

1
00:00:00,000 --> 00:00:07,410
yeah all right at that wind verge

2
00:00:05,068 --> 00:00:10,919
Institute our mental mediumship research

3
00:00:07,410 --> 00:00:13,019
involves three major programs codenamed

4
00:00:10,919 --> 00:00:15,509
information where we look at the

5
00:00:13,019 --> 00:00:19,198
accuracy and specificity of the content

6
00:00:15,509 --> 00:00:20,609
of the mediums readings application

7
00:00:19,199 --> 00:00:22,769
where we're interested in the social

8
00:00:20,609 --> 00:00:25,019
applications of mediumship readings at

9
00:00:22,768 --> 00:00:28,049
this point specifically we're interested

10
00:00:25,018 --> 00:00:30,000
in in the treatment of grief and then

11
00:00:28,050 --> 00:00:32,570
operation where we look at things like

12
00:00:30,000 --> 00:00:35,429
the mediums unique phenomenology

13
00:00:32,570 --> 00:00:39,689
experiences or psychology or physiology

14
00:00:35,429 --> 00:00:41,549
which I'll be talking about today the

15
00:00:39,689 --> 00:00:43,530
team that we work with the mediums we

16
00:00:41,549 --> 00:00:45,328
work as a team of Winfred certified

17
00:00:43,530 --> 00:00:48,960
research mediums each of them have

18
00:00:45,329 --> 00:00:52,410
passed an eight step screening testing

19
00:00:48,960 --> 00:00:56,120
and training procedure in during which

20
00:00:52,409 --> 00:00:58,529
they successfully provide accurate

21
00:00:56,119 --> 00:01:01,948
readings about a deceased person under

22
00:00:58,530 --> 00:01:05,570
entirely blinded conditions right now

23
00:01:01,948 --> 00:01:10,158
our team involves 17 female and two male

24
00:01:05,569 --> 00:01:12,449
mediums their average age is 54 ears

25
00:01:10,159 --> 00:01:14,189
they're spread all over the United

26
00:01:12,450 --> 00:01:18,240
States I've never even been in the same

27
00:01:14,188 --> 00:01:20,309
room as some of them and versus the

28
00:01:18,239 --> 00:01:22,829
mediums that were historically studied

29

00:01:20,310 --> 00:01:24,780
like starting in the 1880s by people

30
00:01:22,829 --> 00:01:27,750
like William James these mediums do not

31
00:01:24,780 --> 00:01:31,140
enter full trance they remain totally

32
00:01:27,750 --> 00:01:34,680
awake totally aware during the reading

33
00:01:31,140 --> 00:01:36,719
and they it's if anything mild or minor

34
00:01:34,680 --> 00:01:38,430
trance they have a little bit of

35
00:01:36,719 --> 00:01:40,828
difficulty with the time that has passed

36
00:01:38,430 --> 00:01:47,329
during the reading but that's about it

37
00:01:40,828 --> 00:01:50,609
and then versus the mediums who practice

38
00:01:47,328 --> 00:01:52,829
readings and spiritualist churches in a

39
00:01:50,609 --> 00:01:54,109
group setting these mediums do primarily

40
00:01:52,829 --> 00:01:56,519
[Music]

41
00:01:54,109 --> 00:02:00,478
one-on-one readings primarily over the

42
00:01:56,519 --> 00:02:02,459
phone and similarly in contrast to those

43
00:02:00,478 --> 00:02:06,149

spiritualist mediums studied primarily

44

00:02:02,459 --> 00:02:08,219

in the UK these mediums we refer to as

45

00:02:06,149 --> 00:02:09,840

secular because they don't subscribe to

46

00:02:08,219 --> 00:02:13,348

any particular

47

00:02:09,840 --> 00:02:15,330

Leonore belief system the trance is also

48

00:02:13,348 --> 00:02:17,878

so trance full trance was true of

49

00:02:15,330 --> 00:02:20,519

mediums historically and also of the

50

00:02:17,878 --> 00:02:25,079

Spiritist mediums studied primarily in

51

00:02:20,519 --> 00:02:30,360

Brazil so these are a relatively unique

52

00:02:25,080 --> 00:02:33,540

group of mediums that we work with we

53

00:02:30,360 --> 00:02:35,370

recently published this paper where we

54

00:02:33,539 --> 00:02:36,780

in the information research program

55

00:02:35,370 --> 00:02:39,750

where we looked at the specificity and

56

00:02:36,780 --> 00:02:42,000

accuracy of the information the mediums

57

00:02:39,750 --> 00:02:44,549

reported during 58 readings the

58
00:02:42,000 --> 00:02:46,680
procedure the protocol as well as the

59
00:02:44,549 --> 00:02:48,299
results are complicated so was just the

60
00:02:46,680 --> 00:02:51,239
take-home message here as they were able

61
00:02:48,299 --> 00:02:53,310
to accurately provide accurate

62
00:02:51,239 --> 00:02:54,930
information they were able to

63
00:02:53,310 --> 00:02:58,920
effectively provide accurate information

64
00:02:54,930 --> 00:03:01,469
under blinded conditions so we're also

65
00:02:58,919 --> 00:03:03,539
interested in the medium psychology of

66
00:03:01,469 --> 00:03:05,818
their unique psychology so in in tests

67
00:03:03,539 --> 00:03:09,628
of the big five personality traits in

68
00:03:05,818 --> 00:03:13,738
this group they score significantly

69
00:03:09,628 --> 00:03:17,219
higher in extraversion conscientiousness

70
00:03:13,739 --> 00:03:18,060
and openness and significantly lower in

71
00:03:17,219 --> 00:03:20,099
neuroticism

72
00:03:18,060 --> 00:03:22,620
than the norms so they're definitely

73
00:03:20,099 --> 00:03:25,138
people you want at your party and they

74
00:03:22,620 --> 00:03:27,209
are definitely people you want working

75
00:03:25,139 --> 00:03:30,150
as a research participants volunteering

76
00:03:27,209 --> 00:03:31,920
their time at your lab I must say we

77
00:03:30,150 --> 00:03:35,250
also have tested them for trans lumen

78
00:03:31,919 --> 00:03:37,348
allottee which is the largely

79
00:03:35,250 --> 00:03:39,269
involuntary susceptibility to an

80
00:03:37,348 --> 00:03:41,219
awareness of large volumes of inward

81
00:03:39,269 --> 00:03:44,519
lead generated psychological phenomena

82
00:03:41,219 --> 00:03:47,189
of an ideational and affective kind so

83
00:03:44,519 --> 00:03:49,859
transluminal tea reflects things such as

84
00:03:47,189 --> 00:03:52,019
fantasy proneness absorption creative

85
00:03:49,859 --> 00:03:54,299
and schizotypal personality mystical

86

00:03:52,019 --> 00:03:56,280
experiences and belief in an experience

87
00:03:54,299 --> 00:04:01,019
of the paranormal so it's sort of an

88
00:03:56,280 --> 00:04:03,780
umbrella psychological factor there's a

89
00:04:01,019 --> 00:04:05,340
trans limit at a scale that it's 29 to

90
00:04:03,780 --> 00:04:09,840
or false items and you just count up the

91
00:04:05,340 --> 00:04:12,239
truths and normally people count about

92
00:04:09,840 --> 00:04:15,299
15 of the 29 items is through this

93
00:04:12,239 --> 00:04:17,399
population and medium says 23 which is

94
00:04:15,299 --> 00:04:21,389
statistically significantly higher than

95
00:04:17,399 --> 00:04:22,929
normal and so that lets let's talk about

96
00:04:21,389 --> 00:04:26,319
the physiology mediums or

97
00:04:22,930 --> 00:04:27,430
is why we are here today so in 1963 in

98
00:04:26,319 --> 00:04:32,399
the International Journal of

99
00:04:27,430 --> 00:04:36,090
parapsychology this French

100
00:04:32,399 --> 00:04:38,799

neuroendocrinologist and physician

101

00:04:36,089 --> 00:04:40,388

Dominique and I've been practicing me

102

00:04:38,800 --> 00:04:41,020

pronouncing his French name so let's see

103

00:04:40,389 --> 00:04:44,259

if I can do it

104

00:04:41,019 --> 00:04:47,529

Allah a sight all right I did it okay

105

00:04:44,259 --> 00:04:51,009

and he made observations of 43 female

106

00:04:47,529 --> 00:04:52,750

mediums starting in 1954 and he said

107

00:04:51,009 --> 00:04:54,879

five of them who might rightfully be

108

00:04:52,750 --> 00:04:56,348

called mediums and then he developed a

109

00:04:54,879 --> 00:05:00,219

two hundred and seven item questionnaire

110

00:04:56,348 --> 00:05:02,348

to give to those five individuals as

111

00:05:00,220 --> 00:05:04,960

well as ten other mediums that he had

112

00:05:02,348 --> 00:05:07,180

come across and in the paper it's

113

00:05:04,959 --> 00:05:11,649

unclear the level of trance that these

114

00:05:07,180 --> 00:05:13,509

mediums entered so from his just talking

115
00:05:11,649 --> 00:05:16,538
to them he didn't he didn't collect any

116
00:05:13,509 --> 00:05:19,300
did he just questioned them and and gave

117
00:05:16,538 --> 00:05:21,159
them this survey he found that a lot of

118
00:05:19,300 --> 00:05:23,860
them reported water attention and

119
00:05:21,160 --> 00:05:26,919
nervous diuresis basically nervous

120
00:05:23,860 --> 00:05:31,598
bladder exophthalmos which is the

121
00:05:26,918 --> 00:05:33,399
technical term for bulgy a libel 92% had

122
00:05:31,598 --> 00:05:36,189
a tendency toward ecchymosis which is

123
00:05:33,399 --> 00:05:38,799
bruising 79 percent complained of

124
00:05:36,189 --> 00:05:41,348
twisting their ankles at every turn 67

125
00:05:38,800 --> 00:05:44,770
percent reported hypertrichosis which is

126
00:05:41,348 --> 00:05:46,629
abnormal hair growth 47 percent had a

127
00:05:44,769 --> 00:05:48,819
particular sensitivity of the epigastric

128
00:05:46,629 --> 00:05:53,319
region and 33 reported a tendency

129
00:05:48,819 --> 00:05:55,750
towards rheumatism and then in 2005 the

130
00:05:53,319 --> 00:05:57,689
parapsychological foundation put out of

131
00:05:55,750 --> 00:06:00,279
coverage called the study of mediumship

132
00:05:57,689 --> 00:06:02,918
interdisciplinary perspectives and their

133
00:06:00,279 --> 00:06:05,918
ruth Reitzel reported her findings of

134
00:06:02,918 --> 00:06:08,709
examining numerous historical so late

135
00:06:05,918 --> 00:06:10,629
this era from the starting in the 1880s

136
00:06:08,709 --> 00:06:12,209
the late 19th and early 20th centuries

137
00:06:10,629 --> 00:06:15,069
she looked at all of these different

138
00:06:12,209 --> 00:06:17,620
descriptions that researchers had

139
00:06:15,069 --> 00:06:19,719
written up about mediums bodily states

140
00:06:17,620 --> 00:06:22,060
during and after these mutants again

141
00:06:19,720 --> 00:06:23,620
were deep trance mediums specifically

142
00:06:22,060 --> 00:06:25,930
when manifested in the context of

143

00:06:23,620 --> 00:06:27,579
physiological disturbance and she found

144
00:06:25,930 --> 00:06:29,860
that the medium stay often involved an

145
00:06:27,579 --> 00:06:31,778
altered physiological balance of the

146
00:06:29,860 --> 00:06:33,250
sympathetic and parasympathetic branches

147
00:06:31,778 --> 00:06:35,649
of the autonomic nervous system a

148
00:06:33,250 --> 00:06:35,889
bizarre mixture of cholinergic passivity

149
00:06:35,649 --> 00:06:39,848
and

150
00:06:35,889 --> 00:06:43,139
to get activity and then in our own lab

151
00:06:39,848 --> 00:06:45,930
we looked at the electric cortical

152
00:06:43,139 --> 00:06:48,278
physiology of the mediums we asked in

153
00:06:45,930 --> 00:06:50,439
this study had two parts and in this

154
00:06:48,278 --> 00:06:52,658
particular part we asked the mediums to

155
00:06:50,439 --> 00:06:54,400
intentionally engage in these four

156
00:06:52,658 --> 00:06:57,188
different mental states and then we

157
00:06:54,399 --> 00:06:59,019

looked at their EEG during each so

158

00:06:57,189 --> 00:07:02,229

recollection think about someone that

159

00:06:59,019 --> 00:07:04,538

you know remember them perception listen

160

00:07:02,228 --> 00:07:07,360

while I read out loud this information

161

00:07:04,538 --> 00:07:09,128

about a person fabrication make up

162

00:07:07,360 --> 00:07:11,169

someone and think about that person and

163

00:07:09,129 --> 00:07:13,360

then communication communicate with a

164

00:07:11,168 --> 00:07:16,538

deceased person that you know and have

165

00:07:13,360 --> 00:07:18,069

invited to the lab and we found that the

166

00:07:16,538 --> 00:07:20,050

experience of communicating with the

167

00:07:18,069 --> 00:07:21,520

deceased may be a distinct mental state

168

00:07:20,050 --> 00:07:23,860

that is not consistent with brain

169

00:07:21,519 --> 00:07:28,000

activity during ordinary thinking or

170

00:07:23,860 --> 00:07:29,740

imagination and then anecdotally like

171

00:07:28,000 --> 00:07:31,740

just getting to know you know these

172
00:07:29,740 --> 00:07:34,509
mediums that I've been working with for

173
00:07:31,740 --> 00:07:36,668
several years now they they seem to have

174
00:07:34,509 --> 00:07:38,229
a lot of diseases especially the female

175
00:07:36,668 --> 00:07:42,848
mediums I mean the majority of our

176
00:07:38,228 --> 00:07:46,750
mediums are female but for example 10 of

177
00:07:42,848 --> 00:07:48,430
16 so I surveyed them formally I was

178
00:07:46,750 --> 00:07:51,158
noticing this and then I had them fill

179
00:07:48,430 --> 00:07:54,009
out a questionnaire so 16 responded and

180
00:07:51,158 --> 00:07:56,110
10 of the 16 have autoimmune disorders

181
00:07:54,009 --> 00:07:59,800
three of those ten have more than one

182
00:07:56,110 --> 00:08:01,360
autoimmune disorder and so that 63% the

183
00:07:59,800 --> 00:08:04,240
National prevalence of autoimmune

184
00:08:01,360 --> 00:08:06,009
disorders in the US is 5 to 8 percent so

185
00:08:04,240 --> 00:08:08,439
the chance is that if I just randomly

186
00:08:06,009 --> 00:08:11,439
picked 16 people that 10 of them would

187
00:08:08,439 --> 00:08:15,330
have autoimmune disease you know not to

188
00:08:11,439 --> 00:08:19,199
mention more than one as infinitesimal

189
00:08:15,329 --> 00:08:21,668
they also report about three times the

190
00:08:19,199 --> 00:08:24,310
prevalence of migraines which is

191
00:08:21,668 --> 00:08:25,959
significant proportion and more than

192
00:08:24,310 --> 00:08:31,389
twice the incidence of type 2 diabetes

193
00:08:25,959 --> 00:08:35,198
but that's not significant in the survey

194
00:08:31,389 --> 00:08:37,629
they also reported 57% edition including

195
00:08:35,198 --> 00:08:39,490
bronchitis pneumonia nazma 50 percent

196
00:08:37,629 --> 00:08:41,408
reported food intolerance and

197
00:08:39,490 --> 00:08:43,870
environmental sensitivities 50 percent

198
00:08:41,408 --> 00:08:47,379
back pain 43 percent sinus issues and

199
00:08:43,870 --> 00:08:49,419
then like the French mediums from the

200

00:08:47,379 --> 00:08:52,870
50s 43 percent did

201
00:08:49,419 --> 00:08:55,179
report gastrointestinal issues 29%

202
00:08:52,870 --> 00:08:58,750
arthritic disorders and 21% water

203
00:08:55,179 --> 00:09:04,000
retention very few reported ecchymosis

204
00:08:58,750 --> 00:09:06,429
bruising only 14% vs. ascites 92% and

205
00:09:04,000 --> 00:09:10,299
then no PO GL eyeball or weird hair

206
00:09:06,429 --> 00:09:12,278
growth in my population Joan Hagman

207
00:09:10,299 --> 00:09:14,379
Julio president Alexander Mori era

208
00:09:12,278 --> 00:09:16,230
Almeida and colleagues also have

209
00:09:14,379 --> 00:09:18,879
reported that spiritual practitioners

210
00:09:16,230 --> 00:09:20,759
often are at risk for stress-related

211
00:09:18,879 --> 00:09:23,078
symptoms at least in the United States

212
00:09:20,759 --> 00:09:24,939
self-styled mediums and Chandler's may

213
00:09:23,078 --> 00:09:28,419
be at greater risk than healers and

214
00:09:24,940 --> 00:09:30,310

intuitive so we wanted to look at this

215

00:09:28,419 --> 00:09:32,198
specifically we're empiricists let's

216

00:09:30,309 --> 00:09:33,669
let's look at what's going on so we

217

00:09:32,198 --> 00:09:35,859
designed this study we call the heme

218

00:09:33,669 --> 00:09:39,099
fist Eddie it was funded by the be--i'll

219

00:09:35,860 --> 00:09:40,720
Foundation and we wanted to just get to

220

00:09:39,100 --> 00:09:42,909
what is it is there something about

221

00:09:40,720 --> 00:09:45,879
mediumship that causes disease in this

222

00:09:42,909 --> 00:09:47,708
population specifically to hematological

223

00:09:45,879 --> 00:09:49,919
and our physiological changes occur

224

00:09:47,708 --> 00:09:52,539
during readings by wind bridge mediums

225

00:09:49,919 --> 00:09:55,479
we repeated we use the repeated measures

226

00:09:52,539 --> 00:09:57,309
design in which five of these medium

227

00:09:55,480 --> 00:09:59,079
wind bridge mediums participated in two

228

00:09:57,309 --> 00:10:01,179
randomized conditions of mediumship

229
00:09:59,078 --> 00:10:04,929
reading and then a control conditioning

230
00:10:01,179 --> 00:10:06,639
which no psychic abilities were used pre

231
00:10:04,929 --> 00:10:08,559
and post each of the two conditions

232
00:10:06,639 --> 00:10:11,139
before and after we looked at blood

233
00:10:08,559 --> 00:10:13,389
pressure heart rate temperature and we

234
00:10:11,139 --> 00:10:15,338
took their blood and then during

235
00:10:13,389 --> 00:10:17,528
continuous during each condition we

236
00:10:15,339 --> 00:10:20,589
looked at pulse ox heart rate and heart

237
00:10:17,528 --> 00:10:22,059
rate variability our secondary question

238
00:10:20,589 --> 00:10:24,730
was do changes in heart rate variability

239
00:10:22,059 --> 00:10:26,799
correlate to variations in the accuracy

240
00:10:24,730 --> 00:10:28,659
of the medium statements during

241
00:10:26,799 --> 00:10:30,338
different segments of the readings so

242
00:10:28,659 --> 00:10:32,439
during each reading the medium was asked

243
00:10:30,339 --> 00:10:33,779
six questions about the deceased person

244
00:10:32,440 --> 00:10:36,120
they were asked to interact with

245
00:10:33,778 --> 00:10:39,730
describe the physical appearance of the

246
00:10:36,120 --> 00:10:41,409
deceased the personality what hobbies

247
00:10:39,730 --> 00:10:43,600
are interested they have how did they

248
00:10:41,409 --> 00:10:45,639
die do they have any messages for the

249
00:10:43,600 --> 00:10:48,100
sitter and is there anything else you

250
00:10:45,639 --> 00:10:49,750
can tell me and then the sitter gave

251
00:10:48,100 --> 00:10:53,050
each of those six segments in the

252
00:10:49,750 --> 00:10:54,850
reading a score and due to the posse of

253
00:10:53,049 --> 00:10:56,349
research in this area to the best of my

254
00:10:54,850 --> 00:10:59,230
knowledge there's been no research in

255
00:10:56,350 --> 00:11:02,000
this area with this population of modern

256
00:10:59,230 --> 00:11:03,950
day American secular mediums

257

00:11:02,000 --> 00:11:05,809
it was difficult to predict which

258
00:11:03,950 --> 00:11:07,550
hematological factors and physical

259
00:11:05,809 --> 00:11:09,979
physiological measures are the most

260
00:11:07,549 --> 00:11:11,599
changed during the mediumistic state so

261
00:11:09,980 --> 00:11:13,159
we just looked at a bunch of things and

262
00:11:11,600 --> 00:11:15,139
thought maybe we'll we'll catch

263
00:11:13,159 --> 00:11:17,929
something well we'll have an idea of

264
00:11:15,139 --> 00:11:20,809
what to follow through on so we looked

265
00:11:17,929 --> 00:11:23,329
at 27 hematological elements including

266
00:11:20,809 --> 00:11:25,849
erythrocyte sedimentation rate sed rate

267
00:11:23,330 --> 00:11:28,850
which is a general generally reflects

268
00:11:25,850 --> 00:11:30,950
the inflammatory State the stress

269
00:11:28,850 --> 00:11:32,450
hormone cortisol the catecholamines

270
00:11:30,950 --> 00:11:35,629
epinephrine norepinephrine and dopamine

271
00:11:32,450 --> 00:11:38,509

as well as just you know standard CBC

272

00:11:35,629 --> 00:11:41,480

and blood chemistry and then we looked

273

00:11:38,509 --> 00:11:44,330

at psychophysiological measures blood

274

00:11:41,480 --> 00:11:46,700

pressure pulse ox electrocardiograph

275

00:11:44,330 --> 00:11:48,680

which gave us heart rate and heart rate

276

00:11:46,700 --> 00:11:50,270

variability and then body temperature

277

00:11:48,679 --> 00:11:52,250

was assessed at the skin as well as

278

00:11:50,269 --> 00:11:54,980

through thermographic imaging of the

279

00:11:52,250 --> 00:11:56,330

hands and the head and so what did we

280

00:11:54,980 --> 00:11:58,100

find

281

00:11:56,330 --> 00:12:02,060

mediumship under these binding

282

00:11:58,100 --> 00:12:03,920

conditions happened the scores which are

283

00:12:02,059 --> 00:12:06,859

from 0 to 6 for these six different

284

00:12:03,919 --> 00:12:11,149

sections and five mediums readings was

285

00:12:06,860 --> 00:12:12,950

four point one out of six and four is a

286
00:12:11,149 --> 00:12:17,240
good section with some incorrect

287
00:12:12,950 --> 00:12:19,160
information all hematological elements

288
00:12:17,240 --> 00:12:21,860
fell well within normal ranges across

289
00:12:19,159 --> 00:12:25,850
all four conditions pre and post reading

290
00:12:21,860 --> 00:12:27,339
pre and post control all normal no

291
00:12:25,850 --> 00:12:30,050
differences we're seen for any

292
00:12:27,339 --> 00:12:31,610
hematological elements or for all but

293
00:12:30,049 --> 00:12:33,469
one which I'll talk about in a second

294
00:12:31,610 --> 00:12:36,980
physiological measures across conditions

295
00:12:33,470 --> 00:12:39,410
so there's not no change in anything and

296
00:12:36,980 --> 00:12:43,009
we saw no correlation between HRV and

297
00:12:39,409 --> 00:12:46,338
accuracy our theory was you know there's

298
00:12:43,009 --> 00:12:48,559
been a lot of data published I mean the

299
00:12:46,339 --> 00:12:50,630
body might have access to SCI

300
00:12:48,559 --> 00:12:52,729
information that cognitively we don't

301
00:12:50,629 --> 00:12:56,539
have access to so the mediums don't have

302
00:12:52,730 --> 00:12:57,920
any cognitive they don't know when the

303
00:12:56,539 --> 00:13:00,259
information they're reporting is going

304
00:12:57,919 --> 00:13:02,029
to be scored as incorrect by the sitter

305
00:13:00,259 --> 00:13:06,500
so we thought well does the body know

306
00:13:02,029 --> 00:13:10,250
and when looking at HRV there was no

307
00:13:06,500 --> 00:13:12,470
change in HIV related to accuracy the

308
00:13:10,250 --> 00:13:14,700
one thing we did see was that the ratio

309
00:13:12,470 --> 00:13:17,310
between low frequency and high frequency

310
00:13:14,700 --> 00:13:19,470
of measure of heart rate variability was

311
00:13:17,309 --> 00:13:21,239
significantly higher for the reading

312
00:13:19,470 --> 00:13:24,210
condition versus the control condition

313
00:13:21,240 --> 00:13:27,060
and a higher ratio indicates increased

314

00:13:24,210 --> 00:13:29,519
sympathetic flight flight fight freeze

315
00:13:27,059 --> 00:13:32,369
or reduce parasympathetic rest and

316
00:13:29,519 --> 00:13:34,110
digest activity however we didn't see

317
00:13:32,370 --> 00:13:36,090
any changes in the stress hormone

318
00:13:34,110 --> 00:13:40,649
cortisol no changes in norepinephrine

319
00:13:36,090 --> 00:13:42,660
which is sympathetic catecholamine no

320
00:13:40,649 --> 00:13:44,429
change in heart rate and no change in

321
00:13:42,659 --> 00:13:47,429
the other two factors of heart rate

322
00:13:44,429 --> 00:13:48,929
variability that we looked into and in

323
00:13:47,429 --> 00:13:50,129
addition epinet the other two

324
00:13:48,929 --> 00:13:52,109
catecholamines that we looked at

325
00:13:50,129 --> 00:13:53,970
epinephrine and dopamine were too low

326
00:13:52,110 --> 00:13:57,870
and across all samples for the lab to

327
00:13:53,970 --> 00:14:00,090
even detect so it no detectable

328
00:13:57,870 --> 00:14:02,129

hematological or psycho physiological

329

00:14:00,090 --> 00:14:03,660

changes seem to have occurred during the

330

00:14:02,129 --> 00:14:07,139

mediumship readings it didn't seem that

331

00:14:03,659 --> 00:14:09,839

we can track any any changes in their

332

00:14:07,139 --> 00:14:11,730

bodies and the limitations beyond this

333

00:14:09,840 --> 00:14:14,490

being a small study there's only five

334

00:14:11,730 --> 00:14:16,710

participants and you know the the issue

335

00:14:14,490 --> 00:14:22,250

that happens in every experiment is when

336

00:14:16,710 --> 00:14:24,090

dasai happen so if they experienced they

337

00:14:22,250 --> 00:14:26,250

communicated with the deceased person

338

00:14:24,090 --> 00:14:27,899

that morning in the hotel room which a

339

00:14:26,250 --> 00:14:29,879

number of them reported that that had

340

00:14:27,899 --> 00:14:32,129

happened and then we took their blood in

341

00:14:29,879 --> 00:14:35,370

the lab maybe we didn't catch it at

342

00:14:32,129 --> 00:14:37,169

whatever had happened so in addition to

343
00:14:35,370 --> 00:14:40,649
those limitations we did only do one

344
00:14:37,169 --> 00:14:42,750
reading and usually in their everyday

345
00:14:40,649 --> 00:14:44,819
practices they're doing four or five six

346
00:14:42,750 --> 00:14:49,740
readings a day and we didn't look at

347
00:14:44,820 --> 00:14:52,290
everything we were limited by cost and

348
00:14:49,740 --> 00:14:53,669
we basically bled them dry as it was

349
00:14:52,289 --> 00:14:55,259
looking at all the different factors

350
00:14:53,669 --> 00:14:58,860
that we looked at so we couldn't look at

351
00:14:55,259 --> 00:15:01,110
everything and but I'm gonna conclude

352
00:14:58,860 --> 00:15:03,899
perhaps mediumship isn't causing the

353
00:15:01,110 --> 00:15:06,629
disease in this population thank you so

354
00:15:03,899 --> 00:15:08,579
what does cause disease I'm gonna

355
00:15:06,629 --> 00:15:12,240
propose its childhood trauma and abuse

356
00:15:08,580 --> 00:15:14,879
and their trigger warning I will now

357
00:15:12,240 --> 00:15:17,070
talk about child abuse there are four

358
00:15:14,879 --> 00:15:20,549
kinds physical emotional sexual and

359
00:15:17,070 --> 00:15:23,250
physical or emotional neglect and I'll

360
00:15:20,549 --> 00:15:24,649
just jump through this these have been

361
00:15:23,250 --> 00:15:26,759
linked to problems in adulthood

362
00:15:24,649 --> 00:15:28,230
including public health issues mental

363
00:15:26,759 --> 00:15:29,850
health issues and

364
00:15:28,230 --> 00:15:31,440
physical diseases and reduction in

365
00:15:29,850 --> 00:15:34,440
lifespan which is what we're interested

366
00:15:31,440 --> 00:15:35,820
in child abuse in general has been

367
00:15:34,440 --> 00:15:37,530
linked to pain neurological

368
00:15:35,820 --> 00:15:40,770
musculoskeletal cardiovascular

369
00:15:37,529 --> 00:15:42,750
respiratory issues and then the

370
00:15:40,769 --> 00:15:45,079
different types of abuse have also been

371

00:15:42,750 --> 00:15:47,490
linked to specific types of diseases

372
00:15:45,080 --> 00:15:48,210
including diabetes and autoimmune

373
00:15:47,490 --> 00:15:53,220
disease

374
00:15:48,210 --> 00:15:55,139
with neglect so we use a child abuse and

375
00:15:53,220 --> 00:15:57,149
trauma scale which yields a quantitative

376
00:15:55,139 --> 00:16:01,439
index of the frequency and extent of

377
00:15:57,149 --> 00:16:03,299
various types of experiences in

378
00:16:01,440 --> 00:16:05,400
childhood and adolescence there's 38

379
00:16:03,299 --> 00:16:08,729
multiple-choice items that gauge all

380
00:16:05,399 --> 00:16:12,480
these these types of abuse and compared

381
00:16:08,730 --> 00:16:14,550
to the norms this population of mediums

382
00:16:12,480 --> 00:16:16,740
who filled out the survey scored

383
00:16:14,549 --> 00:16:19,379
significantly higher on all types of

384
00:16:16,740 --> 00:16:22,139
abuse that were looked at with this

385
00:16:19,379 --> 00:16:24,450

scale childhood trauma has also been

386

00:16:22,139 --> 00:16:25,620
linked to psychic activity psychic

387

00:16:24,450 --> 00:16:29,160
ability

388

00:16:25,620 --> 00:16:30,750
acai in 1963 chose to include in his

389

00:16:29,159 --> 00:16:33,269
report all subject except one had

390

00:16:30,750 --> 00:16:35,460
difficult adolescents sociologists and

391

00:16:33,269 --> 00:16:37,259
Greeley noted that people who score high

392

00:16:35,460 --> 00:16:39,720
on psych tests are more likely to report

393

00:16:37,259 --> 00:16:41,759
high levels of family tension and then

394

00:16:39,720 --> 00:16:43,950
Silvia heartwright noted that stress in

395

00:16:41,759 --> 00:16:46,850
early childhood tends to create greater

396

00:16:43,950 --> 00:16:49,759
than average psychic powers and adults

397

00:16:46,850 --> 00:16:52,350
even the practitioner community has

398

00:16:49,759 --> 00:16:54,000
publicly talked about the troubling link

399

00:16:52,350 --> 00:16:56,430
between childhood trauma and psychic

400
00:16:54,000 --> 00:16:59,210
ability and there are a number of

401
00:16:56,429 --> 00:17:02,159
proposed mechanisms for how this link

402
00:16:59,210 --> 00:17:05,220
one is abuse causes dissociation and

403
00:17:02,159 --> 00:17:08,039
that's a sign conducive state the

404
00:17:05,220 --> 00:17:10,160
presence of abuse may result in the

405
00:17:08,039 --> 00:17:12,720
development of predictive and protective

406
00:17:10,160 --> 00:17:17,100
perception so you have to learn to be

407
00:17:12,720 --> 00:17:18,900
aware of of things that just beyond the

408
00:17:17,099 --> 00:17:21,149
five senses where the dangers coming

409
00:17:18,900 --> 00:17:23,700
from if it's coming that sort of thing

410
00:17:21,150 --> 00:17:27,269
so you've learned to be open to these

411
00:17:23,700 --> 00:17:29,220
other issues as well as disruption of

412
00:17:27,269 --> 00:17:31,769
chakra or other energetic systems

413
00:17:29,220 --> 00:17:33,990
through abuse results in psychic ability

414
00:17:31,769 --> 00:17:36,210
so I think we've seen we've established

415
00:17:33,990 --> 00:17:38,400
in this population the the relationship

416
00:17:36,210 --> 00:17:39,809
between mediumship and disease the

417
00:17:38,400 --> 00:17:41,259
relation between mediumship and

418
00:17:39,809 --> 00:17:45,339
childhood trauma and

419
00:17:41,259 --> 00:17:47,890
the mainstream evidence for trauma and

420
00:17:45,339 --> 00:17:50,500
its relationship to disease so I am

421
00:17:47,890 --> 00:17:54,009
proposing not concluding but proposing

422
00:17:50,500 --> 00:17:56,019
that it's not mediumship that causes

423
00:17:54,009 --> 00:18:00,279
disease it's trauma that causes

424
00:17:56,019 --> 00:18:03,549
mediumship and disease so in the future

425
00:18:00,279 --> 00:18:06,160
we've received a second this not our

426
00:18:03,549 --> 00:18:08,289
cigarette another grant from the

427
00:18:06,160 --> 00:18:09,790
be--i'll foundation titled the

428

00:18:08,289 --> 00:18:12,039
development and implementation of a

429
00:18:09,789 --> 00:18:14,379
comprehensive survey of secular American

430
00:18:12,039 --> 00:18:16,000
mediums our aim of that studies to

431
00:18:14,380 --> 00:18:18,420
identify potentially unique demographic

432
00:18:16,000 --> 00:18:20,500
cognitive psychological physiological

433
00:18:18,420 --> 00:18:22,779
familial cultural and phenomenological

434
00:18:20,500 --> 00:18:24,970
characteristics of self identifying

435
00:18:22,779 --> 00:18:27,670
mediums in the US so we'd like to see is

436
00:18:24,970 --> 00:18:29,950
this are these trends present in the

437
00:18:27,670 --> 00:18:33,039
population in general besides just these

438
00:18:29,950 --> 00:18:35,080
this our team that we work with we also

439
00:18:33,039 --> 00:18:37,659
would not be averse to collect him or

440
00:18:35,079 --> 00:18:40,240
him team phys data if the resources were

441
00:18:37,660 --> 00:18:41,740
to present themselves so I want to

442
00:18:40,240 --> 00:18:44,019

acknowledge my husband and research

443

00:18:41,740 --> 00:18:46,079

partner in mark Poquette C who collected

444

00:18:44,019 --> 00:18:48,940

and analyzed all the physiological data

445

00:18:46,079 --> 00:18:50,980

the physicians Shawn to Sonnen Judy

446

00:18:48,940 --> 00:18:52,539

Gianni who helped us with the blood

447

00:18:50,980 --> 00:18:55,390

collection and let us use their layout

448

00:18:52,539 --> 00:18:57,490

their facilities the mediums and the

449

00:18:55,390 --> 00:18:59,710

sitters who participated the be--i'll

450

00:18:57,490 --> 00:19:01,970

foundation for their funding and you for

451

00:18:59,710 --> 00:19:07,869

your polite attention thank you

452

00:19:01,970 --> 00:19:07,868

[Applause]