

**SURVIVAL OF CONSCIOUSNESS,
BODY OWNERSHIP,
AND CELLULAR TURNOVER RESEARCH**

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Society for Scientific Exploration
Conscience:
Increasing the Productivity
of a Peer-Reviewed Research



**SOCIETY
FOR
SCIENTIFIC
EXPLORATION**

1
00:00:14,459 --> 00:00:13,290
spoiler you are not so I'm going today

2
00:00:15,440 --> 00:00:14,469
I'm going to talk about the concilium

3
00:00:17,000 --> 00:00:15,450
survival

4
00:00:18,590 --> 00:00:17,010
this body ownership and cellular

5
00:00:20,029 --> 00:00:18,600
turnover research because you know I'll

6
00:00:23,630 --> 00:00:20,039
have full bellies will now be talking

7
00:00:25,220 --> 00:00:23,640
about bodily functions so I'm going to

8
00:00:26,390 --> 00:00:25,230
talk about in a different order than the

9
00:00:29,720 --> 00:00:26,400
title is I'm going to talk about body

10
00:00:33,530 --> 00:00:29,730
ownership and cellular turnover which is

11
00:00:35,810 --> 00:00:33,540
a very mainstream topic and it's

12
00:00:36,860 --> 00:00:35,820
published in mainstream journals and

13
00:00:40,010 --> 00:00:36,870

then I'm also going to talk about

14

00:00:44,209 --> 00:00:40,020

survival of consciousness more Edgefield

15

00:00:46,910 --> 00:00:44,219

or non materialist non mainstream for

16

00:00:48,860 --> 00:00:46,920

example if you google scholar search

17

00:00:51,140 --> 00:00:48,870

body ownership you get over 2 million

18

00:00:54,170 --> 00:00:51,150

results survival of consciousness over 1

19

00:00:55,850 --> 00:00:54,180

million but your search body ownership

20

00:00:59,300 --> 00:00:55,860

and survival of consciousness did not

21

00:01:03,319 --> 00:00:59,310

match any articles when Google can't

22

00:01:04,880 --> 00:01:03,329

find a thing it doesn't exist so ok

23

00:01:07,429 --> 00:01:04,890

let's start with body ownership there

24

00:01:10,280 --> 00:01:07,439

are three major aspects to by two body

25

00:01:13,580 --> 00:01:10,290

ownership a sense of - this body belongs

26

00:01:17,060 --> 00:01:13,590

to me a sense of agency the ability to

27

00:01:19,940 --> 00:01:17,070

initiate and control action and the

28

00:01:23,539 --> 00:01:19,950

sense of self location i beez right here

29

00:01:26,629 --> 00:01:23,549

Here I am in my body and so we're

30

00:01:30,109 --> 00:01:26,639

getting constant continual feedback that

31

00:01:33,709 --> 00:01:30,119

we're in this body there are is all

32

00:01:37,699 --> 00:01:33,719

kinds of ways and so when I see

33

00:01:40,669 --> 00:01:37,709

something when I feel something and then

34

00:01:42,050 --> 00:01:40,679

my experience is that I'm feeling it but

35

00:01:44,779 --> 00:01:42,060

I know it happened to this body that

36

00:01:46,999 --> 00:01:44,789

centers me into this body I am in this

37

00:01:49,279 --> 00:01:47,009

body and there's when I move this body

38

00:01:51,499 --> 00:01:49,289

moves when I want to when I go on a

39

00:01:53,840 --> 00:01:51,509

roller coaster this body gets dizzy and

40

00:01:56,629 --> 00:01:53,850

I feel the dizziness so we're getting

41

00:01:59,239 --> 00:01:56,639

this continual in information and

42

00:02:02,359 --> 00:01:59,249

feedback that this is where I am this is

43

00:02:06,019 --> 00:02:02,369

where I am but this can go awry very

44

00:02:09,050 --> 00:02:06,029

easily in a condition called somatic

45

00:02:12,760 --> 00:02:09,060

arif Renia people often stroke victims

46

00:02:17,059 --> 00:02:12,770

of localized lesions in the brain will

47

00:02:19,730 --> 00:02:17,069

feel like they don't own the paralyzed

48

00:02:21,949 --> 00:02:19,740

limb and so they'll think that's not my

49

00:02:24,470 --> 00:02:21,959

hand and if your hand is in the visual

50

00:02:29,300 --> 00:02:24,480

field where that hand is they'll mistake

51
00:02:31,430 --> 00:02:29,310
your hand for theirs and it also go

52
00:02:34,900 --> 00:02:31,440
a'right in situations of microgravity

53
00:02:38,030 --> 00:02:34,910
like orbital and parabolic flights in

54
00:02:39,710 --> 00:02:38,040
parabolic flights they the jet climbs

55
00:02:45,140 --> 00:02:39,720
and then it dives and it climbs and it

56
00:02:48,170 --> 00:02:45,150
dives to mimic a weightless situation

57
00:02:50,420 --> 00:02:48,180
and it can it creates what's called the

58
00:02:52,550 --> 00:02:50,430
inversion illusion where you think that

59
00:02:54,250 --> 00:02:52,560
you're upside down or that you're right

60
00:02:57,620 --> 00:02:54,260
set up and the world is upside down and

61
00:02:59,570 --> 00:02:57,630
when they come out of the parabola and

62
00:03:02,210 --> 00:02:59,580
everybody's supposed to get back where

63
00:03:04,970 --> 00:03:02,220

they're supposed to be people go wrong

64

00:03:10,370 --> 00:03:04,980

they go upside down and this can result

65

00:03:13,490 --> 00:03:10,380

in a major accident it's also really

66

00:03:15,350 --> 00:03:13,500

easy to mess with intentionally so

67

00:03:18,199 --> 00:03:15,360

experimentally induced illusions

68

00:03:20,780 --> 00:03:18,209

demonstrate an astonishing malleability

69

00:03:23,449 --> 00:03:20,790

in our idea of body ownership it's

70

00:03:27,350 --> 00:03:23,459

really easy to mess with it using things

71

00:03:29,030 --> 00:03:27,360

literally like smoke and mirrors so the

72

00:03:30,530 --> 00:03:29,040

first we'll talk about two illusions the

73

00:03:32,809 --> 00:03:30,540

first one is called a rubber hand

74

00:03:34,940 --> 00:03:32,819

illusion it was first published in 1998

75

00:03:37,280 --> 00:03:34,950

and it's been done hundreds of times in

76

00:03:40,640 --> 00:03:37,290

all kinds of different ways but overall

77

00:03:42,800 --> 00:03:40,650

this is how it looks so you are assisted

78

00:03:46,849 --> 00:03:42,810

the participant is seated at a table and

79

00:03:49,039 --> 00:03:46,859

there's some kind of barrier preventing

80

00:03:52,580 --> 00:03:49,049

you from seeing your arm and then they

81

00:03:56,020 --> 00:03:52,590

put a rubber hand so that what what you

82

00:03:59,199 --> 00:03:56,030

can see is now a rubber hand and then an

83

00:04:01,670 --> 00:03:59,209

experimenter uses a paintbrush and

84

00:04:03,860 --> 00:04:01,680

simultaneously brushes your hand at the

85

00:04:05,539 --> 00:04:03,870

same time as the rubber hand so now what

86

00:04:07,190 --> 00:04:05,549

you can see is the brush on the rubber

87

00:04:09,890 --> 00:04:07,200

hand but what you can feel is the brush

88

00:04:12,710 --> 00:04:09,900

on your own hand and what people report

89

00:04:15,500 --> 00:04:12,720

is during the experiment there were

90

00:04:16,789 --> 00:04:15,510

times when it seemed as if I was feeling

91

00:04:18,259 --> 00:04:16,799

the touch of the paintbrush in the

92

00:04:21,050 --> 00:04:18,269

location where he saw the rubber hand

93

00:04:22,640 --> 00:04:21,060

touch it seemed that the touch I felt

94

00:04:24,350 --> 00:04:22,650

was caused by the paintbrush touching

95

00:04:27,409 --> 00:04:24,360

the rubber hand I felt as the rubber

96

00:04:29,600 --> 00:04:27,419

hand was mine and they can also have

97

00:04:31,460 --> 00:04:29,610

what's called proprioceptive drift where

98

00:04:32,600 --> 00:04:31,470

if they said close your eyes and take

99

00:04:35,029 --> 00:04:32,610

your other hand and put it under the

100

00:04:37,670 --> 00:04:35,039

table where your hand is and that people

101
00:04:40,850 --> 00:04:37,680
drift toward the rubber hand than to

102
00:04:42,140 --> 00:04:40,860
where their actual hand is and you think

103
00:04:44,450 --> 00:04:42,150
oh yeah well that's just a hand

104
00:04:45,890 --> 00:04:44,460
like I wouldn't I couldn't so if your

105
00:04:47,900 --> 00:04:45,900
brain is doing a good job

106
00:04:50,360 --> 00:04:47,910
it will mistake the rubber hand for your

107
00:04:52,720 --> 00:04:50,370
hand anyway well it but not in my body

108
00:04:55,400 --> 00:04:52,730
right oh no totally your whole body too

109
00:04:59,540 --> 00:04:55,410
so in the full body or body swap

110
00:05:02,780 --> 00:04:59,550
illusion is the second one they use

111
00:05:05,420 --> 00:05:02,790
immersive embodied virtual reality where

112
00:05:06,830 --> 00:05:05,430
sensory and motor stimuli occur in

113
00:05:09,140 --> 00:05:06,840

synchrony with the first-person

114

00:05:10,640 --> 00:05:09,150
perspective of an avatar using

115

00:05:13,070 --> 00:05:10,650
computer-generated imaging or

116

00:05:14,360 --> 00:05:13,080
stereoscopic video so again this has

117

00:05:16,640 --> 00:05:14,370
been done hundreds and hundreds of times

118

00:05:20,630 --> 00:05:16,650
in all kinds of different ways so for

119

00:05:24,170 --> 00:05:20,640
example they the virtual reality there's

120

00:05:27,800 --> 00:05:24,180
a head mounted display and so the camera

121

00:05:30,440 --> 00:05:27,810
is the eyes now so what the camera can

122

00:05:33,920 --> 00:05:30,450
see is what you are seeing out of your

123

00:05:36,860 --> 00:05:33,930
eyes but the camera is 6 feet behind you

124

00:05:38,330 --> 00:05:36,870
so then when you see someone it's like

125

00:05:42,080 --> 00:05:38,340
with the paintbrush when you see someone

126
00:05:44,930 --> 00:05:42,090
touching that body it's six feet you're

127
00:05:47,450 --> 00:05:44,940
the eyes are six feet behind you so your

128
00:05:50,750 --> 00:05:47,460
virtual body where you think you are is

129
00:05:52,340 --> 00:05:50,760
six feet in front of you and there

130
00:05:54,740 --> 00:05:52,350
there's all kinds of ways to do this it

131
00:05:56,570 --> 00:05:54,750
can do it where you're behind yourself

132
00:05:59,060 --> 00:05:56,580
where you're above yourself looking up

133
00:06:01,610 --> 00:05:59,070
you're above yourself looking down if

134
00:06:03,770 --> 00:06:01,620
the camera is on the experimenters head

135
00:06:05,660 --> 00:06:03,780
and you're both doing paintbrushes your

136
00:06:07,450 --> 00:06:05,670
experience is that you are painting the

137
00:06:10,100 --> 00:06:07,460
paper on your own hand

138
00:06:13,460 --> 00:06:10,110

it's really easy to mess with this so

139

00:06:17,000 --> 00:06:13,470

again hundreds of studies and you can

140

00:06:18,800 --> 00:06:17,010

feel body swapped in bodies of all kinds

141

00:06:21,530 --> 00:06:18,810

of shapes and sizes and genders and

142

00:06:27,380 --> 00:06:21,540

colors very easily even inanimate

143

00:06:30,320 --> 00:06:27,390

objects and animal avatars and then in

144

00:06:32,630 --> 00:06:30,330

this one it's just socks and gloves all

145

00:06:34,160 --> 00:06:32,640

you are socks and gloves so this is the

146

00:06:35,780 --> 00:06:34,170

head-mounted display and this is what

147

00:06:37,550 --> 00:06:35,790

you can see here you can see when you

148

00:06:39,860 --> 00:06:37,560

move your hands and when you move your

149

00:06:41,990 --> 00:06:39,870

feet these hands and feet move these

150

00:06:43,400 --> 00:06:42,000

gloves and socks move so your brain goes

151
00:06:45,250 --> 00:06:43,410
ok we're over there who are invisible

152
00:06:50,060 --> 00:06:45,260
now ok I got it

153
00:06:51,320 --> 00:06:50,070
and even with a mannequin they can do

154
00:06:54,170 --> 00:06:51,330
this so in this

155
00:06:57,470 --> 00:06:54,180
picture these are the cameras and so

156
00:06:59,840 --> 00:06:57,480
what this guy can see in his head

157
00:07:02,150 --> 00:06:59,850
mounted display is like looking down at

158
00:07:03,410 --> 00:07:02,160
this body and so she's gonna touch both

159
00:07:05,570 --> 00:07:03,420
of these things with the paintbrushes

160
00:07:08,120 --> 00:07:05,580
and what he's gonna it won't take long

161
00:07:09,950 --> 00:07:08,130
at all he's gonna think well I don't

162
00:07:12,320 --> 00:07:09,960
remember taking my shirt off and doing

163
00:07:15,080 --> 00:07:12,330

all those sit-ups but okay that's mine

164

00:07:17,810 --> 00:07:15,090

okay that's my body okay that's my body

165

00:07:19,970 --> 00:07:17,820

now okay and they have a subjective

166

00:07:21,830 --> 00:07:19,980

experience of that that's their body and

167

00:07:23,720 --> 00:07:21,840

the brain is doing its job it's got

168

00:07:26,150 --> 00:07:23,730

feedback that that's its body and it

169

00:07:28,880 --> 00:07:26,160

knows and it's doing a good job and so

170

00:07:32,510 --> 00:07:28,890

there's this subjective experience but

171

00:07:35,090 --> 00:07:32,520

there's also an objective way to

172

00:07:38,450 --> 00:07:35,100

determine this where if you if the

173

00:07:41,120 --> 00:07:38,460

virtual body has threat to it you will

174

00:07:43,460 --> 00:07:41,130

experience anxiety and they track this

175

00:07:47,840 --> 00:07:43,470

using skin conduction skin conductance

176

00:07:50,150 --> 00:07:47,850

responses so if a knife gets pulled on

177

00:07:54,620 --> 00:07:50,160

that belly you will respond as if a

178

00:07:56,570 --> 00:07:54,630

knife got pulled on your belly so our

179

00:07:58,760 --> 00:07:56,580

sense of body ownership is highly

180

00:08:02,000 --> 00:07:58,770

flexible the mind is only tenuously

181

00:08:04,610 --> 00:08:02,010

tethered to the body so where is it in

182

00:08:06,080 --> 00:08:04,620

the body is it which cells is it in all

183

00:08:08,620 --> 00:08:06,090

the cells where is it

184

00:08:11,180 --> 00:08:08,630

so let's talk about cellular turnover

185

00:08:13,610 --> 00:08:11,190

this is a little background on this so

186

00:08:16,670 --> 00:08:13,620

in the late 50s early 60s there was a

187

00:08:20,390 --> 00:08:16,680

lot of above-ground nuclear testing and

188

00:08:22,790 --> 00:08:20,400

it was there was a huge boom in

189

00:08:24,950 --> 00:08:22,800

carbon-14 in the atmosphere and it

190

00:08:27,380 --> 00:08:24,960

quickly got everywhere all over the

191

00:08:30,200 --> 00:08:27,390

whole planet and it got incorporated

192

00:08:31,670 --> 00:08:30,210

into the carbon dioxide and then the

193

00:08:32,990 --> 00:08:31,680

plants ate the carbon dioxide and the

194

00:08:34,160 --> 00:08:33,000

animals ate the plants and the people

195

00:08:36,800 --> 00:08:34,170

ate the plants and the animals and

196

00:08:41,060 --> 00:08:36,810

everybody had carbon-14 in their system

197

00:08:45,770 --> 00:08:41,070

and so this group in Sweden they looked

198

00:08:48,860 --> 00:08:45,780

at pine tree rings right because there

199

00:08:51,260 --> 00:08:48,870

they get every year they're established

200

00:08:53,870 --> 00:08:51,270

so they took the cellulose from the

201
00:08:56,180 --> 00:08:53,880
rings each year and that directly

202
00:08:57,620 --> 00:08:56,190
mimicked what was in the atmosphere at

203
00:09:01,400 --> 00:08:57,630
that time so they could track they could

204
00:09:03,200 --> 00:09:01,410
like do a curve of the carbon-14 content

205
00:09:04,970 --> 00:09:03,210
in the atmosphere and then it turns out

206
00:09:08,930 --> 00:09:04,980
that the genomic do

207
00:09:11,180 --> 00:09:08,940
a-also mimics the amount of carbon-14 in

208
00:09:14,540 --> 00:09:11,190
the atmosphere so they use mass

209
00:09:16,939 --> 00:09:14,550
spectroscopy to determine the level of

210
00:09:18,590 --> 00:09:16,949
carbon-14 in different kinds of tissues

211
00:09:20,480 --> 00:09:18,600
and then they can find like the birth

212
00:09:22,550 --> 00:09:20,490
date of that tissue because they know

213
00:09:25,519 --> 00:09:22,560

what year that was that the atmosphere

214

00:09:27,889 --> 00:09:25,529

looked like that so these are some

215

00:09:29,960 --> 00:09:27,899

things that using this bomb pulse method

216

00:09:31,879 --> 00:09:29,970

have been found so the intestinal

217

00:09:34,759 --> 00:09:31,889

epithelial cells the lining of the

218

00:09:37,030 --> 00:09:34,769

intestine turns over every five days the

219

00:09:41,600 --> 00:09:37,040

non epithelial cells in the intestine

220

00:09:43,610 --> 00:09:41,610

16-years cardiac myocytes the muscle

221

00:09:47,990 --> 00:09:43,620

cells in the heart less than 50%

222

00:09:49,879 --> 00:09:48,000

turnover in your whole life the genes

223

00:09:52,490 --> 00:09:49,889

and the cerebellum stopped growing by

224

00:09:55,639 --> 00:09:52,500

two years old but the glial cells which

225

00:09:59,000 --> 00:09:55,649

are the scaffolding of the brain they

226

00:09:59,650 --> 00:09:59,010

turn over every four years skin two to

227

00:10:03,829 --> 00:09:59,660

three weeks

228

00:10:06,110 --> 00:10:03,839

bones ten years skeletal muscles 15

229

00:10:08,329 --> 00:10:06,120

years and your tendons are probably the

230

00:10:10,340 --> 00:10:08,339

age you were when you had your pubescent

231

00:10:13,699 --> 00:10:10,350

growth spurt you grew your tendons and

232

00:10:16,220 --> 00:10:13,709

then they were done the lens of the eye

233

00:10:18,110 --> 00:10:16,230

and dental enamel never never gets

234

00:10:21,379 --> 00:10:18,120

turned over so if we're anywhere that's

235

00:10:25,220 --> 00:10:21,389

where we are and so you might have heard

236

00:10:27,939 --> 00:10:25,230

this the dental enamel is the window to

237

00:10:32,210 --> 00:10:30,500

you might have heard this myth that the

238

00:10:34,400 --> 00:10:32,220

body turns over every seven years and

239

00:10:36,139 --> 00:10:34,410

that's nonsense clearly this all it's a

240

00:10:40,970 --> 00:10:36,149

lot of different things happening all

241

00:10:43,850 --> 00:10:40,980

the time so the body is fluctuating but

242

00:10:46,819 --> 00:10:43,860

the body is not all that you think that

243

00:10:49,189 --> 00:10:46,829

it is so human cells in the body number

244

00:10:51,769 --> 00:10:49,199

at thirty trillion and this is pretty

245

00:10:54,769 --> 00:10:51,779

standard because even like when muscle

246

00:10:58,220 --> 00:10:54,779

builds it doesn't make a new cell the

247

00:11:00,590 --> 00:10:58,230

myofibrils inside the muscle cell so

248

00:11:03,980 --> 00:11:00,600

like my bicep probably has just as many

249

00:11:06,379 --> 00:11:03,990

muscle cells as your bicep the cool

250

00:11:07,790 --> 00:11:06,389

thing is so 30 trillion human cells the

251

00:11:11,019 --> 00:11:07,800

cool thing is in your body

252

00:11:13,400 --> 00:11:11,029

there are also 30 trillion bacteria

253

00:11:15,530 --> 00:11:13,410

there's just as many of them as there

254

00:11:17,750 --> 00:11:15,540

are of us they're very small so they

255

00:11:18,090 --> 00:11:17,760

don't take up as much space but if you

256

00:11:20,160 --> 00:11:18,100

could

257

00:11:22,290 --> 00:11:20,170

like take them out and put them they

258

00:11:24,600 --> 00:11:22,300

would weigh about half a pound it's like

259

00:11:27,120 --> 00:11:24,610

two sticks of butter of bacteria in your

260

00:11:28,650 --> 00:11:27,130

body and you should thank them because

261

00:11:30,960 --> 00:11:28,660

you would be dead without them that we

262

00:11:34,050 --> 00:11:30,970

can't digest our food they educate our

263

00:11:37,350 --> 00:11:34,060

immune system against what like what's

264

00:11:39,780 --> 00:11:37,360

friend and what's fo the this I just

265

00:11:41,400 --> 00:11:39,790

think is super fascinating in human

266

00:11:44,370 --> 00:11:41,410

breast milk there's a particular

267

00:11:47,160 --> 00:11:44,380

oligosaccharide of sugar in huge amounts

268

00:11:49,439 --> 00:11:47,170

a baby can't use that sugar the gut

269

00:11:50,519 --> 00:11:49,449

flora the bacteria and the babies got

270

00:11:53,850 --> 00:11:50,529

love it

271

00:11:56,220 --> 00:11:53,860

so for eons the mother's milk has been

272

00:11:58,949 --> 00:11:56,230

having this high content of this

273

00:12:01,829 --> 00:11:58,959

oligosaccharide simply to build the gut

274

00:12:04,019 --> 00:12:01,839

flora in the baby so we're you know it's

275

00:12:06,540 --> 00:12:04,029

a symbiotic relationship obviously we

276

00:12:10,259 --> 00:12:06,550

would be dead without them so when you

277

00:12:12,689 --> 00:12:10,269

have live culture probiotics you might

278

00:12:14,910 --> 00:12:12,699

want to do what I do and I say hello

279

00:12:18,079 --> 00:12:14,920

little bugs I call them little bugs and

280

00:12:22,069 --> 00:12:18,089

I say thanks little bugs welcome home

281

00:12:28,889 --> 00:12:22,079

this is where you live now in julie land

282

00:12:31,530 --> 00:12:28,899

so the in the more we because skin turns

283

00:12:35,429 --> 00:12:31,540

over fast so in the morning mark and i

284

00:12:38,249 --> 00:12:35,439

say good morning welcome new cells so

285

00:12:40,559 --> 00:12:38,259

the body is fluctuating and only part of

286

00:12:42,569 --> 00:12:40,569

it is you there's this entirely all

287

00:12:44,460 --> 00:12:42,579

these other species and and they're

288

00:12:46,110 --> 00:12:44,470

don't get me started on all the viruses

289

00:12:48,569 --> 00:12:46,120

and mites and there's all kinds of

290

00:12:57,329 --> 00:12:48,579

things growing in you that it's not you

291

00:13:00,300 --> 00:12:57,339

so if you're not so where are you and it

292

00:13:03,300 --> 00:13:00,310

looks like you are both nowhere and

293

00:13:05,790 --> 00:13:03,310

everywhere because research

294

00:13:07,259 --> 00:13:05,800

demonstrating sigh that is telepathy

295

00:13:11,009 --> 00:13:07,269

clairvoyance precognition and

296

00:13:12,389 --> 00:13:11,019

psychokinesis we heard this this paper

297

00:13:16,050 --> 00:13:12,399

has been referenced a couple times at

298

00:13:20,340 --> 00:13:16,060

this conference so in 2018 the APA

299

00:13:21,929 --> 00:13:20,350

published in an APA journal this your

300

00:13:24,110 --> 00:13:21,939

friend and mine thurston professor of

301
00:13:28,079 --> 00:13:24,120
psychology in sweden at south gardenia

302
00:13:29,870 --> 00:13:28,089
in this paper sighted over 1200 and 25

303
00:13:31,820 --> 00:13:29,880
published works and

304
00:13:34,340 --> 00:13:31,830
found that an extensive amount of

305
00:13:36,410 --> 00:13:34,350
quality research exists providing a

306
00:13:38,900 --> 00:13:36,420
cumulative support for the reality of

307
00:13:41,800 --> 00:13:38,910
sigh which cannot be readily explained

308
00:13:44,630 --> 00:13:41,810
away by the reality of the studies fraud

309
00:13:46,820 --> 00:13:44,640
sorry the quality of the studies fraud

310
00:13:48,860 --> 00:13:46,830
selective reporting experimental or

311
00:13:52,610 --> 00:13:48,870
analytical and competence or other

312
00:13:55,550 --> 00:13:52,620
frequent criticisms so mind can

313
00:13:57,710 --> 00:13:55,560

transcend space and time so this this

314

00:14:01,430 --> 00:13:57,720

last topic that I wanted to talk about

315

00:14:06,170 --> 00:14:01,440

with survival of consciousness and there

316

00:14:09,020 --> 00:14:06,180

are the three main topics are blinded

317

00:14:11,900 --> 00:14:09,030

mediumship readings near-death

318

00:14:14,450 --> 00:14:11,910

experiences involving brain death and

319

00:14:18,350 --> 00:14:14,460

that have veridical information comes

320

00:14:22,270 --> 00:14:18,360

back and then verifiable stories of

321

00:14:24,860 --> 00:14:22,280

children who remember past lives so

322

00:14:27,170 --> 00:14:24,870

you've heard me talk about blinded

323

00:14:29,930 --> 00:14:27,180

mediumship readings before and you know

324

00:14:33,290 --> 00:14:29,940

I love my p-values but we're you know

325

00:14:36,020 --> 00:14:33,300

we're having a meal here let's let's do

326

00:14:39,710 --> 00:14:36,030

some more kind of fun things so I'm

327

00:14:42,790 --> 00:14:39,720

gonna tell some stories and because of

328

00:14:45,260 --> 00:14:42,800

the blinding of our mediumship research

329

00:14:46,730 --> 00:14:45,270

you know it our protocol we ask the

330

00:14:48,200 --> 00:14:46,740

medium what did the person look like

331

00:14:49,850 --> 00:14:48,210

what's their personality how did they

332

00:14:51,800 --> 00:14:49,860

die what are their hobbies so there's

333

00:14:55,490 --> 00:14:51,810

not a lot of room for like interesting

334

00:14:57,920 --> 00:14:55,500

stories and but I have collected stories

335

00:15:01,010 --> 00:14:57,930

from the mediums on our team over the

336

00:15:04,310 --> 00:15:01,020

years and you know they solve murders

337

00:15:06,020 --> 00:15:04,320

they find bodies they but again it's a

338

00:15:08,330 --> 00:15:06,030

little late hearted we're just having

339

00:15:09,860 --> 00:15:08,340

dinner so I thought I'd do a little bit

340

00:15:12,140 --> 00:15:09,870

I wouldn't talk about murder and suicide

341

00:15:14,180 --> 00:15:12,150

how about that so and I wanted to keep

342

00:15:17,870 --> 00:15:14,190

these story short so so this is my

343

00:15:19,610 --> 00:15:17,880

example of a story from a wind bridge

344

00:15:22,670 --> 00:15:19,620

certified research medium this story is

345

00:15:24,890 --> 00:15:22,680

from Laurel and Jackson and she said one

346

00:15:27,020 --> 00:15:24,900

sitters dad came through repeatedly and

347

00:15:29,210 --> 00:15:27,030

told his daughter to stop all capitals

348

00:15:31,100 --> 00:15:29,220

using the two-in-one shampoo on her

349

00:15:32,930 --> 00:15:31,110

daughter his granddaughter he kept

350

00:15:34,580 --> 00:15:32,940

bringing it up over and over she said

351
00:15:36,590 --> 00:15:34,590
because he was so insistent she stopped

352
00:15:38,720 --> 00:15:36,600
using it within a week her daughter's

353
00:15:40,190 --> 00:15:38,730
chronic skin condition which he had had

354
00:15:42,290 --> 00:15:40,200
for over a year and a half and which

355
00:15:43,280 --> 00:15:42,300
various doctors had diagnosed as viral

356
00:15:45,260 --> 00:15:43,290
and without a cure

357
00:15:47,330 --> 00:15:45,270
cleared up in a weekend never came back

358
00:15:48,920 --> 00:15:47,340
and Laura says I thought this was neat

359
00:15:52,520 --> 00:15:48,930
as it showed that the other side can

360
00:15:56,030 --> 00:15:52,530
intervene and helped loved ones okay and

361
00:15:59,180 --> 00:15:56,040
then this is a story from paramedic in

362
00:16:01,130 --> 00:15:59,190
Australia named Frank and so this one is

363
00:16:05,060 --> 00:16:01,140

the story about near-death experience

364

00:16:07,430 --> 00:16:05,070

and so I will read this this is was

365

00:16:09,020 --> 00:16:07,440

posted online and I promised Marc I

366

00:16:12,110 --> 00:16:09,030

wouldn't try and do the Australian

367

00:16:14,540 --> 00:16:12,120

accent so I I won't do it it will be

368

00:16:17,630 --> 00:16:14,550

hard because he says reckon at one point

369

00:16:19,160 --> 00:16:17,640

a 49 year old male developed chest pain

370

00:16:22,430 --> 00:16:19,170

and called for an ambulance My partner

371

00:16:23,690 --> 00:16:22,440

and I were the first on scene he had

372

00:16:25,910 --> 00:16:23,700

stopped breathing we assessed him I

373

00:16:27,560 --> 00:16:25,920

found that he was in cardiac arrest we

374

00:16:29,750 --> 00:16:27,570

ended up working on the patient for 20

375

00:16:32,450 --> 00:16:29,760

minutes without any change one of this

376

00:16:34,670 --> 00:16:32,460

senior paramedics said okay what do you

377

00:16:36,260 --> 00:16:34,680

guys reckon shall we call it I was

378

00:16:38,240 --> 00:16:36,270

working with a new rookie paramedic and

379

00:16:41,240 --> 00:16:38,250

said no he can use some more experience

380

00:16:43,130 --> 00:16:41,250

with CPR the senior paramedic laughed

381

00:16:44,810 --> 00:16:43,140

and said hey if you want him to get more

382

00:16:46,430 --> 00:16:44,820

experience there's a mannequin back at

383

00:16:49,760 --> 00:16:46,440

the station he's got just as much chance

384

00:16:51,650 --> 00:16:49,770

of resuscitating it as this guy almost

385

00:16:53,510 --> 00:16:51,660

as though the out-of-body person had

386

00:16:55,040 --> 00:16:53,520

heard that and decided hey no I don't

387

00:16:56,540 --> 00:16:55,050

want to die yet we had miraculous

388

00:16:59,240 --> 00:16:56,550

spontaneous return of circular

389

00:17:00,860 --> 00:16:59,250

circulation we expedited him to hospital

390

00:17:02,990 --> 00:17:00,870

two days later we found out that he had

391

00:17:05,900 --> 00:17:03,000

been excavated and was neurologically

392

00:17:07,910 --> 00:17:05,910

intact in cardiac ICU no way we think

393

00:17:09,560 --> 00:17:07,920

good for him it probably would have been

394

00:17:11,090 --> 00:17:09,570

the last we ever thought about him if it

395

00:17:13,730 --> 00:17:11,100

wasn't for the knock at our station door

396

00:17:15,590 --> 00:17:13,740

one early morning hi Frank the man

397

00:17:17,689 --> 00:17:15,600

looked at me my name is John I believe

398

00:17:19,490 --> 00:17:17,699

we met a couple months ago I look at him

399

00:17:20,930 --> 00:17:19,500

and try to work out where I treated him

400

00:17:23,660 --> 00:17:20,940

and for what I just couldn't place it

401
00:17:25,970 --> 00:17:23,670
the man sees my confusion he says the

402
00:17:27,319 --> 00:17:25,980
last time we met my heart wasn't working

403
00:17:29,540 --> 00:17:27,329
in fact they tell me it had stopped

404
00:17:31,910 --> 00:17:29,550
completely now I know who he is says

405
00:17:33,950 --> 00:17:31,920
Frank I invited him and we get a vitamin

406
00:17:35,690 --> 00:17:33,960
and we get chatting finally he says I

407
00:17:38,000 --> 00:17:35,700
want to thank you for giving me an extra

408
00:17:41,570 --> 00:17:38,010
10 minutes of CPR even it was only so

409
00:17:46,560 --> 00:17:45,060
sorry I say instantly aware of how close

410
00:17:49,080 --> 00:17:46,570
the man was to dying because we were

411
00:17:50,730 --> 00:17:49,090
going to quit I was there he's the man

412
00:17:52,350 --> 00:17:50,740
said you see I saw the whole thing

413
00:17:53,970 --> 00:17:52,360

and I remember Jack saying that he

414

00:17:55,710 --> 00:17:53,980

wanted to call it and you saying your

415

00:17:58,530 --> 00:17:55,720

rookie needed extra work on his CPR

416

00:17:59,760 --> 00:17:58,540

anyway so you may as well keep going the

417

00:18:01,890 --> 00:17:59,770

Frank at this point is shocked and

418

00:18:04,500 --> 00:18:01,900

fascinated at the same time really what

419

00:18:06,420 --> 00:18:04,510

else what else do you remember well I

420

00:18:08,280 --> 00:18:06,430

remember the other paramedics suggested

421

00:18:09,600 --> 00:18:08,290

that they should be just as much at

422

00:18:11,580 --> 00:18:09,610

likelihood of resuscitating the

423

00:18:13,500 --> 00:18:11,590

mannequin back at the station as me and

424

00:18:15,450 --> 00:18:13,510

it was about then that I realized that

425

00:18:17,160 --> 00:18:15,460

this was serious if I wanted to live I

426

00:18:19,320 --> 00:18:17,170

was going to have to get back in that

427

00:18:23,130 --> 00:18:19,330

body and the next thing I know I'm in

428

00:18:27,000 --> 00:18:23,140

hospital a few days later okay and then

429

00:18:28,230 --> 00:18:27,010

this is my story from about children who

430

00:18:30,030 --> 00:18:28,240

remember past lives and if you're

431

00:18:31,620 --> 00:18:30,040

familiar with Jim Tucker's work you

432

00:18:34,410 --> 00:18:31,630

probably have heard all the amazing

433

00:18:37,230 --> 00:18:34,420

stories that he has on this and so this

434

00:18:39,300 --> 00:18:37,240

is a story from the book from 2013

435

00:18:40,530 --> 00:18:39,310

called return to life and I asked him if

436

00:18:42,870 --> 00:18:40,540

I could use it and I said I was looking

437

00:18:45,720 --> 00:18:42,880

for something short and odd and he goes

438

00:18:48,380 --> 00:18:45,730

that one short nod so yeah go ahead so

439

00:18:51,090 --> 00:18:48,390

this this is a story from Jim's book

440

00:18:53,430 --> 00:18:51,100

most of the claims of past lives as

441

00:18:55,860 --> 00:18:53,440

animals are of course unverifiable one

442

00:18:57,330 --> 00:18:55,870

strange case in Thailand of a boy who

443

00:18:59,370 --> 00:18:57,340

claimed to have been a Python in a

444

00:19:01,680 --> 00:18:59,380

previous life seems to be an exception

445

00:19:03,930 --> 00:19:01,690

the boy named allowin claimed he had

446

00:19:06,150 --> 00:19:03,940

been a deer in a past life he said that

447

00:19:09,030 --> 00:19:06,160

after he was killed by a hunter he was

448

00:19:11,190 --> 00:19:09,040

reborn as a snake just before down was

449

00:19:12,660 --> 00:19:11,200

conceived his father had eaten snake

450

00:19:14,610 --> 00:19:12,670

meat when it was served to him by an

451
00:19:16,890 --> 00:19:14,620
acquaintance who had killed a Python

452
00:19:18,990 --> 00:19:16,900
after an extended struggle when dala

453
00:19:21,330 --> 00:19:19,000
Wong was three that acquaintance mr.

454
00:19:23,760 --> 00:19:21,340
Hugh came to a party at the house next

455
00:19:25,350 --> 00:19:23,770
to Dowling's family the doll along nor

456
00:19:27,300 --> 00:19:25,360
his mother had met him before

457
00:19:29,520 --> 00:19:27,310
when doll Owen saw him he became

458
00:19:32,250 --> 00:19:29,530
infuriated and tried to find a hammer or

459
00:19:33,720 --> 00:19:32,260
a stick to use to attack him he said mr.

460
00:19:35,700 --> 00:19:33,730
Hugh had killed him when he was a snake

461
00:19:37,860 --> 00:19:35,710
and gave details of how the killing

462
00:19:40,140 --> 00:19:37,870
occurred these were the ones that died

463
00:19:41,820 --> 00:19:40,150

along seemingly these were ones that

464

00:19:44,280 --> 00:19:41,830

doll along seemingly had no way of

465

00:19:46,110 --> 00:19:44,290

knowing involving a particular cave and

466

00:19:48,180 --> 00:19:46,120

a fight between a snake and two dogs

467

00:19:49,980 --> 00:19:48,190

followed by a confrontation with the

468

00:19:52,470 --> 00:19:49,990

owner of the dogs who killed the snake

469

00:19:52,980 --> 00:19:52,480

Hugh confirmed that all the details were

470

00:19:55,030 --> 00:19:52,990

correct

471

00:19:57,370 --> 00:19:55,040

Dola wong said that after he was killed

472

00:19:59,020 --> 00:19:57,380

spirit saw his future father and thought

473

00:20:01,030 --> 00:19:59,030

he was kinder than the other men who ate

474

00:20:03,220 --> 00:20:01,040

the snake meat he followed him home and

475

00:20:05,020 --> 00:20:03,230

soon entered his mother's body his

476
00:20:07,030 --> 00:20:05,030
father reported that when Dahl along met

477
00:20:08,620 --> 00:20:07,040
Hugh he touched him on his left shoulder

478
00:20:10,720 --> 00:20:08,630
and said he'd been bitten by the snake

479
00:20:13,330 --> 00:20:10,730
there his father said who did indeed

480
00:20:14,070 --> 00:20:13,340
have a scar on that spot from the from a

481
00:20:16,660 --> 00:20:14,080
snakebite

482
00:20:18,460 --> 00:20:16,670
20 years later dalla Wong still believed

483
00:20:20,440 --> 00:20:18,470
he had been a snake in his past life he

484
00:20:22,270 --> 00:20:20,450
continued to visit the cave where the

485
00:20:23,920 --> 00:20:22,280
snake had been killed he would go there

486
00:20:25,810 --> 00:20:23,930
every couple of months and meditate

487
00:20:28,060 --> 00:20:25,820
during his meditation he obtained

488
00:20:30,190 --> 00:20:28,070

information about using herbs to help

489

00:20:32,020 --> 00:20:30,200

the sick and he was recognized in his

490

00:20:34,750 --> 00:20:32,030

village at that point as a local doctor

491

00:20:37,020 --> 00:20:34,760

I should also add that dalla Wong was

492

00:20:39,730 --> 00:20:37,030

born with a Chi OSIS a skin condition

493

00:20:42,610 --> 00:20:39,740

that caused his body particularly the

494

00:20:44,410 --> 00:20:42,620

lower half to be covered in scales you

495

00:20:46,290 --> 00:20:44,420

might say that made his skin look

496

00:20:52,060 --> 00:20:46,300

snake-like

497

00:20:54,130 --> 00:20:52,070

so that's my stories so not these

498

00:20:57,100 --> 00:20:54,140

particular stories necessarily are not

499

00:21:01,360 --> 00:20:57,110

evidence but these three bodies of

500

00:21:03,190 --> 00:21:01,370

research mediumship near-death

501
00:21:05,500 --> 00:21:03,200
experiences and children who remember

502
00:21:09,280 --> 00:21:05,510
past lives demonstrate that mind can

503
00:21:12,430 --> 00:21:09,290
survive the death of the body so what do

504
00:21:14,110 --> 00:21:12,440
we learn today apparently nothing our

505
00:21:17,200 --> 00:21:14,120
sense of body ownership is highly

506
00:21:20,230 --> 00:21:17,210
flexible the mind is only tenuously

507
00:21:24,070 --> 00:21:20,240
tethered to the body the body is

508
00:21:27,640 --> 00:21:24,080
fluctuating and only partially you mind

509
00:21:30,820 --> 00:21:27,650
can transcend space and time mine can

510
00:21:32,500 --> 00:21:30,830
survive the death of the body so in

511
00:21:34,180 --> 00:21:32,510
conclusion the body is clearly more than

512
00:21:39,730 --> 00:21:34,190
the thing that carries your head around

513
00:21:43,750 --> 00:21:39,740

from conference to conference it is

514

00:21:45,520 --> 00:21:43,760

remarkable it is a physical thing in an

515

00:21:48,670 --> 00:21:45,530

intimate symbiotic relationship with

516

00:21:50,380 --> 00:21:48,680

entirely other species that they

517

00:21:52,960 --> 00:21:50,390

couldn't live without us and we can live

518

00:21:54,160 --> 00:21:52,970

without them and then it also has this

519

00:21:57,340 --> 00:21:54,170

intimate relationship with this

520

00:21:59,560 --> 00:21:57,350

non-local thing we call mind that can

521

00:22:01,570 --> 00:21:59,570

transcend space and time like that's

522

00:22:04,480 --> 00:22:01,580

pretty cool for a body to be able to do

523

00:22:08,070 --> 00:22:04,490

those things so but you are not your

524

00:22:10,470 --> 00:22:08,080

body mine is limitless death is not the

525

00:22:14,040 --> 00:22:10,480

I hope that gives you some things to

526

00:22:15,240 --> 00:22:14,050

think about I want to thank my husband

527

00:22:16,830 --> 00:22:15,250

Mark you guys should thank him too

528

00:22:19,820 --> 00:22:16,840

because when I started this pers agent

529

00:22:22,320 --> 00:22:19,830

was so boring and he really really

530

00:22:24,090 --> 00:22:22,330

helped me tighten it up and I want to

531

00:22:26,360 --> 00:22:24,100

thank the program committee and you for