49:00,109  
I am

1254  
00:49:08,349 --> 00:49:05,070  
[Applause]

1255  
00:49:14,089 --> 00:49:10,430  
I am awake

1256  
00:49:17,930 --> 00:49:14,099  
the grip of the snake the eagle slashes

1257  
00:49:25,780 --> 00:49:17,940  
with Beacon claw the dots withdraw the

1258  
00:49:34,970 --> 00:49:27,740  
[Applause]

1259  
00:49:41,569 --> 00:49:38,329  
flock I am gold I

1260  
00:49:43,609 --> 00:49:41,579  
flesh to thy bone flower to thy rod with

1261  
00:49:46,190 --> 00:49:43,619  
Hooves and steel mine breaks on the

1262  
00:49:47,750 --> 00:49:46,200  
rocks through Solstice stubborn to

1263  
00:49:50,050 --> 00:49:47,760

Equinox

1264

00:49:53,410 --> 00:49:50,060

and I

1265

00:49:58,490 --> 00:49:53,420

rent Everlasting World Without End

1266

00:50:03,420 --> 00:49:58,500

mannequin Maiden mad man in the might of

1267

00:50:03,430 --> 00:50:07,630

[Applause]

1268

00:50:25,010 --> 00:50:10,010

[Music]

1269

00:50:29,510 --> 00:50:27,890

in many ways Jack Parsons represents a

1270

00:50:31,329 --> 00:50:29,520

distinctly American approach to the

1271

00:50:33,410 --> 00:50:31,339

occult one that is fiercely

1272

00:50:35,329 --> 00:50:33,420

individualistic and steeped in the punk

1273

00:50:37,790 --> 00:50:35,339

rock values of sex drugs and rock and

1274

00:50:39,650 --> 00:50:37,800

roll meanwhile on the other side of the

1275

00:50:41,089 --> 00:50:39,660

world occultists were also deeply

1276

00:50:43,790 --> 00:50:41,099

involved in shaping the early Space

1277

00:50:45,290 --> 00:50:43,800

Program of the Soviet Union but as you

1278

00:50:47,329 --> 00:50:45,300

might imagine the vastly different

1279

00:50:49,309 --> 00:50:47,339

cultural context in which it emerged

1280

00:50:51,410 --> 00:50:49,319

gave birth to an occultism of an

1281

00:50:54,349 --> 00:50:51,420

entirely different variety Russian

1282

00:50:57,109 --> 00:50:54,359

cosmism in his book The Russian cosmists

1283

00:50:59,510 --> 00:50:57,119

the esoteric futurism of Nikolai fedorov

1284

00:51:03,109 --> 00:50:59,520

and his followers Author George M young

1285

00:51:05,150 --> 00:51:03,119

describes Russian cosmism as quote a

1286

00:51:08,450 --> 00:51:05,160

highly controversial and oxymoronic

1287

00:51:10,510 --> 00:51:08,460

blend of activist speculation futuristic

1288

00:51:14,390 --> 00:51:10,520

traditionalism religious science

1289

00:51:17,930 --> 00:51:14,400

exoteric esotericism utopian pragmatism

1290

00:51:20,870 --> 00:51:17,940

idealistic imperialism higher magic

1291

00:51:23,329 --> 00:51:20,880

partnered to higher mathematics unquote

1292

00:51:24,710 --> 00:51:23,339

in many ways Russian cosmism is a

1293

00:51:27,710 --> 00:51:24,720

reflection of the culture of the people

1294

00:51:29,750 --> 00:51:27,720

themselves as philosopher nikolov

1295

00:51:32,809 --> 00:51:29,760

bairdev wrote in his book The Russian

1296

00:51:34,490 --> 00:51:32,819

idea two contradictory principles lay at

1297

00:51:37,670 --> 00:51:34,500

the foundation of the structure of the

1298

00:51:40,730 --> 00:51:37,680

Russian Soul the one a natural dionysian

1299

00:51:42,650 --> 00:51:40,740

Elemental paganism and the other acetic

1300

00:51:44,510 --> 00:51:42,660

monastic Orthodoxy

1301  
00:51:46,609 --> 00:51:44,520  
so what did the Russian Cosmos believe

1302  
00:51:48,890 --> 00:51:46,619  
exactly and how did it contribute to

1303  
00:51:50,750 --> 00:51:48,900  
Humanity's journey to space to

1304  
00:51:52,849 --> 00:51:50,760  
understand that we need to take a moment

1305  
00:51:54,410 --> 00:51:52,859  
to examine this complex philosophy

1306  
00:51:57,049 --> 00:51:54,420  
through the lens of the work of two

1307  
00:52:00,349 --> 00:51:57,059  
fathers of modern space travel Nikolai

1308  
00:52:02,510 --> 00:52:00,359  
fedorov and Constantine chalkovsky we'll

1309  
00:52:04,370 --> 00:52:02,520  
start with Nikolai fedorov a philosopher

1310  
00:52:06,710 --> 00:52:04,380  
regarded by many as the first of the

1311  
00:52:08,690 --> 00:52:06,720  
Russian cosmists although federov didn't

1312  
00:52:09,950 --> 00:52:08,700  
write any books in his lifetime due to

1313  
00:52:12,470 --> 00:52:09,960

his belief that books and ideas

1314

00:52:15,109 --> 00:52:12,480

shouldn't be owned and his few Works

1315

00:52:17,030 --> 00:52:15,119

were only published posthumously his

1316

00:52:19,150 --> 00:52:17,040

thinking had an outsized influence on

1317

00:52:21,470 --> 00:52:19,160

the shaping of Cosmos philosophy

1318

00:52:24,170 --> 00:52:21,480

federov's work came down to one core

1319

00:52:26,690 --> 00:52:24,180

idea that all known problems have a

1320

00:52:29,270 --> 00:52:26,700

single root in the problem of death and

1321

00:52:31,549 --> 00:52:29,280

that no solution to any social economic

1322

00:52:33,530 --> 00:52:31,559

political or philosophical problems will

1323

00:52:35,150 --> 00:52:33,540

prove adequate until we have solved the

1324

00:52:37,730 --> 00:52:35,160

problem of death

1325

00:52:40,490 --> 00:52:37,740

all philosophies federov wrote while

1326  
00:52:43,190 --> 00:52:40,500  
disagreeing about all else agree on one

1327  
00:52:46,010 --> 00:52:43,200  
thing they all recognize the reality of

1328  
00:52:48,230 --> 00:52:46,020  
death its inevitability even when

1329  
00:52:50,630 --> 00:52:48,240  
recognizing as some do nothing real in

1330  
00:52:53,030 --> 00:52:50,640  
the world the most skeptical systems

1331  
00:52:56,150 --> 00:52:53,040  
doubting even itself bowed down before

1332  
00:52:58,010 --> 00:52:56,160  
the fact and reality of death unquote

1333  
00:52:59,450 --> 00:52:58,020  
however according to fedorov the

1334  
00:53:01,910 --> 00:52:59,460  
inevitability of death doesn't

1335  
00:53:05,089 --> 00:53:01,920  
necessarily need to be so inevitable

1336  
00:53:07,370 --> 00:53:05,099  
death is a condition he wrote but not

1337  
00:53:10,849 --> 00:53:07,380  
equality without which man ceases to be

1338  
00:53:13,490 --> 00:53:10,859

what he is and what he ought to be and

1339

00:53:15,650 --> 00:53:13,500

it's that very idea of what a man is and

1340

00:53:18,710 --> 00:53:15,660

what he ought to be that is core to the

1341

00:53:21,589 --> 00:53:18,720

philosophy of federov in his view what a

1342

00:53:23,569 --> 00:53:21,599

human is is Immortal in what he or she

1343

00:53:25,670 --> 00:53:23,579

ought to be is engaged in the active

1344

00:53:28,010 --> 00:53:25,680

pursuit of immortality for themselves

1345

00:53:30,230 --> 00:53:28,020

and their fellow human beings

1346

00:53:32,089 --> 00:53:30,240

an interesting side note in many ways

1347

00:53:34,250 --> 00:53:32,099

what you find in fedorov's belief system

1348

00:53:36,349 --> 00:53:34,260

is the roots of the modern day futurism

1349

00:53:38,630 --> 00:53:36,359

and transhumanism that is embraced by

1350

00:53:41,329 --> 00:53:38,640

biohacking Tech billionaires and their

1351  
00:53:43,069 --> 00:53:41,339  
breathless followers today when asked

1352  
00:53:44,930 --> 00:53:43,079  
directly some of the richest and most

1353  
00:53:46,609 --> 00:53:44,940  
powerful people in the world will tell

1354  
00:53:49,370 --> 00:53:46,619  
you that they think that theirs might be

1355  
00:53:51,109 --> 00:53:49,380  
the first generation not to die whether

1356  
00:53:54,049 --> 00:53:51,119  
that's wishful thinking or not remains

1357  
00:53:55,910 --> 00:53:54,059  
to be seen according to fedorov there

1358  
00:53:58,430 --> 00:53:55,920  
are two reasons for death and both of

1359  
00:54:00,410 --> 00:53:58,440  
these reasons come down to entropy on

1360  
00:54:02,930 --> 00:54:00,420  
the one hand there is entropy inside the

1361  
00:54:05,030 --> 00:54:02,940  
human body that leads to death internal

1362  
00:54:06,650 --> 00:54:05,040  
organ systems break down over time and

1363  
00:54:08,690 --> 00:54:06,660

become disorganized through the process

1364

00:54:09,650 --> 00:54:08,700

of Aging until life is no longer

1365

00:54:11,809 --> 00:54:09,660

possible

1366

00:54:13,609 --> 00:54:11,819

on the other hand there is also an

1367

00:54:15,730 --> 00:54:13,619

unpredictability to the events outside

1368

00:54:18,230 --> 00:54:15,740

of the body such as weather phenomena

1369

00:54:20,690 --> 00:54:18,240

federov believed that man might achieve

1370

00:54:23,030 --> 00:54:20,700

immortality by introducing will and

1371

00:54:24,170 --> 00:54:23,040

reason into nature to counteract these

1372

00:54:26,510 --> 00:54:24,180

forces

1373

00:54:29,450 --> 00:54:26,520

but in order to do this the human being

1374

00:54:32,290 --> 00:54:29,460

must be perfected according to federov

1375

00:54:35,150 --> 00:54:32,300

this meant evolving into a self-creating

1376

00:54:37,430 --> 00:54:35,160

mind-controlled form capable of infinite

1377

00:54:39,770 --> 00:54:37,440

renewal which is immortal

1378

00:54:41,870 --> 00:54:39,780

he envisioned a superhuman future for

1379

00:54:43,910 --> 00:54:41,880

Humanity where the perfected human form

1380

00:54:46,790 --> 00:54:43,920

could self-direct itself to accomplish

1381

00:54:48,829 --> 00:54:46,800

any task from flight to seeing through

1382

00:54:49,910 --> 00:54:48,839

walls to surviving the harsh conditions

1383

00:54:52,609 --> 00:54:49,920

of space

1384

00:54:55,309 --> 00:54:52,619

these bodies would also finally manifest

1385

00:54:57,170 --> 00:54:55,319

Humanity's true Immortal Nature by

1386

00:54:59,270 --> 00:54:57,180

constantly regenerating itself at the

1387

00:55:01,910 --> 00:54:59,280

cellular level including creating new

1388

00:55:03,770 --> 00:55:01,920

organs if necessary and developing new

1389

00:55:06,109 --> 00:55:03,780

modes of energy exchange that would

1390

00:55:08,630 --> 00:55:06,119

allow itself to self-feed indefinitely

1391

00:55:11,089 --> 00:55:08,640

something like a plant that is also its

1392

00:55:12,890 --> 00:55:11,099

own greenhouse and watering system in

1393

00:55:15,349 --> 00:55:12,900

federov's worldview then space

1394

00:55:17,569 --> 00:55:15,359

exploration isn't just a fun option for

1395

00:55:20,089 --> 00:55:17,579

Humanity to be undertaken simply out of

1396

00:55:22,309 --> 00:55:20,099

curiosity or a desire for Conquest

1397

00:55:24,410 --> 00:55:22,319

rather it should be pursued as an

1398

00:55:26,210 --> 00:55:24,420

ultimate end in itself to assure the

1399

00:55:27,410 --> 00:55:26,220

Triumph of Life over death for all of

1400

00:55:29,030 --> 00:55:27,420

humanity

1401

00:55:31,370 --> 00:55:29,040

fedorov's thinking was hugely

1402

00:55:32,930 --> 00:55:31,380

influential not just on Russian cosmist

1403

00:55:35,329 --> 00:55:32,940

philosophy but on many of the

1404

00:55:36,950 --> 00:55:35,339

forefathers of the Soviet space program

1405

00:55:39,049 --> 00:55:36,960

one of the most notable of these

1406

00:55:42,349 --> 00:55:39,059

forefathers was early rocket scientist

1407

00:55:44,450 --> 00:55:42,359

Constantine chalkovsky Tchaikovsky had

1408

00:55:46,010 --> 00:55:44,460

frequent and direct contact with federov

1409

00:55:47,870 --> 00:55:46,020

over a three-year period when

1410

00:55:49,670 --> 00:55:47,880

Tchaikovsky visited the library where

1411

00:55:51,410 --> 00:55:49,680

fedorov was working and while

1412

00:55:53,990 --> 00:55:51,420

Tchaikovsky's thinking undoubtedly

1413

00:55:55,790 --> 00:55:54,000

pulled from a variety of sources the

1414

00:55:58,370 --> 00:55:55,800

influence that federov had on him is

1415

00:56:00,349 --> 00:55:58,380

apparent what's most remarkable about

1416

00:56:02,210 --> 00:56:00,359

Tchaikovsky's work is how much of it

1417

00:56:05,030 --> 00:56:02,220

feels almost prophetic

1418

00:56:07,910 --> 00:56:05,040

though jokowsky died in 1935 at the age

1419

00:56:10,670 --> 00:56:07,920

of 78 a full quarter of a century before

1420

00:56:13,609 --> 00:56:10,680

Soviet Cosmonaut Yuri Gagarin became the

1421

00:56:15,410 --> 00:56:13,619

first man in space he conceived of many

1422

00:56:17,750 --> 00:56:15,420

of the necessary components of modern

1423

00:56:20,150 --> 00:56:17,760

space flight at a time when these ideas

1424

00:56:21,410 --> 00:56:20,160

were considered to be at best science

1425

00:56:23,690 --> 00:56:21,420

fiction

1426  
00:56:26,089 --> 00:56:23,700  
he wrote more than 400 Works including

1427  
00:56:28,910 --> 00:56:26,099  
approximately 90 published pieces on

1428  
00:56:30,829 --> 00:56:28,920  
space travel and related subjects among

1429  
00:56:33,530 --> 00:56:30,839  
his works are designs for Rockets with

1430  
00:56:36,349 --> 00:56:33,540  
steering thrusters multi-stage boosters

1431  
00:56:38,170 --> 00:56:36,359  
space stations airlocks for exiting a

1432  
00:56:41,030 --> 00:56:38,180  
spaceship into the vacuum of space

1433  
00:56:42,710 --> 00:56:41,040  
enclosed cycle biological systems to

1434  
00:56:45,410 --> 00:56:42,720  
provide food and oxygen for space

1435  
00:56:47,270 --> 00:56:45,420  
colonies among chalkovsky's published

1436  
00:56:49,970 --> 00:56:47,280  
Works were many works of fiction as well

1437  
00:56:51,530 --> 00:56:49,980  
he had a gift not just for quantifying

1438  
00:56:53,690 --> 00:56:51,540

space travel through mathematical

1439

00:56:55,609 --> 00:56:53,700

equations but for translating his

1440

00:56:58,069 --> 00:56:55,619

enthusiasm for the topic in such a way

1441

00:56:59,630 --> 00:56:58,079

as to popularize the very idea of space

1442

00:57:02,089 --> 00:56:59,640

travel itself

1443

00:57:04,370 --> 00:57:02,099

many of the future Russian cosmonauts

1444

00:57:06,470 --> 00:57:04,380

including the first man in space Yuri

1445

00:57:08,809 --> 00:57:06,480

Gagarin were Avid readers of

1446

00:57:10,609 --> 00:57:08,819

chilkovsky's work as children inspiring

1447

00:57:11,870 --> 00:57:10,619

them to pursue their future career as

1448

00:57:14,390 --> 00:57:11,880

adults

1449

00:57:16,670 --> 00:57:14,400

however according to Tchaikovsky all of

1450

00:57:18,290 --> 00:57:16,680

his work concerning space travel and his

1451  
00:57:20,750 --> 00:57:18,300  
development of the theory of rocketry

1452  
00:57:23,270 --> 00:57:20,760  
was merely supplemental to his

1453  
00:57:25,069 --> 00:57:23,280  
philosophical research on these subjects

1454  
00:57:27,470 --> 00:57:25,079  
one of the central ideas of his

1455  
00:57:30,890 --> 00:57:27,480  
philosophy is that life and spirit are

1456  
00:57:33,470 --> 00:57:30,900  
present in all matter he wrote quote I

1457  
00:57:36,349 --> 00:57:33,480  
am not only a materialist but also a pan

1458  
00:57:38,750 --> 00:57:36,359  
psychist recognizing the sensitivity of

1459  
00:57:40,910 --> 00:57:38,760  
the entire universe I consider this

1460  
00:57:43,730 --> 00:57:40,920  
characteristic to be Inseparable from

1461  
00:57:45,530 --> 00:57:43,740  
matter everything is alive but with the

1462  
00:57:47,390 --> 00:57:45,540  
condition that we consider living only

1463  
00:57:49,670 --> 00:57:47,400

that which possesses a sufficiently

1464

00:57:51,650 --> 00:57:49,680

strong sense of feeling since everything

1465

00:57:53,870 --> 00:57:51,660

that is matter can under favorable

1466

00:57:56,569 --> 00:57:53,880

circumstances convert to an organic

1467

00:57:58,849 --> 00:57:56,579

State then we can conditionally say that

1468

00:58:00,549 --> 00:57:58,859

inorganic matter is potentially living

1469

00:58:02,990 --> 00:58:00,559

unquote

1470

00:58:06,410 --> 00:58:03,000

jokowsky saw the universe as being both

1471

00:58:08,210 --> 00:58:06,420

rationally organized and hierarchical on

1472

00:58:10,370 --> 00:58:08,220

the Bottom Rung of this hierarchy are

1473

00:58:13,190 --> 00:58:10,380

lower life forms consisting mainly of

1474

00:58:15,170 --> 00:58:13,200

matter in which spirit is dormant these

1475

00:58:17,270 --> 00:58:15,180

life forms eventually evolve into higher

1476

00:58:19,790 --> 00:58:17,280

ones in which spirit is awakened and

1477

00:58:21,950 --> 00:58:19,800

more dominant at the highest levels of

1478

00:58:25,309 --> 00:58:21,960

evolution as a being reaches Perfection

1479

00:58:27,430 --> 00:58:25,319

we outgrow our corporeal meat sacks and

1480

00:58:29,450 --> 00:58:27,440

become beings of light and energy

1481

00:58:31,910 --> 00:58:29,460

chalkovsky believed that we are made of

1482

00:58:34,010 --> 00:58:31,920

the same Adam Spirits as ethereal beings

1483

00:58:36,650 --> 00:58:34,020

that exist beyond our Dimension like

1484

00:58:38,569 --> 00:58:36,660

Angels gods and ascended masters

1485

00:58:40,430 --> 00:58:38,579

he further believed that these higher

1486

00:58:43,069 --> 00:58:40,440

beings are in constant communication

1487

00:58:45,349 --> 00:58:43,079

with us reading our thoughts and sending

1488

00:58:47,630 --> 00:58:45,359

us messages through Celestial symbols

1489

00:58:49,069 --> 00:58:47,640

which most of us don't perceive much

1490

00:58:51,950 --> 00:58:49,079

less understand

1491

00:58:53,930 --> 00:58:51,960

for Tchaikovsky a genius is a person who

1492

00:58:55,789 --> 00:58:53,940

is capable of comprehending and

1493

00:58:57,829 --> 00:58:55,799

channeling these messages from higher

1494

00:59:00,349 --> 00:58:57,839

beings and translating them into Earthly

1495

00:59:02,809 --> 00:59:00,359

projects like the poet who hears the

1496

00:59:04,970 --> 00:59:02,819

muses or the inspired inventor who turns

1497

00:59:06,410 --> 00:59:04,980

a dreamed universal symbol into a useful

1498

00:59:08,510 --> 00:59:06,420

object

1499

00:59:10,549 --> 00:59:08,520

I want to pause here for a moment to

1500

00:59:12,890 --> 00:59:10,559

acknowledge that there is a dark side to

1501  
00:59:14,450 --> 00:59:12,900  
chalkovsky's worldview and it's a thread

1502  
00:59:16,190 --> 00:59:14,460  
that you unfortunately find woven

1503  
00:59:18,890 --> 00:59:16,200  
throughout many of the branches of a

1504  
00:59:21,770 --> 00:59:18,900  
called an esoteric thinking within the

1505  
00:59:23,569 --> 00:59:21,780  
ideal of the self-perfecting human is a

1506  
00:59:25,670 --> 00:59:23,579  
slippery slope that can lead to the

1507  
00:59:28,309 --> 00:59:25,680  
horrific belief that human evolution

1508  
00:59:29,930 --> 00:59:28,319  
requires the elimination of or weeding

1509  
00:59:31,910 --> 00:59:29,940  
out of those of us who are somehow

1510  
00:59:34,069 --> 00:59:31,920  
deemed to be defective

1511  
00:59:35,930 --> 00:59:34,079  
we only have to look back at the rise of

1512  
00:59:37,849 --> 00:59:35,940  
Nazi Germany to understand how

1513  
00:59:39,890 --> 00:59:37,859

profoundly dangerous and how terribly

1514

00:59:42,230 --> 00:59:39,900

inhumane that belief is

1515

00:59:43,670 --> 00:59:42,240

in fact there are those that argue that

1516

00:59:46,370 --> 00:59:43,680

due to the prevalence of that sort of

1517

00:59:48,470 --> 00:59:46,380

belief system within esotericism that

1518

00:59:51,349 --> 00:59:48,480

the occult is an inherently hateful

1519

00:59:53,569 --> 00:59:51,359

ideology and while I don't agree with

1520

00:59:55,309 --> 00:59:53,579

that perspective I can't deny that there

1521

00:59:57,530 --> 00:59:55,319

is a certain danger there

1522

00:59:59,690 --> 00:59:57,540

it's my opinion that the vast Pantheon

1523

01:00:01,789 --> 00:59:59,700

of occult beliefs and practices are far

1524

01:00:04,549 --> 01:00:01,799

too varied and nuanced to be inherently

1525

01:00:06,950 --> 01:00:04,559

any one thing and I'd argue that

1526

01:00:09,109 --> 01:00:06,960

philosophical models like any tool can

1527

01:00:10,910 --> 01:00:09,119

be used for good or for evil depending

1528

01:00:13,069 --> 01:00:10,920

on who's wielding them

1529

01:00:15,049 --> 01:00:13,079

still I think it's important to be aware

1530

01:00:17,630 --> 01:00:15,059

of the dangers and pitfalls of certain

1531

01:00:19,849 --> 01:00:17,640

belief systems particularly those that

1532

01:00:21,470 --> 01:00:19,859

have been used to justify Mass violence

1533

01:00:23,990 --> 01:00:21,480

against human beings

1534

01:00:27,230 --> 01:00:24,000

in general the ideologies to watch out

1535

01:00:29,329 --> 01:00:27,240

for are any that one time moral

1536

01:00:31,329 --> 01:00:29,339

superiority to genetics or to any

1537

01:00:34,250 --> 01:00:31,339

particular physical traits or abilities

1538

01:00:35,809 --> 01:00:34,260

two that hold social hierarchies to be

1539

01:00:37,609 --> 01:00:35,819

both naturally occurring and

1540

01:00:39,530 --> 01:00:37,619

intrinsically Fair structures whereby

1541

01:00:42,829 --> 01:00:39,540

the morally Superior rule over the

1542

01:00:44,870 --> 01:00:42,839

morally inferior or three that put any

1543

01:00:47,329 --> 01:00:44,880

one person or group of people in charge

1544

01:00:49,609 --> 01:00:47,339

of the spiritual development of another

1545

01:00:51,950 --> 01:00:49,619

I found that as long as you were mindful

1546

01:00:53,809 --> 01:00:51,960

to keep those ideas at arm's length it

1547

01:00:55,789 --> 01:00:53,819

becomes easy to navigate some of these

1548

01:00:57,770 --> 01:00:55,799

stickier occult Concepts without

1549

01:01:00,950 --> 01:00:57,780

straying from the road of decency and

1550

01:01:02,809 --> 01:01:00,960

compassion for one's fellow human beings

1551

01:01:04,730 --> 01:01:02,819

so now that we've taken a tour of the

1552

01:01:06,410 --> 01:01:04,740

occult practices and philosophies of

1553

01:01:07,970 --> 01:01:06,420

some of the most influential figures of

1554

01:01:10,730 --> 01:01:07,980

the early space programs of the United

1555

01:01:13,670 --> 01:01:10,740

States and the Soviet Union what are we

1556

01:01:15,230 --> 01:01:13,680

to make of it all if I'm being honest I

1557

01:01:15,950 --> 01:01:15,240

don't really know what to do with all of

1558

01:01:17,870 --> 01:01:15,960

this

1559

01:01:19,910 --> 01:01:17,880

as a skeptical rational person

1560

01:01:21,890 --> 01:01:19,920

approaching this subject the nuts and

1561

01:01:24,049 --> 01:01:21,900

bolts of the UFO phenomenon is usually

1562

01:01:26,510 --> 01:01:24,059

where you start it's certainly where I

1563

01:01:28,849 --> 01:01:26,520

started I mean the government says UFOs

1564

01:01:30,410 --> 01:01:28,859

are real highly trained members of our

1565

01:01:32,150 --> 01:01:30,420

military are seeing them all the time

1566

01:01:34,010 --> 01:01:32,160

and some of these sightings have been

1567

01:01:36,710 --> 01:01:34,020

verified by multiple Witnesses and

1568

01:01:38,569 --> 01:01:36,720

highly Advanced tracking systems that's

1569

01:01:40,849 --> 01:01:38,579

something that just about anyone can get

1570

01:01:43,789 --> 01:01:40,859

their head around they are craft of some

1571

01:01:46,010 --> 01:01:43,799

kind they're technology super advanced

1572

01:01:48,250 --> 01:01:46,020

technology but technology all the same

1573

01:01:50,930 --> 01:01:48,260

these are Concepts that we understand

1574

01:01:53,510 --> 01:01:50,940

but the problem is that once you start

1575

01:01:55,250 --> 01:01:53,520

really diving into this topic you

1576

01:01:57,770 --> 01:01:55,260

immediately recognize that where the

1577

01:01:59,690 --> 01:01:57,780

rubber meets the road by which I mean in

1578

01:02:02,930 --> 01:01:59,700

the cases of contact between the UFO

1579

01:02:05,410 --> 01:02:02,940

phenomenon and real people nothing about

1580

01:02:08,210 --> 01:02:05,420

these experiences appears to be rational

1581

01:02:09,829 --> 01:02:08,220

even things like time and cause and

1582

01:02:11,410 --> 01:02:09,839

effect seem to break down in the

1583

01:02:14,510 --> 01:02:11,420

presence of whatever these things are

1584

01:02:17,030 --> 01:02:14,520

there is a strange quality about the UFO

1585

01:02:20,930 --> 01:02:17,040

phenomenon it is somehow both there and

1586

01:02:23,510 --> 01:02:20,940

not there and yet UFOs are at least some

1587

01:02:25,309 --> 01:02:23,520

of them undeniably some form of

1588

01:02:27,589 --> 01:02:25,319

technology that falls outside of our

1589

01:02:29,390 --> 01:02:27,599

current technological Paradigm with

1590

01:02:32,569 --> 01:02:29,400

craft that can in the case of the

1591

01:02:35,030 --> 01:02:32,579

infamous Tic Tac travel 80 000 feet in

1592

01:02:36,829 --> 01:02:35,040

less than a second it's not a stretch to

1593

01:02:38,030 --> 01:02:36,839

assume that this technology G is the

1594

01:02:40,730 --> 01:02:38,040

product of a highly advanced

1595

01:02:43,010 --> 01:02:40,740

intelligence Health the craft themselves

1596

01:02:45,049 --> 01:02:43,020

might be that intelligence we simply

1597

01:02:46,970 --> 01:02:45,059

don't know the only thing that this

1598

01:02:50,030 --> 01:02:46,980

phenomenon ever seems to bother to make

1599

01:02:51,890 --> 01:02:50,040

clear is that we are not alone and there

1600

01:02:53,510 --> 01:02:51,900

is a weird cognitive dissonance that

1601  
01:02:56,270 --> 01:02:53,520  
comes at the point when you begin to

1602  
01:02:58,970 --> 01:02:56,280  
really internalize that reality that we

1603  
01:03:00,950 --> 01:02:58,980  
are not alone because if an advanced

1604  
01:03:03,349 --> 01:03:00,960  
intelligence is interacting with our

1605  
01:03:06,410 --> 01:03:03,359  
military they almost certainly aren't

1606  
01:03:07,910 --> 01:03:06,420  
interacting only with our military and

1607  
01:03:10,549 --> 01:03:07,920  
if they are interacting with everyday

1608  
01:03:11,990 --> 01:03:10,559  
people then we have to assume that at

1609  
01:03:13,970 --> 01:03:12,000  
least some portion of the bizarre

1610  
01:03:16,490 --> 01:03:13,980  
accounts that people give of those types

1611  
01:03:19,010 --> 01:03:16,500  
of interactions are true

1612  
01:03:21,890 --> 01:03:19,020  
but people who hear voices and see

1613  
01:03:24,349 --> 01:03:21,900

strange entities are crazy right it's a

1614

01:03:27,230 --> 01:03:24,359

reflexive response the stigma against

1615

01:03:29,150 --> 01:03:27,240

any form of anomalous experience runs so

1616

01:03:31,190 --> 01:03:29,160

deep in our culture that it can be

1617

01:03:33,589 --> 01:03:31,200

difficult for even the most independent

1618

01:03:36,230 --> 01:03:33,599

thinkers to approach the idea that some

1619

01:03:38,210 --> 01:03:36,240

so-called crazy people might not

1620

01:03:39,530 --> 01:03:38,220

actually be crazy for fear of people

1621

01:03:41,870 --> 01:03:39,540

thinking that they have gone crazy

1622

01:03:44,089 --> 01:03:41,880

themselves we're powerfully

1623

01:03:46,309 --> 01:03:44,099

disincentivized to even consider such

1624

01:03:48,589 --> 01:03:46,319

thoughts so many of us who have never

1625

01:03:51,589 --> 01:03:48,599

had such an experience ourselves simply

1626

01:03:53,569 --> 01:03:51,599

don't I mean why would we but in the

1627

01:03:55,970 --> 01:03:53,579

case of Jack Parsons and Constantine

1628

01:03:58,609 --> 01:03:55,980

chalkovsky these claims are particularly

1629

01:04:00,650 --> 01:03:58,619

difficult to ignore both men believe

1630

01:04:03,410 --> 01:04:00,660

themselves to be in communication with

1631

01:04:05,930 --> 01:04:03,420

non-human intelligences and this belief

1632

01:04:07,910 --> 01:04:05,940

not only fueled their work it informed

1633

01:04:09,770 --> 01:04:07,920

it and you could write them off as

1634

01:04:11,930 --> 01:04:09,780

Baddie you could fairly claim that

1635

01:04:13,549 --> 01:04:11,940

Parsons did way too many drugs you can

1636

01:04:15,349 --> 01:04:13,559

point out what a crazy time it was

1637

01:04:16,430 --> 01:04:15,359

ontologically speaking and that the

1638

01:04:18,829 --> 01:04:16,440

lines between science and science

1639

01:04:20,750 --> 01:04:18,839

science fiction were blurred you can

1640

01:04:23,030 --> 01:04:20,760

doubt them and discredit them in a

1641

01:04:24,950 --> 01:04:23,040

thousand different ways but the reality

1642

01:04:26,990 --> 01:04:24,960

is that without their work we never

1643

01:04:29,150 --> 01:04:27,000

would have made it to the moon their

1644

01:04:31,730 --> 01:04:29,160

insights and breakthroughs took us to

1645

01:04:34,190 --> 01:04:31,740

space I mean it's literally rocket

1646

01:04:37,069 --> 01:04:34,200

science nothing about it was easy or

1647

01:04:38,930 --> 01:04:37,079

intuitive or inevitable and so even the

1648

01:04:41,630 --> 01:04:38,940

most skeptical Among Us has to ask

1649

01:04:44,089 --> 01:04:41,640

themselves how crazy these men really

1650

01:04:46,970 --> 01:04:44,099

could have been and if they weren't

1651  
01:04:48,650 --> 01:04:46,980  
crazy could it really be possible that a

1652  
01:04:50,089 --> 01:04:48,660  
non-human intelligence guided our

1653  
01:04:53,030 --> 01:04:50,099  
journey to space

1654  
01:04:54,950 --> 01:04:53,040  
and even more remarkably could there

1655  
01:04:56,990 --> 01:04:54,960  
still be a legacy of this kind of

1656  
01:04:58,490 --> 01:04:57,000  
contact going on in the space program

1657  
01:05:01,430 --> 01:04:58,500  
today

1658  
01:05:04,309 --> 01:05:01,440  
it turns out that there is and it's not

1659  
01:05:06,470 --> 01:05:04,319  
just isolated to the space program as Dr

1660  
01:05:09,289 --> 01:05:06,480  
Diana Welsh pasulka revealed in her

1661  
01:05:12,049 --> 01:05:09,299  
phenomenal Book American Cosmic UFOs

1662  
01:05:14,089 --> 01:05:12,059  
religion technology these sorts of

1663  
01:05:16,370 --> 01:05:14,099

experience or scientists can often be

1664

01:05:18,530 --> 01:05:16,380

found at the bleeding edge of futuristic

1665

01:05:20,809 --> 01:05:18,540

Fields like Aeronautics and biotech

1666

01:05:23,270 --> 01:05:20,819

these likely are not names that you know

1667

01:05:25,430 --> 01:05:23,280

or will ever hear these people tend to

1668

01:05:27,349 --> 01:05:25,440

be intensely private are bound by

1669

01:05:29,089 --> 01:05:27,359

multiple government clearances and ndas

1670

01:05:30,890 --> 01:05:29,099

and usually have enough money from their

1671

01:05:32,809 --> 01:05:30,900

dozens of Highly lucrative patents and

1672

01:05:35,870 --> 01:05:32,819

business ventures that they can afford

1673

01:05:37,609 --> 01:05:35,880

to fly under the radar in short this is

1674

01:05:39,950 --> 01:05:37,619

not a group of people that is easy to

1675

01:05:42,770 --> 01:05:39,960

find but in her research for her book on

1676

01:05:45,530 --> 01:05:42,780

UFOs Diana found them

1677

01:05:47,930 --> 01:05:45,540

we last discussed Dr pasilka's American

1678

01:05:50,809 --> 01:05:47,940

Cosmic in episode 11 when we were

1679

01:05:52,370 --> 01:05:50,819

exploring the emergence of UFO lore we

1680

01:05:54,289 --> 01:05:52,380

only just scratched the surface of the

1681

01:05:56,510 --> 01:05:54,299

book in that episode so I'm excited to

1682

01:05:58,490 --> 01:05:56,520

dive into it more here because one of

1683

01:06:01,069 --> 01:05:58,500

the most compelling aspects of American

1684

01:06:03,410 --> 01:06:01,079

Cosmic is Diana's description of forming

1685

01:06:05,450 --> 01:06:03,420

a friendship with two such experience or

1686

01:06:08,030 --> 01:06:05,460

scientists to whom she gave the

1687

01:06:09,950 --> 01:06:08,040

pseudonyms James and Tyler

1688

01:06:12,410 --> 01:06:09,960

although James and Tyler had never met

1689

01:06:14,690 --> 01:06:12,420

before Diana introduced them the two men

1690

01:06:16,130 --> 01:06:14,700

had a lot in common both men were

1691

01:06:18,650 --> 01:06:16,140

scientists at the very top of their

1692

01:06:20,809 --> 01:06:18,660

fields defying the stereotypes both

1693

01:06:23,630 --> 01:06:20,819

drove fancy sports cars funded by their

1694

01:06:26,150 --> 01:06:23,640

work and most significantly both men

1695

01:06:27,770 --> 01:06:26,160

were experiencers of the phenomenon who

1696

01:06:29,990 --> 01:06:27,780

believed that their work was in some way

1697

01:06:31,370 --> 01:06:30,000

Guided by contact with a non-human

1698

01:06:33,529 --> 01:06:31,380

intelligence

1699

01:06:35,690 --> 01:06:33,539

James and Tyler were both members of

1700

01:06:39,049 --> 01:06:35,700

what Jay Ellen heineck of Project Blue

1701

01:06:40,970 --> 01:06:39,059

Book Fame termed the invisible College a

1702

01:06:42,770 --> 01:06:40,980

small secretive group of scientists and

1703

01:06:44,809 --> 01:06:42,780

researchers who study the phenomenon

1704

01:06:46,549 --> 01:06:44,819

behind closed doors of some of our most

1705

01:06:47,930 --> 01:06:46,559

elite scientific and academic

1706

01:06:50,630 --> 01:06:47,940

institutions

1707

01:06:53,450 --> 01:06:50,640

and both men were also what Diana termed

1708

01:06:55,670 --> 01:06:53,460

meta experiencers or scientists who are

1709

01:06:57,589 --> 01:06:55,680

interested in what experiencers see and

1710

01:06:59,690 --> 01:06:57,599

how they see it and then use that data

1711

01:07:01,849 --> 01:06:59,700

to inform their work with these two

1712

01:07:03,770 --> 01:07:01,859

contacts Diana quickly found herself on

1713

01:07:05,750 --> 01:07:03,780

the other side of the Looking Glass

1714

01:07:07,370 --> 01:07:05,760

as an academic and someone who is

1715

01:07:09,829 --> 01:07:07,380

entirely skeptical about the UFO

1716

01:07:11,450 --> 01:07:09,839

phenomenon before beginning her work she

1717

01:07:13,910 --> 01:07:11,460

found herself in the surprising position

1718

01:07:16,730 --> 01:07:13,920

of being confronted with the reality of

1719

01:07:19,010 --> 01:07:16,740

two people who weren't just sane but

1720

01:07:22,130 --> 01:07:19,020

generationally brilliant and who were

1721

01:07:24,650 --> 01:07:22,140

making extraordinary claims and to back

1722

01:07:26,809 --> 01:07:24,660

up these claims they each had decades

1723

01:07:29,510 --> 01:07:26,819

worth of surprising breakthroughs in

1724

01:07:31,010 --> 01:07:29,520

Paradigm breaking patents startling in

1725

01:07:33,529 --> 01:07:31,020

both their breadth and level of

1726

01:07:36,410 --> 01:07:33,539

innovation their respective bodies of

1727

01:07:37,970 --> 01:07:36,420

work save lives cure diseases and

1728

01:07:39,589 --> 01:07:37,980

stretch the very limits of human

1729

01:07:41,990 --> 01:07:39,599

potential

1730

01:07:44,270 --> 01:07:42,000

and lest you doubt the credentials of

1731

01:07:46,430 --> 01:07:44,280

these gentlemen it's worth noting that

1732

01:07:48,109 --> 01:07:46,440

James has since outed himself and is

1733

01:07:51,109 --> 01:07:48,119

actually none other than the

1734

01:07:52,609 --> 01:07:51,119

distinguished Dr Gary Nolan who holds

1735

01:07:54,770 --> 01:07:52,619

the Ratchford and Carlotta a Harris

1736

01:07:56,690 --> 01:07:54,780

Professor endowed chair in the

1737

01:07:59,870 --> 01:07:56,700

department of pathology at Stanford

1738

01:08:02,809 --> 01:07:59,880

University School of Medicine Dr Nolan

1739

01:08:04,609 --> 01:08:02,819

is an immunologist academic inventor and

1740

01:08:07,089 --> 01:08:04,619

entrepreneur who is founded and sold

1741

01:08:10,609 --> 01:08:07,099

multiple biotech companies in his career

1742

01:08:13,970 --> 01:08:10,619

in short he could not be more legit

1743

01:08:15,950 --> 01:08:13,980

except for Tyler Tyler is one of the

1744

01:08:18,769 --> 01:08:15,960

very few people who one might consider

1745

01:08:20,689 --> 01:08:18,779

to be more legit although his identity

1746

01:08:22,309 --> 01:08:20,699

hasn't been revealed Tyler has been

1747

01:08:24,530 --> 01:08:22,319

involved in the space program for

1748

01:08:26,689 --> 01:08:24,540

decades and his involvement with both

1749

01:08:29,090 --> 01:08:26,699

the exploration of space and the

1750

01:08:31,550 --> 01:08:29,100

phenomenon have taken him to places of

1751

01:08:33,769 --> 01:08:31,560

which few can dream and his story arc

1752

01:08:35,570 --> 01:08:33,779

within American Cosmic provides a

1753

01:08:37,689 --> 01:08:35,580

compelling case study of the potential

1754

01:08:40,570 --> 01:08:37,699

involvement of non-human intelligence

1755

01:08:43,189 --> 01:08:40,580

within the United States Space Program

1756

01:08:45,530 --> 01:08:43,199

one of the most fascinating parts of

1757

01:08:47,510 --> 01:08:45,540

Diana's accounts of Tyler is that she

1758

01:08:50,090 --> 01:08:47,520

was able to find and meet him at all

1759

01:08:52,130 --> 01:08:50,100

like I said these people tend to be

1760

01:08:54,229 --> 01:08:52,140

intensely private and Tyler was no

1761

01:08:56,450 --> 01:08:54,239

different so the fact that Diana was

1762

01:08:58,849 --> 01:08:56,460

able to find him meant that he wanted to

1763

01:09:01,249 --> 01:08:58,859

be found at least by someone like her

1764

01:09:02,990 --> 01:09:01,259

when Diana asked him why it was that he

1765

01:09:05,450 --> 01:09:03,000

agreed to talk to her a religious

1766

01:09:08,689 --> 01:09:05,460

studies Professor Tyler's answer was

1767

01:09:10,550 --> 01:09:08,699

surprising he said I have mentors in the

1768

01:09:12,590 --> 01:09:10,560

space program one of them who was now

1769

01:09:14,870 --> 01:09:12,600

now retired explained that the next

1770

01:09:17,570 --> 01:09:14,880

Discovery in my field is going to come

1771

01:09:19,070 --> 01:09:17,580

from your field I am at the limit of

1772

01:09:21,470 --> 01:09:19,080

understanding what I can from a

1773

01:09:23,990 --> 01:09:21,480

materialist perspective my mentor

1774

01:09:26,090 --> 01:09:24,000

explained that mysticism religion and

1775

01:09:27,470 --> 01:09:26,100

Consciousness is where I need to go to

1776

01:09:29,990 --> 01:09:27,480

learn what's next

1777

01:09:31,970 --> 01:09:30,000

as she got to know Tyler A Narrative of

1778

01:09:33,530 --> 01:09:31,980

his life began to emerge

1779

01:09:35,510 --> 01:09:33,540

one of the biggest turning points for

1780

01:09:37,189 --> 01:09:35,520

Tyler was witnessing the death of his

1781

01:09:39,590 --> 01:09:37,199

dear friend and colleague the beautiful

1782

01:09:42,890 --> 01:09:39,600

astronaut Judith Resnick in the

1783

01:09:44,510 --> 01:09:42,900

Challenger explosion in 1986. although

1784

01:09:46,189 --> 01:09:44,520

many others who were gathered to watch

1785

01:09:48,709 --> 01:09:46,199

the launch were initially in denial

1786

01:09:50,450 --> 01:09:48,719

about what happened Tyler said that he

1787

01:09:53,269 --> 01:09:50,460

immediately knew that his friend was

1788

01:09:55,669 --> 01:09:53,279

gone and experienced immense grief

1789

01:09:58,970 --> 01:09:55,679

distraught by the loss Tyler found

1790

01:10:00,410 --> 01:09:58,980

comfort in Carl Sagan's book Cosmos he

1791

01:10:02,630 --> 01:10:00,420

found himself thinking more and more

1792

01:10:05,090 --> 01:10:02,640

deeply about technology that he believed

1793

01:10:07,070 --> 01:10:05,100

to be just over the horizon that would

1794

01:10:09,650 --> 01:10:07,080

far exceed that of the space shuttles

1795

01:10:10,729 --> 01:10:09,660

and allow humans to truly venture to the

1796

01:10:13,250 --> 01:10:10,739

Stars

1797

01:10:15,410 --> 01:10:13,260

despite his new Fascination he knew that

1798

01:10:17,150 --> 01:10:15,420

he needed to leave the space program the

1799

01:10:18,950 --> 01:10:17,160

trauma of the incident seemed to be too

1800

01:10:21,229 --> 01:10:18,960

much and Tyler felt that it was time to

1801  
01:10:22,910 --> 01:10:21,239  
move on as he was considering this at

1802  
01:10:24,649 --> 01:10:22,920  
work one day a general came into his

1803  
01:10:26,209 --> 01:10:24,659  
office requesting proposals for

1804  
01:10:27,890 --> 01:10:26,219  
experiments that would be run on the

1805  
01:10:30,350 --> 01:10:27,900  
space shuttle Columbia

1806  
01:10:32,390 --> 01:10:30,360  
as this General was speaking Tyler

1807  
01:10:34,310 --> 01:10:32,400  
suddenly had what he called a memory

1808  
01:10:37,070 --> 01:10:34,320  
about this experiment that had not yet

1809  
01:10:39,169 --> 01:10:37,080  
been performed and somehow he knew that

1810  
01:10:41,570 --> 01:10:39,179  
if it was performed that this experiment

1811  
01:10:44,030 --> 01:10:41,580  
would work the experiment was to test

1812  
01:10:46,490 --> 01:10:44,040  
whether or not a non-charged material

1813  
01:10:48,530 --> 01:10:46,500

could speak with a Charged material and

1814

01:10:50,450 --> 01:10:48,540

he could only be tested in space

1815

01:10:52,070 --> 01:10:50,460

it took some convincing and getting a

1816

01:10:53,870 --> 01:10:52,080

professor to sign on to the experiment

1817

01:10:55,610 --> 01:10:53,880

for Tyler to convince the general that

1818

01:10:58,189 --> 01:10:55,620

it should be done because Tyler didn't

1819

01:10:59,870 --> 01:10:58,199

have a PhD but the experiment was

1820

01:11:02,390 --> 01:10:59,880

eventually performed on the space

1821

01:11:04,850 --> 01:11:02,400

shuttle and it went exactly as Tyler had

1822

01:11:06,350 --> 01:11:04,860

anticipated a few days after the

1823

01:11:08,990 --> 01:11:06,360

experiment Tyler was called to

1824

01:11:12,110 --> 01:11:09,000

Washington DC he thought to receive an

1825

01:11:14,209 --> 01:11:12,120

award but instead he was interrogated by

1826

01:11:16,729 --> 01:11:14,219

a two-star general who demanded to know

1827

01:11:18,830 --> 01:11:16,739

where he got the idea for the experiment

1828

01:11:20,870 --> 01:11:18,840

Tyler had to tell him the truth that it

1829

01:11:23,450 --> 01:11:20,880

was a memory the general eventually

1830

01:11:25,250 --> 01:11:23,460

believed him recognizing both the

1831

01:11:27,350 --> 01:11:25,260

business potential and the potential to

1832

01:11:28,610 --> 01:11:27,360

do good that was presented by his new

1833

01:11:30,830 --> 01:11:28,620

memories

1834

01:11:33,050 --> 01:11:30,840

Tyler started a new company with a few

1835

01:11:35,149 --> 01:11:33,060

of his associates pursuing biomedical

1836

01:11:36,950 --> 01:11:35,159

applications for the ideas that came to

1837

01:11:39,050 --> 01:11:36,960

him through this new gift

1838

01:11:41,450 --> 01:11:39,060

he was quickly churning out new patents

1839

01:11:43,430 --> 01:11:41,460

and sold his first biomedical company to

1840

01:11:45,350 --> 01:11:43,440

a public corporation for an undisclosed

1841

01:11:46,970 --> 01:11:45,360

amount of money but enough that he could

1842

01:11:49,310 --> 01:11:46,980

have easily retired

1843

01:11:51,050 --> 01:11:49,320

it was then that a combination of fate

1844

01:11:53,630 --> 01:11:51,060

and boredom led him back to the space

1845

01:11:55,250 --> 01:11:53,640

program but this time it was a very

1846

01:11:57,410 --> 01:11:55,260

different scenario

1847

01:11:59,330 --> 01:11:57,420

by this time Tyler had come to believe

1848

01:12:01,310 --> 01:11:59,340

that he was connected to a source that

1849

01:12:03,530 --> 01:12:01,320

was part of an off-planet intelligence

1850

01:12:05,090 --> 01:12:03,540

and had been since shortly after the

1851  
01:12:07,370 --> 01:12:05,100  
Challenger explosion

1852  
01:12:09,290 --> 01:12:07,380  
it was to this non-human intelligence

1853  
01:12:11,750 --> 01:12:09,300  
that he attributed the success of his

1854  
01:12:14,390 --> 01:12:11,760  
company and he maintained a strict set

1855  
01:12:15,770 --> 01:12:14,400  
of protocols to help facilitate ongoing

1856  
01:12:18,110 --> 01:12:15,780  
communication

1857  
01:12:20,090 --> 01:12:18,120  
once back in the program Tyler told

1858  
01:12:22,430 --> 01:12:20,100  
Diana that he believed that he was

1859  
01:12:24,410 --> 01:12:22,440  
intentionally exposed to something that

1860  
01:12:26,330 --> 01:12:24,420  
Zapped him with energy and somehow used

1861  
01:12:28,970 --> 01:12:26,340  
frequencies to change the way that he

1862  
01:12:30,350 --> 01:12:28,980  
thought whatever it was it seemed to

1863  
01:12:33,229 --> 01:12:30,360

increase his ability to access

1864

01:12:35,570 --> 01:12:33,239

information from this intelligence

1865

01:12:37,430 --> 01:12:35,580

he couldn't go into many details but he

1866

01:12:39,350 --> 01:12:37,440

claimed that in his work he was often

1867

01:12:41,570 --> 01:12:39,360

interfacing directly with the phenomenon

1868

01:12:43,729 --> 01:12:41,580

he said that he didn't know who chose

1869

01:12:45,649 --> 01:12:43,739

him for these strange jobs that his own

1870

01:12:48,830 --> 01:12:45,659

boss didn't even really know what he did

1871

01:12:51,050 --> 01:12:48,840

and that he suspected that they as in

1872

01:12:53,630 --> 01:12:51,060

the off-world intelligence Were Somehow

1873

01:12:56,330 --> 01:12:53,640

involved in directing his activities

1874

01:12:59,450 --> 01:12:56,340

and yes it would be easy to write off

1875

01:13:01,250 --> 01:12:59,460

Tyler as crazy a man driven to some kind

1876

01:13:02,090 --> 01:13:01,260

of a psychotic break by a traumatic

1877

01:13:04,970 --> 01:13:02,100

event

1878

01:13:07,070 --> 01:13:04,980

except for the patents the technology

1879

01:13:10,070 --> 01:13:07,080

that Tyler claims to channel is

1880

01:13:12,350 --> 01:13:10,080

strikingly futuristic one example Diana

1881

01:13:14,090 --> 01:13:12,360

gives in the book is of a material that

1882

01:13:16,910 --> 01:13:14,100

has been etched at the molecular level

1883

01:13:18,709 --> 01:13:16,920

with information the etching codes the

1884

01:13:21,770 --> 01:13:18,719

material with information that human

1885

01:13:23,930 --> 01:13:21,780

bone reads as itself it is then

1886

01:13:26,030 --> 01:13:23,940

incorporated into disease tissue and

1887

01:13:28,610 --> 01:13:26,040

Bone which helps the body recuperate

1888

01:13:31,189 --> 01:13:28,620

from cancer and other illnesses

1889

01:13:33,229 --> 01:13:31,199

and if the story ended right there it

1890

01:13:35,149 --> 01:13:33,239

would be a stunning Tale But it's what

1891

01:13:36,950 --> 01:13:35,159

happens to Tyler at the end of American

1892

01:13:39,470 --> 01:13:36,960

Cosmic that is perhaps the most

1893

01:13:41,030 --> 01:13:39,480

compelling part of his story but if you

1894

01:13:42,770 --> 01:13:41,040

want to hear more about that you'll have

1895

01:13:44,630 --> 01:13:42,780

to read the book you can find the link

1896

01:13:47,149 --> 01:13:44,640

in the episode description

1897

01:13:48,890 --> 01:13:47,159

I do however want to Circle back quickly

1898

01:13:50,870 --> 01:13:48,900

to talk about the protocols that I

1899

01:13:52,550 --> 01:13:50,880

mentioned which Tyler uses that he

1900

01:13:53,930 --> 01:13:52,560

believes helps to facilitate his

1901

01:13:56,570 --> 01:13:53,940

communication with the off-world

1902

01:13:58,430 --> 01:13:56,580

intelligences that guide his work these

1903

01:14:00,350 --> 01:13:58,440

Protocols are both cognitive and

1904

01:14:02,209 --> 01:14:00,360

physiological in nature and they are a

1905

01:14:04,130 --> 01:14:02,219

part of his everyday practice

1906

01:14:06,709 --> 01:14:04,140

one of the most important of these is

1907

01:14:08,930 --> 01:14:06,719

sleep Tyler had participated in studies

1908

01:14:11,630 --> 01:14:08,940

about astronauts and sleep and he used

1909

01:14:13,729 --> 01:14:11,640

that information to inform his protocols

1910

01:14:15,590 --> 01:14:13,739

Tyler makes a point of getting a lot of

1911

01:14:17,630 --> 01:14:15,600

sleep specifically he sleeps for eight

1912

01:14:20,090 --> 01:14:17,640

hours wakes up and then goes back to

1913

01:14:22,250 --> 01:14:20,100

sleep for one more hour when he wakes up

1914

01:14:24,770 --> 01:14:22,260

he gets a big glass of water and goes

1915

01:14:26,570 --> 01:14:24,780

outside to drink it in the sun sun is

1916

01:14:29,510 --> 01:14:26,580

also very important to Tyler Because he

1917

01:14:31,310 --> 01:14:29,520

believes it recharges his cells he tends

1918

01:14:33,770 --> 01:14:31,320

to spend most of his work day working

1919

01:14:35,630 --> 01:14:33,780

outside on his porch in the Sun

1920

01:14:37,430 --> 01:14:35,640

Tyler is also meticulous about

1921

01:14:40,370 --> 01:14:37,440

maintaining a rigorous schedule of

1922

01:14:42,770 --> 01:14:40,380

exercise including intense yoga he eats

1923

01:14:45,290 --> 01:14:42,780

very clean he doesn't watch television

1924

01:14:46,850 --> 01:14:45,300

and he avoids caffeine and alcohol

1925

01:14:49,130 --> 01:14:46,860

I was lucky enough to take a couple of

1926

01:14:50,570 --> 01:14:49,140

classes over the summer from Dr pasulka

1927

01:14:52,970 --> 01:14:50,580

and it's clear that she is fascinated

1928

01:14:55,189 --> 01:14:52,980

with these protocols and I can see why

1929

01:14:57,350 --> 01:14:55,199

with her background in religious studies

1930

01:14:58,850 --> 01:14:57,360

she was able to quickly identify a

1931

01:14:59,810 --> 01:14:58,860

pattern that other people might have

1932

01:15:01,970 --> 01:14:59,820

missed

1933

01:15:03,770 --> 01:15:01,980

specifically she saw the profound

1934

01:15:05,930 --> 01:15:03,780

similarities between these sorts of

1935

01:15:08,030 --> 01:15:05,940

protocols and the devotions practiced by

1936

01:15:09,890 --> 01:15:08,040

members of certain religious orders

1937

01:15:11,750 --> 01:15:09,900

but she also recognized through her

1938

01:15:13,669 --> 01:15:11,760

encounters with James and Tyler that

1939

01:15:15,649 --> 01:15:13,679

these same practices are used by

1940

01:15:18,709 --> 01:15:15,659

communities of what she referred to as

1941

01:15:21,290 --> 01:15:18,719

extremely effective people across a wide

1942

01:15:23,689 --> 01:15:21,300

variety of fields and disciplines

1943

01:15:26,270 --> 01:15:23,699

these communities include Elite military

1944

01:15:28,930 --> 01:15:26,280

and Special Forces certain members of

1945

01:15:31,250 --> 01:15:28,940

the Vatican who occupy special positions

1946

01:15:34,070 --> 01:15:31,260

extremely creative types like artists

1947

01:15:35,930 --> 01:15:34,080

and musicians as well as top scientists

1948

01:15:37,490 --> 01:15:35,940

like James and Tyler who claim to

1949

01:15:39,229 --> 01:15:37,500

download information from outside

1950

01:15:41,810 --> 01:15:39,239

intelligences

1951

01:15:43,610 --> 01:15:41,820

and all of this is fascinating because

1952

01:15:46,490 --> 01:15:43,620

like all of the other stories we've

1953

01:15:48,290 --> 01:15:46,500

explored today it implies not only that

1954

01:15:50,390 --> 01:15:48,300

it might be possible for humans to

1955

01:15:52,310 --> 01:15:50,400

access and communicate with a non-local

1956

01:15:54,590 --> 01:15:52,320

non-human intelligence

1957

01:15:56,870 --> 01:15:54,600

but it suggests that it's a skill that

1958

01:15:58,430 --> 01:15:56,880

one might be able to cultivate it's

1959

01:16:00,649 --> 01:15:58,440

something that you can learn how to do

1960

01:16:02,090 --> 01:16:00,659

and then get better at and that's

1961

01:16:04,850 --> 01:16:02,100

exciting

1962

01:16:06,950 --> 01:16:04,860

so where does all of this leave us will

1963

01:16:09,590 --> 01:16:06,960

for one it leaves us with a lot of

1964

01:16:12,169 --> 01:16:09,600

questions are scientists on the bleeding

1965

01:16:14,270 --> 01:16:12,179

edge of technological innovation really

1966

01:16:17,270 --> 01:16:14,280

communicating with and being Guided by

1967

01:16:19,090 --> 01:16:17,280

off-world intelligences and if so what

1968

01:16:21,649 --> 01:16:19,100

is the mechanism by which this happens

1969

01:16:23,149 --> 01:16:21,659

and who are they and what are their

1970

01:16:25,729 --> 01:16:23,159

motivations for helping us in this

1971

01:16:27,110 --> 01:16:25,739

manner and if these people aren't really

1972

01:16:29,750 --> 01:16:27,120

communicating with off-world

1973

01:16:32,270 --> 01:16:29,760

intelligences then what exactly is going

1974

01:16:34,189 --> 01:16:32,280

on here what are these phenomena that

1975

01:16:36,110 --> 01:16:34,199

they are experiencing that seem to be so

1976

01:16:38,330 --> 01:16:36,120

closely tied to their scientific output

1977

01:16:40,910 --> 01:16:38,340

are they accessing something like

1978

01:16:42,530 --> 01:16:40,920

Young's Collective unconscious is this

1979

01:16:43,970 --> 01:16:42,540

simply some built-in feature of

1980

01:16:46,070 --> 01:16:43,980

Consciousness meant to trigger our

1981

01:16:48,050 --> 01:16:46,080

continued forward progress

1982

01:16:50,090 --> 01:16:48,060

what this line of questioning leads us

1983

01:16:52,610 --> 01:16:50,100

to like so much else in the realm of

1984

01:16:54,410 --> 01:16:52,620

UFOs and high strangeness is the

1985

01:16:56,630 --> 01:16:54,420

unsettling realization that something

1986

01:16:59,390 --> 01:16:56,640

about our fundamental models of reality

1987

01:17:01,370 --> 01:16:59,400

must be wrong when so many supposedly

1988

01:17:03,890 --> 01:17:01,380

impossible things are happening to

1989

01:17:06,709 --> 01:17:03,900

otherwise intelligent rational credible

1990

01:17:08,630 --> 01:17:06,719

human beings at what point do we finally

1991

01:17:11,330 --> 01:17:08,640

need to concede that the models that we

1992

01:17:12,290 --> 01:17:11,340

use to judge what is possible must be

1993

01:17:14,149 --> 01:17:12,300

wrong

1994

01:17:16,550 --> 01:17:14,159

I'd argue that we're there and that

1995

01:17:18,169 --> 01:17:16,560

we've been there for a while and some of

1996

01:17:20,270 --> 01:17:18,179

the top Minds in the field of physics

1997

01:17:22,550 --> 01:17:20,280

and Consciousness are already working on

1998

01:17:24,530 --> 01:17:22,560

new models of reality that might make

1999

01:17:26,990 --> 01:17:24,540

room for and explain the impossible

2000

01:17:29,090 --> 01:17:27,000

things that happen every day

2001

01:17:31,669 --> 01:17:29,100

and that's what we'll be discussing in

2002

01:17:34,010 --> 01:17:31,679

the next regular episode but before that

2003

01:17:36,050 --> 01:17:34,020

in the next week or so I'll be releasing

2004

01:17:39,050 --> 01:17:36,060

an in-depth interview with none other

2005

01:17:41,630 --> 01:17:39,060

than Dr Diana Walsh fisulka for a deeper

2006

01:17:43,669 --> 01:17:41,640

dive into this topic and her work I

2007

01:17:49,710 --> 01:17:43,679

can't wait to share that with you

2008

01:17:49,720 --> 01:18:07,010

[Music]