

1

00:00:00,000 --> 00:00:03,760

You know, I've been around for a while.

2

00:00:03,760 --> 00:00:05,640

Met some interesting people.

3

00:00:05,640 --> 00:00:08,000

Done some crazy things.

4

00:00:08,000 --> 00:00:10,800

See, you just might think that there's not much

5

00:00:10,800 --> 00:00:14,640

that can take you by surprise.

6

00:00:14,640 --> 00:00:16,040

You'd be wrong.

7

00:00:21,040 --> 00:00:25,200

The world is full of stories, science, and things

8

00:00:25,200 --> 00:00:27,200

that are made for you.

9

00:00:27,200 --> 00:00:30,800

Science and things that amaze and confound me.

10

00:00:30,800 --> 00:00:32,800

Every single day, incredible mysteries

11

00:00:32,800 --> 00:00:34,000

that keep me awake at night.

12

00:00:34,000 --> 00:00:36,200

Some I can answer.

13

00:00:36,200 --> 00:00:38,200

Oh, there's just...

14

00:00:38,200 --> 00:00:40,200

Stifylogics.

15

00:00:41,200 --> 00:00:44,200

Do parallel worlds exist?

16

00:00:44,200 --> 00:00:47,200

In New York, a woman has a frightening encounter

17

00:00:47,200 --> 00:00:51,200

with a mysterious shadow shaped like a human.

18

00:00:51,200 --> 00:00:53,200

Was it an entity from another dimension?

19

00:00:53,200 --> 00:00:56,200

There was something very sinister about it.

20

00:00:57,200 --> 00:01:01,200

In New Jersey, a boy becomes entangled in a strange machine.

21

00:01:01,200 --> 00:01:05,200

On the count of three, we jump through the field of energy.

22

00:01:05,200 --> 00:01:07,200

And ends up in another world.

23

00:01:07,200 --> 00:01:10,200

Does teleportation exist?

24

00:01:11,200 --> 00:01:16,200

And in Mexico, an explorer uncovers a bizarre skull

25

00:01:16,200 --> 00:01:18,200

made of crystal.

26

00:01:18,200 --> 00:01:21,200

Is it a doorway to another universe?

27

00:01:21,200 --> 00:01:24,200

Yeah.

28

00:01:24,200 --> 00:01:28,200

It's a weird world, and I love it.

29

00:01:43,200 --> 00:01:46,200

Bubbles! Beautiful, aren't they?

30

00:01:46,200 --> 00:01:48,200

Well, guess what scientists believe that we're living in one?

31

00:01:48,200 --> 00:01:51,200

They say that our entire universe is a giant,

32

00:01:51,200 --> 00:01:54,200

perhaps infinite-sized one of these.

33

00:01:55,200 --> 00:01:57,200

But if that's hard to comprehend, there's something else.

34

00:01:57,200 --> 00:02:01,200

In 2010, scientists found something extraordinary.

35

00:02:01,200 --> 00:02:05,200

Evidence that our bubble, our universe,

36

00:02:05,200 --> 00:02:07,200

has been bruised not once, but four times.

37

00:02:07,200 --> 00:02:11,200

Why? Because it's smashed into other bubbles!

38

00:02:11,200 --> 00:02:14,200

And do you know what those other bubbles are?

39

00:02:14,200 --> 00:02:16,200

Other universes.

40

00:02:16,200 --> 00:02:18,200

There could be millions of them.

41

00:02:18,200 --> 00:02:20,200

Parallel worlds.

42

00:02:20,200 --> 00:02:23,200

And there are dimensions that exist alongside ours.

43

00:02:23,200 --> 00:02:25,200

Amazing, isn't it?

44

00:02:25,200 --> 00:02:27,200

Let's think about this.

45

00:02:27,200 --> 00:02:29,200

If it's true, that means there could be people or something like us

46

00:02:29,200 --> 00:02:31,200

floating around inside them.

47

00:02:31,200 --> 00:02:33,200

Isn't that a little scary?

48

00:02:33,200 --> 00:02:35,200

Could we, in the distant future,

49

00:02:35,200 --> 00:02:38,200

bump into something or someone from a neighboring dimension?

50

00:02:38,200 --> 00:02:40,200

Well, I've got news for you.

51

00:02:40,200 --> 00:02:43,200

It's happening right now.

52

00:02:44,200 --> 00:02:46,200

Bubbles!

53

00:02:50,200 --> 00:02:53,200

Rosemary Gilley is an author.

54

00:02:57,200 --> 00:03:00,200

In October 2010, she decided to go hiking

55

00:03:00,200 --> 00:03:03,200

in the Thonstock State Park in New York.

56

00:03:03,200 --> 00:03:07,200

So I trekked out by myself, which is not always a good idea.

57

00:03:07,200 --> 00:03:09,200

And there was no one around.

58

00:03:09,200 --> 00:03:11,200

There was no one on the trail.

59

00:03:11,200 --> 00:03:14,200

And I went out to what we call the King's Chamber.

60

00:03:15,200 --> 00:03:18,200

The King's Chamber is one of several mysterious

61

00:03:18,200 --> 00:03:21,200

man-made structures in the area.

62

00:03:21,200 --> 00:03:24,200

Nobody really knows who built them or why.

63

00:03:24,200 --> 00:03:28,200

And many people who visit them have paranormal experiences.

64

00:03:29,200 --> 00:03:32,200

Some think Native Americans made them.

65

00:03:32,200 --> 00:03:35,200

Others believe it was European settlers,

66

00:03:35,200 --> 00:03:37,200

or even ancient druids.

67

00:03:38,200 --> 00:03:40,200

No one knows for sure,

68

00:03:40,200 --> 00:03:43,200

but as Rosemary enters the ruins,

69

00:03:43,200 --> 00:03:46,200

she begins to sense something strange.

70

00:03:46,200 --> 00:03:49,200

I could sense an unusual presence there.

71

00:03:49,200 --> 00:03:53,200

You have a feeling that there may be something unseen watching you,

72

00:03:53,200 --> 00:03:56,200

or that something unusual is about to happen.

73

00:03:57,200 --> 00:04:00,200

Despite her misgivings, Rosemary presses on.

74

00:04:01,200 --> 00:04:05,200

It's not long before she's sorry she did.

75

00:04:08,200 --> 00:04:12,200

I became aware of a dark shade moving through the trees in front of me.

76

00:04:12,200 --> 00:04:15,200

There was something very sinister about it.

77

00:04:15,200 --> 00:04:19,200

This figure was tall and slim,

78

00:04:19,200 --> 00:04:22,200

and it looked like the outline of a human being.

79

00:04:22,200 --> 00:04:26,200

It was very dark in color, inky dark.

80

00:04:26,200 --> 00:04:29,200

And it had very blurry edges,

81

00:04:29,200 --> 00:04:33,200

and the lower portion of it sort of trailed away.

82

00:04:33,200 --> 00:04:36,200

There's no facial features, no eyes,

83

00:04:36,200 --> 00:04:38,200

but yet you know what's looking at you.

84

00:04:38,200 --> 00:04:40,200

You can just feel it.

85

00:04:40,200 --> 00:04:42,200

And that is a very scary thing.

86

00:04:42,200 --> 00:04:45,200

Was Rosemary's mind playing tricks,

87

00:04:45,200 --> 00:04:52,200

or was someone or something stalking her through the king's chamber?

88

00:04:52,200 --> 00:04:54,200

This was not an apparition.

89

00:04:54,200 --> 00:04:57,200

You simply know when you are encountering something

90

00:04:57,200 --> 00:05:00,200

that's not quite of this world.

91

00:05:00,200 --> 00:05:02,200

So what was it?

92

00:05:03,200 --> 00:05:06,200

Rosemary didn't wait around five hours.

93

00:05:06,200 --> 00:05:09,200

It was like one of those movies

94

00:05:09,200 --> 00:05:12,200

where bad things are happening to people,

95

00:05:12,200 --> 00:05:14,200

and a voice says,

96

00:05:14,200 --> 00:05:17,200

Get out! It's time to go.

97

00:05:17,200 --> 00:05:20,200

What did Rosemary Gillies see?

98

00:05:20,200 --> 00:05:23,200

Was she in real danger from a shadow,

99

00:05:23,200 --> 00:05:26,200

or was it something even more sinister?

100

00:05:26,200 --> 00:05:29,200

Incredibly, her experience is not unique.

101

00:05:29,200 --> 00:05:31,200

Hundreds have reported encounters

102

00:05:31,200 --> 00:05:35,200

with dark, humanoid, transparent creatures.

103

00:05:36,200 --> 00:05:39,200

They call them shadow people.

104

00:05:39,200 --> 00:05:41,200

But what are they?

105

00:05:41,200 --> 00:05:45,200

Rosemary has come to an incredible conclusion.

106

00:05:45,200 --> 00:05:48,200

Shadow people come from other dimensions,

107

00:05:48,200 --> 00:05:51,200

parallel dimensions that are right here on this planet.

108

00:05:51,200 --> 00:05:53,200

They're just around a certain bend in space

109

00:05:53,200 --> 00:05:55,200

where we can't normally see them

110

00:05:55,200 --> 00:05:58,200

except under the right circumstances.

111

00:06:00,200 --> 00:06:04,200

Are shadow people intruders from a parallel dimension?

112

00:06:04,200 --> 00:06:07,200

If so, how do they cross into our world?

113

00:06:07,200 --> 00:06:10,200

And what do they want?

114

00:06:12,200 --> 00:06:14,200

Chris French is a psychologist.

115

00:06:14,200 --> 00:06:17,200

He believes there is a simple explanation.

116

00:06:18,200 --> 00:06:21,200

These shadow people are just shadows.

117

00:06:21,200 --> 00:06:24,200

The way that these shadow people are said to move

118

00:06:24,200 --> 00:06:26,200

is kind of a very fitting motion.

119

00:06:26,200 --> 00:06:29,200

One moment they're there, the next moment they're somewhere else.

120

00:06:29,200 --> 00:06:33,200

But, really, it sounds very much like the way that shadows move.

121

00:06:34,200 --> 00:06:37,200

Are shadow people simply random shadows?

122

00:06:37,200 --> 00:06:41,200

If so, what gives them such distinct human shapes?

123

00:06:42,200 --> 00:06:47,200

French believes the answer lies in a phenomenon called pareidolia.

124

00:06:47,200 --> 00:06:50,200

Pareidolia refers specifically to this idea

125

00:06:50,200 --> 00:06:54,200

that we can sometimes think we see clear and distinct human forms

126

00:06:54,200 --> 00:06:57,200

in what is essentially just a random background noise.

127

00:06:58,200 --> 00:07:01,200

I think everybody's probably had the experience of looking at patterns on wallpaper

128

00:07:01,200 --> 00:07:04,200

and making out faces in those patterns,

129

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

or we look up in the clouds and we see animal shapes.

130

00:07:08,200 --> 00:07:11,200

People have found images of Christ in plates of spaghetti,

131

00:07:11,200 --> 00:07:16,200

in cinnamon buns, in the burn marks on tortillas.

132

00:07:16,200 --> 00:07:19,200

What you've got are really kind of more or less random patterns,

133

00:07:19,200 --> 00:07:22,200

but we will impose some kind of meaning on them.

134

00:07:22,200 --> 00:07:26,200

People tend to experience shadow people

135

00:07:26,200 --> 00:07:28,200

in certain kinds of locations.

136

00:07:28,200 --> 00:07:31,200

If you're in a forest, if you're in a cave,

137

00:07:31,200 --> 00:07:33,200

if you're in somewhere where there's lots of shadows,

138

00:07:33,200 --> 00:07:39,200

then those are precisely the kind of random background visual noise situations

139

00:07:39,200 --> 00:07:42,200

where you might actually think you can see things that aren't there.

140

00:07:42,200 --> 00:07:45,200

And there's probably also the fact that in certain kinds of environments

141

00:07:45,200 --> 00:07:48,200

there are reasons why we might actually feel on edge.

142

00:07:48,200 --> 00:07:50,200

So, for example, if you went into a cave

143

00:07:50,200 --> 00:07:52,200

and there's a very, very high ceiling in the cave,

144

00:07:52,200 --> 00:07:55,200

then, again, that will tend to make us feel slightly on edge

145

00:07:55,200 --> 00:07:58,200

because we don't know what's up there, what might be about to jump on us.

146

00:07:58,200 --> 00:08:01,200

And if you think of this from the evolutionary perspective,

147

00:08:01,200 --> 00:08:03,200

it makes sense that in certain locations

148

00:08:03,200 --> 00:08:05,200

we are more kind of alert, more on guard,

149

00:08:05,200 --> 00:08:10,200

more aware of possible threats in the environment than in other places.

150

00:08:11,200 --> 00:08:16,200

But many who have encountered shadow people feel physically threatened.

151

00:08:17,200 --> 00:08:18,200

Why?

152

00:08:18,200 --> 00:08:23,200

I think one of the reasons that people often perceive these things

153

00:08:23,200 --> 00:08:25,200

as being something potentially threatening

154

00:08:25,200 --> 00:08:27,200

is because that's the way we've evolved.

155

00:08:28,200 --> 00:08:30,200

In terms of our evolutionary history,

156

00:08:30,200 --> 00:08:33,200

then it makes sense that we have cognitive systems

157

00:08:33,200 --> 00:08:38,200

that are very much tuned to picking up on possible threats in the environment.

158

00:08:38,200 --> 00:08:42,200

And so, very often, if we think we can see some kind of form,

159

00:08:42,200 --> 00:08:45,200

if we think there's something out there that might do us harm,

160

00:08:45,200 --> 00:08:49,200

then it's better to err on the side of perceiving it that way as a potential threat

161

00:08:49,200 --> 00:08:51,200

and getting out of any possible danger

162

00:08:51,200 --> 00:08:53,200

rather than to take any risks.

163

00:08:54,200 --> 00:08:58,200

Are our survival instincts tricking us into believing a shadow

164

00:08:58,200 --> 00:09:01,200

is a terrifying, real creature?

165

00:09:01,200 --> 00:09:04,200

It's an extremely common phenomenon for perfectly sane people

166

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

to sometimes see things that aren't actually there.

167

00:09:09,200 --> 00:09:14,200

There are parts of the brain that are hard-wired to recognize faces and human forms.

168

00:09:14,200 --> 00:09:18,200

And so, sometimes those parts of the brain will actually fire

169

00:09:18,200 --> 00:09:21,200

when what we're looking at are really just shadows.

170

00:09:22,200 --> 00:09:24,200

Are shadow people simply shadows?

171

00:09:26,200 --> 00:09:29,200

Rosemary Gilley isn't convinced.

172

00:09:29,200 --> 00:09:32,200

It was not a trick of my imagination.

173

00:09:32,200 --> 00:09:36,200

It was unmistakable, black-shaped moving through the trees.

174

00:09:44,200 --> 00:09:47,200

You know, it's amazing how real shadows can appear.

175

00:09:48,200 --> 00:09:53,200

But could something like this be a terrifying shadow creature

176

00:09:53,200 --> 00:09:56,200

from another dimension that's come to pay us a visit?

177

00:10:01,200 --> 00:10:04,200

Did you do that, Fluffy?

178

00:10:05,200 --> 00:10:08,200

So who exactly are shadow people?

179

00:10:08,200 --> 00:10:10,200

Where do they come from?

180

00:10:11,200 --> 00:10:13,200

One man believes he has the answer.

181

00:10:13,200 --> 00:10:17,200

They belong to a race of beings that if it predates human beings,

182

00:10:17,200 --> 00:10:20,200

exist in a dimension very close to ours.

183

00:10:20,200 --> 00:10:24,200

A woman has a terrifying encounter with a human-like shadow.

184

00:10:24,200 --> 00:10:30,200

Was it a trick of her mind or a visitor from a parallel world?

185

00:10:30,200 --> 00:10:33,200

Philip Mbrogno is a paranormal researcher.

186

00:10:33,200 --> 00:10:36,200

He thinks the answer is clear.

187

00:10:37,200 --> 00:10:40,200

From the cases that I've studied about shadow people,

188

00:10:40,200 --> 00:10:43,200

I believe they are interdimensional in nature.

189

00:10:43,200 --> 00:10:45,200

They are intelligent.

190

00:10:45,200 --> 00:10:49,200

They belong to a race of beings that if it predates human beings,

191

00:10:49,200 --> 00:10:53,200

they exist in a dimension very close to ours.

192

00:10:54,200 --> 00:10:58,200

It's an incredible theory, but it begs one big question.

193

00:10:58,200 --> 00:11:02,200

How can we know these other dimensions exist?

194

00:11:03,200 --> 00:11:07,200

Mbrogno believes the answer lies with the force of gravity

195

00:11:07,200 --> 00:11:10,200

and its component part, the graviton.

196

00:11:10,200 --> 00:11:14,200

The particle that is responsible for gravity

197

00:11:14,200 --> 00:11:16,200

has been labeled the graviton.

198

00:11:16,200 --> 00:11:20,200

Gravitons flow through the dimensions just like a wave.

199

00:11:20,200 --> 00:11:23,200

These particles have a pole, like a magnetic pole.

200

00:11:23,200 --> 00:11:26,200

The gravity coming from our sun,

201

00:11:26,200 --> 00:11:30,200

reaching the earth, should theoretically tear the earth apart.

202

00:11:30,200 --> 00:11:32,200

But it doesn't.

203

00:11:32,200 --> 00:11:37,200

If all of these gravitons, being emitted from the sun,

204

00:11:37,200 --> 00:11:41,200

were filtered through multi-dimensions,

205

00:11:41,200 --> 00:11:43,200

before they reach us,

206

00:11:43,200 --> 00:11:47,200

it could give us an indication that these other extra dimensions

207

00:11:47,200 --> 00:11:49,200

do in fact exist.

208

00:11:50,200 --> 00:11:54,200

If that sounds like gobbledygook, here's the simple version.

209

00:11:55,200 --> 00:11:58,200

Mbrogno thinks gravity is being weakened

210

00:11:58,200 --> 00:12:00,200

as it travels from the sun to earth,

211

00:12:00,200 --> 00:12:03,200

because it's being diffused as it passes through,

212

00:12:03,200 --> 00:12:08,200

you guessed it, other dimensions that are home to shadow people.

213

00:12:08,200 --> 00:12:10,200

It's an extraordinary, somewhat crazy idea,

214

00:12:10,200 --> 00:12:14,200

but if there are other dimensions surrounding ours,

215

00:12:14,200 --> 00:12:19,200

how are shadow people traveling between them and to us?

216

00:12:20,200 --> 00:12:24,200

Shadow people may understand the concept of the gravitons

217

00:12:24,200 --> 00:12:26,200

more than we do.

218

00:12:26,200 --> 00:12:31,200

Their technology has been around thousands and thousands of years

219

00:12:31,200 --> 00:12:34,200

before human beings, so they may understand

220

00:12:34,200 --> 00:12:38,200

that they may have to focus gravitons at a particular area

221

00:12:38,200 --> 00:12:44,200

to open up a portal to lead into our reality.

222

00:12:46,200 --> 00:12:48,200

According to Mbrogno,

223

00:12:48,200 --> 00:12:52,200

he will soon have hard scientific evidence to support his theory.

224

00:12:52,200 --> 00:12:54,200

When these dimensions are opened up,

225

00:12:54,200 --> 00:12:57,200

we should see an influx of gravitons.

226

00:13:02,200 --> 00:13:06,200

This interaction can be measured,

227

00:13:06,200 --> 00:13:10,200

so the exciting research that I'm involved in right now

228

00:13:10,200 --> 00:13:14,200

is building devices that would be able to detect

229

00:13:14,200 --> 00:13:21,200

large amounts of gravitons to predict when shadow people would appear.

230

00:13:23,200 --> 00:13:28,200

Are shadow people using gravity to open portals to our dimension?

231

00:13:29,200 --> 00:13:32,200

And if so, what do they want?

232

00:13:32,200 --> 00:13:36,200

Their purpose, their agenda may vary depending upon

233

00:13:36,200 --> 00:13:38,200

the group of shadow people.

234

00:13:38,200 --> 00:13:40,200

I don't think they have one agenda.

235

00:13:40,200 --> 00:13:43,200

I don't think they work together as a team.

236

00:13:44,200 --> 00:13:48,200

I think they work together more or less in clans or groups.

237

00:13:48,200 --> 00:13:51,200

Some of them have certain agendas.

238

00:13:51,200 --> 00:13:54,200

Some of them may have different agendas.

239

00:13:54,200 --> 00:14:01,200

It seems to me that the main objective of the shadow person visit

240

00:14:01,200 --> 00:14:06,200

is to learn about us as much as they can by observing us.

241

00:14:06,200 --> 00:14:09,200

Some people would find that very unsettling.

242

00:14:10,200 --> 00:14:13,200

Usually, the prelude to an invasion

243

00:14:13,200 --> 00:14:18,200

is going and getting intelligence before you make your move.

244

00:14:19,200 --> 00:14:23,200

Some people believe this is what's being done.

245

00:14:24,200 --> 00:14:27,200

Did Rosemary Gilley encounter a curious shadow person?

246

00:14:28,200 --> 00:14:32,200

Are we facing an invasion of beings from a neighboring dimension?

247

00:14:33,200 --> 00:14:34,200

Should we be afraid?

248

00:14:34,200 --> 00:14:35,200

Very afraid.

249

00:14:36,200 --> 00:14:38,200

Or are they nothing but a trick of light?

250

00:14:40,200 --> 00:14:41,200

Weird.

251

00:14:42,200 --> 00:14:43,200

Or what?

252

00:14:58,200 --> 00:15:03,200

You know, I used to get into a lot of sticky situations during our voyage

253

00:15:03,200 --> 00:15:07,200

on the Starship Enterprise.

254

00:15:07,200 --> 00:15:11,200

But I was always able to get out of them like this.

255

00:15:14,200 --> 00:15:18,200

See, when I just did there and I didn't even have scotty to beat me up.

256

00:15:18,200 --> 00:15:24,200

But can we somehow transport ourselves from one location to another in an instant?

257

00:15:25,200 --> 00:15:27,200

Things like that are science fiction.

258

00:15:27,200 --> 00:15:28,200

Right?

259

00:15:33,200 --> 00:15:35,200

1960, suburban New Jersey.

260

00:15:38,200 --> 00:15:43,200

Six-year-old Andrew Bashiaka was about to have the most incredible day of his life.

261

00:15:43,200 --> 00:15:45,200

My dad called out to my mother and said,

262

00:15:45,200 --> 00:15:47,200

Han, I'm taking Andy to the hardware store.

263

00:15:47,200 --> 00:15:53,200

Instead, he drove me up to the old Aeronautical Company facility in Woodridge, New Jersey.

264

00:15:53,200 --> 00:16:00,200

A large, defense technical, experimental area that dated back to World War II.

265

00:16:01,200 --> 00:16:06,200

As they entered the facility, Andrew wonders why his father Frank would bring him to a place like this.

266

00:16:08,200 --> 00:16:10,200

I didn't know what was happening.

267

00:16:10,200 --> 00:16:13,200

Andrew's dad leads him to a secret room.

268

00:16:13,200 --> 00:16:17,200

Inside is something unlike anything he's ever seen before.

269

00:16:20,200 --> 00:16:24,200

It was so strange, it essentially consisted of two elliptical shaped booms

270

00:16:24,200 --> 00:16:28,200

that were about eight feet tall and about ten feet across.

271

00:16:28,200 --> 00:16:32,200

It's a machine that's beyond Andrew's comprehension.

272

00:16:32,200 --> 00:16:35,200

Whatever it is, his father is clearly in charge.

273

00:16:36,200 --> 00:16:38,200

But why?

274

00:16:38,200 --> 00:16:40,200

And what is it for?

275

00:16:41,200 --> 00:16:44,200

I had the technician turn the device on.

276

00:16:44,200 --> 00:16:51,200

As Andrew watches, the booms begin to spin, generating a strange cascade of energy.

277

00:16:51,200 --> 00:16:54,200

It looked almost like water falling in a public fountain.

278

00:16:54,200 --> 00:16:57,200

It was a very beautiful, sort of shimmering field of energy.

279

00:16:59,200 --> 00:17:05,200

As the energy field from the machine grows, Andrew's dad does something incredible.

280

00:17:06,200 --> 00:17:13,200

It tells us on to take his hand, then the unimaginable happens.

281

00:17:14,200 --> 00:17:16,200

We counted down one, two, three.

282

00:17:16,200 --> 00:17:19,200

On a count of three, we jumped through the field of energy.

283

00:17:19,200 --> 00:17:23,200

We seemed to be moving and I could ultimately see a point of light in the distance.

284

00:17:23,200 --> 00:17:26,200

And that light reached us very quickly and accelerated.

285

00:17:26,200 --> 00:17:30,200

And when the light hit us, we were elsewhere in the country.

286

00:17:30,200 --> 00:17:33,200

Now, my father didn't tell me where we were going.

287

00:17:33,200 --> 00:17:38,200

In fact, we were jumping 2,005 miles through this vortical tunnel in the fabric of time space

288

00:17:38,200 --> 00:17:42,200

to the state capital grounds in Santa Fe, New Mexico.

289

00:17:42,200 --> 00:17:44,200

It's an astonishing claim.

290

00:17:44,200 --> 00:17:50,200

Did two humans actually transport from New Jersey to New Mexico in the blink of an eye?

291

00:17:50,200 --> 00:17:54,200

What happened to Andrew and his father?

292

00:17:54,200 --> 00:17:57,200

Is his story just the wild fantasy of a six-year-old?

293

00:17:57,200 --> 00:18:00,200

Bashiako believes there is only one answer.

294

00:18:00,200 --> 00:18:02,200

I think I must have teleported.

295

00:18:02,200 --> 00:18:08,200

Imagine traveling through the Lincoln tunnel in New York City at 10,000 miles per hour without any automobile arrangement.

296

00:18:08,200 --> 00:18:10,200

That's sort of what it was like.

297

00:18:10,200 --> 00:18:15,200

We were physically moving through a vortal tunnel in the fabric of time space.

298

00:18:16,200 --> 00:18:21,200

Had Andrew's father, Frank, invented the world's first teleportation machine?

299

00:18:21,200 --> 00:18:23,200

And if so, why?

300

00:18:24,200 --> 00:18:27,200

Frank Bashiako was no ordinary dad.

301

00:18:27,200 --> 00:18:32,200

During the Cold War, the U.S. and Soviets raced for military superiority.

302

00:18:35,200 --> 00:18:42,200

Frank was head of a top-secret American research team who were conducting experiments into teleportation.

303

00:18:44,200 --> 00:18:48,200

But why did Frank use his son as a guinea pig?

304

00:18:49,200 --> 00:18:57,200

I think my dad's immediate goal in inviting me to teleport was to show that if teleportation was safe for his son, it was safe for anybody's child.

305

00:18:57,200 --> 00:19:06,200

And I was in it as a child, just as, for example, a child may have been aboard one of Columbus'

boats, or may have been an office boy to the Wright brothers, or an assistant to Thomas Alda Edison.

306

00:19:07,200 --> 00:19:14,200

After the success of his experiment, Frank Bashiako decides teleportation is too important to keep in mind.

307

00:19:14,200 --> 00:19:19,200

He wants to tell a world, but the U.S. military disagrees.

308

00:19:19,200 --> 00:19:26,200

And so the unfortunate history of U.S. teleportation is that it has remained essentially a military secret ever since.

309

00:19:26,200 --> 00:19:30,200

Today, I am leading the Truth Campaign.

310

00:19:30,200 --> 00:19:36,200

I am urging the United States government to declassify teleportation to allow people to teleport between major world cities.

311

00:19:36,200 --> 00:19:43,200

The way I see it, I think it's important to be able to tell the world that it's safe for the United States to teleport.

312

00:19:43,200 --> 00:19:47,200

The way I see it, I have a duty simply to stand in my truth and tell it.

313

00:19:47,200 --> 00:19:56,200

Did Frank Bashiako invent a machine that could instantly transport us across the world, or even to other dimensions?

314

00:19:56,200 --> 00:19:59,200

Is teleportation possible?

315

00:20:00,200 --> 00:20:07,200

I wouldn't like to be the first one to be teleported. I would worry to end up maybe like a Picasso painting.

316

00:20:08,200 --> 00:20:15,200

A boy enters a teleportation machine and is suddenly transported thousands of miles and seconds.

317

00:20:15,200 --> 00:20:18,200

Is human teleportation possible?

318

00:20:20,200 --> 00:20:27,200

Raymond Laughlin is a physicist. He thinks the idea we can teleport our bodies is simply fantasy.

319

00:20:27,200 --> 00:20:34,200

It seems that a lot of physics are more constrained than the imagination of human beings.

320

00:20:34,200 --> 00:20:39,200

The first idea that we have when we think about teleportation is the Star Trek idea.

321

00:20:39,200 --> 00:20:46,200

Being up Scotty, the idea of taking a person suddenly disintegrated in some form and reappearing up in a space station.

322

00:20:46,200 --> 00:20:50,200

Now, this is something that happens in science fiction.

323

00:20:50,200 --> 00:20:59,200

But incredibly, although Laughlin dismisses the idea that people can teleport, he does believe it can happen in other ways,

324

00:20:59,200 --> 00:21:03,200

because he was one of the first scientists to do it.

325

00:21:04,200 --> 00:21:09,200

We're not teleporting matter from one location to the other. We're really teleporting information.

326

00:21:09,200 --> 00:21:11,200

Wait a second.

327

00:21:11,200 --> 00:21:16,200

Teleporting information? How is that any different than sending an email?

328

00:21:16,200 --> 00:21:25,200

When we send an email, or even when we talk on our cell phone, the information goes from the sender to the intervening space to a receiver.

329

00:21:26,200 --> 00:21:33,200

Remarkably, Laughlin has been able to teleport information without it traveling through any device at all.

330

00:21:33,200 --> 00:21:43,200

What has been teleported is one quantum bit of information, or Q-bit, is sent from one location to the other.

331

00:21:43,200 --> 00:21:50,200

It has happened in nuclear magnetic resonance, where the information has gone from one atom of a molecule to another one.

332

00:21:50,200 --> 00:21:57,200

But it has also appeared in optics, where people have put information, or quantum information, in a particle of light called photons,

333

00:21:57,200 --> 00:22:02,200

send it to another location a few kilometers away, and then made it reappear over there.

334

00:22:02,200 --> 00:22:09,200

We've been able to teleport a few kilometers, taking one particle of information and make it reappear a few kilometers down the line.

335

00:22:09,200 --> 00:22:11,200

We've been able to do this.

336

00:22:11,200 --> 00:22:17,200

It works like this. In the world of quantum physics, even the tiniest particles are somehow connected,

337

00:22:17,200 --> 00:22:28,200

even across huge distances. In quantum teleportation, such entangled particles can literally be in two places at once.

338

00:22:28,200 --> 00:22:37,200

Absolutely amazing that we can teleport. In quantum teleportation, it seems to disappear here, and reappear there.

339

00:22:37,200 --> 00:22:42,200

It looks like a piece of magic, a piece which we're not used to.

340

00:22:42,200 --> 00:22:51,200

Once we have technology based on quantum entanglement, on quantum teleportation, maybe we'll think it's very familiar and banal,

341

00:22:51,200 --> 00:22:55,200

but today for us, it looks something very unusual.

342

00:22:56,200 --> 00:23:03,200

This technology could soon be used to instantly communicate with space ships, no matter how far away.

343

00:23:03,200 --> 00:23:08,200

Or send military communications that are impossible to intercept.

344

00:23:08,200 --> 00:23:14,200

We're just at the beginning of understanding what is quantum teleportation, how it works.

345

00:23:15,200 --> 00:23:24,200

We may be able to teleport information, but does Andrew Bashiaka's story mean we can do it to ourselves?

346

00:23:25,200 --> 00:23:27,200

Laughlam thinks not.

347

00:23:27,200 --> 00:23:34,200

He must have a secret that I do not have to be able to do this, but I wouldn't like to be the first one to be teleported.

348

00:23:34,200 --> 00:23:38,200

I would worry to end up maybe like a Picasso painting.

349

00:23:40,200 --> 00:23:46,200

If human teleportation isn't possible, what happened to Andrew Bashiaka?

350

00:23:46,200 --> 00:23:50,200

Was his incredible journey just a figment of childhood imagination?

351

00:23:51,200 --> 00:23:54,200

Bruce Goldberg is a hypnotic therapist.

352

00:23:54,200 --> 00:23:58,200

He thinks stories like Andrews are very real.

353

00:24:00,200 --> 00:24:03,200

We have ancient literature going back thousands of years to people who've teleported.

354

00:24:03,200 --> 00:24:06,200

There are a lot of religious cases, but there are also secular cases too.

355

00:24:06,200 --> 00:24:10,200

I think teleportation exists, but how?

356

00:24:11,200 --> 00:24:13,200

Goldberg believes he's discovered the secret.

357

00:24:14,200 --> 00:24:17,200

I first discovered teleportation while working with patients.

358

00:24:17,200 --> 00:24:20,200

People were described as disappearing from one location.

359

00:24:20,200 --> 00:24:24,200

One gentleman went from New York City to Paris.

360

00:24:24,200 --> 00:24:26,200

He disappeared.

361

00:24:26,200 --> 00:24:29,200

His wife was sitting in the same room and said, my husband disappeared.

362

00:24:29,200 --> 00:24:31,200

I don't know where he went, and I was right there.

363

00:24:32,200 --> 00:24:35,200

At first, Goldberg doubted his patients.

364

00:24:36,200 --> 00:24:38,200

I started doing research about the teleportation cases.

365

00:24:38,200 --> 00:24:40,200

These are psychologically stable people.

366

00:24:40,200 --> 00:24:43,200

I know them, I know the families, and they weren't on drugs.

367

00:24:44,200 --> 00:24:46,200

But as he continued his research,

368

00:24:46,200 --> 00:24:51,200

Goldberg's patients began to describe their teleportation experiences in remarkable detail.

369

00:24:52,200 --> 00:24:56,200

And they all had one thing in common.

370

00:24:56,200 --> 00:25:00,200

You see first just a little bit like tunnel vision,

371

00:25:00,200 --> 00:25:03,200

and then all of a sudden you appear whole.

372

00:25:03,200 --> 00:25:06,200

The people look exactly like we do.

373

00:25:07,200 --> 00:25:10,200

Some of the people that I meet are recognizable.

374

00:25:10,200 --> 00:25:12,200

I know who they are.

375

00:25:12,200 --> 00:25:17,200

Incredibly, the people they encountered were replicas of themselves.

376

00:25:18,200 --> 00:25:23,200

The hauntingly similar experiences led Goldberg to a stunning insight.

377

00:25:24,200 --> 00:25:29,200

When you teleport, you leave this universe and move into a parallel universe.

378

00:25:29,200 --> 00:25:34,200

Parallel universes are sister universes that exist alongside ours.

379

00:25:35,200 --> 00:25:39,200

Your DNA is exactly the same in your parallel life as it is here.

380

00:25:39,200 --> 00:25:44,200

Are Goldberg's patients somehow being sucked into parallel dimensions

381

00:25:44,200 --> 00:25:47,200

and then meeting their own doppelgangers?

382

00:25:48,200 --> 00:25:50,200

Now this is getting really crazy.

383

00:25:50,200 --> 00:25:52,200

Is there more than one Bill, is there more than one you?

384

00:25:52,200 --> 00:25:54,200

Sounds nice, right?

385

00:25:54,200 --> 00:26:00,200

Incredibly, physicists believe that these identical copies of ourselves might exist.

386

00:26:00,200 --> 00:26:03,200

Now I don't really understand how this is possible,

387

00:26:03,200 --> 00:26:08,200

but if the eggheads say the math works, who am I to argue?

388

00:26:09,200 --> 00:26:15,200

Do identical copies of each and every one of us exist in parallel worlds?

389

00:26:15,200 --> 00:26:19,200

Could we even enter those alternate realities?

390

00:26:19,200 --> 00:26:22,200

Bruce Goldberg believes the possibilities are staggering.

391

00:26:23,200 --> 00:26:26,200

Let's say you have certain aspects of your life right now that you cannot change.

392

00:26:26,200 --> 00:26:30,200

Maybe you have an incurable disease, maybe you have a criminal record,

393

00:26:30,200 --> 00:26:32,200

maybe you've lost an arm.

394

00:26:32,200 --> 00:26:35,200

Well, in a parallel universe, that didn't exist.

395

00:26:35,200 --> 00:26:39,200

So instead of committing suicide or just going through life being depressed,

396

00:26:39,200 --> 00:26:44,200

you can actually switch universes and in fact have a much better life.

397

00:26:48,200 --> 00:26:51,200

Do we all exist in other dimensions?

398

00:26:51,200 --> 00:26:56,200

Do we possess machines that can teleport us from one world to another?

399

00:26:57,200 --> 00:27:00,200

Could Scotty really beam us up after all?

400

00:27:02,200 --> 00:27:04,200

Weird or what?

401

00:27:05,200 --> 00:27:07,200

What?

402

00:27:17,200 --> 00:27:23,200

In Mexico, an explorer finds a strange skull made of pure crystal.

403

00:27:23,200 --> 00:27:26,200

Is it a gateway to another world?

404

00:27:26,200 --> 00:27:29,200

Crystal skulls are holographic.

405

00:27:30,200 --> 00:27:33,200

You know, I love exploring.

406

00:27:33,200 --> 00:27:40,200

Nothing better than getting out and seeing what you can find amongst the wilds of nature.

407

00:27:40,200 --> 00:27:43,200

Oh, oh, you hear that? You hear that?

408

00:27:43,200 --> 00:27:48,200

Sometimes you can find treasures beyond the imagination.

409

00:27:50,200 --> 00:27:54,200

But sometimes you find things you want to keep very secret.

410

00:27:55,200 --> 00:27:59,200

In 1924, British adventurer Frederick Mitchell Hedges

411

00:27:59,200 --> 00:28:05,200

went in search of Mayan treasures in the tiny country of Belize in Central America.

412

00:28:05,200 --> 00:28:12,200

What he discovered is regarded by some as the most important archaeological relic ever found.

413

00:28:12,200 --> 00:28:19,200

A perfectly formed human skull made from crystal.

414

00:28:19,200 --> 00:28:25,200

Carved with flawless precision, this 2,000-year-old artifact baffled scientists.

415

00:28:25,200 --> 00:28:31,200

Many believe the technology that created it couldn't have existed in ancient or even modern times.

416

00:28:31,200 --> 00:28:35,200

So what was it? And where did it come from?

417

00:28:40,200 --> 00:28:47,200

In 1994, amateur archaeologist Nick Rosarino found another perfect, life-size skull

418

00:28:48,200 --> 00:28:52,200

impeccably carved in clear crystal in Guerrero, Mexico.

419

00:28:57,200 --> 00:29:01,200

Kirby Seed is a crystal and mineral expert.

420

00:29:01,200 --> 00:29:05,200

In 1995, the Guerrero skull came into his care.

421

00:29:05,200 --> 00:29:12,200

As he began to study it, something weird happened.

422

00:29:12,200 --> 00:29:17,200

It began to turn pictures of past lives.

423

00:29:17,200 --> 00:29:21,200

It showed me images of possible futures that I could try to achieve for.

424

00:29:21,200 --> 00:29:26,200

Those pictures turned into visions. Those visions, I see people moving.

425

00:29:26,200 --> 00:29:29,200

I see objects moving. There's motion in those visions.

426

00:29:29,200 --> 00:29:32,200

And suddenly I feel like I've popped into that particular reality.

427

00:29:32,200 --> 00:29:35,200

I feel like I'm merging my energy with its energy.

428

00:29:35,200 --> 00:29:39,200

But Kirby believes this skull has many other powers.

429

00:29:39,200 --> 00:29:44,200

The greatest of all is the ability to open doors to another world.

430

00:29:44,200 --> 00:29:49,200

Crystal skulls are holographic. They contain all the points of time and space.

431

00:29:49,200 --> 00:29:54,200

We know in modern physics theory and string theory that there are at least 11 dimensions.

432

00:29:54,200 --> 00:29:58,200

Skulls are mortals to other dimensions in parallel worlds.

433

00:29:59,200 --> 00:30:05,200

Do crystal skulls possess strange powers that can take us to other dimensions?

434

00:30:05,200 --> 00:30:09,200

Or is there another answer to this mystery?

435

00:30:09,200 --> 00:30:13,200

Well, to my mind, there is not really a mystery surrounding them.

436

00:30:13,200 --> 00:30:19,200

A man believes an ancient crystal skull can communicate with parallel worlds.

437

00:30:19,200 --> 00:30:25,200

Do these strange, mysterious objects have powers beyond our comprehension?

438

00:30:25,200 --> 00:30:29,200

Well, to my mind, there is not really a mystery surrounding them.

439

00:30:29,200 --> 00:30:34,200

Jane Walsh is an anthropologist at the Smithsonian in Washington, D.C.

440

00:30:34,200 --> 00:30:39,200

He believes crystal skulls aren't quite as magical as they seem.

441

00:30:39,200 --> 00:30:45,200

I've essentially concluded that none of the skulls I have looked at

442

00:30:45,200 --> 00:30:49,200

have really anything to do with pre-Columbian Mexico.

443

00:30:49,200 --> 00:30:54,200

Mostly they were marketed to deceive.

444

00:30:57,200 --> 00:31:02,200

Jane has examined nine crystal skulls, including the one discovered by Mitchell Hedges.

445

00:31:03,200 --> 00:31:08,200

Due to the nature of the crystal, it's not possible to determine when the skulls were made.

446

00:31:08,200 --> 00:31:13,200

But Jane believes there's another way to unearth the skull's secrets.

447

00:31:13,200 --> 00:31:19,200

Using liquid silicone, she can find out how they were made.

448

00:31:19,200 --> 00:31:26,200

The silicone sort of flows in nicely to all of the crevices.

449

00:31:27,200 --> 00:31:32,200

Make sure it's going into all of the carved areas.

450

00:31:32,200 --> 00:31:40,200

Once the silicone is dry, Jane has a highly accurate mode of the markings on the skull's surface.

451

00:31:40,200 --> 00:31:46,200

Using an electron microscope, these can be magnified over 10 million times.

452

00:31:46,200 --> 00:31:49,200

As those electrons strike the surface of the sample, we're going to generate a signal

453

00:31:49,200 --> 00:31:52,200

that will get a topographical image of the surface of the sample.

454

00:31:52,200 --> 00:31:56,200

And we get great spatial resolution. We see very good detail.

455

00:31:56,200 --> 00:31:59,200

We can see a lot of things that we wouldn't be able to see otherwise.

456

00:31:59,200 --> 00:32:02,200

One thing in particular was remarkable.

457

00:32:02,200 --> 00:32:08,200

Evidence that the perfect crystal skulls weren't quite as perfect as they seemed.

458

00:32:08,200 --> 00:32:14,200

What you're seeing there is the edge of a rotary disc cutting tool.

459

00:32:14,200 --> 00:32:18,200

If you imagine some guy sitting here doing this, trying to drill this little hole,

460

00:32:18,200 --> 00:32:22,200

you're not going to have this little path that cuts.

461

00:32:22,200 --> 00:32:25,200

You can follow it all the way around.

462

00:32:25,200 --> 00:32:27,200

Jane's analysis is damning.

463

00:32:27,200 --> 00:32:35,200

She believes whoever made the skulls had access to modern power tools.

464

00:32:35,200 --> 00:32:40,200

We know the sorts of tools that were used by pre-Columbian lapidaries,

465

00:32:40,200 --> 00:32:46,200

which was essentially a stone age toolkit.

466

00:32:46,200 --> 00:32:53,200

They probably used copper with abrasive sand, perhaps in drilling and cutting,

467

00:32:53,200 --> 00:33:00,200

but essentially they used stone to carve stone.

468

00:33:00,200 --> 00:33:13,200

So looking at some of the skulls, it's very apparent that hard metal with permanently adhered diamond abrasives

469

00:33:13,200 --> 00:33:15,200

were used to cut them.

470

00:33:15,200 --> 00:33:20,200

So with the Mitchell-Hedges skull, we were able to find some of the initial carving

471

00:33:20,200 --> 00:33:26,200

that was done by very tiny, high-speed dentist-type drills.

472

00:33:26,200 --> 00:33:34,200

That's simply not a tool that any Mayan or Aztec would have had.

473

00:33:34,200 --> 00:33:42,200

So if the skulls are not ancient Mayan or Aztec, when were they carved?

474

00:33:42,200 --> 00:33:46,200

They probably are about as old as when they first appeared.

475

00:33:46,200 --> 00:33:48,200

It certainly drew of this skull.

476

00:33:48,200 --> 00:33:57,200

We know it was purchased in 1960 in Mexico and it was polished and carved with an abrasive

477

00:33:57,200 --> 00:34:00,200

that wasn't available until after World War II.

478

00:34:00,200 --> 00:34:06,200

So probably it was made in the 1950s.

479

00:34:06,200 --> 00:34:13,200

The British Museum skull was probably made not too long before it first appeared on the art market,

480

00:34:13,200 --> 00:34:16,200

which was the early 1880s.

481

00:34:16,200 --> 00:34:22,200

All of them were created by using quite modern tools.

482

00:34:22,200 --> 00:34:29,200

Is the legend of 13 all-powerful crystal skulls nothing more than fanciful bunkum?

483

00:34:29,200 --> 00:34:32,200

Or do they have powers beyond comprehension?

484

00:34:32,200 --> 00:34:35,200

Could curvy seed be right?

485

00:34:35,200 --> 00:34:40,200

Are they gateways to other dimensions?

486

00:34:40,200 --> 00:34:44,200

Joshua Shapiro is an explorer.

487

00:34:44,200 --> 00:34:48,200

He not only believes crystal skulls can connect us to other worlds,

488

00:34:48,200 --> 00:34:52,200

but they were given to us by beings who live in them.

489

00:34:52,200 --> 00:34:58,200

What I believe is the connection between the crystal skulls and, let's say, other intelligences

490

00:34:58,200 --> 00:35:04,200

which may come from parallel worlds or other dimensions.

491

00:35:04,200 --> 00:35:13,200

These beings, I believe, brought the crystal skulls in physical form to humanity a very long time ago.

492

00:35:13,200 --> 00:35:19,200

They brought them as tools to help us to grow and to understand who we really are,

493

00:35:19,200 --> 00:35:22,200

which I believe is divine souls.

494

00:35:22,200 --> 00:35:25,200

I believe all of us are divine beings.

495

00:35:25,200 --> 00:35:30,200

But when we incarnate as a human being, we forget the essence of who we are.

496

00:35:30,200 --> 00:35:34,200

So these parallel worlds are trying to help us to remember this

497

00:35:34,200 --> 00:35:38,200

and what they will do occasionally at different points in history.

498

00:35:38,200 --> 00:35:43,200

And again, this is my theory and I think there are other people involved in the crystal skulls who believe this,

499

00:35:43,200 --> 00:35:48,200

is that they bring tools that act as a catalyst to awaken us.

500

00:35:50,200 --> 00:35:55,200

Did crystal skulls arrive from parallel worlds in ancient times?

501

00:35:55,200 --> 00:36:02,200

And if so, how do these other dimensional beings use them as doorways to connect with humans?

502

00:36:02,200 --> 00:36:07,200

Shapiro thinks it all comes down to what they're made of.

503

00:36:07,200 --> 00:36:11,200

The crystal skulls act as portals or dimensional doors

504

00:36:11,200 --> 00:36:18,200

because quartz crystal has the ability to exist in many different dimensions simultaneously.

505

00:36:18,200 --> 00:36:21,200

It's the property of the material itself.

506

00:36:21,200 --> 00:36:26,200

It just lends itself to working with energy on different vibrational frequencies.

507

00:36:26,200 --> 00:36:29,200

So that's why it's a perfect conduit.

508

00:36:32,200 --> 00:36:35,200

Quartz crystal vibrating frequencies across multiple dimensions.

509

00:36:35,200 --> 00:36:37,200

Crazy talk, right?

510

00:36:40,200 --> 00:36:46,200

Well, in fact, crystals have been used in communication devices like radios for nearly a century.

511

00:36:46,200 --> 00:36:52,200

They can be tuned to vibrate at specific frequencies, which allows them to tune in broadcasts.

512

00:36:52,200 --> 00:36:58,200

So maybe a crystal skull could be an interdimensional telephone after all.

513

00:36:58,200 --> 00:37:03,200

Quartz crystal is one of the most important materials on the planet,

514

00:37:03,200 --> 00:37:09,200

but to put it into the shape of a human bone skull, those two combined make them very special.

515

00:37:09,200 --> 00:37:12,200

If I could define in one sentence what the crystal skulls are,

516

00:37:12,200 --> 00:37:16,200

they are a mirror and a catalyst to awaken humanity.

517

00:37:16,200 --> 00:37:23,200

If we as individuals would just be open to all the amazing phenomena that's going on in our world

518

00:37:23,200 --> 00:37:30,200

instead of trying to rationalize it, I think that our planet would be at peace much quicker

519

00:37:30,200 --> 00:37:32,200

and we would learn a lot more about ourselves,

520

00:37:32,200 --> 00:37:37,200

and we would have additional assistance coming that we could not even imagine.

521

00:37:38,200 --> 00:37:45,200

Do crystal skulls have the ability to create electrical signals that allow us to interact with other dimensions?

522

00:37:45,200 --> 00:37:49,200

Or are they simply harmless hunks of polished rock?

523

00:37:49,200 --> 00:37:56,200

Is there any scientific evidence that gateways to other worlds even exist at all?

524

00:37:58,200 --> 00:38:00,200

What an incredible story.

525

00:38:00,200 --> 00:38:05,200

Can this skull generate vibrations that allow us to speak to people in parallel worlds?

526

00:38:05,200 --> 00:38:12,200

Can you imagine what we could achieve if we could harness the power within this magnificent priceless object?

527

00:38:18,200 --> 00:38:20,200

Can we get another one?

528

00:38:23,200 --> 00:38:29,200

A mysterious crystal skull discovered in Mexico is believed to be a doorway to another dimension.

529

00:38:29,200 --> 00:38:31,200

Could this be possible?

530

00:38:32,200 --> 00:38:38,200

Dr. Paul Stevenson studies extreme physics at the University of Surrey.

531

00:38:38,200 --> 00:38:44,200

He thinks the idea of a portal to a distant world is quite plausible.

532

00:38:45,200 --> 00:38:51,200

One possible way we could at least theoretically think about opening a door to another world or a portal to somewhere else

533

00:38:51,200 --> 00:38:53,200

comes from black holes.

534

00:38:53,200 --> 00:38:59,200

Astronomers once believed that everything in a black hole was crushed into a single point of infinite mass

535

00:38:59,200 --> 00:39:01,200

called a singularity.

536

00:39:03,200 --> 00:39:07,200

But recently, some have proposed another idea.

537

00:39:07,200 --> 00:39:11,200

It's conceivable that you'd make some kind of portal from one part of the universe to another

538

00:39:11,200 --> 00:39:14,200

that you could actually travel through, and that would be called a wormhole.

539

00:39:14,200 --> 00:39:18,200

According to Einstein's theory of relativity, heavy objects all tend to warp space.

540

00:39:18,200 --> 00:39:21,200

And you can kind of think of that as if space was some kind of stretched rubber sheet

541

00:39:21,200 --> 00:39:24,200

and you put a very heavy thing on it, it's going to make a depression in the sheet.

542

00:39:24,200 --> 00:39:27,200

And that's something like how sun would make a depression in this rubber sheet

543

00:39:27,200 --> 00:39:31,200

and you imagine sort of rolling a ball along, it will sort of have to bend around the sun

544

00:39:31,200 --> 00:39:33,200

because of the way the sheet's been depressed.

545

00:39:33,200 --> 00:39:36,200

And that's kind of what happens when a comet sort of slingshots around the sun.

546

00:39:36,200 --> 00:39:42,200

Now in the case of a black hole, I have a kind of model here to show the sort of depression you might get in space

547

00:39:42,200 --> 00:39:47,200

with something like a black hole or a star would be in this depression here.

548

00:39:47,200 --> 00:39:52,200

The special thing about a black hole is that this depression goes on and on forever.

549

00:39:52,200 --> 00:39:55,200

And if something gets caught in it, it'll just go down and be lost.

550

00:39:56,200 --> 00:40:02,200

Now what happens with a wormhole is you would end up having two black holes connected together, something like that.

551

00:40:02,200 --> 00:40:06,200

So you can sort of imagine that if you fell in one end of the black hole, you could come out the other end.

552

00:40:06,200 --> 00:40:09,200

And so theoretically this thing could exist.

553

00:40:09,200 --> 00:40:14,200

We haven't ever seen one, but there's no reason based on our understanding of physics why something like this couldn't happen.

554

00:40:15,200 --> 00:40:24,200

And if we can create a sort of tunnel to other parts of our universe, what does that mean for parallel dimensions?

555

00:40:24,200 --> 00:40:30,200

Now it may not be a big leap to suggest that we could create a wormhole that connects us to different dimensions or a different universe.

556

00:40:30,200 --> 00:40:35,200

According to Paul, in theory it's possible to create a pathway to other worlds.

557

00:40:35,200 --> 00:40:41,200

It's nothing anyone's ever seen before. So how does he know it could happen?

558

00:40:41,200 --> 00:40:45,200

But they're actually based on solid physics and solid science.

559

00:40:45,200 --> 00:40:51,200

And we've certainly come across lots of things in the past that at first sight seem to be utterly ridiculous and completely fantastical

560

00:40:51,200 --> 00:40:56,200

and have turned out to be true. I don't know whether that's going to turn out to be the case for wormholes, whether we'll ever see one.

561

00:40:56,200 --> 00:40:58,200

But it's certainly not beyond the bounds of reason.

562

00:41:00,200 --> 00:41:04,200

Could we open cosmic gateways into parallel worlds?

563

00:41:07,200 --> 00:41:10,200

And communicate with them with crystal skulls?

564

00:41:11,200 --> 00:41:15,200

Or can we simply teleport our bodies there whenever we wish?

565

00:41:16,200 --> 00:41:20,200

Are shadow people from other dimensions already amongst us?

566

00:41:21,200 --> 00:41:22,200

Weird.

567

00:41:23,200 --> 00:41:24,200

What?

568

00:41:25,200 --> 00:41:26,080

The

569

00:41:47,200 --> 00:41:48,200

So there we have it.

570

00:41:49,200 --> 00:41:51,200

Stories of parallel worlds from all over the planet.

571

00:41:52,200 --> 00:41:57,200

In New York, a woman has a terrifying encounter with a human-shaped shadow.

572

00:41:58,200 --> 00:42:00,200

Did it come from another dimension?

573

00:42:05,200 --> 00:42:10,200

In New Jersey, a weird machine transports a boy and his father hundreds of miles in a split second.

574

00:42:12,200 --> 00:42:14,200

Did they teleport to a different world?

575

00:42:15,200 --> 00:42:20,200

And in Mexico, a team makes an amazing discovery.

576

00:42:21,200 --> 00:42:23,200

A skull made of crystal.

577

00:42:25,200 --> 00:42:28,200

Is it a doorway to a parallel universe?

578

00:42:30,200 --> 00:42:36,200

Join me again next time for more stories that will undoubtedly be weird or what.

