

TRAUMA



MEDIUMSHIP → DISEASE



1
00:00:07,400 --> 00:00:05,059
yeah all right at that wind verge

2
00:00:10,910 --> 00:00:07,410
Institute our mental mediumship research

3
00:00:13,009 --> 00:00:10,920
involves three major programs codenamed

4
00:00:15,499 --> 00:00:13,019
information where we look at the

5
00:00:19,189 --> 00:00:15,509
accuracy and specificity of the content

6
00:00:20,599 --> 00:00:19,199
of the mediums readings application

7
00:00:22,759 --> 00:00:20,609
where we're interested in the social

8
00:00:25,009 --> 00:00:22,769
applications of mediumship readings at

9
00:00:28,040 --> 00:00:25,019
this point specifically we're interested

10
00:00:29,990 --> 00:00:28,050
in in the treatment of grief and then

11
00:00:32,560 --> 00:00:30,000
operation where we look at things like

12
00:00:35,420 --> 00:00:32,570
the mediums unique phenomenology

13
00:00:39,680 --> 00:00:35,430

experiences or psychology or physiology

14

00:00:41,540 --> 00:00:39,690

which I'll be talking about today the

15

00:00:43,520 --> 00:00:41,550

team that we work with the mediums we

16

00:00:45,319 --> 00:00:43,530

work as a team of Winfred certified

17

00:00:48,950 --> 00:00:45,329

research mediums each of them have

18

00:00:52,400 --> 00:00:48,960

passed an eight step screening testing

19

00:00:56,110 --> 00:00:52,410

and training procedure in during which

20

00:00:58,520 --> 00:00:56,120

they successfully provide accurate

21

00:01:01,939 --> 00:00:58,530

readings about a deceased person under

22

00:01:05,560 --> 00:01:01,949

entirely blinded conditions right now

23

00:01:10,149 --> 00:01:05,570

our team involves 17 female and two male

24

00:01:12,440 --> 00:01:10,159

mediums their average age is 54 ears

25

00:01:14,179 --> 00:01:12,450

they're spread all over the United

26

00:01:18,230 --> 00:01:14,189

States I've never even been in the same

27

00:01:20,300 --> 00:01:18,240

room as some of them and versus the

28

00:01:22,820 --> 00:01:20,310

mediums that were historically studied

29

00:01:24,770 --> 00:01:22,830

like starting in the 1880s by people

30

00:01:27,740 --> 00:01:24,780

like William James these mediums do not

31

00:01:31,130 --> 00:01:27,750

enter full trance they remain totally

32

00:01:34,670 --> 00:01:31,140

awake totally aware during the reading

33

00:01:36,710 --> 00:01:34,680

and they it's if anything mild or minor

34

00:01:38,420 --> 00:01:36,720

trance they have a little bit of

35

00:01:40,819 --> 00:01:38,430

difficulty with the time that has passed

36

00:01:47,319 --> 00:01:40,829

during the reading but that's about it

37

00:01:50,600 --> 00:01:47,329

and then versus the mediums who practice

38

00:01:52,820 --> 00:01:50,610

readings and spiritualist churches in a

39

00:01:54,100 --> 00:01:52,830

group setting these mediums do primarily

40

00:01:56,510 --> 00:01:54,110

[Music]

41

00:02:00,469 --> 00:01:56,520

one-on-one readings primarily over the

42

00:02:02,450 --> 00:02:00,479

phone and similarly in contrast to those

43

00:02:06,139 --> 00:02:02,460

spiritualist mediums studied primarily

44

00:02:08,210 --> 00:02:06,149

in the UK these mediums we refer to as

45

00:02:09,830 --> 00:02:08,220

secular because they don't subscribe to

46

00:02:13,339 --> 00:02:09,840

any particular

47

00:02:15,320 --> 00:02:13,349

Leonore belief system the trance is also

48

00:02:17,869 --> 00:02:15,330

so trance full trance was true of

49

00:02:20,509 --> 00:02:17,879

mediums historically and also of the

50

00:02:25,070 --> 00:02:20,519

Spiritist mediums studied primarily in

51
00:02:30,350 --> 00:02:25,080
Brazil so these are a relatively unique

52
00:02:33,530 --> 00:02:30,360
group of mediums that we work with we

53
00:02:35,360 --> 00:02:33,540
recently published this paper where we

54
00:02:36,770 --> 00:02:35,370
in the information research program

55
00:02:39,740 --> 00:02:36,780
where we looked at the specificity and

56
00:02:41,990 --> 00:02:39,750
accuracy of the information the mediums

57
00:02:44,539 --> 00:02:42,000
reported during 58 readings the

58
00:02:46,670 --> 00:02:44,549
procedure the protocol as well as the

59
00:02:48,289 --> 00:02:46,680
results are complicated so was just the

60
00:02:51,229 --> 00:02:48,299
take-home message here as they were able

61
00:02:53,300 --> 00:02:51,239
to accurately provide accurate

62
00:02:54,920 --> 00:02:53,310
information they were able to

63
00:02:58,910 --> 00:02:54,930

effectively provide accurate information

64

00:03:01,460 --> 00:02:58,920

under blinded conditions so we're also

65

00:03:03,530 --> 00:03:01,470

interested in the medium psychology of

66

00:03:05,809 --> 00:03:03,540

their unique psychology so in in tests

67

00:03:09,619 --> 00:03:05,819

of the big five personality traits in

68

00:03:13,729 --> 00:03:09,629

this group they score significantly

69

00:03:17,210 --> 00:03:13,739

higher in extraversion conscientiousness

70

00:03:18,050 --> 00:03:17,220

and openness and significantly lower in

71

00:03:20,090 --> 00:03:18,060

neuroticism

72

00:03:22,610 --> 00:03:20,100

than the norms so they're definitely

73

00:03:25,129 --> 00:03:22,620

people you want at your party and they

74

00:03:27,199 --> 00:03:25,139

are definitely people you want working

75

00:03:30,140 --> 00:03:27,209

as a research participants volunteering

76

00:03:31,910 --> 00:03:30,150

their time at your lab I must say we

77

00:03:35,240 --> 00:03:31,920

also have tested them for trans lumen

78

00:03:37,339 --> 00:03:35,250

allottee which is the largely

79

00:03:39,259 --> 00:03:37,349

involuntary susceptibility to an

80

00:03:41,210 --> 00:03:39,269

awareness of large volumes of inward

81

00:03:44,509 --> 00:03:41,220

lead generated psychological phenomena

82

00:03:47,180 --> 00:03:44,519

of an ideational and affective kind so

83

00:03:49,849 --> 00:03:47,190

transluminal tea reflects things such as

84

00:03:52,009 --> 00:03:49,859

fantasy proneness absorption creative

85

00:03:54,289 --> 00:03:52,019

and schizotypal personality mystical

86

00:03:56,270 --> 00:03:54,299

experiences and belief in an experience

87

00:04:01,009 --> 00:03:56,280

of the paranormal so it's sort of an

88

00:04:03,770 --> 00:04:01,019

umbrella psychological factor there's a

89

00:04:05,330 --> 00:04:03,780

trans limit at a scale that it's 29 to

90

00:04:09,830 --> 00:04:05,340

or false items and you just count up the

91

00:04:12,229 --> 00:04:09,840

truths and normally people count about

92

00:04:15,289 --> 00:04:12,239

15 of the 29 items is through this

93

00:04:17,390 --> 00:04:15,299

population and medium says 23 which is

94

00:04:21,380 --> 00:04:17,400

statistically significantly higher than

95

00:04:22,920 --> 00:04:21,390

normal and so that lets let's talk about

96

00:04:26,310 --> 00:04:22,930

the physiology mediums or

97

00:04:27,420 --> 00:04:26,320

is why we are here today so in 1963 in

98

00:04:32,390 --> 00:04:27,430

the International Journal of

99

00:04:36,080 --> 00:04:32,400

parapsychology this French

100

00:04:38,790 --> 00:04:36,090

neuroendocrinologist and physician

101
00:04:40,379 --> 00:04:38,800
Dominique and I've been practicing me

102
00:04:41,010 --> 00:04:40,389
pronouncing his French name so let's see

103
00:04:44,249 --> 00:04:41,020
if I can do it

104
00:04:47,520 --> 00:04:44,259
Allah a sight all right I did it okay

105
00:04:50,999 --> 00:04:47,530
and he made observations of 43 female

106
00:04:52,740 --> 00:04:51,009
mediums starting in 1954 and he said

107
00:04:54,870 --> 00:04:52,750
five of them who might rightfully be

108
00:04:56,339 --> 00:04:54,880
called mediums and then he developed a

109
00:05:00,210 --> 00:04:56,349
two hundred and seven item questionnaire

110
00:05:02,339 --> 00:05:00,220
to give to those five individuals as

111
00:05:04,950 --> 00:05:02,349
well as ten other mediums that he had

112
00:05:07,170 --> 00:05:04,960
come across and in the paper it's

113
00:05:11,640 --> 00:05:07,180

unclear the level of trance that these

114

00:05:13,499 --> 00:05:11,650

mediums entered so from his just talking

115

00:05:16,529 --> 00:05:13,509

to them he didn't he didn't collect any

116

00:05:19,290 --> 00:05:16,539

did he just questioned them and and gave

117

00:05:21,150 --> 00:05:19,300

them this survey he found that a lot of

118

00:05:23,850 --> 00:05:21,160

them reported water attention and

119

00:05:26,909 --> 00:05:23,860

nervous diuresis basically nervous

120

00:05:31,589 --> 00:05:26,919

bladder exophthalmos which is the

121

00:05:33,390 --> 00:05:31,599

technical term for bulgy a libel 92% had

122

00:05:36,180 --> 00:05:33,400

a tendency toward ecchymosis which is

123

00:05:38,790 --> 00:05:36,190

bruising 79 percent complained of

124

00:05:41,339 --> 00:05:38,800

twisting their ankles at every turn 67

125

00:05:44,760 --> 00:05:41,349

percent reported hypertrichosis which is

126

00:05:46,620 --> 00:05:44,770

abnormal hair growth 47 percent had a

127

00:05:48,810 --> 00:05:46,630

particular sensitivity of the epigastric

128

00:05:53,310 --> 00:05:48,820

region and 33 reported a tendency

129

00:05:55,740 --> 00:05:53,320

towards rheumatism and then in 2005 the

130

00:05:57,680 --> 00:05:55,750

parapsychological foundation put out of

131

00:06:00,270 --> 00:05:57,690

coverage called the study of mediumship

132

00:06:02,909 --> 00:06:00,280

interdisciplinary perspectives and their

133

00:06:05,909 --> 00:06:02,919

ruth Reitzel reported her findings of

134

00:06:08,700 --> 00:06:05,919

examining numerous historical so late

135

00:06:10,620 --> 00:06:08,710

this era from the starting in the 1880s

136

00:06:12,200 --> 00:06:10,630

the late 19th and early 20th centuries

137

00:06:15,060 --> 00:06:12,210

she looked at all of these different

138

00:06:17,610 --> 00:06:15,070

descriptions that researchers had

139

00:06:19,710 --> 00:06:17,620

written up about mediums bodily states

140

00:06:22,050 --> 00:06:19,720

during and after these mutants again

141

00:06:23,610 --> 00:06:22,060

were deep trance mediums specifically

142

00:06:25,920 --> 00:06:23,620

when manifested in the context of

143

00:06:27,570 --> 00:06:25,930

physiological disturbance and she found

144

00:06:29,850 --> 00:06:27,580

that the medium stay often involved an

145

00:06:31,769 --> 00:06:29,860

altered physiological balance of the

146

00:06:33,240 --> 00:06:31,779

sympathetic and parasympathetic branches

147

00:06:35,640 --> 00:06:33,250

of the autonomic nervous system a

148

00:06:35,879 --> 00:06:35,650

bizarre mixture of cholinergic passivity

149

00:06:43,129 --> 00:06:35,889

and

150

00:06:45,920 --> 00:06:43,139

we looked at the electric cortical

151
00:06:48,269 --> 00:06:45,930
physiology of the mediums we asked in

152
00:06:50,429 --> 00:06:48,279
this study had two parts and in this

153
00:06:52,649 --> 00:06:50,439
particular part we asked the mediums to

154
00:06:54,390 --> 00:06:52,659
intentionally engage in these four

155
00:06:57,179 --> 00:06:54,400
different mental states and then we

156
00:06:59,010 --> 00:06:57,189
looked at their EEG during each so

157
00:07:02,219 --> 00:06:59,020
recollection think about someone that

158
00:07:04,529 --> 00:07:02,229
you know remember them perception listen

159
00:07:07,350 --> 00:07:04,539
while I read out loud this information

160
00:07:09,119 --> 00:07:07,360
about a person fabrication make up

161
00:07:11,159 --> 00:07:09,129
someone and think about that person and

162
00:07:13,350 --> 00:07:11,169
then communication communicate with a

163
00:07:16,529 --> 00:07:13,360

deceased person that you know and have

164

00:07:18,059 --> 00:07:16,539

invited to the lab and we found that the

165

00:07:20,040 --> 00:07:18,069

experience of communicating with the

166

00:07:21,510 --> 00:07:20,050

deceased may be a distinct mental state

167

00:07:23,850 --> 00:07:21,520

that is not consistent with brain

168

00:07:27,990 --> 00:07:23,860

activity during ordinary thinking or

169

00:07:29,730 --> 00:07:28,000

imagination and then anecdotally like

170

00:07:31,730 --> 00:07:29,740

just getting to know you know these

171

00:07:34,499 --> 00:07:31,740

mediums that I've been working with for

172

00:07:36,659 --> 00:07:34,509

several years now they they seem to have

173

00:07:38,219 --> 00:07:36,669

a lot of diseases especially the female

174

00:07:42,839 --> 00:07:38,229

mediums I mean the majority of our

175

00:07:46,740 --> 00:07:42,849

mediums are female but for example 10 of

176

00:07:48,420 --> 00:07:46,750

16 so I surveyed them formally I was

177

00:07:51,149 --> 00:07:48,430

noticing this and then I had them fill

178

00:07:53,999 --> 00:07:51,159

out a questionnaire so 16 responded and

179

00:07:56,100 --> 00:07:54,009

10 of the 16 have autoimmune disorders

180

00:07:59,790 --> 00:07:56,110

three of those ten have more than one

181

00:08:01,350 --> 00:07:59,800

autoimmune disorder and so that 63% the

182

00:08:04,230 --> 00:08:01,360

National prevalence of autoimmune

183

00:08:05,999 --> 00:08:04,240

disorders in the US is 5 to 8 percent so

184

00:08:08,429 --> 00:08:06,009

the chance is that if I just randomly

185

00:08:11,429 --> 00:08:08,439

picked 16 people that 10 of them would

186

00:08:15,320 --> 00:08:11,439

have autoimmune disease you know not to

187

00:08:19,189 --> 00:08:15,330

mention more than one as infinitesimal

188

00:08:21,659 --> 00:08:19,199

they also report about three times the

189

00:08:24,300 --> 00:08:21,669

prevalence of migraines which is

190

00:08:25,950 --> 00:08:24,310

significant proportion and more than

191

00:08:31,379 --> 00:08:25,960

twice the incidence of type 2 diabetes

192

00:08:35,189 --> 00:08:31,389

but that's not significant in the survey

193

00:08:37,620 --> 00:08:35,199

they also reported 57% edition including

194

00:08:39,480 --> 00:08:37,630

bronchitis pneumonia nazma 50 percent

195

00:08:41,399 --> 00:08:39,490

reported food intolerance and

196

00:08:43,860 --> 00:08:41,409

environmental sensitivities 50 percent

197

00:08:47,370 --> 00:08:43,870

back pain 43 percent sinus issues and

198

00:08:49,410 --> 00:08:47,380

then like the French mediums from the

199

00:08:52,860 --> 00:08:49,420

50s 43 percent did

200

00:08:55,170 --> 00:08:52,870

report gastrointestinal issues 29%

201
00:08:58,740 --> 00:08:55,180
arthritic disorders and 21% water

202
00:09:03,990 --> 00:08:58,750
retention very few reported ecchymosis

203
00:09:06,420 --> 00:09:04,000
bruising only 14% vs. ascites 92% and

204
00:09:10,290 --> 00:09:06,430
then no PO GL eyeball or weird hair

205
00:09:12,269 --> 00:09:10,300
growth in my population Joan Hagman

206
00:09:14,370 --> 00:09:12,279
Julio president Alexander Mori era

207
00:09:16,220 --> 00:09:14,380
Almeida and colleagues also have

208
00:09:18,870 --> 00:09:16,230
reported that spiritual practitioners

209
00:09:20,750 --> 00:09:18,880
often are at risk for stress-related

210
00:09:23,069 --> 00:09:20,760
symptoms at least in the United States

211
00:09:24,930 --> 00:09:23,079
self-styled mediums and Chandler's may

212
00:09:28,410 --> 00:09:24,940
be at greater risk than healers and

213
00:09:30,300 --> 00:09:28,420

intuitive so we wanted to look at this

214

00:09:32,189 --> 00:09:30,310

specifically we're empiricists let's

215

00:09:33,660 --> 00:09:32,199

let's look at what's going on so we

216

00:09:35,850 --> 00:09:33,670

designed this study we call the heme

217

00:09:39,090 --> 00:09:35,860

fist Eddie it was funded by the be--i'll

218

00:09:40,710 --> 00:09:39,100

Foundation and we wanted to just get to

219

00:09:42,900 --> 00:09:40,720

what is it is there something about

220

00:09:45,870 --> 00:09:42,910

mediumship that causes disease in this

221

00:09:47,699 --> 00:09:45,880

population specifically to hematological

222

00:09:49,910 --> 00:09:47,709

and our physiological changes occur

223

00:09:52,530 --> 00:09:49,920

during readings by wind bridge mediums

224

00:09:55,470 --> 00:09:52,540

we repeated we use the repeated measures

225

00:09:57,300 --> 00:09:55,480

design in which five of these medium

226
00:09:59,069 --> 00:09:57,310
wind bridge mediums participated in two

227
00:10:01,170 --> 00:09:59,079
randomized conditions of mediumship

228
00:10:04,920 --> 00:10:01,180
reading and then a control conditioning

229
00:10:06,630 --> 00:10:04,930
which no psychic abilities were used pre

230
00:10:08,550 --> 00:10:06,640
and post each of the two conditions

231
00:10:11,130 --> 00:10:08,560
before and after we looked at blood

232
00:10:13,380 --> 00:10:11,140
pressure heart rate temperature and we

233
00:10:15,329 --> 00:10:13,390
took their blood and then during

234
00:10:17,519 --> 00:10:15,339
continuous during each condition we

235
00:10:20,579 --> 00:10:17,529
looked at pulse ox heart rate and heart

236
00:10:22,050 --> 00:10:20,589
rate variability our secondary question

237
00:10:24,720 --> 00:10:22,060
was do changes in heart rate variability

238
00:10:26,790 --> 00:10:24,730

correlate to variations in the accuracy

239

00:10:28,650 --> 00:10:26,800
of the medium statements during

240

00:10:30,329 --> 00:10:28,660
different segments of the readings so

241

00:10:32,430 --> 00:10:30,339
during each reading the medium was asked

242

00:10:33,769 --> 00:10:32,440
six questions about the deceased person

243

00:10:36,110 --> 00:10:33,779
they were asked to interact with

244

00:10:39,720 --> 00:10:36,120
describe the physical appearance of the

245

00:10:41,400 --> 00:10:39,730
deceased the personality what hobbies

246

00:10:43,590 --> 00:10:41,410
are interested they have how did they

247

00:10:45,629 --> 00:10:43,600
die do they have any messages for the

248

00:10:48,090 --> 00:10:45,639
sitter and is there anything else you

249

00:10:49,740 --> 00:10:48,100
can tell me and then the sitter gave

250

00:10:53,040 --> 00:10:49,750
each of those six segments in the

251
00:10:54,840 --> 00:10:53,050
reading a score and due to the posse of

252
00:10:56,340 --> 00:10:54,850
research in this area to the best of my

253
00:10:59,220 --> 00:10:56,350
knowledge there's been no research in

254
00:11:01,990 --> 00:10:59,230
this area with this population of modern

255
00:11:03,940 --> 00:11:02,000
day American secular mediums

256
00:11:05,800 --> 00:11:03,950
it was difficult to predict which

257
00:11:07,540 --> 00:11:05,810
hematological factors and physical

258
00:11:09,970 --> 00:11:07,550
physiological measures are the most

259
00:11:11,590 --> 00:11:09,980
changed during the mediumistic state so

260
00:11:13,150 --> 00:11:11,600
we just looked at a bunch of things and

261
00:11:15,130 --> 00:11:13,160
thought maybe we'll we'll catch

262
00:11:17,920 --> 00:11:15,140
something well we'll have an idea of

263
00:11:20,800 --> 00:11:17,930

what to follow through on so we looked

264

00:11:23,320 --> 00:11:20,810

at 27 hematological elements including

265

00:11:25,840 --> 00:11:23,330

erythrocyte sedimentation rate sed rate

266

00:11:28,840 --> 00:11:25,850

which is a general generally reflects

267

00:11:30,940 --> 00:11:28,850

the inflammatory State the stress

268

00:11:32,440 --> 00:11:30,950

hormone cortisol the catecholamines

269

00:11:35,620 --> 00:11:32,450

epinephrine norepinephrine and dopamine

270

00:11:38,500 --> 00:11:35,630

as well as just you know standard CBC

271

00:11:41,470 --> 00:11:38,510

and blood chemistry and then we looked

272

00:11:44,320 --> 00:11:41,480

at psychophysiological measures blood

273

00:11:46,690 --> 00:11:44,330

pressure pulse ox electrocardiograph

274

00:11:48,670 --> 00:11:46,700

which gave us heart rate and heart rate

275

00:11:50,260 --> 00:11:48,680

variability and then body temperature

276

00:11:52,240 --> 00:11:50,270

was assessed at the skin as well as

277

00:11:54,970 --> 00:11:52,250

through thermographic imaging of the

278

00:11:56,320 --> 00:11:54,980

hands and the head and so what did we

279

00:11:58,090 --> 00:11:56,330

find

280

00:12:02,050 --> 00:11:58,100

mediumship under these binding

281

00:12:03,910 --> 00:12:02,060

conditions happened the scores which are

282

00:12:06,850 --> 00:12:03,920

from 0 to 6 for these six different

283

00:12:11,140 --> 00:12:06,860

sections and five mediums readings was

284

00:12:12,940 --> 00:12:11,150

four point one out of six and four is a

285

00:12:17,230 --> 00:12:12,950

good section with some incorrect

286

00:12:19,150 --> 00:12:17,240

information all hematological elements

287

00:12:21,850 --> 00:12:19,160

fell well within normal ranges across

288

00:12:25,840 --> 00:12:21,860

all four conditions pre and post reading

289

00:12:27,329 --> 00:12:25,850

pre and post control all normal no

290

00:12:30,040 --> 00:12:27,339

differences we're seen for any

291

00:12:31,600 --> 00:12:30,050

hematological elements or for all but

292

00:12:33,460 --> 00:12:31,610

one which I'll talk about in a second

293

00:12:36,970 --> 00:12:33,470

physiological measures across conditions

294

00:12:39,400 --> 00:12:36,980

so there's not no change in anything and

295

00:12:43,000 --> 00:12:39,410

we saw no correlation between HRV and

296

00:12:46,329 --> 00:12:43,010

accuracy our theory was you know there's

297

00:12:48,550 --> 00:12:46,339

been a lot of data published I mean the

298

00:12:50,620 --> 00:12:48,560

body might have access to SCI

299

00:12:52,720 --> 00:12:50,630

information that cognitively we don't

300

00:12:56,530 --> 00:12:52,730

have access to so the mediums don't have

301
00:12:57,910 --> 00:12:56,540
any cognitive they don't know when the

302
00:13:00,250 --> 00:12:57,920
information they're reporting is going

303
00:13:02,020 --> 00:13:00,260
to be scored as incorrect by the sitter

304
00:13:06,490 --> 00:13:02,030
so we thought well does the body know

305
00:13:10,240 --> 00:13:06,500
and when looking at HRV there was no

306
00:13:12,460 --> 00:13:10,250
change in HIV related to accuracy the

307
00:13:14,690 --> 00:13:12,470
one thing we did see was that the ratio

308
00:13:17,300 --> 00:13:14,700
between low frequency and high frequency

309
00:13:19,460 --> 00:13:17,310
of measure of heart rate variability was

310
00:13:21,230 --> 00:13:19,470
significantly higher for the reading

311
00:13:24,200 --> 00:13:21,240
condition versus the control condition

312
00:13:27,050 --> 00:13:24,210
and a higher ratio indicates increased

313
00:13:29,510 --> 00:13:27,060

sympathetic flight flight fight freeze

314

00:13:32,360 --> 00:13:29,520

or reduce parasympathetic rest and

315

00:13:34,100 --> 00:13:32,370

digest activity however we didn't see

316

00:13:36,080 --> 00:13:34,110

any changes in the stress hormone

317

00:13:40,640 --> 00:13:36,090

cortisol no changes in norepinephrine

318

00:13:42,650 --> 00:13:40,650

which is sympathetic catecholamine no

319

00:13:44,420 --> 00:13:42,660

change in heart rate and no change in

320

00:13:47,420 --> 00:13:44,430

the other two factors of heart rate

321

00:13:48,920 --> 00:13:47,430

variability that we looked into and in

322

00:13:50,120 --> 00:13:48,930

addition epinet the other two

323

00:13:52,100 --> 00:13:50,130

catecholamines that we looked at

324

00:13:53,960 --> 00:13:52,110

epinephrine and dopamine were too low

325

00:13:57,860 --> 00:13:53,970

and across all samples for the lab to

326

00:14:00,080 --> 00:13:57,870

even detect so it no detectable

327

00:14:02,120 --> 00:14:00,090

hematological or psycho physiological

328

00:14:03,650 --> 00:14:02,130

changes seem to have occurred during the

329

00:14:07,130 --> 00:14:03,660

mediumship readings it didn't seem that

330

00:14:09,830 --> 00:14:07,140

we can track any any changes in their

331

00:14:11,720 --> 00:14:09,840

bodies and the limitations beyond this

332

00:14:14,480 --> 00:14:11,730

being a small study there's only five

333

00:14:16,700 --> 00:14:14,490

participants and you know the the issue

334

00:14:22,240 --> 00:14:16,710

that happens in every experiment is when

335

00:14:24,080 --> 00:14:22,250

dasai happen so if they experienced they

336

00:14:26,240 --> 00:14:24,090

communicated with the deceased person

337

00:14:27,890 --> 00:14:26,250

that morning in the hotel room which a

338

00:14:29,870 --> 00:14:27,900

number of them reported that that had

339

00:14:32,120 --> 00:14:29,880

happened and then we took their blood in

340

00:14:35,360 --> 00:14:32,130

the lab maybe we didn't catch it at

341

00:14:37,160 --> 00:14:35,370

whatever had happened so in addition to

342

00:14:40,640 --> 00:14:37,170

those limitations we did only do one

343

00:14:42,740 --> 00:14:40,650

reading and usually in their everyday

344

00:14:44,810 --> 00:14:42,750

practices they're doing four or five six

345

00:14:49,730 --> 00:14:44,820

readings a day and we didn't look at

346

00:14:52,280 --> 00:14:49,740

everything we were limited by cost and

347

00:14:53,660 --> 00:14:52,290

we basically bled them dry as it was

348

00:14:55,250 --> 00:14:53,670

looking at all the different factors

349

00:14:58,850 --> 00:14:55,260

that we looked at so we couldn't look at

350

00:15:01,100 --> 00:14:58,860

everything and but I'm gonna conclude

351
00:15:03,890 --> 00:15:01,110
perhaps mediumship isn't causing the

352
00:15:06,620 --> 00:15:03,900
disease in this population thank you so

353
00:15:08,570 --> 00:15:06,630
what does cause disease I'm gonna

354
00:15:12,230 --> 00:15:08,580
propose its childhood trauma and abuse

355
00:15:14,870 --> 00:15:12,240
and their trigger warning I will now

356
00:15:17,060 --> 00:15:14,880
talk about child abuse there are four

357
00:15:20,540 --> 00:15:17,070
kinds physical emotional sexual and

358
00:15:23,240 --> 00:15:20,550
physical or emotional neglect and I'll

359
00:15:24,640 --> 00:15:23,250
just jump through this these have been

360
00:15:26,750 --> 00:15:24,650
linked to problems in adulthood

361
00:15:28,220 --> 00:15:26,760
including public health issues mental

362
00:15:29,840 --> 00:15:28,230
health issues and

363
00:15:31,430 --> 00:15:29,850

physical diseases and reduction in

364

00:15:34,430 --> 00:15:31,440

lifespan which is what we're interested

365

00:15:35,810 --> 00:15:34,440

in child abuse in general has been

366

00:15:37,520 --> 00:15:35,820

linked to pain neurological

367

00:15:40,760 --> 00:15:37,530

musculoskeletal cardiovascular

368

00:15:42,740 --> 00:15:40,770

respiratory issues and then the

369

00:15:45,070 --> 00:15:42,750

different types of abuse have also been

370

00:15:47,480 --> 00:15:45,080

linked to specific types of diseases

371

00:15:48,200 --> 00:15:47,490

including diabetes and autoimmune

372

00:15:53,210 --> 00:15:48,210

disease

373

00:15:55,130 --> 00:15:53,220

with neglect so we use a child abuse and

374

00:15:57,140 --> 00:15:55,140

trauma scale which yields a quantitative

375

00:16:01,430 --> 00:15:57,150

index of the frequency and extent of

376

00:16:03,290 --> 00:16:01,440

various types of experiences in

377

00:16:05,390 --> 00:16:03,300

childhood and adolescence there's 38

378

00:16:08,720 --> 00:16:05,400

multiple-choice items that gauge all

379

00:16:12,470 --> 00:16:08,730

these these types of abuse and compared

380

00:16:14,540 --> 00:16:12,480

to the norms this population of mediums

381

00:16:16,730 --> 00:16:14,550

who filled out the survey scored

382

00:16:19,370 --> 00:16:16,740

significantly higher on all types of

383

00:16:22,130 --> 00:16:19,380

abuse that were looked at with this

384

00:16:24,440 --> 00:16:22,140

scale childhood trauma has also been

385

00:16:25,610 --> 00:16:24,450

linked to psychic activity psychic

386

00:16:29,150 --> 00:16:25,620

ability

387

00:16:30,740 --> 00:16:29,160

acai in 1963 chose to include in his

388

00:16:33,260 --> 00:16:30,750

report all subject except one had

389

00:16:35,450 --> 00:16:33,270

difficult adolescents sociologists and

390

00:16:37,250 --> 00:16:35,460

Greeley noted that people who score high

391

00:16:39,710 --> 00:16:37,260

on psych tests are more likely to report

392

00:16:41,750 --> 00:16:39,720

high levels of family tension and then

393

00:16:43,940 --> 00:16:41,760

Silvia heartwright noted that stress in

394

00:16:46,840 --> 00:16:43,950

early childhood tends to create greater

395

00:16:49,750 --> 00:16:46,850

than average psychic powers and adults

396

00:16:52,340 --> 00:16:49,760

even the practitioner community has

397

00:16:53,990 --> 00:16:52,350

publicly talked about the troubling link

398

00:16:56,420 --> 00:16:54,000

between childhood trauma and psychic

399

00:16:59,200 --> 00:16:56,430

ability and there are a number of

400

00:17:02,150 --> 00:16:59,210

proposed mechanisms for how this link

401
00:17:05,210 --> 00:17:02,160
one is abuse causes dissociation and

402
00:17:08,030 --> 00:17:05,220
that's a sigh conducive state the

403
00:17:10,150 --> 00:17:08,040
presence of abuse may result in the

404
00:17:12,710 --> 00:17:10,160
development of predictive and protective

405
00:17:17,090 --> 00:17:12,720
perception so you have to learn to be

406
00:17:18,890 --> 00:17:17,100
aware of of things that just beyond the

407
00:17:21,140 --> 00:17:18,900
five senses where the dangers coming

408
00:17:23,690 --> 00:17:21,150
from if it's coming that sort of thing

409
00:17:27,260 --> 00:17:23,700
so you've learned to be open to these

410
00:17:29,210 --> 00:17:27,270
other issues as well as disruption of

411
00:17:31,760 --> 00:17:29,220
chakra or other energetic systems

412
00:17:33,980 --> 00:17:31,770
through abuse results in psychic ability

413
00:17:36,200 --> 00:17:33,990

so I think we've seen we've established

414

00:17:38,390 --> 00:17:36,210

in this population the the relationship

415

00:17:39,800 --> 00:17:38,400

between mediumship and disease the

416

00:17:41,250 --> 00:17:39,810

relation between mediumship and

417

00:17:45,330 --> 00:17:41,260

childhood trauma and

418

00:17:47,880 --> 00:17:45,340

the mainstream evidence for trauma and

419

00:17:50,490 --> 00:17:47,890

its relationship to disease so I am

420

00:17:54,000 --> 00:17:50,500

proposing not concluding but proposing

421

00:17:56,010 --> 00:17:54,010

that it's not mediumship that causes

422

00:18:00,270 --> 00:17:56,020

disease it's trauma that causes

423

00:18:03,540 --> 00:18:00,280

mediumship and disease so in the future

424

00:18:06,150 --> 00:18:03,550

we've received a second this not our

425

00:18:08,280 --> 00:18:06,160

cigarette another grant from the

426

00:18:09,780 --> 00:18:08,290

be--i'll foundation titled the

427

00:18:12,030 --> 00:18:09,790

development and implementation of a

428

00:18:14,370 --> 00:18:12,040

comprehensive survey of secular American

429

00:18:15,990 --> 00:18:14,380

mediums our aim of that studies to

430

00:18:18,410 --> 00:18:16,000

identify potentially unique demographic

431

00:18:20,490 --> 00:18:18,420

cognitive psychological physiological

432

00:18:22,770 --> 00:18:20,500

familial cultural and phenomenological

433

00:18:24,960 --> 00:18:22,780

characteristics of self identifying

434

00:18:27,660 --> 00:18:24,970

mediums in the US so we'd like to see is

435

00:18:29,940 --> 00:18:27,670

this are these trends present in the

436

00:18:33,030 --> 00:18:29,950

population in general besides just these

437

00:18:35,070 --> 00:18:33,040

this our team that we work with we also

438

00:18:37,650 --> 00:18:35,080

would not be averse to collect him or

439

00:18:40,230 --> 00:18:37,660

him team phys data if the resources were

440

00:18:41,730 --> 00:18:40,240

to present themselves so I want to

441

00:18:44,010 --> 00:18:41,740

acknowledge my husband and research

442

00:18:46,070 --> 00:18:44,020

partner in mark Poquette C who collected

443

00:18:48,930 --> 00:18:46,080

and analyzed all the physiological data

444

00:18:50,970 --> 00:18:48,940

the physicians Shawn to Sonnen Judy

445

00:18:52,530 --> 00:18:50,980

Gianni who helped us with the blood

446

00:18:55,380 --> 00:18:52,540

collection and let us use their layout

447

00:18:57,480 --> 00:18:55,390

their facilities the mediums and the

448

00:18:59,700 --> 00:18:57,490

sitters who participated the be--i'll

449

00:19:01,960 --> 00:18:59,710

foundation for their funding and you for