



 **Question**



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What made you want to study parapsychology?

1
00:00:07,749 --> 00:00:05,749

[Music]

2
00:00:08,950 --> 00:00:07,759

hi my name is annalisa ventola and i'm

3
00:00:11,190 --> 00:00:08,960

the executive director of the

4
00:00:12,230 --> 00:00:11,200

parapsychological association

5
00:00:14,549 --> 00:00:12,240

today i'm going to give you an

6
00:00:17,510 --> 00:00:14,559

introduction to parapsychology over the

7
00:00:19,990 --> 00:00:17,520

next 30 minutes i hope to give you a

8
00:00:23,109 --> 00:00:20,000

broad overview of the field as well as

9
00:00:25,029 --> 00:00:23,119

introducing you to some key concepts

10
00:00:27,830 --> 00:00:25,039

that you are likely to encounter

11
00:00:29,750 --> 00:00:27,840

especially if you are attending the ss

12
00:00:30,870 --> 00:00:29,760

epa connections

13
00:00:32,870 --> 00:00:30,880

convention

14

00:00:35,350 --> 00:00:32,880

later this month

15

00:00:37,670 --> 00:00:35,360

what is parapsychology

16

00:00:39,990 --> 00:00:37,680

it is the scientific and scholarly study

17

00:00:42,709 --> 00:00:40,000

of unexplained aspects of human

18

00:00:44,389 --> 00:00:42,719

experience and that falls along three

19

00:00:46,470 --> 00:00:44,399

broad categories

20

00:00:47,590 --> 00:00:46,480

the first of these is extrasensory

21

00:00:50,069 --> 00:00:47,600

perception

22

00:00:52,790 --> 00:00:50,079

which includes clairvoyance telepathy

23

00:00:55,110 --> 00:00:52,800

and precognition clairvoyance mean

24

00:00:56,950 --> 00:00:55,120

meaning clear seeing

25

00:00:59,910 --> 00:00:56,960

clearly seeing the present

26
00:01:01,590 --> 00:00:59,920
telepathy suggests some kind of mind to

27
00:01:04,710 --> 00:01:01,600
mind interaction

28
00:01:06,870 --> 00:01:04,720
and precognition that is somehow knowing

29
00:01:09,350 --> 00:01:06,880
the future

30
00:01:12,390 --> 00:01:09,360
mind matter interactions is our second

31
00:01:15,910 --> 00:01:12,400
category and that includes psychokinesis

32
00:01:18,550 --> 00:01:15,920
mental healing and the power of intent

33
00:01:20,789 --> 00:01:18,560
and finally phenomena suggestive of

34
00:01:23,510 --> 00:01:20,799
survival of bodily death which is a

35
00:01:25,670 --> 00:01:23,520
pretty broad category that includes

36
00:01:27,030 --> 00:01:25,680
reincarnation out of out-of-body

37
00:01:34,870 --> 00:01:27,040
experiences

38
00:01:38,069 --> 00:01:34,880

a term that you're going to encounter a

39

00:01:40,630 --> 00:01:38,079

lot if you get to any depth in this

40

00:01:42,950 --> 00:01:40,640

field is the term psi

41

00:01:47,109 --> 00:01:42,960

psi is literally the 23rd alphabet of

42

00:01:49,109 --> 00:01:47,119

the 23rd letter of the greek alphabet

43

00:01:52,149 --> 00:01:49,119

and it was chosen as a neutral

44

00:01:54,149 --> 00:01:52,159

substitute for esp pk or sometimes we

45

00:01:56,310 --> 00:01:54,159

even use it to substitute for the idea

46

00:01:59,670 --> 00:01:56,320

of survival

47

00:02:01,749 --> 00:01:59,680

it can be used as an adjective or a noun

48

00:02:04,550 --> 00:02:01,759

so we can talk about

49

00:02:07,670 --> 00:02:04,560

trying to find psi and

50

00:02:10,389 --> 00:02:07,680

in an experiment or we can talk about

51
00:02:12,869 --> 00:02:10,399
for instance how an experiment gave us a

52
00:02:16,550 --> 00:02:12,879
good psi result

53
00:02:19,270 --> 00:02:16,560
um and psi neither implies that

54
00:02:21,430 --> 00:02:19,280
anomalous phenomenon are paranormal

55
00:02:23,350 --> 00:02:21,440
nor does it connote anything about their

56
00:02:26,630 --> 00:02:23,360
underlying mechanisms and that's what's

57
00:02:28,710 --> 00:02:26,640
really important about the term

58
00:02:30,630 --> 00:02:28,720
it can be useful to describe the

59
00:02:31,830 --> 00:02:30,640
anomalous outcome of a laboratory

60
00:02:33,990 --> 00:02:31,840
experience

61
00:02:36,070 --> 00:02:34,000
experiment without the researcher being

62
00:02:37,910 --> 00:02:36,080
required to choose between culturally

63
00:02:42,070 --> 00:02:37,920

connotated words like clairvoyance

64

00:02:48,630 --> 00:02:44,070

you might also encounter the term psi

65

00:02:50,869 --> 00:02:48,640

hitting and that means when a person

66

00:02:52,710 --> 00:02:50,879

scores a hit more frequently than you

67

00:02:55,030 --> 00:02:52,720

would expect by chance usually in a

68

00:02:56,949 --> 00:02:55,040

laboratory experiment and then there's

69

00:02:58,710 --> 00:02:56,959

psi missing which is a really

70

00:03:01,750 --> 00:02:58,720

interesting and that is when a

71

00:03:04,229 --> 00:03:01,760

participant might miss a target more

72

00:03:05,750 --> 00:03:04,239

frequently than be expected by chance

73

00:03:07,910 --> 00:03:05,760

both of those are anomalous results

74

00:03:09,670 --> 00:03:07,920

whether you're hitting the target more

75

00:03:11,110 --> 00:03:09,680

than you'd expect or missing it more

76

00:03:12,869 --> 00:03:11,120

than you expect those are there's

77

00:03:14,070 --> 00:03:12,879

usually some something interesting going

78

00:03:16,390 --> 00:03:14,080

on there

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00:03:19,270 --> 00:03:16,400

something is called psi conducive if it

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00:03:21,350 --> 00:03:19,280

is favorable to or facilitative of the

81

00:03:23,990 --> 00:03:21,360

occurrence of size so some people might

82

00:03:25,750 --> 00:03:24,000

say that like um mild sensory

83

00:03:27,670 --> 00:03:25,760

deprivation for instance is psi

84

00:03:29,750 --> 00:03:27,680

conductive

85

00:03:31,750 --> 00:03:29,760

and sometimes you'll hear people talking

86

00:03:34,390 --> 00:03:31,760

about chance guessing

87

00:03:37,190 --> 00:03:34,400

they might say oh my my experiment

88

00:03:40,630 --> 00:03:37,200

failed because all we got was chance

89

00:03:42,789 --> 00:03:41,350

so

90

00:03:44,589 --> 00:03:42,799

there are

91

00:03:48,869 --> 00:03:44,599

several major

92

00:03:51,430 --> 00:03:48,879

parapsychological research approaches

93

00:03:54,309 --> 00:03:51,440

probably the most popular and well known

94

00:03:57,270 --> 00:03:54,319

would be the experimental research which

95

00:03:59,589 --> 00:03:57,280

is laboratory studies of psy but there's

96

00:04:01,270 --> 00:03:59,599

multiple ways to approach parapsychology

97

00:04:02,550 --> 00:04:01,280

because parapsychology itself isn't

98

00:04:04,710 --> 00:04:02,560

really a field

99

00:04:07,830 --> 00:04:04,720

so much as it is

100

00:04:08,789 --> 00:04:07,840

a interdisciplinary

101
00:04:10,070 --> 00:04:08,799
um

102
00:04:12,149 --> 00:04:10,080
well field

103
00:04:13,750 --> 00:04:12,159
of people who are approaching the topic

104
00:04:15,830 --> 00:04:13,760
from multiple

105
00:04:18,069 --> 00:04:15,840
places and so it's a collection of

106
00:04:20,629 --> 00:04:18,079
research topics that that people bring

107
00:04:22,790 --> 00:04:20,639
their own expertise to so

108
00:04:24,629 --> 00:04:22,800
scholarly research also falls into the

109
00:04:27,189 --> 00:04:24,639
parapsychology so we can have discussion

110
00:04:28,550 --> 00:04:27,199
of philosophical issues historical

111
00:04:30,390 --> 00:04:28,560
surveys

112
00:04:31,909 --> 00:04:30,400
we have so we see contributions from the

113
00:04:34,150 --> 00:04:31,919

humanities

114

00:04:35,590 --> 00:04:34,160

analytical research which

115

00:04:37,670 --> 00:04:35,600

might mean just doing statistical

116

00:04:40,310 --> 00:04:37,680

analyses of large databases that other

117

00:04:42,390 --> 00:04:40,320

people have done experiments with

118

00:04:44,710 --> 00:04:42,400

case studies which could be in-depth

119

00:04:47,350 --> 00:04:44,720

studies of personal psy experiences

120

00:04:49,830 --> 00:04:47,360

field investigations or comparisons of

121

00:04:51,590 --> 00:04:49,840

cross-cultural beliefs and practices

122

00:04:53,830 --> 00:04:51,600

that are related to psi

123

00:04:56,270 --> 00:04:53,840

uh and theoretical research and that

124

00:04:59,670 --> 00:04:56,280

would be mathematical descriptive and or

125

00:05:02,310 --> 00:04:59,680

phenomenological models of psy

126

00:05:04,950 --> 00:05:02,320

now what is a parapsychologist

127

00:05:07,270 --> 00:05:04,960

a parapsychologist is a scientist or

128

00:05:09,510 --> 00:05:07,280

scholar who assumes that unexplained

129

00:05:12,150 --> 00:05:09,520

aspects of human experience can be

130

00:05:14,469 --> 00:05:12,160

studied rationally and scientifically

131

00:05:17,110 --> 00:05:14,479

and this is a very important point not

132

00:05:18,070 --> 00:05:17,120

everybody thinks that these topics can

133

00:05:19,350 --> 00:05:18,080

be

134

00:05:22,230 --> 00:05:19,360

researched

135

00:05:24,550 --> 00:05:22,240

scientifically they might feel that

136

00:05:26,390 --> 00:05:24,560

they're just so wholly other that they

137

00:05:29,110 --> 00:05:26,400

cannot be amenable to scientific

138

00:05:31,590 --> 00:05:29,120

research some people feel that occult

139

00:05:34,070 --> 00:05:31,600

topics should remain occult should

140

00:05:35,830 --> 00:05:34,080

remain hidden um but a parapsychologist

141

00:05:39,029 --> 00:05:35,840

is somebody who says we can use the

142

00:05:41,270 --> 00:05:39,039

tools of science to explore this

143

00:05:43,350 --> 00:05:41,280

and that person will either think that

144

00:05:45,510 --> 00:05:43,360

existing scientific models of perception

145

00:05:47,430 --> 00:05:45,520

and memory are already adequate to

146

00:05:49,350 --> 00:05:47,440

explain those experiences

147

00:05:51,590 --> 00:05:49,360

or they might think that significant or

148

00:05:52,950 --> 00:05:51,600

some might say revolutionary expansions

149

00:05:54,390 --> 00:05:52,960

of the current state of scientific

150

00:05:57,590 --> 00:05:54,400

knowledge would be required to

151
00:05:59,430 --> 00:05:57,600
understand these experiences

152
00:06:01,749 --> 00:05:59,440
a parapsychologist usually develops

153
00:06:03,550 --> 00:06:01,759
proficiency in an academic discipline

154
00:06:05,590 --> 00:06:03,560
like i said earlier it's a

155
00:06:06,950 --> 00:06:05,600
interdisciplinary field

156
00:06:09,110 --> 00:06:06,960
so

157
00:06:11,270 --> 00:06:09,120
we see people come to it from

158
00:06:12,629 --> 00:06:11,280
a lot of times from psychology but also

159
00:06:15,189 --> 00:06:12,639
anthropology

160
00:06:16,550 --> 00:06:15,199
physics mathematics

161
00:06:21,430 --> 00:06:16,560
history

162
00:06:25,029 --> 00:06:23,270
parapsychologists also usually publish

163
00:06:29,430 --> 00:06:25,039

their research in a peer-reviewed

164

00:06:33,110 --> 00:06:31,270

and finally you'll find that that

165

00:06:35,590 --> 00:06:33,120

parapsychologists usually maintain

166

00:06:37,270 --> 00:06:35,600

professional affiliations

167

00:06:39,909 --> 00:06:37,280

some of the major societies are the

168

00:06:42,870 --> 00:06:39,919

society for scientific exploration

169

00:06:44,870 --> 00:06:42,880

uh the parapsychological association

170

00:06:47,110 --> 00:06:44,880

society for psychical research and then

171

00:06:49,510 --> 00:06:47,120

there's also a lot of more locally based

172

00:06:52,469 --> 00:06:49,520

ones like the australian institute of

173

00:06:56,150 --> 00:06:52,479

parapsychology um

174

00:06:57,029 --> 00:06:56,160

multiple uh places that we can affiliate

175

00:06:59,350 --> 00:06:57,039

i want to talk about the

176

00:07:03,350 --> 00:06:59,360

parapsychological association

177

00:07:06,550 --> 00:07:03,360

for obvious reasons um the pa

178

00:07:08,469 --> 00:07:06,560

has been around since 1957 where it was

179

00:07:10,309 --> 00:07:08,479

established in the united states and it

180

00:07:11,830 --> 00:07:10,319

is affiliated with the american

181

00:07:13,430 --> 00:07:11,840

association for the advancement of

182

00:07:15,110 --> 00:07:13,440

science and has been affiliated since

183

00:07:16,950 --> 00:07:15,120

1969

184

00:07:18,790 --> 00:07:16,960

with that affiliation

185

00:07:21,270 --> 00:07:18,800

gives us a seat at the workshop of

186

00:07:25,510 --> 00:07:21,280

science because the aaas is the largest

187

00:07:28,150 --> 00:07:25,520

general scientific body uh in the world

188

00:07:30,870 --> 00:07:28,160

and then an important factor to consider

189

00:07:32,629 --> 00:07:30,880

is that the pa endorses no ideologies or

190

00:07:35,110 --> 00:07:32,639

beliefs other than

191

00:07:37,990 --> 00:07:35,120

the value of rigorous scientific and

192

00:07:39,830 --> 00:07:38,000

scholarly inquiry

193

00:07:42,070 --> 00:07:39,840

the mission of the pa

194

00:07:43,110 --> 00:07:42,080

is to advance parapsychology as a

195

00:07:45,350 --> 00:07:43,120

science

196

00:07:46,950 --> 00:07:45,360

to disseminate knowledge of the field

197

00:07:48,550 --> 00:07:46,960

and to integrate the findings of

198

00:07:51,189 --> 00:07:48,560

parapsychology with those of other

199

00:07:53,670 --> 00:07:51,199

branches of science

200

00:07:55,430 --> 00:07:53,680

to the end we have a bulletin that we

201
00:07:56,790 --> 00:07:55,440
distribute to our members

202
00:07:58,950 --> 00:07:56,800
that

203
00:08:00,869 --> 00:07:58,960
it shows you know news of the field but

204
00:08:02,790 --> 00:08:00,879
also sometimes we like to get into

205
00:08:05,029 --> 00:08:02,800
topics you know in a way that is

206
00:08:07,909 --> 00:08:05,039
life-friendly so these are fairly recent

207
00:08:10,230 --> 00:08:07,919
issues of our minefield bulletin and one

208
00:08:11,990 --> 00:08:10,240
issue is on physical theories of psy we

209
00:08:14,230 --> 00:08:12,000
had another one that focused on

210
00:08:16,710 --> 00:08:14,240
psychological theories of psy

211
00:08:18,230 --> 00:08:16,720
and one on celebrating diverse math

212
00:08:21,670 --> 00:08:18,240
methods because like i said there's

213
00:08:23,990 --> 00:08:21,680

multiple ways to approach the field

214

00:08:25,749 --> 00:08:24,000

the pa also subsidizes the journal of

215

00:08:28,150 --> 00:08:25,759

parapsychology which is published by the

216

00:08:31,589 --> 00:08:28,160

bryan research center

217

00:08:33,670 --> 00:08:31,599

it is a peer-reviewed journal usually

218

00:08:36,389 --> 00:08:33,680

containing experimental research but not

219

00:08:38,230 --> 00:08:36,399

always and it is

220

00:08:41,589 --> 00:08:38,240

widely indexed as well you might be

221

00:08:45,509 --> 00:08:41,599

surprised to find it even at your local

222

00:08:51,350 --> 00:08:48,230

and then the pa also has conferences

223

00:08:53,190 --> 00:08:51,360

an annual convention

224

00:08:55,590 --> 00:08:53,200

the last in-person conference we had was

225

00:08:57,509 --> 00:08:55,600

in 2019 in paris the year before that we

226
00:08:59,110 --> 00:08:57,519
were at the institute of noetic sciences

227
00:09:00,790 --> 00:08:59,120
in california

228
00:09:02,150 --> 00:09:00,800
a year before that we were in athens

229
00:09:04,230 --> 00:09:02,160
greece

230
00:09:06,310 --> 00:09:04,240
and then in 2016 was the last time that

231
00:09:08,310 --> 00:09:06,320
we combined forces with the society for

232
00:09:11,269 --> 00:09:08,320
scientific exploration which we did in

233
00:09:17,030 --> 00:09:14,070
we do very often like to actually meet

234
00:09:19,990 --> 00:09:17,040
in person that is typical for us but

235
00:09:23,110 --> 00:09:20,000
alas the global situation

236
00:09:24,630 --> 00:09:23,120
has us now meeting online this year

237
00:09:26,790 --> 00:09:24,640
and uh that

238
00:09:28,550 --> 00:09:26,800

is a combined convention with society

239

00:09:31,910 --> 00:09:28,560

for scientific exploration that is

240

00:09:33,269 --> 00:09:31,920

taking place july 23rd through the 31st

241

00:09:37,509 --> 00:09:33,279

at

242

00:09:41,750 --> 00:09:37,519

going to take a moment to talk about the

243

00:09:44,150 --> 00:09:41,760

society for scientific exploration

244

00:09:46,389 --> 00:09:44,160

they are a professional forum for

245

00:09:48,150 --> 00:09:46,399

presentations criticism and debate

246

00:09:50,070 --> 00:09:48,160

concerning topics which for various

247

00:09:52,470 --> 00:09:50,080

reasons are ignored or studied

248

00:09:54,790 --> 00:09:52,480

inadequately within mainstream science

249

00:09:56,389 --> 00:09:54,800

and they also like to promote improved

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00:09:58,070 --> 00:09:56,399

understanding of these factors that

251

00:10:00,790 --> 00:09:58,080

unnecessarily limit the scope of

252

00:10:03,910 --> 00:10:00,800

scientific inquiry such as sociological

253

00:10:06,310 --> 00:10:03,920

constraints restrictive worldviews

254

00:10:08,710 --> 00:10:06,320

hidden theoretical assumptions and the

255

00:10:11,350 --> 00:10:08,720

temptation to convert prevailing theory

256

00:10:15,030 --> 00:10:11,360

into prevailing dogma

257

00:10:16,550 --> 00:10:15,040

the ssc has a wide variety of topics

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00:10:20,069 --> 00:10:16,560

as they're kind of an umbrella

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00:10:21,910 --> 00:10:20,079

organization for any kind of scientific

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00:10:23,030 --> 00:10:21,920

exploration that doesn't quite have a

261

00:10:25,829 --> 00:10:23,040

home

262

00:10:27,990 --> 00:10:25,839

and so in addition to parapsychology

263

00:10:29,910 --> 00:10:28,000

you'll see

264

00:10:32,550 --> 00:10:29,920

topics like

265

00:10:33,750 --> 00:10:32,560

subtle energy

266

00:10:37,990 --> 00:10:33,760

currently

267

00:10:41,430 --> 00:10:38,000

understood astronomical ideas ufo ology

268

00:10:43,990 --> 00:10:41,440

sometimes cryptozoology

269

00:10:47,110 --> 00:10:44,000

bioenergy complementary medicine all

270

00:10:50,069 --> 00:10:47,120

kinds of fascinating topics

271

00:10:52,230 --> 00:10:50,079

and like the pa they also have a lay

272

00:10:53,750 --> 00:10:52,240

friendly bulletin or a magazine called

273

00:10:55,829 --> 00:10:53,760

edge science

274

00:10:57,030 --> 00:10:55,839

they have a peer review peer-reviewed

275

00:10:59,750 --> 00:10:57,040

journal

276

00:11:01,590 --> 00:10:59,760

and they also host conventions on an

277

00:11:04,550 --> 00:11:01,600

annual basis

278

00:11:08,310 --> 00:11:04,560

and of course the the pa is very pleased

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00:11:10,710 --> 00:11:08,320

to be combining with ssc this year

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00:11:11,990 --> 00:11:10,720

um to have an event that is going to be

281

00:11:13,350 --> 00:11:12,000

pretty broad

282

00:11:14,389 --> 00:11:13,360

but um

283

00:11:16,630 --> 00:11:14,399

you'll find that

284

00:11:19,350 --> 00:11:16,640

more than half of the topics of this

285

00:11:21,750 --> 00:11:19,360

convention convention are going to be

286

00:11:24,230 --> 00:11:21,760

on parapsychology and so i want to get

287

00:11:26,710 --> 00:11:24,240

just a little bit more in depth

288

00:11:29,509 --> 00:11:26,720

uh into that field

289

00:11:32,870 --> 00:11:29,519

so first let's examine

290

00:11:35,030 --> 00:11:32,880

how we have studied extra extra sensory

291

00:11:37,430 --> 00:11:35,040

perception over the last

292

00:11:39,750 --> 00:11:37,440

last few decades at least i'm going to

293

00:11:44,230 --> 00:11:39,760

start with the rhine era

294

00:11:47,110 --> 00:11:44,240

roughly the 1930s through the 1960s

295

00:11:48,389 --> 00:11:47,120

and one of the prevailing

296

00:11:50,710 --> 00:11:48,399

paradigms

297

00:11:51,990 --> 00:11:50,720

is something that we call forced choice

298

00:11:53,590 --> 00:11:52,000

testing

299

00:11:56,550 --> 00:11:53,600

and that is when a participant has to

300

00:11:59,590 --> 00:11:56,560

choose the side target among a number of

301

00:12:01,430 --> 00:11:59,600

fixed alternatives such as a number

302

00:12:03,269 --> 00:12:01,440

zener cards which we see over here on

303

00:12:05,590 --> 00:12:03,279

the left playing cards

304

00:12:08,790 --> 00:12:05,600

or colors

305

00:12:11,350 --> 00:12:08,800

zener cards were esp testing cards named

306

00:12:14,310 --> 00:12:11,360

after the perceptual psychologist carl

307

00:12:15,910 --> 00:12:14,320

zeiner who apparently suggested uh the

308

00:12:17,829 --> 00:12:15,920

symbols that would be used on those

309

00:12:19,430 --> 00:12:17,839

cards which you can see here are a

310

00:12:24,230 --> 00:12:19,440

circle across

311

00:12:27,750 --> 00:12:24,240

some wavy lines a square and a star

312

00:12:30,389 --> 00:12:27,760

and most of the research of this era was

313

00:12:32,550 --> 00:12:30,399

designed to be proof oriented and that

314

00:12:35,430 --> 00:12:32,560

was designed to determine the degree to

315

00:12:38,870 --> 00:12:35,440

which sci experiences can be verified

316

00:12:40,949 --> 00:12:38,880

using current scientific methods

317

00:12:42,629 --> 00:12:40,959

this type of research got its start

318

00:12:44,310 --> 00:12:42,639

right around when

319

00:12:45,910 --> 00:12:44,320

probabilities

320

00:12:48,150 --> 00:12:45,920

and probability methods were being

321

00:12:50,230 --> 00:12:48,160

figured out in statistics

322

00:12:51,670 --> 00:12:50,240

and so we very much see the growth of

323

00:12:55,030 --> 00:12:51,680

statistics and the growth of

324

00:12:57,750 --> 00:12:55,040

parapsychology side by side

325

00:13:00,069 --> 00:12:57,760

in the 1970s to the 1990s one of the

326

00:13:02,389 --> 00:13:00,079

prevailing research paradigms was the

327

00:13:04,470 --> 00:13:02,399

gonsfeld experiment and this was a

328

00:13:06,629 --> 00:13:04,480

process oriented experiment which was

329

00:13:09,030 --> 00:13:06,639

designed to learn more about the

330

00:13:11,190 --> 00:13:09,040

psychological physiological and physical

331

00:13:13,350 --> 00:13:11,200

mechanisms of psy it doesn't mean that

332

00:13:14,710 --> 00:13:13,360

every ganzfeld experiment was process

333

00:13:16,310 --> 00:13:14,720

oriented some of them were very much

334

00:13:17,590 --> 00:13:16,320

proof oriented

335

00:13:19,350 --> 00:13:17,600

but

336

00:13:21,670 --> 00:13:19,360

we get the opportunity to look at some

337

00:13:23,750 --> 00:13:21,680

more things just besides whether psy

338

00:13:26,389 --> 00:13:23,760

exists or not

339

00:13:28,710 --> 00:13:26,399

another feature of this arrow is free

340

00:13:30,310 --> 00:13:28,720

response testing where a participant

341

00:13:32,470 --> 00:13:30,320

gets to respond freely reporting

342

00:13:35,190 --> 00:13:32,480

whatever images memories and feelings

343

00:13:36,949 --> 00:13:35,200

come to mind and usually the targets for

344

00:13:39,110 --> 00:13:36,959

these type of experiments are not zener

345

00:13:43,670 --> 00:13:39,120

cards but they could be like art prints

346

00:13:45,670 --> 00:13:43,680

or video clips um or you know things of

347

00:13:48,389 --> 00:13:45,680

hopefully an intense and emotional

348

00:13:49,189 --> 00:13:48,399

reaction

349

00:13:51,430 --> 00:13:49,199

and

350

00:13:53,829 --> 00:13:51,440

we also start to look at research

351
00:13:55,590 --> 00:13:53,839
into altered states which is any mental

352
00:13:58,069 --> 00:13:55,600
state that is differing from that of a

353
00:14:00,150 --> 00:13:58,079
normal awakening condition

354
00:14:01,750 --> 00:14:00,160
um the gondfel the gonzfeld in

355
00:14:04,550 --> 00:14:01,760
particular is a special type of

356
00:14:07,430 --> 00:14:04,560
environment or a technique for producing

357
00:14:10,389 --> 00:14:07,440
it that consisted of a homogeneous

358
00:14:13,110 --> 00:14:10,399
unpatterned sensory stimulation so you

359
00:14:14,150 --> 00:14:13,120
can see here in this picture that this

360
00:14:16,949 --> 00:14:14,160
person

361
00:14:19,750 --> 00:14:16,959
has a well it's a little fuzzy there's

362
00:14:22,710 --> 00:14:19,760
half ping ping pong balls over this

363
00:14:24,710 --> 00:14:22,720

person's eyes there's a red light

364

00:14:25,590 --> 00:14:24,720

being shot on the face and then

365

00:14:27,430 --> 00:14:25,600

um

366

00:14:29,269 --> 00:14:27,440

with the headphones where we got white

367

00:14:30,470 --> 00:14:29,279

noise and so what that's doing is it's

368

00:14:31,829 --> 00:14:30,480

kind of creating

369

00:14:34,949 --> 00:14:31,839

like a

370

00:14:37,829 --> 00:14:34,959

sort of an unpatterned field that allows

371

00:14:40,230 --> 00:14:37,839

the brain to sort of reach for

372

00:14:42,790 --> 00:14:40,240

more interesting stimuli and we hope

373

00:14:45,829 --> 00:14:42,800

that that stimuli will be the target in

374

00:14:47,910 --> 00:14:45,839

an experiment

375

00:14:50,230 --> 00:14:47,920

um

376

00:14:51,829 --> 00:14:50,240

in the 1990s we started to see more

377

00:14:53,110 --> 00:14:51,839

researchers looking at unconscious

378

00:14:55,030 --> 00:14:53,120

science it doesn't mean that they

379

00:14:57,110 --> 00:14:55,040

stopped doing gonsfeld experiments in

380

00:14:58,710 --> 00:14:57,120

fact at the upcoming conference

381

00:15:01,350 --> 00:14:58,720

professor carolyn watts going to tell us

382

00:15:03,110 --> 00:15:01,360

about how the gunsfield is still useful

383

00:15:04,069 --> 00:15:03,120

even in the 2020s

384

00:15:07,110 --> 00:15:04,079

um

385

00:15:09,269 --> 00:15:07,120

but when we are dealing with this

386

00:15:11,509 --> 00:15:09,279

well several decades of research

387

00:15:13,030 --> 00:15:11,519

a couple things come to mind the the

388

00:15:15,509 --> 00:15:13,040

previous periods we're looking at

389

00:15:17,590 --> 00:15:15,519

explicit anomalous cognition and that is

390

00:15:19,509 --> 00:15:17,600

conscious attempts by participants to

391

00:15:22,230 --> 00:15:19,519

produce a psy effect

392

00:15:24,790 --> 00:15:22,240

um in the unconscious side we're looking

393

00:15:26,470 --> 00:15:24,800

more at implicit anomalous cognition and

394

00:15:29,350 --> 00:15:26,480

these are side effects that are produced

395

00:15:31,350 --> 00:15:29,360

by effective and cognitive processes

396

00:15:33,269 --> 00:15:31,360

that are not accessible to conscious

397

00:15:34,069 --> 00:15:33,279

awareness or control

398

00:15:35,670 --> 00:15:34,079

and

399

00:15:37,829 --> 00:15:35,680

a popular

400

00:15:39,430 --> 00:15:37,839

uh thing to study during this time is

401
00:15:42,230 --> 00:15:39,440
presentement which is sort of an

402
00:15:44,310 --> 00:15:42,240
unconscious form of precognition

403
00:15:47,030 --> 00:15:44,320
and we would see that done both with

404
00:15:49,350 --> 00:15:47,040
selected stub selected subjects and so

405
00:15:50,790 --> 00:15:49,360
that would be study participants who are

406
00:15:52,550 --> 00:15:50,800
chosen because they have particular

407
00:15:54,150 --> 00:15:52,560
skills or traits such as advanced

408
00:15:56,150 --> 00:15:54,160
meditators

409
00:15:58,790 --> 00:15:56,160
or unselected subjects and these are

410
00:16:01,030 --> 00:15:58,800
study participants who participate in

411
00:16:03,030 --> 00:16:01,040
studies either by convenience or as a

412
00:16:06,710 --> 00:16:03,040
representative of the

413
00:16:10,870 --> 00:16:08,629

in these experiments it's typical for

414

00:16:12,870 --> 00:16:10,880

there to first be a stimulus and then

415

00:16:15,670 --> 00:16:12,880

and then we measure how

416

00:16:17,829 --> 00:16:15,680

the participant responds to it some exam

417

00:16:22,230 --> 00:16:17,839

examples of stimulus

418

00:16:24,470 --> 00:16:22,240

or stimuli visual um it could be

419

00:16:26,710 --> 00:16:24,480

violent erotic or neutral pictures

420

00:16:28,550 --> 00:16:26,720

sometimes experiments have used light

421

00:16:31,189 --> 00:16:28,560

flashes as a stimuli

422

00:16:34,150 --> 00:16:31,199

or auditory stimuli such as neutral and

423

00:16:36,790 --> 00:16:34,160

unpleasant sounds or startling sounds

424

00:16:38,629 --> 00:16:36,800

and then to measure response

425

00:16:39,749 --> 00:16:38,639

these studies can do a number of things

426

00:16:41,749 --> 00:16:39,759

but the most common would be

427

00:16:42,870 --> 00:16:41,759

electrodermal activity

428

00:16:45,590 --> 00:16:42,880

heart rate

429

00:16:47,990 --> 00:16:45,600

blood volume respiration people dilation

430

00:16:52,230 --> 00:16:48,000

blink rate eeg

431

00:16:56,389 --> 00:16:54,790

this is how a typical trial would go for

432

00:16:57,350 --> 00:16:56,399

the participant they would just feel

433

00:16:58,949 --> 00:16:57,360

like they're

434

00:17:00,710 --> 00:16:58,959

they're sitting in a chair and watching

435

00:17:02,069 --> 00:17:00,720

a slideshow

436

00:17:04,390 --> 00:17:02,079

because this stuff

437

00:17:05,270 --> 00:17:04,400

runs automatically and randomly

438

00:17:07,429 --> 00:17:05,280

and

439

00:17:08,470 --> 00:17:07,439

so the participant may or may not press

440

00:17:10,630 --> 00:17:08,480

a button

441

00:17:13,110 --> 00:17:10,640

uh at which point there's about five

442

00:17:15,829 --> 00:17:13,120

seconds of a blank screen

443

00:17:19,669 --> 00:17:15,839

then the computer randomly chose chooses

444

00:17:22,230 --> 00:17:19,679

a photo which can be you know negative

445

00:17:23,829 --> 00:17:22,240

positive or neutral

446

00:17:27,829 --> 00:17:23,839

and then that's followed by 10 seconds

447

00:17:29,510 --> 00:17:27,839

of blank screen and then repeat

448

00:17:31,430 --> 00:17:29,520

and so what's been interesting about

449

00:17:33,590 --> 00:17:31,440

this research paradigm is that this is

450

00:17:34,549 --> 00:17:33,600

what a typical study result might look

451
00:17:36,710 --> 00:17:34,559
like

452
00:17:39,590 --> 00:17:36,720
we can see that um

453
00:17:42,549 --> 00:17:39,600
oh my mouse works look at that um we can

454
00:17:43,990 --> 00:17:42,559
see here for the emotional photos

455
00:17:46,230 --> 00:17:44,000
that

456
00:17:47,909 --> 00:17:46,240
you know during while looking at the

457
00:17:49,110 --> 00:17:47,919
photo we kind of we see kind of a flat

458
00:17:49,909 --> 00:17:49,120
response because

459
00:17:59,270 --> 00:17:49,919
the

460
00:18:01,110 --> 00:17:59,280
strong response

461
00:18:02,390 --> 00:18:01,120
for the calm ones we

462
00:18:04,150 --> 00:18:02,400
not so much

463
00:18:06,070 --> 00:18:04,160

you know we just kind of relax a little

464

00:18:07,510 --> 00:18:06,080

bit and this is you know what we expect

465

00:18:08,789 --> 00:18:07,520

to see during a slideshow but what's

466

00:18:11,590 --> 00:18:08,799

really interesting in the presentment

467

00:18:13,350 --> 00:18:11,600

studies is that before

468

00:18:16,310 --> 00:18:13,360

uh the calm

469

00:18:18,630 --> 00:18:16,320

or before the emotional photos we see

470

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

this little teeny bump right here

471

00:18:21,590 --> 00:18:20,320

we see the the

472

00:18:22,950 --> 00:18:21,600

the body

473

00:18:24,950 --> 00:18:22,960

responding

474

00:18:27,029 --> 00:18:24,960

to a photo that hasn't even been

475

00:18:28,710 --> 00:18:27,039

selected yet

476

00:18:30,630 --> 00:18:28,720

and this is really interesting to

477

00:18:33,270 --> 00:18:30,640

research this is something that has been

478

00:18:35,270 --> 00:18:33,280

studied pretty exhaustively over the last

479

00:18:37,830 --> 00:18:35,280

couple of decades and we'll come back to

480

00:18:41,110 --> 00:18:37,840

that in a little bit

481

00:18:43,590 --> 00:18:41,120

um inspired by these presentment

482

00:18:46,390 --> 00:18:43,600

studies

483

00:18:50,710 --> 00:18:46,400

and the gonzfeld and other

484

00:18:53,590 --> 00:18:50,720

currents in parapsychology daryl bem

485

00:18:55,270 --> 00:18:53,600

published in 2011 a landmark study

486

00:18:57,590 --> 00:18:55,280

called feeling of the feature

487

00:18:59,990 --> 00:18:57,600

experimental evidence for anomalous

488

00:19:02,390 --> 00:19:00,000

retroactive influences on cognition and

489

00:19:05,110 --> 00:19:02,400

affect and he published it in a high

490

00:19:06,789 --> 00:19:05,120

impact mainstream psychology journal the

491

00:19:08,830 --> 00:19:06,799

journal of personality and social

492

00:19:10,630 --> 00:19:08,840

psychology

493

00:19:15,350 --> 00:19:10,640

uh

494

00:19:18,630 --> 00:19:15,360

he's not retired but at the time he was

495

00:19:19,990 --> 00:19:18,640

a professor at cornell university

496

00:19:22,230 --> 00:19:20,000

he did

497

00:19:24,549 --> 00:19:22,240

nine experiments over a thousand

498

00:19:26,390 --> 00:19:24,559

subjects in 15 years of research

499

00:19:27,830 --> 00:19:26,400

and out of those nine experiments eight

500

00:19:30,710 --> 00:19:27,840

of them produced statistically

501
00:19:32,630 --> 00:19:30,720
significant evidence for precognition

502
00:19:35,190 --> 00:19:32,640
what he did was he time reversed

503
00:19:37,270 --> 00:19:35,200
well-established uh psychological

504
00:19:40,630 --> 00:19:37,280
experiments so that the individual's

505
00:19:43,190 --> 00:19:40,640
responses were obtained before

506
00:19:45,750 --> 00:19:43,200
the causal stimulus events would occur

507
00:19:48,230 --> 00:19:45,760
so for example um

508
00:19:52,150 --> 00:19:48,240
one of the experiments was a memory test

509
00:19:53,590 --> 00:19:52,160
and so uh in the typical mainstream

510
00:19:55,270 --> 00:19:53,600
paradigm what would happen is the

511
00:19:56,710 --> 00:19:55,280
subject would come in study some words

512
00:19:59,190 --> 00:19:56,720
and then their memory of those words

513
00:20:00,230 --> 00:19:59,200

would be tested but in the time reverse

514

00:20:02,710 --> 00:20:00,240

version

515

00:20:04,789 --> 00:20:02,720

ben would have people take the test

516

00:20:06,789 --> 00:20:04,799

first and then

517

00:20:08,390 --> 00:20:06,799

study the words after

518

00:20:09,750 --> 00:20:08,400

and he found that sometimes they were

519

00:20:10,470 --> 00:20:09,760

able to

520

00:20:12,390 --> 00:20:10,480

to

521

00:20:16,789 --> 00:20:12,400

know the right words even though they

522

00:20:19,669 --> 00:20:18,310

what's brilliant about these studies is

523

00:20:21,990 --> 00:20:19,679

that they were designed to be simple

524

00:20:23,990 --> 00:20:22,000

statistically and easy to replicate and

525

00:20:25,990 --> 00:20:24,000

replicate we did

526

00:20:27,270 --> 00:20:26,000

um and so we're still talking about

527

00:20:29,430 --> 00:20:27,280

these studies and you're going to see it

528

00:20:31,510 --> 00:20:29,440

come up at the conference about how

529

00:20:33,510 --> 00:20:31,520

how what people have done with this

530

00:20:35,590 --> 00:20:33,520

paradigm whether they're doing a

531

00:20:36,950 --> 00:20:35,600

straight replication or they're taking

532

00:20:38,230 --> 00:20:36,960

some aspect of it and looking more

533

00:20:39,990 --> 00:20:38,240

closely at it we're gonna we're gonna

534

00:20:42,310 --> 00:20:40,000

hear more about this at the

535

00:20:44,710 --> 00:20:42,320

convention

536

00:20:48,230 --> 00:20:44,720

um all right so moving on to mind matter

537

00:20:51,190 --> 00:20:49,590

um

538

00:20:55,510 --> 00:20:51,200

there are two

539

00:20:58,470 --> 00:20:55,520

broad categories of psychokinesis

540

00:21:00,549 --> 00:20:58,480

and we refer to them as macro pk and

541

00:21:04,470 --> 00:21:00,559

micro pk

542

00:21:07,029 --> 00:21:04,480

macro pk is manipulations of visible

543

00:21:07,909 --> 00:21:07,039

objects at rest

544

00:21:09,669 --> 00:21:07,919

um

545

00:21:11,830 --> 00:21:09,679

although in spoon bending sometimes

546

00:21:13,669 --> 00:21:11,840

they're being handled but in general

547

00:21:16,710 --> 00:21:13,679

we're talking about the manipulation of

548

00:21:18,870 --> 00:21:16,720

large objects whereas in micro pk

549

00:21:21,669 --> 00:21:18,880

we're doing manipulations of invisible

550

00:21:24,070 --> 00:21:21,679

processes that are in motion and we see

551
00:21:26,549 --> 00:21:24,080
in the picture here this is a celeron

552
00:21:28,710 --> 00:21:26,559
device this is an electronic device that

553
00:21:30,710 --> 00:21:28,720
hooks up to a computer

554
00:21:34,789 --> 00:21:30,720
and what it does is

555
00:21:38,549 --> 00:21:34,799
it measures radioactive decay

556
00:21:41,830 --> 00:21:38,559
macro pk it can be difficult to quantify

557
00:21:44,149 --> 00:21:41,840
but micro pk is quantifiable

558
00:21:45,990 --> 00:21:44,159
macro pk is going to require exceptional

559
00:21:51,909 --> 00:21:46,000
subjects

560
00:21:53,909 --> 00:21:51,919
but in a micro pk experiment anybody can

561
00:21:55,990 --> 00:21:53,919
participate

562
00:21:59,350 --> 00:21:56,000
in macro pk it can be difficult to

563
00:22:01,750 --> 00:21:59,360

detect to prevent subject fraud

564

00:22:05,350 --> 00:22:01,760

whereas micro pk is only susceptible to

565

00:22:11,029 --> 00:22:09,190

some early studies of micro pk

566

00:22:13,430 --> 00:22:11,039

provided some interesting

567

00:22:15,270 --> 00:22:13,440

evidence for ordinary volunteers

568

00:22:17,510 --> 00:22:15,280

mentally affecting things like the fall

569

00:22:19,430 --> 00:22:17,520

of rolling die which you see in one of

570

00:22:21,270 --> 00:22:19,440

the pictures here

571

00:22:23,430 --> 00:22:21,280

or the sequence of numbers that would be

572

00:22:25,510 --> 00:22:23,440

produced by electronic random number

573

00:22:27,510 --> 00:22:25,520

generators

574

00:22:29,669 --> 00:22:27,520

following that there was a long research

575

00:22:32,470 --> 00:22:29,679

program at the princeton engineering

576
00:22:34,630 --> 00:22:32,480
anomalies research

577
00:22:36,870 --> 00:22:34,640
lab

578
00:22:38,549 --> 00:22:36,880
and that program continued for nearly 30

579
00:22:41,350 --> 00:22:38,559
years

580
00:22:43,830 --> 00:22:41,360
uh with individuals

581
00:22:47,909 --> 00:22:43,840
attempting to influence

582
00:22:52,870 --> 00:22:50,390
following the closing of that lab

583
00:22:54,390 --> 00:22:52,880
actually even before it closed we we saw

584
00:22:56,549 --> 00:22:54,400
as an offshoot to the global

585
00:22:57,830 --> 00:22:56,559
consciousness project

586
00:22:59,190 --> 00:22:57,840
and that is an international

587
00:23:01,590 --> 00:22:59,200
collaboration of scientists and

588
00:23:04,070 --> 00:23:01,600

engineers who are using a global network

589

00:23:04,950 --> 00:23:04,080

of random event generators around the

590

00:23:06,149 --> 00:23:04,960

world

591

00:23:07,830 --> 00:23:06,159

they're testing the claim that there

592

00:23:09,110 --> 00:23:07,840

exists a unified field of human

593

00:23:10,870 --> 00:23:09,120

consciousness

594

00:23:13,110 --> 00:23:10,880

and they look for evidence that thoughts

595

00:23:16,070 --> 00:23:13,120

emotions and perceptions may potentially

596

00:23:18,789 --> 00:23:16,080

cohere in response to major world events

597

00:23:22,149 --> 00:23:18,799

producing detectable effects and they do

598

00:23:23,350 --> 00:23:22,159

certainly get some interesting ones

599

00:23:24,950 --> 00:23:23,360

i want to talk for a moment about

600

00:23:26,230 --> 00:23:24,960

meta-analysis though because this is

601
00:23:28,789 --> 00:23:26,240
something that we're going to see come

602
00:23:29,669 --> 00:23:28,799
up a lot also at the conference

603
00:23:32,070 --> 00:23:29,679
um

604
00:23:34,870 --> 00:23:32,080
just real brief meta-analysis

605
00:23:36,870 --> 00:23:34,880
is a statistics technique that combines

606
00:23:38,230 --> 00:23:36,880
like studies

607
00:23:40,630 --> 00:23:38,240
and what it does is it allows

608
00:23:41,590 --> 00:23:40,640
researchers to identify trends in those

609
00:23:43,669 --> 00:23:41,600
studies

610
00:23:46,149 --> 00:23:43,679
because more data creates a possibility

611
00:23:48,549 --> 00:23:46,159
for more patterns to emerge

612
00:23:50,710 --> 00:23:48,559
and this is useful when smaller studies

613
00:23:52,549 --> 00:23:50,720

have been found to be contradictory or

614

00:23:56,710 --> 00:23:52,559

weak

615

00:23:59,350 --> 00:23:56,720

but it is you know subject to

616

00:24:02,549 --> 00:23:59,360

um sometimes subject to bias it's a kind

617

00:24:04,630 --> 00:24:02,559

of a subjective enterprise sometimes and

618

00:24:05,909 --> 00:24:04,640

so um

619

00:24:07,350 --> 00:24:05,919

one of the

620

00:24:09,750 --> 00:24:07,360

wonderful things that has happened in

621

00:24:12,230 --> 00:24:09,760

the field is that there's been a lot

622

00:24:14,470 --> 00:24:12,240

of meta-analyses that have been

623

00:24:16,630 --> 00:24:14,480

published in mainstream journals and so

624

00:24:18,070 --> 00:24:16,640

i have here just a handful

625

00:24:21,110 --> 00:24:18,080

of some fairly current ones and if you

626

00:24:23,430 --> 00:24:21,120

look at the list we got let's see f 1000

627

00:24:25,430 --> 00:24:23,440

research psychological bulletin

628

00:24:27,350 --> 00:24:25,440

frontiers in psychology

629

00:24:28,549 --> 00:24:27,360

journal of alternative and complementary

630

00:24:30,230 --> 00:24:28,559

medicine

631

00:24:33,510 --> 00:24:30,240

british journal of psychology and

632

00:24:35,750 --> 00:24:33,520

psychological bulletin um meta-analyses

633

00:24:39,350 --> 00:24:35,760

are fantastic but they're also kind of a

634

00:24:42,390 --> 00:24:39,360

source of debate and so you may see some

635

00:24:43,669 --> 00:24:42,400

some people arguing or debating about uh

636

00:24:45,110 --> 00:24:43,679

you know which

637

00:24:48,149 --> 00:24:45,120

should we have included the study and

638

00:24:49,830 --> 00:24:48,159

the analysis or not included that study

639

00:24:51,190 --> 00:24:49,840

and you know in the process of science

640

00:24:52,630 --> 00:24:51,200

sometimes we can get very detailed on

641

00:24:55,190 --> 00:24:52,640

these things so you might see that at

642

00:24:56,549 --> 00:24:55,200

the conference

643

00:24:58,830 --> 00:24:56,559

finally

644

00:25:01,430 --> 00:24:58,840

the survival of bodily

645

00:25:03,110 --> 00:25:01,440

death and i'm just going to quickly

646

00:25:05,510 --> 00:25:03,120

define a few things and then we'll talk

647

00:25:06,230 --> 00:25:05,520

about some more slightly more in depth

648

00:25:08,070 --> 00:25:06,240

so

649

00:25:10,390 --> 00:25:08,080

survival phenomenon it includes

650

00:25:12,789 --> 00:25:10,400

reincarnation that's a form of survival

651
00:25:14,710 --> 00:25:12,799
in which the human soul or some aspects

652
00:25:16,630 --> 00:25:14,720
of self is after the death of the body

653
00:25:18,870 --> 00:25:16,640
were born into a new body

654
00:25:21,269 --> 00:25:18,880
and this process purported to be

655
00:25:23,110 --> 00:25:21,279
repeated through many lives

656
00:25:25,909 --> 00:25:23,120
out of body experiences that's an

657
00:25:27,510 --> 00:25:25,919
experience either spontaneous or induced

658
00:25:29,430 --> 00:25:27,520
and which one's center of consciousness

659
00:25:31,750 --> 00:25:29,440
seems to be in a special location a

660
00:25:33,269 --> 00:25:31,760
spatial location outside of one's

661
00:25:35,350 --> 00:25:33,279
physical body

662
00:25:37,029 --> 00:25:35,360
and then there's near-death experiences

663
00:25:38,710 --> 00:25:37,039

these are experiences undergone by

664

00:25:39,990 --> 00:25:38,720

persons who either seem to be at the

665

00:25:42,310 --> 00:25:40,000

point of death

666

00:25:44,549 --> 00:25:42,320

or who are even formally declared dead

667

00:25:47,110 --> 00:25:44,559

but then recover or who narrowly escape

668

00:25:48,789 --> 00:25:47,120

death without being seriously injured

669

00:25:51,029 --> 00:25:48,799

and we find that there's kind of some

670

00:25:52,630 --> 00:25:51,039

core experiences around the ndes that

671

00:25:55,110 --> 00:25:52,640

sort of shape that experience and those

672

00:25:57,750 --> 00:25:55,120

include a feeling of indescribable peace

673

00:25:59,750 --> 00:25:57,760

a sense of being out of one's body

674

00:26:00,630 --> 00:25:59,760

movement into a dark void or down a

675

00:26:02,470 --> 00:26:00,640

tunnel

676
00:26:03,510 --> 00:26:02,480
seeing a brilliant light and entering

677
00:26:05,590 --> 00:26:03,520
that light

678
00:26:07,909 --> 00:26:05,600
panoramic memory

679
00:26:11,750 --> 00:26:07,919
such as the life review

680
00:26:14,230 --> 00:26:11,760
and encountering presences

681
00:26:17,029 --> 00:26:14,240
also under the umbrella of survival

682
00:26:18,789 --> 00:26:17,039
research we consider hauntings

683
00:26:20,870 --> 00:26:18,799
and uh haunting is a regular occurrence

684
00:26:22,549 --> 00:26:20,880
of anomalous phenomena associated with a

685
00:26:24,870 --> 00:26:22,559
particular locality and usually

686
00:26:26,950 --> 00:26:24,880
attributed to the activities of a

687
00:26:28,549 --> 00:26:26,960
discarnate entity

688
00:26:29,909 --> 00:26:28,559

some of the fun phenomena that we will

689

00:26:33,269 --> 00:26:29,919

see at haunted houses include

690

00:26:35,029 --> 00:26:33,279

apparitions object movements cold drafts

691

00:26:37,110 --> 00:26:35,039

sounds of stabs and or voices and

692

00:26:40,630 --> 00:26:37,120

various odors

693

00:26:43,430 --> 00:26:40,640

um more generally though uh is the

694

00:26:44,310 --> 00:26:43,440

apparitional experience

695

00:26:47,669 --> 00:26:44,320

um

696

00:26:49,590 --> 00:26:47,679

which comes from the latin apparate to

697

00:26:51,909 --> 00:26:49,600

show oneself

698

00:26:54,470 --> 00:26:51,919

and it is an experience in which there

699

00:26:56,710 --> 00:26:54,480

appears to be present a person animal

700

00:26:59,350 --> 00:26:56,720

object or scene who or which is out of

701
00:27:01,029 --> 00:26:59,360
the sensory range of the witness this is

702
00:27:03,110 --> 00:27:01,039
a little bit broader than the idea of a

703
00:27:05,909 --> 00:27:03,120
ghost apparitions do not need to happen

704
00:27:07,990 --> 00:27:05,919
in haunted contexts

705
00:27:09,350 --> 00:27:08,000
and roughly 10 of the population has

706
00:27:11,750 --> 00:27:09,360
seen them

707
00:27:14,549 --> 00:27:11,760
except for there's a 1947 study where it

708
00:27:16,630 --> 00:27:14,559
was 14 but that's kind of roughly

709
00:27:18,230 --> 00:27:16,640
uh how that experience is distributed in

710
00:27:20,789 --> 00:27:18,240
the population

711
00:27:24,310 --> 00:27:20,799
um so at personal experiences are very

712
00:27:27,029 --> 00:27:24,320
interesting and and they can be

713
00:27:29,510 --> 00:27:27,039

stimulated in a laboratory using

714

00:27:34,070 --> 00:27:29,520

something we call a psychomantium

715

00:27:36,549 --> 00:27:34,080

which is greek for theater of the mind

716

00:27:38,310 --> 00:27:36,559

um and so this is a

717

00:27:40,470 --> 00:27:38,320

a darkened room

718

00:27:43,909 --> 00:27:40,480

with a tilted mirror

719

00:27:45,830 --> 00:27:43,919

and somebody in a relaxed position

720

00:27:47,110 --> 00:27:45,840

pretty much scrying which is mirror

721

00:27:49,110 --> 00:27:47,120

gazing

722

00:27:51,350 --> 00:27:49,120

and the setup is designed to induce

723

00:27:53,029 --> 00:27:51,360

apparition-like experiences

724

00:27:54,710 --> 00:27:53,039

it often does

725

00:27:57,350 --> 00:27:54,720

it creates a controlled condition for

726

00:28:00,230 --> 00:27:57,360

stimulating apparitions

727

00:28:02,230 --> 00:28:00,240

and for that reason we see i think we

728

00:28:04,389 --> 00:28:02,240

see at least one study like the upcoming

729

00:28:07,269 --> 00:28:04,399

convention we've seen that used as a

730

00:28:09,830 --> 00:28:07,279

tool for that kind of research

731

00:28:11,029 --> 00:28:09,840

poltergeists are

732

00:28:12,389 --> 00:28:11,039

tricky

733

00:28:15,190 --> 00:28:12,399

the literal

734

00:28:16,950 --> 00:28:15,200

translation is a poltergeist is a noisy

735

00:28:19,269 --> 00:28:16,960

and mischievous ghost

736

00:28:21,909 --> 00:28:19,279

a spirit capable of making mysterious

737

00:28:23,269 --> 00:28:21,919

noises that's from webster's dictionary

738

00:28:25,750 --> 00:28:23,279

poulter

739

00:28:28,470 --> 00:28:25,760

derives from the verb poultron which

740

00:28:31,510 --> 00:28:28,480

means rumble or to make noise or bluster

741

00:28:33,669 --> 00:28:31,520

and geist means spirit apparition or

742

00:28:35,190 --> 00:28:33,679

ghost in the field of parapsychology

743

00:28:37,669 --> 00:28:35,200

though we have some other ideas about

744

00:28:39,990 --> 00:28:37,679

what's going on with the poltergeist and

745

00:28:40,789 --> 00:28:40,000

some people have suggested that it might

746

00:28:43,830 --> 00:28:40,799

be

747

00:28:47,430 --> 00:28:43,840

not an actual noisy ghost but a

748

00:28:49,830 --> 00:28:47,440

situation of unconscious psychokinesis

749

00:28:52,950 --> 00:28:49,840

in fact the term they use is recurrent

750

00:28:53,909 --> 00:28:52,960

spontaneous psychokinesis

751
00:28:56,149 --> 00:28:53,919
and

752
00:28:58,630 --> 00:28:56,159
this came about because investigators

753
00:29:00,630 --> 00:28:58,640
started to notice that moving objects

754
00:29:03,190 --> 00:29:00,640
and strange noises seem to focus around

755
00:29:05,830 --> 00:29:03,200
a central person who we would call often

756
00:29:08,230 --> 00:29:05,840
the rspk agent

757
00:29:09,909 --> 00:29:08,240
and these

758
00:29:12,470 --> 00:29:09,919
objects and noises will manifest

759
00:29:14,470 --> 00:29:12,480
spontaneously but do not seem to be

760
00:29:17,110 --> 00:29:14,480
willfully controlled

761
00:29:19,909 --> 00:29:17,120
by the central person or the rspk agent

762
00:29:22,310 --> 00:29:19,919
so it's thought to act on an unconscious

763
00:29:24,789 --> 00:29:23,430

um

764

00:29:27,750 --> 00:29:24,799

so finally i just want to give you a

765

00:29:29,750 --> 00:29:27,760

review overview of where you can find

766

00:29:32,630 --> 00:29:29,760

the various universities laboratories

767

00:29:34,230 --> 00:29:32,640

and societies in the field

768

00:29:36,630 --> 00:29:34,240

this map is a little bit dated but i

769

00:29:38,789 --> 00:29:36,640

think it still holds true

770

00:29:40,389 --> 00:29:38,799

as you can see here most of the

771

00:29:43,510 --> 00:29:40,399

all these pins represent

772

00:29:45,029 --> 00:29:43,520

again a university research center or

773

00:29:47,190 --> 00:29:45,039

laboratory

774

00:29:50,070 --> 00:29:47,200

and a lot of these pins are in europe

775

00:29:51,990 --> 00:29:50,080

um and and europe is enjoying a lot of

776
00:29:54,070 --> 00:29:52,000
success even at the institutional level

777
00:29:55,029 --> 00:29:54,080
and universities as far as you know

778
00:29:58,389 --> 00:29:55,039
teaching

779
00:30:00,149 --> 00:29:58,399
and studying parapsychology

780
00:30:02,310 --> 00:30:00,159
if you look to the coasts of north

781
00:30:03,430 --> 00:30:02,320
america you'll see a handful

782
00:30:07,190 --> 00:30:03,440
of

783
00:30:09,029 --> 00:30:07,200
centers and tiny bit in south america

784
00:30:12,310 --> 00:30:09,039
but only you know elsewhere in the world

785
00:30:14,789 --> 00:30:12,320
there's one in japan one in india one in

786
00:30:20,070 --> 00:30:14,799
australia but as you can see things are

787
00:30:23,990 --> 00:30:21,430
so if you're interested in learning

788
00:30:25,990 --> 00:30:24,000

about more about the field and you come

789

00:30:27,269 --> 00:30:26,000

from a scientific background or you're a

790

00:30:29,830 --> 00:30:27,279

student

791

00:30:33,350 --> 00:30:29,840

in the sciences um

792

00:30:35,750 --> 00:30:33,360

i recommend these books here and this is

793

00:30:38,070 --> 00:30:35,760

an introduction to

794

00:30:40,789 --> 00:30:38,080

by irwin and want

795

00:30:42,549 --> 00:30:40,799

transcendent mind the rethinking the

796

00:30:44,389 --> 00:30:42,559

science of consciousness was which was

797

00:30:46,149 --> 00:30:44,399

published by the american psychological

798

00:30:48,470 --> 00:30:46,159

association

799

00:30:50,950 --> 00:30:48,480

um and then parapsychology a handbook

800

00:30:52,549 --> 00:30:50,960

for the 21st century

801
00:30:54,950 --> 00:30:52,559
it was published only just a few years

802
00:30:57,430 --> 00:30:54,960
ago so it's really good up-to-date

803
00:30:58,950 --> 00:30:57,440
summaries on a lot of things that i just

804
00:31:01,190 --> 00:30:58,960
discussed and of course in way more

805
00:31:03,350 --> 00:31:01,200
detail

806
00:31:05,269 --> 00:31:03,360
and then for the general public two

807
00:31:06,710 --> 00:31:05,279
books i like um

808
00:31:08,549 --> 00:31:06,720
actually all of dean reading's books are

809
00:31:10,470 --> 00:31:08,559
excellent but this is his most recent

810
00:31:11,669 --> 00:31:10,480
one real magic

811
00:31:14,310 --> 00:31:11,679
and then

812
00:31:16,230 --> 00:31:14,320
this book the gift by sally brian

813
00:31:18,149 --> 00:31:16,240

feather

814

00:31:19,990 --> 00:31:18,159

it is mostly focused on people's

815

00:31:21,990 --> 00:31:20,000

experiences but she organizes it in such

816

00:31:23,190 --> 00:31:22,000

a way too that helps us learn a little a

817

00:31:25,029 --> 00:31:23,200

little bit about the field that's

818

00:31:27,269 --> 00:31:25,039

studying it so it gives a little bit

819

00:31:30,230 --> 00:31:27,279

about you know not just the experiences

820

00:31:33,590 --> 00:31:30,240

but also the researchers as well um and

821

00:31:37,029 --> 00:31:33,600

it's quite a nice breed

822

00:31:38,389 --> 00:31:37,039

um and so that is pretty much it for my

823

00:31:41,190 --> 00:31:38,399

presentation

824

00:31:42,870 --> 00:31:41,200

um i would like to encourage you of

825

00:31:44,070 --> 00:31:42,880

course to come to the conference at the

826

00:31:49,350 --> 00:31:44,080

end of the month

827

00:31:52,870 --> 00:31:50,950

but also i would like to encourage you

828

00:31:55,430 --> 00:31:52,880

to become a member of the society for

829

00:31:57,830 --> 00:31:55,440

scientific exploration and or the

830

00:32:00,070 --> 00:31:57,840

parapsychological association

831

00:32:02,230 --> 00:32:00,080

both of these organizations have a level

832

00:32:03,990 --> 00:32:02,240

of membership for everybody regardless

833

00:32:06,870 --> 00:32:04,000

of their level of interest in the field

834

00:32:08,870 --> 00:32:06,880

so if you are a professional

835

00:32:10,149 --> 00:32:08,880

um there's there's a level of membership

836

00:32:11,430 --> 00:32:10,159

for that but if you're just an

837

00:32:12,950 --> 00:32:11,440

interested

838

00:32:15,110 --> 00:32:12,960

reader and you just want to you want to

839

00:32:17,110 --> 00:32:15,120

get the bulletin and stay up to date on

840

00:32:19,430 --> 00:32:17,120

the research um there's there's usually

841

00:32:22,389 --> 00:32:19,440

some kind of associate or supporting

842

00:32:23,669 --> 00:32:22,399

level of membership at each organization

843

00:32:25,110 --> 00:32:23,679

so thank you very much for your

844

00:32:33,990 --> 00:32:25,120

attention

845

00:32:37,430 --> 00:32:35,029

okay

846

00:32:40,710 --> 00:32:37,440

so that was a nice blast from the past

847

00:32:43,110 --> 00:32:40,720

uh last year's talk and um just want to

848

00:32:46,470 --> 00:32:43,120

clarify that this year it still is an

849

00:32:49,269 --> 00:32:46,480

sscpa event it is still at the same earl

850

00:32:50,870 --> 00:32:49,279

but it is taking place on june 23rd

851
00:32:54,310 --> 00:32:50,880
through the 26th

852
00:32:55,909 --> 00:32:54,320
um and that is titled breakthrough 2022

853
00:32:58,070 --> 00:32:55,919
and of course we'll be talking about

854
00:33:00,389 --> 00:32:58,080
that throughout the day so at this point

855
00:33:02,870 --> 00:33:00,399
i i would like to take your questions uh

856
00:33:05,669 --> 00:33:02,880
if you have any um please make use of

857
00:33:08,070 --> 00:33:05,679
the q and a box

858
00:33:10,549 --> 00:33:08,080
at the top and um

859
00:33:12,389 --> 00:33:10,559
if you are a pa or ssc member and

860
00:33:15,110 --> 00:33:12,399
somebody i know you're invited to raise

861
00:33:17,750 --> 00:33:15,120
your hand uh just keep in mind that this

862
00:33:20,789 --> 00:33:17,760
is being live streamed uh and that

863
00:33:23,430 --> 00:33:20,799

function will put you on stage so

864

00:33:25,029 --> 00:33:23,440

uh i'm going to continue to run my mouth

865

00:33:26,230 --> 00:33:25,039

and kill some time until i see a

866

00:33:28,950 --> 00:33:26,240

question

867

00:33:31,029 --> 00:33:28,960

um so rex stratton

868

00:33:33,590 --> 00:33:31,039

asks is it possible to get a copy of

869

00:33:36,549 --> 00:33:33,600

your presentation or at least of a list

870

00:33:38,630 --> 00:33:36,559

of the material to read um the this

871

00:33:41,509 --> 00:33:38,640

presentation will be on

872

00:33:44,230 --> 00:33:41,519

uh either or both of the pa and sse

873

00:33:46,070 --> 00:33:44,240

youtube channels within the week

874

00:33:47,750 --> 00:33:46,080

um in fact it's being live streamed

875

00:33:48,710 --> 00:33:47,760

right there so probably an hour from now

876

00:33:52,470 --> 00:33:48,720

you'll have

877

00:33:54,149 --> 00:33:52,480

access to this presentation um i i don't

878

00:33:56,870 --> 00:33:54,159

know if you're asking for slides but if

879

00:33:59,669 --> 00:33:56,880

you want slides you can email me at

880

00:34:01,750 --> 00:33:59,679

analisa parasite.org

881

00:34:05,029 --> 00:34:01,760

and i will be happy to present those to

882

00:34:05,039 --> 00:34:13,909

uh let's see is there anybody else

883

00:34:13,919 --> 00:34:20,069

i'm gonna say going once

884

00:34:27,430 --> 00:34:23,750

going twice oh here we go

885

00:34:29,030 --> 00:34:27,440

can you talk about the relationship of

886

00:34:32,710 --> 00:34:29,040

the pa

887

00:34:34,950 --> 00:34:32,720

and skeptic society now i will say i

888

00:34:36,149 --> 00:34:34,960

don't know which particular skeptic

889

00:34:38,149 --> 00:34:36,159

society

890

00:34:41,909 --> 00:34:38,159

uh you are referring to

891

00:34:44,149 --> 00:34:41,919

um however it is in our

892

00:34:45,190 --> 00:34:44,159

definition that we do not

893

00:34:47,990 --> 00:34:45,200

uh

894

00:34:49,270 --> 00:34:48,000

promote any particular belief or

895

00:34:52,069 --> 00:34:49,280

ideology

896

00:34:54,629 --> 00:34:52,079

other than the value of rigorous

897

00:34:56,310 --> 00:34:54,639

scientific scholar scientific study and

898

00:34:57,510 --> 00:34:56,320

scholarship

899

00:35:00,950 --> 00:34:57,520

and

900

00:35:03,829 --> 00:35:00,960

membership in our association is open to

901
00:35:06,310 --> 00:35:03,839
skeptics and indeed we do

902
00:35:08,710 --> 00:35:06,320
occasionally see some even career

903
00:35:11,430 --> 00:35:08,720
skeptics among our membership

904
00:35:13,109 --> 00:35:11,440
um so that's that's about all i can

905
00:35:15,829 --> 00:35:13,119
answer to that

906
00:35:17,670 --> 00:35:15,839
i see another question

907
00:35:19,990 --> 00:35:17,680
where can we find

908
00:35:22,390 --> 00:35:20,000
resources about university-based

909
00:35:23,829 --> 00:35:22,400
education for parapsychology and edge

910
00:35:27,670 --> 00:35:23,839
science

911
00:35:29,349 --> 00:35:27,680
at the pa website there is a link

912
00:35:32,390 --> 00:35:29,359
literally called university-based

913
00:35:33,190 --> 00:35:32,400

educational resources and it lists all

914

00:35:36,069 --> 00:35:33,200

of

915

00:35:37,910 --> 00:35:36,079

the it's a listing by country

916

00:35:40,470 --> 00:35:37,920

and it lists all of the available

917

00:35:43,190 --> 00:35:40,480

courses or

918

00:35:45,589 --> 00:35:43,200

potential mentors or personnel that

919

00:35:49,510 --> 00:35:45,599

could help guide you through

920

00:35:52,230 --> 00:35:49,520

a phd on a parapsychological topic or

921

00:35:53,190 --> 00:35:52,240

there's also some links to courses such

922

00:35:54,230 --> 00:35:53,200

as

923

00:35:57,109 --> 00:35:54,240

the

924

00:35:59,109 --> 00:35:57,119

intro to parapsychology

925

00:36:01,750 --> 00:35:59,119

course at the university of edinburgh

926
00:36:05,589 --> 00:36:01,760
the customer parapsychology unit

927
00:36:08,710 --> 00:36:05,599
and i'm going to ask that ramsez perhaps

928
00:36:13,190 --> 00:36:08,720
paste a link in the chat to that

929
00:36:13,200 --> 00:36:21,990
uh let's see

930
00:36:25,349 --> 00:36:23,750
would you please post the titles and

931
00:36:27,829 --> 00:36:25,359
authors of the books you suggested

932
00:36:29,510 --> 00:36:27,839
someplace where we can find them later

933
00:36:32,870 --> 00:36:29,520
sure i can do that i'll make a note of

934
00:36:32,880 --> 00:36:41,990
anybody else have a question for me

935
00:36:46,150 --> 00:36:44,470
john crewth is asking

936
00:36:49,750 --> 00:36:46,160
uh what made you want to study

937
00:36:52,150 --> 00:36:49,760
parapsychology and oh boy

938
00:36:52,829 --> 00:36:52,160

that's a complicated one um

939

00:37:02,230 --> 00:36:52,839

i

940

00:37:05,670 --> 00:37:02,240

the church and

941

00:37:07,190 --> 00:37:05,680

i had a crisis of faith very young 17 18

942

00:37:08,390 --> 00:37:07,200

years old

943

00:37:10,230 --> 00:37:08,400

and that was actually kind of difficult

944

00:37:12,310 --> 00:37:10,240

because i was employed by the church to

945

00:37:14,069 --> 00:37:12,320

lead musical groups

946

00:37:16,230 --> 00:37:14,079

and um

947

00:37:17,910 --> 00:37:16,240

and that kind of questioning that crisis

948

00:37:19,670 --> 00:37:17,920

of faith uh

949

00:37:20,950 --> 00:37:19,680

led me into two directions one i ended

950

00:37:22,550 --> 00:37:20,960

up getting a minor in comparative

951
00:37:24,470 --> 00:37:22,560
religions so i started looking at all

952
00:37:26,390 --> 00:37:24,480
religious beliefs

953
00:37:28,470 --> 00:37:26,400
and as i did that i started to become

954
00:37:30,790 --> 00:37:28,480
interested in

955
00:37:32,150 --> 00:37:30,800
ideas of knowledge and power and

956
00:37:35,109 --> 00:37:32,160
especially

957
00:37:36,470 --> 00:37:35,119
the seeming divide between science and

958
00:37:39,589 --> 00:37:36,480
religion

959
00:37:41,990 --> 00:37:39,599
and i saw parapsychology as being an

960
00:37:45,589 --> 00:37:42,000
interesting intersection

961
00:37:47,589 --> 00:37:45,599
between the two uh and as i got

962
00:37:50,710 --> 00:37:47,599
looked more into the field the the more

963
00:37:51,750 --> 00:37:50,720

i sort of felt the calling to make that

964

00:37:53,190 --> 00:37:51,760

research

965

00:37:55,349 --> 00:37:53,200

better available

966

00:37:58,230 --> 00:37:55,359

and more accessible to people because it

967

00:38:00,470 --> 00:37:58,240

was kind of a mystery to me why all of

968

00:38:01,349 --> 00:38:00,480

this really rigorous research

969

00:38:04,390 --> 00:38:01,359

was

970

00:38:06,470 --> 00:38:04,400

more or less publicly unknown

971

00:38:07,750 --> 00:38:06,480

and i think i found

972

00:38:08,550 --> 00:38:07,760

i thought i saw a raised hand for a

973

00:38:10,550 --> 00:38:08,560

moment

974

00:38:12,550 --> 00:38:10,560

um hopefully that answers your question

975

00:38:14,310 --> 00:38:12,560

john i look forward to seeing you later

976
00:38:15,670 --> 00:38:14,320
on today because john will be giving a

977
00:38:20,230 --> 00:38:15,680
talk

978
00:38:24,550 --> 00:38:21,910
all right i've got time for one more

979
00:38:27,190 --> 00:38:24,560
question if it pops up

980
00:38:30,950 --> 00:38:27,200
um otherwise

981
00:38:36,790 --> 00:38:33,349
answered

982
00:38:38,950 --> 00:38:36,800
okay well i'm going to go ahead and end

983
00:38:41,030 --> 00:38:38,960
the session and then we're going to make

984
00:38:44,310 --> 00:38:41,040
way for um

985
00:38:47,030 --> 00:38:44,320
christine simmons moore's talk on esp