



IYA WHITELEY

“Observation is Data:
Trusting and Learning from
Pilots”



1
00:00:04,210 --> 00:00:30,130
[Music]

2
00:00:35,950 --> 00:00:32,900
[Applause]

3
00:00:39,229 --> 00:00:35,960
[Music]

4
00:00:40,190 --> 00:00:39,239
okay so the first slide when it will

5
00:00:43,069 --> 00:00:40,200
come

6
00:00:47,350 --> 00:00:43,079
up is from Space

7
00:00:49,590 --> 00:00:47,360
Odyssey 2001 and uh as the film begins

8
00:00:53,510 --> 00:00:49,600
you probably remember the titles where

9
00:00:56,310 --> 00:00:53,520
it says that um there has been an

10
00:00:57,310 --> 00:00:56,320
accident and there was an encounter with

11
00:03:45,630 --> 00:00:57,320
a

12
00:03:47,710 --> 00:03:45,640
of life some of it you don't even

13
00:03:50,550 --> 00:03:47,720

understand that it exists there but as

14

00:03:54,509 --> 00:03:50,560

soon as because it's sometimes too scary

15

00:03:57,429 --> 00:03:54,519

to dive into into its depth because um

16

00:03:59,910 --> 00:03:57,439

we feel very alone once we are

17

00:04:02,350 --> 00:03:59,920

confronted with some of our deepest

18

00:04:05,470 --> 00:04:02,360

fears or even positive emotions that we

19

00:04:07,470 --> 00:04:05,480

don't know how to compartment

20

00:04:10,750 --> 00:04:07,480

compartmentalize so here I wanted to

21

00:04:12,589 --> 00:04:10,760

just to say of what examples were uh the

22

00:04:15,190 --> 00:04:12,599

scientists and medical professionals

23

00:04:17,870 --> 00:04:15,200

thoughts their phenomena was actually in

24

00:04:20,550 --> 00:04:17,880

our human imagination but in fact these

25

00:04:23,670 --> 00:04:20,560

were real experiences and

26
00:04:26,670 --> 00:04:23,680
until people connected and talked about

27
00:04:29,990 --> 00:04:26,680
it um they thought they were alone in

28
00:04:33,189 --> 00:04:30,000
that and we know well I know that um

29
00:04:34,189 --> 00:04:33,199
astronauts uh especially um have such a

30
00:04:37,350 --> 00:04:34,199
unique

31
00:04:40,230 --> 00:04:37,360
profession and they they treasure the

32
00:04:43,150 --> 00:04:40,240
possibility of actually working in space

33
00:04:45,310 --> 00:04:43,160
and they But the irony is although

34
00:04:48,590 --> 00:04:45,320
they're called astronauts they spend in

35
00:04:51,070 --> 00:04:48,600
space just you know up to 5% of their

36
00:04:53,629 --> 00:04:51,080
entire professional career so they

37
00:04:58,189 --> 00:04:53,639
actually very much Earthbound so they

38
00:05:03,270 --> 00:04:58,199

will not do anything to compromise that

39

00:05:05,990 --> 00:05:03,280

possibility so they will um process uh

40

00:05:09,350 --> 00:05:06,000

and protect the Integrity that might not

41

00:05:12,950 --> 00:05:09,360

get them uh on flight they will even

42

00:05:14,550 --> 00:05:12,960

conjure documents and there are some um

43

00:05:16,590 --> 00:05:14,560

personal books that you can buy

44

00:05:19,830 --> 00:05:16,600

autobiographers where they say that

45

00:05:22,870 --> 00:05:19,840

they've forged documents in order to

46

00:05:24,870 --> 00:05:22,880

actually not have um be removed from

47

00:05:26,469 --> 00:05:24,880

flight because obviously I mean they're

48

00:05:31,110 --> 00:05:26,479

conscious of safety so they wouldn't

49

00:05:33,189 --> 00:05:31,120

compromise the mission but um so and

50

00:05:35,629 --> 00:05:33,199

being confronted with a psychologist you

51
00:05:36,710 --> 00:05:35,639
know such as myself who may um and and

52
00:05:38,550 --> 00:05:36,720
there's always two groups of

53
00:05:41,469 --> 00:05:38,560
psychologists who work with astronauts

54
00:05:44,150 --> 00:05:41,479
ones who work in training and those who

55
00:05:47,430 --> 00:05:44,160
are doing medical assessment so as not

56
00:05:48,590 --> 00:05:47,440
to compromise the the support that uh in

57
00:05:51,189 --> 00:05:48,600
order to support the enhanced

58
00:05:53,950 --> 00:05:51,199
performance and also those who evaluate

59
00:05:56,350 --> 00:05:53,960
or um evaluate in selection or medical

60
00:05:59,230 --> 00:05:56,360
committee they are separate so it's not

61
00:06:01,749 --> 00:05:59,240
to have a conflict of interest um and so

62
00:06:03,790 --> 00:06:01,759
in this case um Pilots or sorry

63
00:06:06,029 --> 00:06:03,800

astronauts were experiencing

64

00:06:09,270 --> 00:06:06,039

flashes and these flashes were not in

65

00:06:12,189 --> 00:06:09,280

the visual field but they could see them

66

00:06:14,790 --> 00:06:12,199

so this was um and they were not talking

67

00:06:17,189 --> 00:06:14,800

about it because you know you you don't

68

00:06:21,110 --> 00:06:17,199

want see you don't want to be seeing

69

00:06:23,510 --> 00:06:21,120

Stars just like from space odyssey right

70

00:06:26,749 --> 00:06:23,520

um and because then you might be removed

71

00:06:29,749 --> 00:06:26,759

from flight so they kept this until they

72

00:06:32,909 --> 00:06:29,759

were able to share among themselves and

73

00:06:35,309 --> 00:06:32,919

once they shared among themselves they

74

00:06:36,950 --> 00:06:35,319

felt you know they can't take them all

75

00:06:39,909 --> 00:06:36,960

of them off the flight if they're all

76

00:06:43,550 --> 00:06:39,919

experiencing this phenomena right so

77

00:06:45,110 --> 00:06:43,560

there is a power in numbers um and so

78

00:06:46,909 --> 00:06:45,120

and then what was interesting is that

79

00:06:48,309 --> 00:06:46,919

although their experience was similar

80

00:06:51,550 --> 00:06:48,319

they were experiencing slightly

81

00:06:55,309 --> 00:06:51,560

different things so they would see this

82

00:06:57,589 --> 00:06:55,319

Sparks and uh streaks or stars or even

83

00:07:00,230 --> 00:06:57,599

clouds whether they have their eyes open

84

00:07:02,350 --> 00:07:00,240

or closed and then once got to a medical

85

00:07:05,550 --> 00:07:02,360

once there was data and there was way to

86

00:07:09,029 --> 00:07:05,560

look into into brainstorm with a larger

87

00:07:11,390 --> 00:07:09,039

medical and um you know physicists and

88

00:07:13,909 --> 00:07:11,400

um understanding what the phenomena is

89

00:07:16,189 --> 00:07:13,919

then it was classified and then was no

90

00:07:18,070 --> 00:07:16,199

longer a phenomena that they imagined

91

00:07:20,830 --> 00:07:18,080

you know or or could have been something

92

00:07:22,909 --> 00:07:20,840

wrong with them so I have been fortunate

93

00:07:25,189 --> 00:07:22,919

actually to work with um or have

94

00:07:26,790 --> 00:07:25,199

communicated with Al Warden who who was

95

00:07:30,350 --> 00:07:26,800

the AP poo 15

96

00:07:34,790 --> 00:07:30,360

commander and um you would see that they

97

00:07:38,469 --> 00:07:34,800

are so genuinely open but also they you

98

00:07:41,510 --> 00:07:38,479

know they would be very conservative in

99

00:07:44,790 --> 00:07:41,520

in what they would Express and um all of

100

00:07:47,869 --> 00:07:44,800

these individuals um so

101
00:07:49,270 --> 00:07:47,879
tightly aware you know that that they

102
00:07:50,909 --> 00:07:49,280
have they need to have filters when

103
00:07:53,350 --> 00:07:50,919
they're talking and with whom they're

104
00:07:55,950 --> 00:07:53,360
speaking and um and it's important to

105
00:07:59,350 --> 00:07:55,960
remember that but what what is

106
00:08:01,189 --> 00:07:59,360
interesting to me that we had you you

107
00:08:04,990 --> 00:08:01,199
know over a dozen of astronauts that

108
00:08:08,350 --> 00:08:05,000
went to the moon but have we actually

109
00:08:10,869 --> 00:08:08,360
heard um genuine

110
00:08:12,909 --> 00:08:10,879
experience of what it is like looking

111
00:08:15,270 --> 00:08:12,919
back apart from the

112
00:08:16,950 --> 00:08:15,280
photograph have have they had the

113
00:08:18,830 --> 00:08:16,960

language to communicate the

114

00:08:22,430 --> 00:08:18,840

transformation that happened to

115

00:08:26,469 --> 00:08:22,440

them in fact um a lot of them have have

116

00:08:28,670 --> 00:08:26,479

been ostracized from family society and

117

00:08:31,310 --> 00:08:28,680

um they had to resort to drinking and

118

00:08:34,589 --> 00:08:31,320

being isolated because they could not

119

00:08:36,430 --> 00:08:34,599

communicate their experience and you

120

00:08:38,509 --> 00:08:36,440

would not see that because this is a

121

00:08:41,310 --> 00:08:38,519

strong man you know they they need to

122

00:08:43,909 --> 00:08:41,320

hold their Frontier you know they are

123

00:08:46,509 --> 00:08:43,919

heroes but nobody prepared them you know

124

00:08:49,509 --> 00:08:46,519

to be back from the Moon they were put

125

00:08:51,710 --> 00:08:49,519

into um a bunker essentially they

126

00:08:53,070 --> 00:08:51,720

couldn't touch their family they

127

00:08:55,030 --> 00:08:53,080

couldn't hug them their family was

128

00:08:57,710 --> 00:08:55,040

afraid to hug them because they could

129

00:09:01,310 --> 00:08:57,720

have been harboring disease or bacteria

130

00:09:04,470 --> 00:09:01,320

or foreign life so you know coming back

131

00:09:05,990 --> 00:09:04,480

to that reality and kind of being

132

00:09:08,470 --> 00:09:06,000

literally behind the

133

00:09:10,990 --> 00:09:08,480

glass that that has affected them some

134

00:09:14,949 --> 00:09:11,000

of them lost their family so there were

135

00:09:17,910 --> 00:09:14,959

divorces and really um the people who

136

00:09:21,030 --> 00:09:17,920

dealt with it in a different capacity is

137

00:09:23,870 --> 00:09:21,040

one of them became a priest one of them

138

00:09:26,430 --> 00:09:23,880

um obviously start the noetic Science

139

00:09:28,310 --> 00:09:26,440

Institute uh and uh that's the person

140

00:09:29,630 --> 00:09:28,320

who really articulated what they were

141

00:09:32,550 --> 00:09:29,640

experiencing

142

00:09:34,870 --> 00:09:32,560

but the majority of them went quiet

143

00:09:38,030 --> 00:09:34,880

because we just don't have the capacity

144

00:09:40,829 --> 00:09:38,040

or maybe uh ability to express that

145

00:09:43,870 --> 00:09:40,839

experience we just um and we have no

146

00:09:46,430 --> 00:09:43,880

scientific way to capture that either so

147

00:09:48,550 --> 00:09:46,440

another good example is sinesthesia so

148

00:09:51,150 --> 00:09:48,560

until you know fairly recently I mean

149

00:09:53,710 --> 00:09:51,160

we're talking about you know 30 40 years

150

00:09:56,590 --> 00:09:53,720

this was even now a lot of people don't

151
00:09:58,069 --> 00:09:56,600
know about this phenomena it's a when

152
00:10:00,750 --> 00:09:58,079
when you're having various inputs

153
00:10:04,509 --> 00:10:00,760
through your sensory perception and you

154
00:10:08,350 --> 00:10:04,519
have um a possibility of experiencing

155
00:10:11,350 --> 00:10:08,360
for example sound as color uh or in this

156
00:10:13,710 --> 00:10:11,360
book by um an expert in synesthesia

157
00:10:19,269 --> 00:10:13,720
Richard who says that the men who tasted

158
00:10:22,150 --> 00:10:19,279
shapes so and um so you have the neurons

159
00:10:24,949 --> 00:10:22,160
um cross work cross sensors and you are

160
00:10:29,750 --> 00:10:24,959
experiencing the world um not like other

161
00:10:33,790 --> 00:10:29,760
people uh and that could be um so seeing

162
00:10:35,790 --> 00:10:33,800
things by by tasting things or hearing

163
00:10:39,750 --> 00:10:35,800

things and seeing things in color so

164

00:10:43,550 --> 00:10:39,760

like um musicians see music for example

165

00:10:47,430 --> 00:10:43,560

um but also it also matches our other

166

00:10:50,389 --> 00:10:47,440

sensory perceptual and also cognitive um

167

00:10:53,150 --> 00:10:50,399

uh understanding so it's sort of like

168

00:10:55,389 --> 00:10:53,160

they have um uh the world is colored in

169

00:10:59,550 --> 00:10:55,399

a completely different way and if you

170

00:11:01,870 --> 00:10:59,560

have some if you have one pair of

171

00:11:05,389 --> 00:11:01,880

synesthesia where the cross sensors are

172

00:11:06,430 --> 00:11:05,399

matched together um you have 50% chance

173

00:11:08,389 --> 00:11:06,440

that you have another type of

174

00:11:10,030 --> 00:11:08,399

synesthesia and you might not even be

175

00:11:12,150 --> 00:11:10,040

aware of that there's a website you can

176
00:11:14,629 --> 00:11:12,160
go and test and see whether you do have

177
00:11:17,910 --> 00:11:14,639
synesthesia and there are over 150 types

178
00:11:21,430 --> 00:11:17,920
of combination but what's interesting is

179
00:11:23,350 --> 00:11:21,440
that all of us according to science have

180
00:11:25,910 --> 00:11:23,360
synesthesia when we're

181
00:11:28,509 --> 00:11:25,920
born and because we don't use it or

182
00:11:31,069 --> 00:11:28,519
because we don't have the necessity to

183
00:11:34,550 --> 00:11:31,079
expand that but some traditional C

184
00:11:37,470 --> 00:11:34,560
cultures um so native cultures use that

185
00:11:39,150 --> 00:11:37,480
ability because they are communicating

186
00:11:42,750 --> 00:11:39,160
with the environment in a different

187
00:11:45,470 --> 00:11:42,760
capacity so they and it is a language it

188
00:11:47,949 --> 00:11:45,480

is a it's a way of observing an

189

00:11:50,230 --> 00:11:47,959

understanding environment that you know

190

00:11:53,389 --> 00:11:50,240

in the modern times in the cities we

191

00:11:56,310 --> 00:11:53,399

just don't need that so obviously our

192

00:12:00,269 --> 00:11:56,320

system biologically is very efficient so

193

00:12:02,150 --> 00:12:00,279

it doesn't want to um uh waste resources

194

00:12:04,590 --> 00:12:02,160

so if we don't use it we lose it you

195

00:12:06,470 --> 00:12:04,600

know it get repurposed and we are

196

00:12:09,629 --> 00:12:06,480

network differently in the

197

00:12:13,310 --> 00:12:09,639

brain what is also very interesting is

198

00:12:15,910 --> 00:12:13,320

that intention Our intention has an

199

00:12:18,470 --> 00:12:15,920

effect so this is a paper actually I was

200

00:12:21,030 --> 00:12:18,480

surprised to find it on a CIA website

201
00:12:22,069 --> 00:12:21,040
that been approved for release um and so

202
00:12:25,990 --> 00:12:22,079
this is

203
00:12:28,189 --> 00:12:26,000
1988 by Dean radin who was um and well

204
00:12:30,790 --> 00:12:28,199
still is part of the noetic science but

205
00:12:33,509 --> 00:12:30,800
he was a cheap scientist and uh so the

206
00:12:35,870 --> 00:12:33,519
experiment involved um a micro

207
00:12:38,430 --> 00:12:35,880
electronic random number generator so

208
00:12:41,910 --> 00:12:38,440
this is a scientific instrument that is

209
00:12:45,310 --> 00:12:41,920
considered to be most precise way for

210
00:12:48,629 --> 00:12:45,320
example to run uh a study where you will

211
00:12:51,870 --> 00:12:48,639
certainly uh not leave things to um to

212
00:12:54,790 --> 00:12:51,880
chance and it will provide you sort the

213
00:12:57,110 --> 00:12:54,800

people sort the groups um sort the

214

00:12:59,629 --> 00:12:57,120

particles you know they they will set up

215

00:13:04,629 --> 00:12:59,639

an experiment to be a truly scientific

216

00:13:08,550 --> 00:13:04,639

um non uh without a bias but in fact um

217

00:13:11,310 --> 00:13:08,560

after running an experiment you can will

218

00:13:13,509 --> 00:13:11,320

people from the street would go into an

219

00:13:16,389 --> 00:13:13,519

experiment and they would be able to

220

00:13:19,269 --> 00:13:16,399

affect a random number generator that

221

00:13:22,509 --> 00:13:19,279

considered to be precise calibrated

222

00:13:25,189 --> 00:13:22,519

instrument not only that that after you

223

00:13:26,829 --> 00:13:25,199

know publishing this work where it says

224

00:13:28,910 --> 00:13:26,839

that in conclusion says it's difficult

225

00:13:31,710 --> 00:13:28,920

to avoid the conclusion I really like

226

00:13:34,110 --> 00:13:31,720

like Dean when Dean phrases things it's

227

00:13:36,030 --> 00:13:34,120

got a a really good language um

228

00:13:38,189 --> 00:13:36,040

underlying and trying to put across a

229

00:13:40,870 --> 00:13:38,199

message and saying that under certain

230

00:13:43,870 --> 00:13:40,880

circumstances Consciousness interacts

231

00:13:46,470 --> 00:13:43,880

with random physical systems so it

232

00:13:49,790 --> 00:13:46,480

actually has an effect on electronic

233

00:13:51,670 --> 00:13:49,800

devices but more so that the later

234

00:13:55,629 --> 00:13:51,680

experiments actually looked at that we

235

00:13:59,550 --> 00:13:55,639

can affect these instruments in the past

236

00:14:02,389 --> 00:13:59,560

you I you know like all of us can affect

237

00:14:04,749 --> 00:14:02,399

a random number generator to produce

238

00:14:06,910 --> 00:14:04,759

either zeros or ones by just thinking

239

00:14:09,990 --> 00:14:06,920

going up for once and going down for

240

00:14:14,710 --> 00:14:10,000

zeros and you can go to a room to an

241

00:14:16,230 --> 00:14:14,720

experimental room and say um uh that and

242

00:14:18,509 --> 00:14:16,240

the data was already recorded by the

243

00:14:20,230 --> 00:14:18,519

random number generator and you doing

244

00:14:22,790 --> 00:14:20,240

experiment today but it was recorded

245

00:14:26,430 --> 00:14:22,800

yesterday then they'll uncover that

246

00:14:28,790 --> 00:14:26,440

recording and it will correlate with

247

00:14:30,910 --> 00:14:28,800

your what you were doing so it will

248

00:14:33,030 --> 00:14:30,920

actually generate things in the past so

249

00:14:35,069 --> 00:14:33,040

we can work across time you could do

250

00:14:36,710 --> 00:14:35,079

exactly the same in the future and in

251
00:14:38,509 --> 00:14:36,720
fact they've already had random number

252
00:14:42,350 --> 00:14:38,519
generators during

253
00:14:44,829 --> 00:14:42,360
the um twin towers collabs and there was

254
00:14:46,389 --> 00:14:44,839
an effect across the globe on Randon

255
00:14:50,590 --> 00:14:46,399
number generators they were not

256
00:14:53,430 --> 00:14:50,600
generating randomly so we have and Our

257
00:14:55,749 --> 00:14:53,440
intention so when science says you know

258
00:14:59,269 --> 00:14:55,759
that there's no human bias or we have to

259
00:15:01,749 --> 00:14:59,279
remove the human bias well we can't

260
00:15:07,590 --> 00:15:01,759
we have to come to terms with that and

261
00:15:11,430 --> 00:15:07,600
in fact um um I urge you to um to look

262
00:15:13,790 --> 00:15:11,440
that you know we are part of that system

263
00:15:15,430 --> 00:15:13,800

and we need to utilize that another

264

00:15:18,189 --> 00:15:15,440

interesting thing which is very

265

00:15:21,069 --> 00:15:18,199

important for the UAP but also for

266

00:15:22,790 --> 00:15:21,079

Pilots um is int unintentional blindness

267

00:15:26,110 --> 00:15:22,800

and you might be familiar with this

268

00:15:28,150 --> 00:15:26,120

experiment where there is um uh a setup

269

00:15:29,870 --> 00:15:28,160

you watch a video and you have to watch

270

00:15:31,629 --> 00:15:29,880

how the ball is passed between people

271

00:15:33,430 --> 00:15:31,639

dressed in white t-shirts and you have

272

00:15:38,189 --> 00:15:33,440

to calculate how many times and the ball

273

00:15:40,430 --> 00:15:38,199

is passed 15 times um and uh there's

274

00:15:43,749 --> 00:15:40,440

significant portion of the people who

275

00:15:47,069 --> 00:15:43,759

are doing this experiments do not see

276

00:15:49,910 --> 00:15:47,079

gorilla walking right across the

277

00:15:53,350 --> 00:15:49,920

screen so so where we are paying

278

00:15:56,150 --> 00:15:53,360

attention or where the experimenter who

279

00:15:58,110 --> 00:15:56,160

was setting up an experiment told you to

280

00:16:01,350 --> 00:15:58,120

pay attention to where did the

281

00:16:03,670 --> 00:16:01,360

government told you to look right what

282

00:16:08,230 --> 00:16:03,680

your Society brought you up to look or

283

00:16:10,350 --> 00:16:08,240

ignore you would actually not see it so

284

00:16:12,790 --> 00:16:10,360

if you want to ignore it you will ignore

285

00:16:16,030 --> 00:16:12,800

it but if you want to see it you will

286

00:16:17,590 --> 00:16:16,040

also see it so and we need to work with

287

00:16:20,069 --> 00:16:17,600

those parameters and we need to be

288

00:16:22,829 --> 00:16:20,079

cognizant of our abilities and we need

289

00:16:24,430 --> 00:16:22,839

to have the humanity as part of the P

290

00:16:27,150 --> 00:16:24,440

puzzle understanding the

291

00:16:29,829 --> 00:16:27,160

UAP that there is no there's no such

292

00:16:33,670 --> 00:16:29,839

thing that the we can remove the human

293

00:16:36,629 --> 00:16:33,680

factor we can't we are we are the

294

00:16:39,870 --> 00:16:36,639

interacting element with the phenomena

295

00:16:41,829 --> 00:16:39,880

so the intention um has to be part of

296

00:16:44,110 --> 00:16:41,839

the picture and we might you know we

297

00:16:46,870 --> 00:16:44,120

need to utilize our perceptions sensors

298

00:16:48,790 --> 00:16:46,880

and be cognizant of what we're intending

299

00:16:51,269 --> 00:16:48,800

and we need to investigate and engage

300

00:16:53,790 --> 00:16:51,279

with the phenomena understanding our

301
00:16:55,829 --> 00:16:53,800
abilities in fact the phenomena is

302
00:16:57,189 --> 00:16:55,839
helping us to discover our abilities and

303
00:17:00,670 --> 00:16:57,199
our

304
00:17:02,309 --> 00:17:00,680
potential so so the title of my talk is

305
00:17:05,829 --> 00:17:02,319
observation is

306
00:17:09,829 --> 00:17:05,839
data and it's an enormous amount of data

307
00:17:13,189 --> 00:17:09,839
that is in would enrich our instruments

308
00:17:16,549 --> 00:17:13,199
because um we need to trust and learn

309
00:17:21,270 --> 00:17:16,559
from the pilots who are highly

310
00:17:24,789 --> 00:17:21,280
skilled and just to give you um a brief

311
00:17:28,789 --> 00:17:24,799
outline of why I feel that I have the

312
00:17:32,590 --> 00:17:28,799
right to say such things um because um I

313
00:17:35,630 --> 00:17:32,600

had a fortune a fortunate Journey sort

314

00:17:37,950 --> 00:17:35,640

of in the aviation domain where I've met

315

00:17:40,669 --> 00:17:37,960

people and they have influenced me on

316

00:17:42,909 --> 00:17:40,679

how I perceive things and um they told

317

00:17:45,510 --> 00:17:42,919

me where to look I I guess you know

318

00:17:47,990 --> 00:17:45,520

their intentions affected my perception

319

00:17:50,270 --> 00:17:48,000

and what I have developed I have

320

00:17:53,029 --> 00:17:50,280

selected personnel and I've seen how the

321

00:17:55,590 --> 00:17:53,039

selection then um changed them by

322

00:17:57,270 --> 00:17:55,600

working in a particular culture how they

323

00:17:59,909 --> 00:17:57,280

how it affected their behavior and that

324

00:18:03,390 --> 00:17:59,919

behavior at worked affected them at home

325

00:18:05,830 --> 00:18:03,400

so I worked with um Hercules pilots on

326

00:18:08,470 --> 00:18:05,840

the c130j converting them from an old

327

00:18:13,149 --> 00:18:08,480

cockpit to a new cockpit and

328

00:18:16,669 --> 00:18:13,159

understanding that um the automation uh

329

00:18:20,510 --> 00:18:16,679

which is in a sense AI um has no

330

00:18:23,750 --> 00:18:20,520

capacity to read our mind in a sense so

331

00:18:26,149 --> 00:18:23,760

when they were saying when um when boing

332

00:18:28,990 --> 00:18:26,159

and loin Martin were shrinking the crew

333

00:18:31,350 --> 00:18:29,000

from five people so including

334

00:18:32,669 --> 00:18:31,360

the master who's who's a load Master at

335

00:18:34,350 --> 00:18:32,679

the back of the aircraft but there were

336

00:18:36,470 --> 00:18:34,360

four in the cockpit and they were saying

337

00:18:39,549 --> 00:18:36,480

look you will be absolutely fine with

338

00:18:41,789 --> 00:18:39,559

two people going from 4 to two because

339

00:18:43,789 --> 00:18:41,799

the automation will do things for you

340

00:18:46,789 --> 00:18:43,799

that will do the navigation that will

341

00:18:49,350 --> 00:18:46,799

monitor the engines that will um be able

342

00:18:51,909 --> 00:18:49,360

to fly um and you know in fact you'll

343

00:18:54,750 --> 00:18:51,919

have more time on on your hands but in

344

00:18:58,070 --> 00:18:54,760

actual fact when we run the experiments

345

00:19:00,830 --> 00:18:58,080

no the the navigation system doesn't

346

00:19:03,270 --> 00:19:00,840

know know when you need to have the

347

00:19:06,950 --> 00:19:03,280

information about dropping particular

348

00:19:09,669 --> 00:19:06,960

cargo for example but the other pilot or

349

00:19:12,029 --> 00:19:09,679

the other engineer or the load master or

350

00:19:14,750 --> 00:19:12,039

um a navigator knows exactly when to

351

00:19:17,350 --> 00:19:14,760

tell you when you are able to absorb

352

00:19:19,510 --> 00:19:17,360

that information be safe and it would be

353

00:19:22,630 --> 00:19:19,520

timely and there will be nothing extra

354

00:19:24,669 --> 00:19:22,640

said and in fact they will you know it's

355

00:19:27,710 --> 00:19:24,679

like it's one single organism in the

356

00:19:30,350 --> 00:19:27,720

cockpit and the automation it took so

357

00:19:32,310 --> 00:19:30,360

they we are amazing in trusting so we're

358

00:19:34,870 --> 00:19:32,320

very open and so we started to trust our

359

00:19:36,310 --> 00:19:34,880

Automation and problems happened and

360

00:19:38,149 --> 00:19:36,320

there was a ghost in the cockpit that

361

00:19:39,750 --> 00:19:38,159

I've talked about in the conferences

362

00:19:41,470 --> 00:19:39,760

that Pilots were not willing to talk

363

00:19:43,110 --> 00:19:41,480

about and until they were strong in

364

00:19:45,390 --> 00:19:43,120

numbers we did not know and the

365

00:19:47,430 --> 00:19:45,400

aircrafts were falling out of the sky

366

00:19:50,190 --> 00:19:47,440

every single

367

00:19:53,430 --> 00:19:50,200

week okay so this is important that we

368

00:19:57,710 --> 00:19:53,440

listen to them before accidents happen

369

00:20:01,149 --> 00:19:57,720

um and so I've let um um the other

370

00:20:03,270 --> 00:20:01,159

aspect which is also um greatly been

371

00:20:05,070 --> 00:20:03,280

affected by pilots that I worked with

372

00:20:07,110 --> 00:20:05,080

because they've opened up and shared

373

00:20:08,669 --> 00:20:07,120

their inner experience about what

374

00:20:10,149 --> 00:20:08,679

they're processing and what they're

375

00:20:13,430 --> 00:20:10,159

paying attention to and once I

376

00:20:15,110 --> 00:20:13,440

understood their preverbal I helped them

377

00:20:17,149 --> 00:20:15,120

to articulate because if you ask the

378

00:20:19,350 --> 00:20:17,159

pilot you know how did the landing go so

379

00:20:21,270 --> 00:20:19,360

fine so like well how can I improve the

380

00:20:23,950 --> 00:20:21,280

display from that you know it's not

381

00:20:26,470 --> 00:20:23,960

enough data so I needed to another

382

00:20:28,470 --> 00:20:26,480

method to improve their performance and

383

00:20:30,470 --> 00:20:28,480

right partisan Air Force research

384

00:20:32,950 --> 00:20:30,480

laboratory uh approached me and they

385

00:20:34,990 --> 00:20:32,960

said they want to disseminate the these

386

00:20:38,750 --> 00:20:35,000

um findings on how to improve

387

00:20:41,669 --> 00:20:38,760

performance and as Ryan would attest and

388

00:20:44,190 --> 00:20:41,679

other um Pilots is that to improve

389

00:20:46,270 --> 00:20:44,200

Pilot's performance by 200% which is my

390

00:20:48,270 --> 00:20:46,280

they can do things twice as fast it's

391

00:20:51,710 --> 00:20:48,280

really unheard of but that's what you

392

00:20:53,870 --> 00:20:51,720

can do once you translate this preverbal

393

00:20:58,149 --> 00:20:53,880

intuitive knowledge for the from the

394

00:21:02,430 --> 00:20:58,159

professional okay um so I worked with

395

00:21:04,549 --> 00:21:02,440

with many space agencies and um and so

396

00:21:07,149 --> 00:21:04,559

what I'm here to say is that Pilots have

397

00:21:10,029 --> 00:21:07,159

unique cognition and we as public

398

00:21:12,590 --> 00:21:10,039

through our text money have actually

399

00:21:14,149 --> 00:21:12,600

invested in training them to be this

400

00:21:16,669 --> 00:21:14,159

amazing

401

00:21:22,350 --> 00:21:16,679

perceptual um

402

00:21:25,870 --> 00:21:22,360

unique data you know collecting um um

403

00:21:28,909 --> 00:21:25,880

you know experts and um I'm very

404

00:21:31,390 --> 00:21:28,919

protective of Pilots

405

00:21:34,149 --> 00:21:31,400

because I know what they go through in

406

00:21:37,029 --> 00:21:34,159

order to deliver you from A to B you

407

00:21:39,110 --> 00:21:37,039

know in order not to be distracted uh

408

00:21:41,110 --> 00:21:39,120

and in order not to be overloaded by

409

00:21:43,510 --> 00:21:41,120

information that they should not need to

410

00:21:46,669 --> 00:21:43,520

know when they are taking you um into

411

00:21:49,350 --> 00:21:46,679

approach and landing and they their

412

00:21:52,310 --> 00:21:49,360

situational awareness is unparallel but

413

00:21:54,470 --> 00:21:52,320

more so they navigate not like majority

414

00:21:58,310 --> 00:21:54,480

of us which is in a horizontal plane

415

00:22:00,669 --> 00:21:58,320

they operate in a sphere so if you go

416

00:22:02,909 --> 00:22:00,679

and sit in the cockpit you will not see

417

00:22:05,310 --> 00:22:02,919

an airplane that would be slightly out

418

00:22:08,390 --> 00:22:05,320

of your horizontal plane but the pilot

419

00:22:11,269 --> 00:22:08,400

would because they're trained to do so

420

00:22:12,870 --> 00:22:11,279

and um and more so they're continuously

421

00:22:14,510 --> 00:22:12,880

anticipating problems so they're

422

00:22:17,470 --> 00:22:14,520

watching the trajectory and it happens

423

00:22:21,470 --> 00:22:17,480

in speed of a second um so they could do

424

00:22:24,549 --> 00:22:21,480

this without thinking it's it's beyond

425

00:22:26,029 --> 00:22:24,559

processing um capacity and and what the

426

00:22:27,669 --> 00:22:26,039

experiments will tell you in the

427

00:22:30,350 --> 00:22:27,679

laboratory is just not what happens in

428

00:22:32,029 --> 00:22:30,360

real life they're much faster than that

429

00:22:33,590 --> 00:22:32,039

they're classifying and discarding

430

00:22:36,430 --> 00:22:33,600

unknown objects they're dynamically

431

00:22:39,149 --> 00:22:36,440

problem solving H and Rapid rapidly

432

00:22:42,510 --> 00:22:39,159

making decisions but more so they

433

00:22:45,269 --> 00:22:42,520

because of that expertise their um their

434

00:22:48,149 --> 00:22:45,279

personal life is affected so they

435

00:22:51,029 --> 00:22:48,159

problem solve all the time you know what

436

00:22:53,470 --> 00:22:51,039

could go wrong what is my Landing path

437

00:22:56,350 --> 00:22:53,480

you know how can I do a turnaround what

438

00:22:58,070 --> 00:22:56,360

the weather is like um you know whom do

439

00:22:59,950 --> 00:22:58,080

I have on board and so on but they they

440

00:23:02,630 --> 00:22:59,960

transfer this to life as well to their

441

00:23:04,430 --> 00:23:02,640

personal life and they do have they do

442

00:23:06,789 --> 00:23:04,440

suffer because of that because they

443

00:23:08,830 --> 00:23:06,799

always think of the bad consequences not

444

00:23:13,549 --> 00:23:08,840

positive out outcome

445

00:23:15,590 --> 00:23:13,559

outcome so they are parallel sensory um

446

00:23:18,310 --> 00:23:15,600

um perceptors they

447

00:23:20,070 --> 00:23:18,320

continuously um use their knowing and

448

00:23:24,390 --> 00:23:20,080

calculation and trajectories and

449

00:23:26,870 --> 00:23:24,400

anticipation and they um have precise

450

00:23:30,510 --> 00:23:26,880

consequences for every

451
00:23:33,630 --> 00:23:30,520
movement so every single sense thought

452
00:23:36,710 --> 00:23:33,640
and emotion distracts them from doing

453
00:23:39,390 --> 00:23:36,720
their job and it is a capacity that

454
00:23:42,190 --> 00:23:39,400
actually runs out right it it is a

455
00:23:44,149 --> 00:23:42,200
finite resource their attention and if

456
00:23:47,029 --> 00:23:44,159
they're distracted and thinking should I

457
00:23:48,950 --> 00:23:47,039
be seeing this what should I be doing

458
00:23:52,149 --> 00:23:48,960
should I be reporting this will I be

459
00:23:53,870 --> 00:23:52,159
punished for this and so on that gets us

460
00:23:56,430 --> 00:23:53,880
as passengers into

461
00:23:58,590 --> 00:23:56,440
trouble yeah so we don't want them to

462
00:24:01,390 --> 00:23:58,600
worry about that we want want them to do

463
00:24:03,350 --> 00:24:01,400

their job we want them to tell us about

464

00:24:07,149 --> 00:24:03,360

their experience we want them to

465

00:24:10,269 --> 00:24:07,159

actually tell us what that experience is

466

00:24:15,149 --> 00:24:10,279

because they are doing their job and

467

00:24:16,990 --> 00:24:15,159

more so that they are informing us about

468

00:24:20,149 --> 00:24:17,000

um you know the experience and none of

469

00:24:22,950 --> 00:24:20,159

us are up there so they are the best

470

00:24:25,789 --> 00:24:22,960

source of information of that experience

471

00:24:26,789 --> 00:24:25,799

but more so our senses are not limited

472

00:24:29,830 --> 00:24:26,799

to

473

00:24:31,909 --> 00:24:29,840

five and we are not collecting that data

474

00:24:34,830 --> 00:24:31,919

and it is a very valuable data into the

475

00:24:35,909 --> 00:24:34,840

U in the UAP domain so you can see here

476

00:24:40,350 --> 00:24:35,919

there's

477

00:24:42,669 --> 00:24:40,360

um say 10 more uh type of proception or

478

00:24:45,029 --> 00:24:42,679

perception that can be used and all of

479

00:24:46,669 --> 00:24:45,039

them majority of us can experience and

480

00:24:48,750 --> 00:24:46,679

articulate but we don't have the

481

00:24:50,510 --> 00:24:48,760

language or data or science considering

482

00:24:53,230 --> 00:24:50,520

that these are real things that we can

483

00:24:55,149 --> 00:24:53,240

detect but a lot of them uh a lot of

484

00:24:56,710 --> 00:24:55,159

these perceptions are experienced during

485

00:24:58,430 --> 00:24:56,720

the Phenom connection with the in

486

00:25:00,630 --> 00:24:58,440

connection with the phenomena

487

00:25:03,070 --> 00:25:00,640

and Gary yesterday uh said that we need

488

00:25:05,230 --> 00:25:03,080

to sample the ecosystem and that's

489

00:25:10,510 --> 00:25:05,240

correct you know the ecosystem is much

490

00:25:13,269 --> 00:25:10,520

larger than just a radar or um just uh

491

00:25:14,950 --> 00:25:13,279

an instrument um so let's so let's not

492

00:25:17,389 --> 00:25:14,960

shoot ourselves in the foot and lose

493

00:25:19,029 --> 00:25:17,399

this most sophisticated sensory data uh

494

00:25:21,430 --> 00:25:19,039

from the reliable and professional

495

00:25:23,350 --> 00:25:21,440

Observer we need to triangulate this

496

00:25:26,149 --> 00:25:23,360

human observation in the

497

00:25:28,590 --> 00:25:26,159

perspective and Jack was talking about

498

00:25:30,630 --> 00:25:28,600

that there is always a second bell curve

499

00:25:32,470 --> 00:25:30,640

so this kind of category seven of the

500

00:25:34,870 --> 00:25:32,480

phenomena of the event that is under

501
00:25:36,310 --> 00:25:34,880
reported and that's not because people

502
00:25:37,990 --> 00:25:36,320
don't want to report it they don't know

503
00:25:40,630 --> 00:25:38,000
how they don't have the language to

504
00:25:43,750 --> 00:25:40,640
describe that experience and so our

505
00:25:46,350 --> 00:25:43,760
objective is to look at this in terms of

506
00:25:48,310 --> 00:25:46,360
time before during and after because

507
00:25:50,190 --> 00:25:48,320
there's something happens before and

508
00:25:53,070 --> 00:25:50,200
then there's something happens after the

509
00:25:55,230 --> 00:25:53,080
actual event um and we have this outer

510
00:25:57,870 --> 00:25:55,240
and inner data that all of it needs to

511
00:25:59,669 --> 00:25:57,880
be connected to for us to understand and

512
00:26:02,549 --> 00:25:59,679
understand this transformation that has

513
00:26:07,190 --> 00:26:02,559

in our life circumstance it is

514

00:26:09,310 --> 00:26:07,200

Data also Chris in the talk uh in um

515

00:26:10,870 --> 00:26:09,320

Europe U was talking about that contrary

516

00:26:12,710 --> 00:26:10,880

to Skeptics there's more information

517

00:26:15,870 --> 00:26:12,720

often makes conventional explanation

518

00:26:18,269 --> 00:26:15,880

harder which is correct but

519

00:26:20,710 --> 00:26:18,279

also uh what is interesting there is

520

00:26:22,350 --> 00:26:20,720

that the more the more deeper we delve

521

00:26:24,710 --> 00:26:22,360

into it the more precise questions we

522

00:26:26,950 --> 00:26:24,720

can form or the more diverse links we

523

00:26:29,590 --> 00:26:26,960

can make so it's like a neural network

524

00:26:32,389 --> 00:26:29,600

that allows us to form a better question

525

00:26:35,870 --> 00:26:32,399

so the marit is here is worth looking in

526

00:26:37,710 --> 00:26:35,880

what the phenomena triggers in us so by

527

00:26:40,430 --> 00:26:37,720

other person having experience with the

528

00:26:42,190 --> 00:26:40,440

phenomena it gives me uh also

529

00:26:44,070 --> 00:26:42,200

transformation of the wall view so the

530

00:26:47,990 --> 00:26:44,080

phenomena although I'm not seeing it I

531

00:26:50,669 --> 00:26:48,000

am affected by it so we are all one big

532

00:26:52,110 --> 00:26:50,679

organism that are being now affected by

533

00:26:54,470 --> 00:26:52,120

the phenomena and we need to take

534

00:26:56,310 --> 00:26:54,480

account for that so how do we tap in

535

00:26:59,110 --> 00:26:56,320

into that inner universe of the

536

00:27:01,269 --> 00:26:59,120

experience and um but I feel like the

537

00:27:03,389 --> 00:27:01,279

more we engage that the more we'll learn

538

00:27:05,029 --> 00:27:03,399

about the actual phenomena and we will

539

00:27:06,789 --> 00:27:05,039

explore who we are and what our

540

00:27:09,389 --> 00:27:06,799

potential and actually what we are made

541

00:27:12,029 --> 00:27:09,399

of you know what fears do we have

542

00:27:14,870 --> 00:27:12,039

because it does bring very personal

543

00:27:18,590 --> 00:27:14,880

things so I urge you to look at this

544

00:27:20,990 --> 00:27:18,600

film um that is made by stanislav um

545

00:27:23,549 --> 00:27:21,000

based on the S sci-fi novel stanislav

546

00:27:26,149 --> 00:27:23,559

lamb it's called Solaris and there is a

547

00:27:28,669 --> 00:27:26,159

Hollywood version of that but it

548

00:27:31,190 --> 00:27:28,679

actually misses some of the very key

549

00:27:33,909 --> 00:27:31,200

Concepts that are trans that are formed

550

00:27:36,269 --> 00:27:33,919

in there about the means of interacting

551
00:27:39,269 --> 00:27:36,279
and communicating with non-human

552
00:27:42,310 --> 00:27:39,279
intelligence uh and um so that this very

553
00:27:44,830 --> 00:27:42,320
interesting quote by Carl Sean that says

554
00:27:48,549 --> 00:27:44,840
that who who was a part of the were

555
00:27:51,350 --> 00:27:48,559
interested in language of dolphins as as

556
00:27:53,310 --> 00:27:51,360
another intelligent life and he was

557
00:27:55,750 --> 00:27:53,320
saying that dolphins have been reported

558
00:27:58,310 --> 00:27:55,760
to learn English but no human being has

559
00:27:59,789 --> 00:27:58,320
been reported to have learned dolphin

560
00:28:02,750 --> 00:27:59,799
and I think we need to look at that

561
00:28:05,110 --> 00:28:02,760
Paradigm right we need to be looking in

562
00:28:07,149 --> 00:28:05,120
what infrastructure and what sensus we

563
00:28:09,750 --> 00:28:07,159

need to be use as communication or

564

00:28:13,669 --> 00:28:09,760

perception or understanding and in the

565

00:28:18,110 --> 00:28:13,679

Solaris um this entity is an ocean and

566

00:28:20,190 --> 00:28:18,120

what it does it creates um a human being

567

00:28:23,389 --> 00:28:20,200

a physical human being that has actually

568

00:28:26,389 --> 00:28:23,399

passed away and the reason well if you

569

00:28:28,070 --> 00:28:26,399

watch Russian films there is never a

570

00:28:30,830 --> 00:28:28,080

resolution in the end so you're left

571

00:28:33,230 --> 00:28:30,840

hanging so be prepared for that and it's

572

00:28:35,110 --> 00:28:33,240

really long and you do fall asleep so

573

00:28:37,389 --> 00:28:35,120

you might need to watch it several times

574

00:28:39,710 --> 00:28:37,399

but it's a there's a reason for that

575

00:28:43,590 --> 00:28:39,720

right because those who are not

576

00:28:46,389 --> 00:28:43,600

attentive or not awake you will not get

577

00:28:48,710 --> 00:28:46,399

the concept right so this is the point

578

00:28:53,029 --> 00:28:48,720

that the knowledge is hidden if we're

579

00:28:55,230 --> 00:28:53,039

not willing to dwell into it so uh and

580

00:28:58,110 --> 00:28:55,240

so it brings this person to life who

581

00:29:01,789 --> 00:28:58,120

passed away you know a person who you

582

00:29:04,470 --> 00:29:01,799

deeply loved comes to life and you

583

00:29:07,830 --> 00:29:04,480

cannot explain it and the reason the

584

00:29:10,789 --> 00:29:07,840

phenomena is doing that is to explore to

585

00:29:13,630 --> 00:29:10,799

communicate with us to understand what

586

00:29:16,950 --> 00:29:13,640

our deepest feelings are you know they

587

00:29:20,950 --> 00:29:16,960

are so fundamentally personal and

588

00:29:22,430 --> 00:29:20,960

intimate that you cannot ignore a life

589

00:29:25,149 --> 00:29:22,440

person standing in front of you that you

590

00:29:26,870 --> 00:29:25,159

love dearly who passed away and they're

591

00:29:28,750 --> 00:29:26,880

right in front of you but you know you

592

00:29:31,509 --> 00:29:28,760

can't take them

593

00:29:35,430 --> 00:29:31,519

back and so the question in part of the

594

00:29:39,630 --> 00:29:35,440

movie that this entity is asking is that

595

00:29:41,310 --> 00:29:39,640

about love you know what is and the the

596

00:29:43,029 --> 00:29:41,320

commander is trying to well actually

597

00:29:45,070 --> 00:29:43,039

he's not Commander but one of the flight

598

00:29:48,389 --> 00:29:45,080

crew is saying that love is a feeling

599

00:29:50,630 --> 00:29:48,399

you can experience but you can't

600

00:29:52,830 --> 00:29:50,640

explain but that's the level of

601
00:29:55,070 --> 00:29:52,840
communication so we need to think about

602
00:29:55,909 --> 00:29:55,080
what the phenomena actually has to offer

603
00:30:00,310 --> 00:29:55,919
to

604
00:30:01,830 --> 00:30:00,320
us so um um part of what I'm very

605
00:30:04,470 --> 00:30:01,840
interested to do is that I'm

606
00:30:07,430 --> 00:30:04,480
collaborating with an Tyler who's also a

607
00:30:09,430 --> 00:30:07,440
licensed psychologist to empower Pilots

608
00:30:11,470 --> 00:30:09,440
to integrate this experience because I

609
00:30:13,669 --> 00:30:11,480
think there is this category seven

610
00:30:16,909 --> 00:30:13,679
experiences that are Beyond just seeing

611
00:30:19,110 --> 00:30:16,919
physical things that transform us and we

612
00:30:24,070 --> 00:30:19,120
need to dwell into that and assist in

613
00:30:27,029 --> 00:30:24,080

that integration into our life um so

614

00:30:28,230 --> 00:30:27,039

watch that space and so thank you so

615

00:30:34,830 --> 00:30:28,240

much