

CELEBRATING  
AN HONEST (A) (A)  
(-12) (10000)



AN EVENING WITH  
**JAMES RANDI**

A THINK INC. EVENT

HOSTED BY RICHARD SALINDERS

ADELAIDE DEC 01

THE SCIENCE EXCHANGE

PERTH DEC 03

OCTAGON THEATRE

**The Skeptic Zone**

**Show 315 - 2 Nov 2014**

1  
00:00:10,700 --> 00:00:01,939  
this is James Randi and you're listening

2  
00:00:13,580 --> 00:00:10,710  
to the skeptic zone welcome to the

3  
00:00:26,359 --> 00:00:13,590  
skeptic zone the podcast from Australia

4  
00:00:32,880 --> 00:00:29,130  
hello and welcome to the skeptic zone

5  
00:00:36,329 --> 00:00:32,890  
episode number 315 for the second of

6  
00:00:39,119 --> 00:00:36,339  
November 2014 Richard Saunders here with

7  
00:00:42,920 --> 00:00:39,129  
you from Sydney Australia coming up on

8  
00:00:46,920 --> 00:00:42,930  
this week's show an interview a chat and

9  
00:00:50,310 --> 00:00:46,930  
dialogue um an interchange of ideas I

10  
00:00:54,360 --> 00:00:50,320  
think you get the idea with James the

11  
00:00:56,820 --> 00:00:54,370  
amazing Randi who i Skyped just the

12  
00:00:59,429 --> 00:00:56,830  
other day now as you know James Randi is

13  
00:01:01,649 --> 00:00:59,439

touring Australia more information about

14

00:01:04,140 --> 00:01:01,659

the tour during the course of the

15

00:01:05,969 --> 00:01:04,150

interview and some very exciting news i

16

00:01:08,039 --> 00:01:05,979

must admit this and very exciting news

17

00:01:10,130 --> 00:01:08,049

about the interview from my point of

18

00:01:13,440 --> 00:01:10,140

view coming up to kick off the show

19

00:01:14,789 --> 00:01:13,450

james the amazing Randi following that

20

00:01:16,440 --> 00:01:14,799

it's a week in science from our good

21

00:01:20,480 --> 00:01:16,450

friends at the Royal Institution of

22

00:01:23,010 --> 00:01:20,490

Australia www RI aus done all got a you

23

00:01:26,490 --> 00:01:23,020

in fact James Randy's going to be

24

00:01:28,740 --> 00:01:26,500

speaking there on the first to December

25

00:01:30,750 --> 00:01:28,750

in Adelaide and kicking off the night

26

00:01:33,540 --> 00:01:30,760

will be none other than dr. Paul Willis

27

00:01:36,060 --> 00:01:33,550

the director of the Royal Institution I

28

00:01:37,649 --> 00:01:36,070

in Adelaide can't wait to see you Paul

29

00:01:40,440 --> 00:01:37,659

it's going to be a great night with

30

00:01:42,840 --> 00:01:40,450

James Randi in Adelaide and after that

31

00:01:46,700 --> 00:01:42,850

it's a chat i had with een wolf from

32

00:01:50,910 --> 00:01:46,710

diffusion science radio the website is

33

00:01:53,880 --> 00:01:50,920

WWF eugene radio com now lan now

34

00:01:57,210 --> 00:01:53,890

interviewed me for his show on diffusion

35

00:01:58,560 --> 00:01:57,220

radio about water divining and after the

36

00:02:00,960 --> 00:01:58,570

interview was over I turned the

37

00:02:04,710 --> 00:02:00,970

microphones around and I interview him

38

00:02:07,500 --> 00:02:04,720

if you want to hear my interview on his

39

00:02:10,380 --> 00:02:07,510

show diffusion radio comm is where you

40

00:02:14,850 --> 00:02:10,390

go if you want to hear my interview of

41

00:02:17,039 --> 00:02:14,860

him on my show stay right here I think

42

00:02:19,860 --> 00:02:17,049

you with me then to round off the show

43

00:02:22,080 --> 00:02:19,870

it's evidence please with Joe alabaster

44

00:02:24,809 --> 00:02:22,090

and Joe will give you her impressions

45

00:02:29,089 --> 00:02:24,819

her thoughts her feelings her

46

00:02:35,759 --> 00:02:32,729

mind-body-spirit expo festival oryx we'd

47

00:02:37,170 --> 00:02:35,769

love to call it mind body wallet now

48

00:02:41,330 --> 00:02:37,180

before we get stuck into the

49

00:02:45,209 --> 00:02:41,340

show I must I must say a big thank you

50

00:02:47,069 --> 00:02:45,219

how do I say that thank you a big thank

51  
00:02:49,229 --> 00:02:47,079  
you to the listeners who subscribe to

52  
00:02:51,599 --> 00:02:49,239  
the skeptic zone through your generosity

53  
00:02:54,360 --> 00:02:51,609  
I was able to buy a new microphone which

54  
00:02:56,759 --> 00:02:54,370  
i'm using right now it's the zoom what

55  
00:03:00,209 --> 00:02:56,769  
is it look around oh there it is I it's

56  
00:03:03,030 --> 00:03:00,219  
the zoom h2n now I've been using the

57  
00:03:04,740 --> 00:03:03,040  
zoom h2 its predecessor for many years

58  
00:03:09,539 --> 00:03:04,750  
on the skeptic zone I still have it it's

59  
00:03:13,379 --> 00:03:09,549  
a great microphone the zoom h2n gives me

60  
00:03:15,960 --> 00:03:13,389  
more options including being able to

61  
00:03:17,699 --> 00:03:15,970  
record off my computer or off my ipad

62  
00:03:19,440 --> 00:03:17,709  
into one channel and my voice on to

63  
00:03:22,020 --> 00:03:19,450

another channel and it mixes it all very

64

00:03:25,559 --> 00:03:22,030

well this is not an adverse oom by the

65

00:03:27,240 --> 00:03:25,569

way but it's just a thank you I thank

66

00:03:33,059 --> 00:03:27,250

you to the listeners who subscribe to

67

00:03:34,800 --> 00:03:33,069

the skeptic zone at [www.skory.net](http://www.skory.net) IM

68

00:03:37,649 --> 00:03:34,810

able to buy these things i'm able to get

69

00:03:39,890 --> 00:03:37,659

my reporters around the place and all

70

00:03:43,369 --> 00:03:39,900

sorts of things thank you your

71

00:03:46,740 --> 00:03:43,379

contribution sir make a big difference

72

00:03:48,270 --> 00:03:46,750

also keep an ear out can you keep an ear

73

00:03:51,479 --> 00:03:48,280

out I suppose you can keep an ear out

74

00:03:53,899 --> 00:03:51,489

during the show and you'll hear Maynard

75

00:03:57,780 --> 00:03:53,909

our reporter may not talk about his

76

00:03:59,580 --> 00:03:57,790

website Manor dot-com got a you if

77

00:04:02,309 --> 00:03:59,590

you're a fan of made out on the skeptic

78

00:04:05,460 --> 00:04:02,319

zone why not subscribe to his podcast

79

00:04:07,259 --> 00:04:05,470

Maynard's malays visit my dad calm day

80

00:04:09,629 --> 00:04:07,269

you all sorts of interesting things

81

00:04:12,149 --> 00:04:09,639

there including bunga bunga the show he

82

00:04:14,670 --> 00:04:12,159

doesn't in Ferguson I'm a guest on that

83

00:04:17,819 --> 00:04:14,680

show from time to time and main ads own

84

00:04:20,699 --> 00:04:17,829

podcast well that's all from me at the

85

00:04:24,450 --> 00:04:20,709

moment I know you're keen to hear from

86

00:04:28,140 --> 00:04:24,460

the man himself from james randi so it's

87

00:04:31,320 --> 00:04:28,150

time for me to run downstairs all I have

88

00:04:33,029 --> 00:04:31,330

this week mmm I see Joanna bass is

89

00:04:36,480 --> 00:04:33,039

talking about mind body wallet this

90

00:04:41,249 --> 00:04:36,490

week's with new age healing crystals

91

00:04:43,339 --> 00:04:41,259

spiritual vibrations vibrations why am I

92

00:04:46,050 --> 00:04:43,349

thinking of that word I'm getting a

93

00:04:48,870 --> 00:04:46,060

vibration it's telling me to run

94

00:04:49,340 --> 00:04:48,880

downstairs and have some tacos yeah why

95

00:04:52,460 --> 00:04:49,350

not

96

00:05:18,730 --> 00:04:52,470

a bit of hot sauce well I do that I hope

97

00:05:25,189 --> 00:05:23,029

and joining me now all the way from Fort

98

00:05:27,260 --> 00:05:25,199

Lauderdale in Florida I'd love to visit

99

00:05:29,570 --> 00:05:27,270

Fort Lauderdale one day when I do I'm

100

00:05:32,540 --> 00:05:29,580

sure I can drop in and have a cup of tea

101  
00:05:34,850 --> 00:05:32,550  
with James the amazing Randi hello Randy

102  
00:05:37,129 --> 00:05:34,860  
overall Richard ready to see you and

103  
00:05:38,779 --> 00:05:37,139  
you're a bit fuzzy but then you are

104  
00:05:40,399 --> 00:05:38,789  
always a little fuzzy I am always a

105  
00:05:42,379 --> 00:05:40,409  
little fuzzy just but for the benefit of

106  
00:05:43,909 --> 00:05:42,389  
our listeners were actually video each

107  
00:05:46,790 --> 00:05:43,919  
other at the moment you're looking hale

108  
00:05:49,969 --> 00:05:46,800  
and hearty and you've recently had some

109  
00:05:52,549 --> 00:05:49,979  
I surgery I understand yes I had

110  
00:05:55,279 --> 00:05:52,559  
cataracts room for both eyes at

111  
00:05:57,559 --> 00:05:55,289  
different parts of the of the two month

112  
00:06:00,739 --> 00:05:57,569  
period budget it's very successful I

113  
00:06:02,809 --> 00:06:00,749

must say I'm seeing things oddly now I'm

114

00:06:05,239 --> 00:06:02,819

seeing what image here when I was here

115

00:06:08,329 --> 00:06:05,249

shortly children but i will have the

116

00:06:11,839 --> 00:06:08,339

glasses prescribed for me to remedy that

117

00:06:13,100 --> 00:06:11,849

and it's really remarkable what they

118

00:06:17,709 --> 00:06:13,110

could do they actually tore out my

119

00:06:21,139 --> 00:06:17,719

lenses in my eyes and everything looks

120

00:06:24,170 --> 00:06:21,149

much prettier now the sky is a key blue

121

00:06:26,570 --> 00:06:24,180

and glance i see are green mostly wow

122

00:06:29,329 --> 00:06:26,580

it's astonishing i finally got it fixed

123

00:06:31,489 --> 00:06:29,339

i should have died a couple of years ago

124

00:06:34,339 --> 00:06:31,499

but didn't get around it but now it's

125

00:06:37,670 --> 00:06:34,349

done and hey here we are here we are and

126  
00:06:40,489 --> 00:06:37,680  
what a wonderful walking advertisement

127  
00:06:42,799 --> 00:06:40,499  
you are for modern scientific medicine i

128  
00:06:45,889 --> 00:06:42,809  
must say because there you are still

129  
00:06:49,699 --> 00:06:45,899  
going well we had colon cancer and i was

130  
00:06:51,589 --> 00:06:49,709  
operated on laparoscopically and did i

131  
00:06:55,639 --> 00:06:51,599  
tell you about that no please do please

132  
00:06:59,059 --> 00:06:55,649  
do well they made an awful [h\_\_\h] I said

133  
00:07:02,029 --> 00:06:59,069  
that what they did laparoscopically is

134  
00:07:05,379 --> 00:07:02,039  
with bit of an invasion of the human

135  
00:07:08,540 --> 00:07:05,389  
body you see and what they did was they

136  
00:07:10,459 --> 00:07:08,550  
punch one hole in my tummy and then

137  
00:07:11,929 --> 00:07:10,469  
about four inches away they punched

138  
00:07:15,170 --> 00:07:11,939

another will they put a camera in

139

00:07:16,480 --> 00:07:15,180

through one it was a big regular video

140

00:07:19,240 --> 00:07:16,490

camera that we all knew

141

00:07:21,100 --> 00:07:19,250

but it was a tiny little thing and they

142

00:07:24,909 --> 00:07:21,110

then they put the tools in the other

143

00:07:27,879 --> 00:07:24,919

side and they doctor operated on me by

144

00:07:30,520 --> 00:07:27,889

using the camera to find the spot on my

145

00:07:33,580 --> 00:07:30,530

colon that had to be excised to heaven

146

00:07:35,439 --> 00:07:33,590

they said looped it out and sniff that I

147

00:07:38,050 --> 00:07:35,449

was unconscious for all this i was in

148

00:07:39,790 --> 00:07:38,060

lala bound of course and they snipped it

149

00:07:42,339 --> 00:07:39,800

out of they stitch it up and they tucked

150

00:07:44,650 --> 00:07:42,349

it back in again and richard the

151

00:07:48,550 --> 00:07:44,660

operation didn't take more than 20

152

00:07:51,580 --> 00:07:48,560

minutes or so I'm told and they put a

153

00:07:54,760 --> 00:07:51,590

bandaid on me by that is too bad days

154

00:07:59,409 --> 00:07:54,770

but two band-aids on my abdomen and sent

155

00:08:01,450 --> 00:07:59,419

me home right away da bad the part that

156

00:08:04,870 --> 00:08:01,460

hurt most of the operation was removing

157

00:08:09,760 --> 00:08:04,880

the rabbit talk about an extreme close

158

00:08:11,200 --> 00:08:09,770

up the oh yes and hateful yes okay it's

159

00:08:13,450 --> 00:08:11,210

wonderful what they can do now these

160

00:08:15,520 --> 00:08:13,460

leftist copy operations in fact all of

161

00:08:17,499 --> 00:08:15,530

the sort of thing they're doing they

162

00:08:19,749 --> 00:08:17,509

open up my eyes and they tore the lenses

163

00:08:22,270 --> 00:08:19,759

oh and they put plastic lenses instead

164

00:08:25,420 --> 00:08:22,280

da you know they're never going to go

165

00:08:28,749 --> 00:08:25,430

bad I hold I hope they have a lifetime

166

00:08:32,469 --> 00:08:28,759

guarantee yeah well at 86 they're pretty

167

00:08:34,690 --> 00:08:32,479

safe on that but no it is remarkable

168

00:08:37,300 --> 00:08:34,700

what medical science is doing it can do

169

00:08:39,370 --> 00:08:37,310

now it just is remarkable it's one of

170

00:08:41,350 --> 00:08:39,380

the things of course you use stress I

171

00:08:42,699 --> 00:08:41,360

know in your public talks and we'll get

172

00:08:46,000 --> 00:08:42,709

to some public talks you're doing in

173

00:08:48,760 --> 00:08:46,010

Australia in a moment is that with all

174

00:08:50,319 --> 00:08:48,770

your years of investigating well the

175

00:08:51,910 --> 00:08:50,329

paranormal certainly claims of

176

00:08:53,980 --> 00:08:51,920

alternative medicine come into this and

177

00:08:56,319 --> 00:08:53,990

a lot of those are sort of intertwined

178

00:08:59,139 --> 00:08:56,329

with paranormal claims on the side oh

179

00:09:01,990 --> 00:08:59,149

yeah oh yeah but I guess the point that

180

00:09:04,630 --> 00:09:02,000

you stress is it's the hard-nosed

181

00:09:06,670 --> 00:09:04,640

scientists it's the people who spend

182

00:09:09,610 --> 00:09:06,680

years in the lab perfecting things that

183

00:09:12,010 --> 00:09:09,620

bring us the breakthroughs oh yeah oh

184

00:09:14,620 --> 00:09:12,020

yeah and the things that work work very

185

00:09:17,500 --> 00:09:14,630

well to know medical science isn't

186

00:09:19,720 --> 00:09:17,510

perfect no aspect of science is perfect

187

00:09:21,250 --> 00:09:19,730

but it's so close that sometimes you

188

00:09:24,069 --> 00:09:21,260

can't tell the difference and not only

189

00:09:25,269 --> 00:09:24,079

that and my all my life to medical

190

00:09:27,519 --> 00:09:25,279

science there's no question of it

191

00:09:29,800 --> 00:09:27,529

because doctors who have operated on me

192

00:09:31,930 --> 00:09:29,810

on the aneurysms in my legs

193

00:09:33,760 --> 00:09:31,940

well they told me that you know seven or

194

00:09:36,400 --> 00:09:33,770

eight years ago that operation just was

195

00:09:38,890 --> 00:09:36,410

not available with this accuracy at all

196

00:09:41,800 --> 00:09:38,900

and assigns buried an executive right

197

00:09:44,590 --> 00:09:41,810

time I time things correctly yeah I

198

00:09:46,960 --> 00:09:44,600

birth time the whole thing you know you

199

00:09:49,210 --> 00:09:46,970

have you have it MIT's well and it's

200

00:09:52,360 --> 00:09:49,220

amazing if we can borrow that word Randy

201

00:09:55,450 --> 00:09:52,370

it's amazing so I'm didn't work is it I

202

00:09:57,370 --> 00:09:55,460

will use it the exciting news of course

203

00:09:59,620 --> 00:09:57,380

for our Australian listeners the the

204

00:10:03,100 --> 00:09:59,630

immensely exciting users you'll be with

205

00:10:05,700 --> 00:10:03,110

us you are embarking on quite the tour

206

00:10:09,370 --> 00:10:05,710

you're going to be in Adelaide Perth

207

00:10:12,640 --> 00:10:09,380

Brisbane Melbourne and Sydney all in

208

00:10:15,430 --> 00:10:12,650

early December it's a remarkable thing

209

00:10:18,670 --> 00:10:15,440

to do at any stage Randy but at 86

210

00:10:20,680 --> 00:10:18,680

that's quite an undertaking well they've

211

00:10:23,860 --> 00:10:20,690

given me a day in between just to rest

212

00:10:27,760 --> 00:10:23,870

ugly oh that's all right if I fall down

213

00:10:30,190 --> 00:10:27,770

they give me a day off I'm glad to hear

214

00:10:32,230 --> 00:10:30,200

it and the the exciting news on a

215

00:10:34,390 --> 00:10:32,240

personal level for me apart from the

216

00:10:36,790 --> 00:10:34,400

fact that we can catch up again which we

217

00:10:38,950 --> 00:10:36,800

do all too rarely being on different

218

00:10:41,500 --> 00:10:38,960

sides of the globe is that I've been

219

00:10:44,310 --> 00:10:41,510

engaged to join you on your tour and in

220

00:10:46,690 --> 00:10:44,320

fact i'll be hosting this shows in

221

00:10:48,400 --> 00:10:46,700

adelaide and perth and I'll be

222

00:10:51,340 --> 00:10:48,410

introducing the shows in Brisbane

223

00:10:53,590 --> 00:10:51,350

Melbourne and Sydney Randy we're going

224

00:10:56,350 --> 00:10:53,600

to have a fine old time I think oh yeah

225

00:10:59,350 --> 00:10:56,360

we will indeed and my good friend Maggie

226

00:11:01,360 --> 00:10:59,360

is coming along with us she is going to

227

00:11:03,040 --> 00:11:01,370

sort of hold my hand at the plane or

228

00:11:05,740 --> 00:11:03,050

something like that I don't know exactly

229

00:11:07,240 --> 00:11:05,750

what her function isn't it but she's

230

00:11:09,790 --> 00:11:07,250

going to sort of look after me make sure

231

00:11:12,070 --> 00:11:09,800

I don't fall down too badly excellent

232

00:11:13,990 --> 00:11:12,080

well there'll be a couple of us then

233

00:11:16,360 --> 00:11:14,000

keeping an eye on you making sure you

234

00:11:19,930 --> 00:11:16,370

don't party out too late and Bend too

235

00:11:23,130 --> 00:11:19,940

many spoons along the way the swim do

236

00:11:26,320 --> 00:11:23,140

anything you develop a huge reception

237

00:11:28,570 --> 00:11:26,330

there's bending spoons we can we'll

238

00:11:30,430 --> 00:11:28,580

we'll save the best for the live shows I

239

00:11:32,710 --> 00:11:30,440

think Randy will certainly be discussing

240

00:11:35,500 --> 00:11:32,720

all sorts of things but I think the key

241

00:11:37,390 --> 00:11:35,510

part of the the event well there are two

242

00:11:39,820 --> 00:11:37,400

parts to it I must say it's the the

243

00:11:41,530 --> 00:11:39,830

chance for the audience to hear from you

244

00:11:42,820 --> 00:11:41,540

personally because there will be a part

245

00:11:43,060 --> 00:11:42,830

of the show which is what they're going

246

00:11:45,730 --> 00:11:43,070

to

247

00:11:48,190 --> 00:11:45,740

the fireside chat we're at some stages

248

00:11:50,470 --> 00:11:48,200

you and I will be discussing your life

249

00:11:53,050 --> 00:11:50,480

and adventures but but but the flip side

250

00:11:55,540 --> 00:11:53,060

is and the other attraction is the

251  
00:11:58,780 --> 00:11:55,550  
showing of the documentary and honest

252  
00:12:00,520 --> 00:11:58,790  
liar this will be a first for Australia

253  
00:12:02,980 --> 00:12:00,530  
we show that pretty well all over the

254  
00:12:04,870 --> 00:12:02,990  
United States and Canada in Canada it's

255  
00:12:07,330 --> 00:12:04,880  
already been released as a documentary

256  
00:12:11,650 --> 00:12:07,340  
film for the documentary film stations

257  
00:12:14,440 --> 00:12:11,660  
and and theatres of course and it says

258  
00:12:17,530 --> 00:12:14,450  
shown in England and some parts of

259  
00:12:20,830 --> 00:12:17,540  
Europe as well to great acclaim and I

260  
00:12:22,930 --> 00:12:20,840  
say that free me because the reviews and

261  
00:12:25,630 --> 00:12:22,940  
the the prizes we've been getting all

262  
00:12:29,740 --> 00:12:25,640  
kinds of awards of leading film of the

263  
00:12:31,780 --> 00:12:29,750

something or other you don't so it's hey

264

00:12:35,050 --> 00:12:31,790

I'm going to collect some in Australia

265

00:12:37,150 --> 00:12:35,060

or I'll feel very badly so they try to

266

00:12:38,770 --> 00:12:37,160

help me out with you I'll do I'll do the

267

00:12:41,560 --> 00:12:38,780

best I can Randy I'll do the best I can

268

00:12:44,380 --> 00:12:41,570

it is a tremendous documentary I've seen

269

00:12:45,640 --> 00:12:44,390

it a couple of times myself and I'm not

270

00:12:47,140 --> 00:12:45,650

just saying it's a tremendous

271

00:12:48,640 --> 00:12:47,150

documentary because you're my friend and

272

00:12:51,640 --> 00:12:48,650

you're touring and all the rest of it it

273

00:12:54,390 --> 00:12:51,650

really is a wonderful piece of work and

274

00:12:57,250 --> 00:12:54,400

wow does Australia feature in your

275

00:12:59,200 --> 00:12:57,260

documentary Randy you have such an

276

00:13:00,460 --> 00:12:59,210

affinity for Australians and all the

277

00:13:02,830 --> 00:13:00,470

things you've done out here it's quite

278

00:13:05,080 --> 00:13:02,840

remarkable yes I I'm very fond of

279

00:13:08,230 --> 00:13:05,090

Australia as i'm sure you Australia but

280

00:13:09,910 --> 00:13:08,240

I as you know I'm sure richer than that

281

00:13:12,460 --> 00:13:09,920

it's always good to have you come over

282

00:13:15,430 --> 00:13:12,470

and visit us sometimes for our amazing

283

00:13:19,360 --> 00:13:15,440

meetings and sometimes just chat for a

284

00:13:21,970 --> 00:13:19,370

while but I obviously I have a certain

285

00:13:24,490 --> 00:13:21,980

affection for your whole continent there

286

00:13:26,770 --> 00:13:24,500

I've always got along very very well my

287

00:13:29,560 --> 00:13:26,780

good friend Dick Smith and full of atoms

288

00:13:31,090 --> 00:13:29,570

for example and others I should have

289

00:13:33,940 --> 00:13:31,100

mentioned those two because now after

290

00:13:36,490 --> 00:13:33,950

mentioned everyone but forgive me if I

291

00:13:40,120 --> 00:13:36,500

don't but I have so many friends there

292

00:13:42,010 --> 00:13:40,130

in Australia and I'm very happy to to

293

00:13:44,320 --> 00:13:42,020

know that they're waiting and I hope

294

00:13:47,020 --> 00:13:44,330

with a certain amount of enthusiasm for

295

00:13:49,150 --> 00:13:47,030

my appearance oh you can bet your bottom

296

00:13:51,520 --> 00:13:49,160

dollar on that Randy it's going to be

297

00:13:53,470 --> 00:13:51,530

quite an adventure as I said before and

298

00:13:54,910 --> 00:13:53,480

you have such a love for Australia and

299

00:13:56,170 --> 00:13:54,920

well you're going to be seeing just

300

00:13:58,960 --> 00:13:56,180

about all of it on this

301  
00:14:02,590 --> 00:13:58,970  
upcoming tour it's quite it is quite

302  
00:14:05,590 --> 00:14:02,600  
remarkable the lengths that the tour

303  
00:14:08,290 --> 00:14:05,600  
will cover the breadth of the country so

304  
00:14:10,900 --> 00:14:08,300  
to speak what do you think people coming

305  
00:14:13,030 --> 00:14:10,910  
along too to view the documentary on the

306  
00:14:14,829 --> 00:14:13,040  
big screen have the chance to ask your

307  
00:14:17,470 --> 00:14:14,839  
questions and there's even a chance to

308  
00:14:19,510 --> 00:14:17,480  
chat with you and on a one and one in

309  
00:14:22,060 --> 00:14:19,520  
some situations what do you think people

310  
00:14:23,800 --> 00:14:22,070  
are going to learn from this evening

311  
00:14:26,590 --> 00:14:23,810  
Randy watching the documentary having a

312  
00:14:30,490 --> 00:14:26,600  
chance to chat with you I think there

313  
00:14:33,639 --> 00:14:30,500

were no rigid that's even so many

314

00:14:36,220 --> 00:14:33,649

celebrities like myself we have some

315

00:14:39,510 --> 00:14:36,230

things to hide and some secrets are

316

00:14:42,699 --> 00:14:39,520

revealed as you know on that film that

317

00:14:45,850 --> 00:14:42,709

don't embarrass me one bit not at all

318

00:14:49,570 --> 00:14:45,860

but they sort of fade they give the

319

00:14:51,430 --> 00:14:49,580

viewer something to think about and it

320

00:14:54,060 --> 00:14:51,440

looks a little awkward at one point

321

00:14:57,100 --> 00:14:54,070

there but we finish up very nicely and I

322

00:15:01,030 --> 00:14:57,110

I've only regret that dating my partner

323

00:15:03,880 --> 00:15:01,040

Kathy with me he's not only occupied but

324

00:15:05,620 --> 00:15:03,890

very very occupied with his artwork and

325

00:15:09,100 --> 00:15:05,630

such so he he can't make it

326

00:15:11,290 --> 00:15:09,110

unfortunately but he certainly will be

327

00:15:13,620 --> 00:15:11,300

sending his with his best wishes Allah

328

00:15:17,550 --> 00:15:13,630

and perhaps even joining us by Skype

329

00:15:19,780 --> 00:15:17,560

because this skype thing is just more oh

330

00:15:22,210 --> 00:15:19,790

that would be that would be fantastic

331

00:15:25,480 --> 00:15:22,220

and please pass along my oh my best to

332

00:15:27,820 --> 00:15:25,490

him I we only catch up I only see him

333

00:15:29,829 --> 00:15:27,830

and you really realistically maybe once

334

00:15:32,230 --> 00:15:29,839

a year again it's just the tyranny of

335

00:15:34,840 --> 00:15:32,240

distance I guess yeah well we don't

336

00:15:39,280 --> 00:15:34,850

start the amazing meeting you see until

337

00:15:42,819 --> 00:15:39,290

you show up it it's a general rule i

338

00:15:45,819 --> 00:15:42,829

know we've it's over down then but we we

339

00:15:47,470 --> 00:15:45,829

we make contact often the house i do

340

00:15:49,660 --> 00:15:47,480

appreciate that Randy I always have a

341

00:15:52,449 --> 00:15:49,670

wonderful time at the amazing meeting as

342

00:15:54,430 --> 00:15:52,459

you know which is we see glimpses of the

343

00:15:57,430 --> 00:15:54,440

amazing meeting in the documentary too

344

00:16:00,730 --> 00:15:57,440

and so many other things and as you say

345

00:16:02,980 --> 00:16:00,740

there are some secrets and surprises in

346

00:16:05,079 --> 00:16:02,990

the documentary that I didn't even know

347

00:16:08,050 --> 00:16:05,089

about Saudi I was quite spellbound

348

00:16:09,910 --> 00:16:08,060

watching this documentary yeah I'm sure

349

00:16:11,920 --> 00:16:09,920

our friends in Australia hill

350

00:16:15,730 --> 00:16:11,930

come along to see you in person see the

351

00:16:17,470 --> 00:16:15,740

the tour will agree with me for 20 dates

352

00:16:21,610 --> 00:16:17,480

ladies and gentlemen all you have to do

353

00:16:24,009 --> 00:16:21,620

is visit think inc dot org dot a you

354

00:16:26,949 --> 00:16:24,019

where listeners can find out details

355

00:16:28,720 --> 00:16:26,959

about the evenings and you can more

356

00:16:30,790 --> 00:16:28,730

importantly buy your tickets it's Monday

357

00:16:34,090 --> 00:16:30,800

the first December in adelaide wednesday

358

00:16:36,639 --> 00:16:34,100

the third of december in perth thursday

359

00:16:39,730 --> 00:16:36,649

the fourth in brisbane friday the 5th in

360

00:16:43,030 --> 00:16:39,740

melbourne and winding up the tour sunday

361

00:16:45,670 --> 00:16:43,040

the seventh here in sydney no it's going

362

00:16:47,470 --> 00:16:45,680

to be very interesting because I'm

363

00:16:49,569 --> 00:16:47,480

certainly hoping I know I'm gonna have a

364

00:16:52,210 --> 00:16:49,579

lot of people would come to me with hand

365

00:16:54,780 --> 00:16:52,220

outstretched better probably won't

366

00:16:57,579 --> 00:16:54,790

remember the patrol from years back but

367

00:16:59,800 --> 00:16:57,589

they'll remember me and will choke me

368

00:17:01,600 --> 00:16:59,810

quickly i'm sure who they are and what

369

00:17:04,179 --> 00:17:01,610

they are and that's always a pleasure to

370

00:17:06,730 --> 00:17:04,189

know and always a pleasure to see old

371

00:17:09,640 --> 00:17:06,740

friends and there are many old friends

372

00:17:11,710 --> 00:17:09,650

and australia i can assure you james

373

00:17:14,289 --> 00:17:11,720

randi we can't wait it's not long now

374

00:17:16,090 --> 00:17:14,299

listeners here's your chance take

375

00:17:18,909 --> 00:17:16,100

advantage of this opportunity with your

376

00:17:20,799 --> 00:17:18,919

in Adelaide Perth Brisbane Melbourne or

377

00:17:22,990 --> 00:17:20,809

Sydney please take advantage of this

378

00:17:26,289 --> 00:17:23,000

opportunity to see James the amazing

379

00:17:28,210 --> 00:17:26,299

Randi live in person Randy you're

380

00:17:30,820 --> 00:17:28,220

looking well I'm glad Medical Sciences

381

00:17:32,940 --> 00:17:30,830

doing wonders for you steel yourself for

382

00:17:35,380 --> 00:17:32,950

the long trip and we'll see you soon

383

00:17:37,480 --> 00:17:35,390

okay thank you Richard Zhou we could

384

00:17:39,940 --> 00:17:37,490

talk to you and we'll look forward to

385

00:17:49,950 --> 00:17:39,950

seeing you in person not too long from

386

00:17:53,950 --> 00:17:52,299

brisbane skeptics society is proud to

387

00:17:55,419 --> 00:17:53,960

announce that Michael Marshall will be

388

00:17:57,430 --> 00:17:55,429

coming to Brisbane on the first to

389

00:17:58,899 --> 00:17:57,440

December I can't wait to speak in

390

00:18:00,310 --> 00:17:58,909

Brisbane I really want to be showing

391

00:18:01,210 --> 00:18:00,320

people or take people through some of

392

00:18:03,610 --> 00:18:01,220

the stuff that I've been doing in

393

00:18:05,740 --> 00:18:03,620

skepticism some of the interestings with

394

00:18:07,990 --> 00:18:05,750

a weird story from the funny stories and

395

00:18:09,430 --> 00:18:08,000

some of the quiet horrible things that

396

00:18:10,750 --> 00:18:09,440

you see when you get out there and

397

00:18:12,399 --> 00:18:10,760

you're investigating to get this isn't

398

00:18:14,529 --> 00:18:12,409

of you invest get sued a scientific

399

00:18:15,490 --> 00:18:14,539

stuff firsthand so please come along to

400

00:18:17,350 --> 00:18:15,500

Brisbane I look forward to seeing

401  
00:18:19,720 --> 00:18:17,360  
everyone there we have a beer afterwards

402  
00:18:22,269 --> 00:18:19,730  
to come along to toombul shire hall

403  
00:18:24,370 --> 00:18:22,279  
starting at six o'clock for a talk by

404  
00:18:26,860 --> 00:18:24,380  
michael marshall and drinks afterwards

405  
00:18:32,049 --> 00:18:26,870  
for more info go to Brisbane skeptics

406  
00:18:34,299 --> 00:18:32,059  
dot org do you read the latest news and

407  
00:18:36,159 --> 00:18:34,309  
wish there was a more skeptical voice do

408  
00:18:38,500 --> 00:18:36,169  
you want to hear fascinating interviews

409  
00:18:40,659 --> 00:18:38,510  
with your favorite skeptics tune in to

410  
00:18:42,370 --> 00:18:40,669  
skeptically challenged skeptically

411  
00:18:43,810 --> 00:18:42,380  
challenged as a podcast that examines

412  
00:18:46,120 --> 00:18:43,820  
the latest in health and paranormal

413  
00:18:47,759 --> 00:18:46,130

claims bringing critical analysis to the

414

00:18:50,230 --> 00:18:47,769

world of the weird and the crockett

415

00:18:52,389 --> 00:18:50,240

skeptic who challenged adds a rational

416

00:18:55,120 --> 00:18:52,399

voice to an Internet full of padulla tea

417

00:19:01,410 --> 00:18:55,130

for more info go to skeptically

418

00:19:06,190 --> 00:19:04,210

welcome to a week in science from arias

419

00:19:08,350 --> 00:19:06,200

bringing you the science you need to

420

00:19:11,020 --> 00:19:08,360

know it's hard to beat the crisp

421

00:19:12,790 --> 00:19:11,030

refreshing taste of an ice-cold beer but

422

00:19:15,330 --> 00:19:12,800

behind the amber haze and frothing fears

423

00:19:20,800 --> 00:19:15,340

beer is also humanity's first

424

00:19:23,200 --> 00:19:20,810

biotechnology venture we first

425

00:19:25,570 --> 00:19:23,210

discovered beer about 8,000 years ago in

426

00:19:27,220 --> 00:19:25,580

ancient egypt and ancient sumer the

427

00:19:29,560 --> 00:19:27,230

world's first brewers mix bread

428

00:19:31,840 --> 00:19:29,570

germinated grain and water in ceramic

429

00:19:33,250 --> 00:19:31,850

jars the yeast inside the bread

430

00:19:37,630 --> 00:19:33,260

fermented the sugars in the grain

431

00:19:39,670 --> 00:19:37,640

producing alcohol and tada beer almost

432

00:19:42,040 --> 00:19:39,680

everyone drank it at the time as it was

433

00:19:43,570 --> 00:19:42,050

high in carbohydrates in protein but was

434

00:19:45,460 --> 00:19:43,580

also safer to drink than the

435

00:19:49,390 --> 00:19:45,470

contaminated water making it the

436

00:19:51,490 --> 00:19:49,400

ultimate food source today there are

437

00:19:53,290 --> 00:19:51,500

thousands of brands of beer and dozens

438

00:19:55,750 --> 00:19:53,300

of different styles but there are really

439

00:19:57,730 --> 00:19:55,760

only two main types of beer ales and

440

00:19:59,920 --> 00:19:57,740

lagers the difference of rising from the

441

00:20:01,570 --> 00:19:59,930

type of yeast used a OSU's a top

442

00:20:03,490 --> 00:20:01,580

fermenting yeast which operates at a

443

00:20:05,800 --> 00:20:03,500

higher temperature this means that

444

00:20:08,050 --> 00:20:05,810

fermentation produces not only alcohol

445

00:20:10,000 --> 00:20:08,060

but various other aroma molecules that

446

00:20:12,400 --> 00:20:10,010

give rise to fruity and floral flavors

447

00:20:14,230 --> 00:20:12,410

lagers on the other hand use bottom

448

00:20:16,210 --> 00:20:14,240

fermenting yeast which operates at a

449

00:20:18,100 --> 00:20:16,220

lower temperature this means that no

450

00:20:20,200 --> 00:20:18,110

extra of Roman molecules are produced

451  
00:20:23,350 --> 00:20:20,210  
making the beer a crisp and clear

452  
00:20:24,820 --> 00:20:23,360  
expression of the grain and now for fast

453  
00:20:26,789 --> 00:20:24,830  
facts about Australia's favorite

454  
00:20:29,349 --> 00:20:26,799  
beverage

455  
00:20:31,389 --> 00:20:29,359  
ancient Greeks and Romans didn't really

456  
00:20:33,129 --> 00:20:31,399  
appreciate the beauty of beer they

457  
00:20:35,710 --> 00:20:33,139  
thought it was most useful to soften

458  
00:20:37,599 --> 00:20:35,720  
ivory to make jewelry beer is a diuretic

459  
00:20:40,119 --> 00:20:37,609  
that causes us to lose fluids very

460  
00:20:43,359 --> 00:20:40,129  
quickly every bottle of beer you drink

461  
00:20:45,729 --> 00:20:43,369  
produces about half a liter of urine per

462  
00:20:47,320 --> 00:20:45,739  
standard drink beer contains more

463  
00:20:49,389 --> 00:20:47,330

vitamins and minerals than wine and

464

00:20:51,279 --> 00:20:49,399

ancient Egyptians thought that drinking

465

00:20:53,950 --> 00:20:51,289

beer and getting drunk help them become

466

00:20:56,320 --> 00:20:53,960

closer with the gods that's it for this

467

00:20:59,889 --> 00:20:56,330

week and science for more information on

468

00:21:03,489 --> 00:20:59,899

beer go to the RAS website by a US

469

00:21:05,889 --> 00:21:03,499

dollar you follow us on twitter at rars

470

00:21:11,649 --> 00:21:05,899

and like us on Facebook I'm na be young

471

00:21:14,259 --> 00:21:11,659

and we'll catch you next week on Maynard

472

00:21:15,580 --> 00:21:14,269

com Donahue hi this is John Waters and

473

00:21:16,930 --> 00:21:15,590

i'm here with Maynard what's the number

474

00:21:19,180 --> 00:21:16,940

one thing you hate right now for top of

475

00:21:22,210 --> 00:21:19,190

your head the number one thing I hate

476

00:21:24,279 --> 00:21:22,220

right now probably his new age really

477

00:21:26,649 --> 00:21:24,289

gets on my nerves hippies got on my

478

00:21:28,359 --> 00:21:26,659

nerves in the old days but now new ones

479

00:21:30,219 --> 00:21:28,369

oh god we have to go through this again

480

00:21:32,349 --> 00:21:30,229

what was the problem with hippies like a

481

00:21:34,450 --> 00:21:32,359

nun of action there for you I had long

482

00:21:36,580 --> 00:21:34,460

hair everything I think I was a hippie I

483

00:21:37,570 --> 00:21:36,590

was all for the demonstrations

484

00:21:39,999 --> 00:21:37,580

everything because they were good

485

00:21:42,580 --> 00:21:40,009

parties you know I never wanted to sit

486

00:21:44,499 --> 00:21:42,590

in the mud with Joan Baez and Woodstock

487

00:21:45,879 --> 00:21:44,509

what illegitimate children and then I

488

00:21:47,649 --> 00:21:45,889

don't know to me it sounded like a

489

00:21:59,340 --> 00:21:47,659

horrible way to spend the evening on my

490

00:22:03,870 --> 00:22:01,570

well I Mountain about at the moment i'm

491

00:22:06,790 --> 00:22:03,880

in downtown Sydney I'm within will Hello

492

00:22:08,410 --> 00:22:06,800

although Richard now you've just

493

00:22:11,410 --> 00:22:08,420

interviewed me so I'm going to interview

494

00:22:13,840 --> 00:22:11,420

you for a second now you asked me to

495

00:22:16,600 --> 00:22:13,850

come along and be on your radio show

496

00:22:18,550 --> 00:22:16,610

what's that diffusion science radio

497

00:22:21,460 --> 00:22:18,560

which get which can be heard on

498

00:22:24,820 --> 00:22:21,470

diffusion radio com diffusion radio com

499

00:22:26,830 --> 00:22:24,830

and you do science reports and bits and

500

00:22:28,990 --> 00:22:26,840

pieces yeah weekly science and

501  
00:22:30,700 --> 00:22:29,000  
technology show excellent that's great

502  
00:22:33,430 --> 00:22:30,710  
and you've come along today to ask me

503  
00:22:35,320 --> 00:22:33,440  
about water divining absolutely i think

504  
00:22:37,150 --> 00:22:35,330  
if it's good enough for our incoming

505  
00:22:41,110 --> 00:22:37,160  
chief of the CSIRO then the whole world

506  
00:22:44,230 --> 00:22:41,120  
needs to know they do it's a crazy story

507  
00:22:45,550 --> 00:22:44,240  
folks and this guy I must tell you is in

508  
00:22:48,250 --> 00:22:45,560  
line for the Australian skeptics bent

509  
00:22:50,770 --> 00:22:48,260  
spoon award this year you see and that's

510  
00:22:53,980 --> 00:22:50,780  
quite interesting so that's great I mean

511  
00:22:55,420 --> 00:22:53,990  
I'd love any any opportunity to chat to

512  
00:22:58,600 --> 00:22:55,430  
somebody out there who's also promoting

513  
00:23:00,970 --> 00:22:58,610

science and recent which you do yes and

514

00:23:02,140 --> 00:23:00,980

I think people need to know if we're

515

00:23:03,580 --> 00:23:02,150

going to be talking about water divining

516

00:23:05,830 --> 00:23:03,590

people need to know what it is and how

517

00:23:07,360 --> 00:23:05,840

it works and there's a lot they can

518

00:23:09,850 --> 00:23:07,370

learn about science in the process I

519

00:23:12,420 --> 00:23:09,860

think so and you probably get some angry

520

00:23:14,800 --> 00:23:12,430

letters after my interview because I I

521

00:23:16,930 --> 00:23:14,810

basically say it doesn't work and I

522

00:23:19,000 --> 00:23:16,940

explained that the video motor action

523

00:23:21,280 --> 00:23:19,010

and stuff like that but it's interesting

524

00:23:25,030 --> 00:23:21,290

people will write back now will tell you

525

00:23:26,830 --> 00:23:25,040

long stories about how their dad did it

526

00:23:29,170 --> 00:23:26,840

or they do it or they've seen it with

527

00:23:31,000 --> 00:23:29,180

their own eyes and stuff like that it's

528

00:23:33,910 --> 00:23:31,010

it's a fascinating area it's great fun

529

00:23:37,390 --> 00:23:33,920

it is I used to play with pendulums when

530

00:23:39,280 --> 00:23:37,400

I was little and i found that you as you

531

00:23:42,160 --> 00:23:39,290

say you can direct them once you play

532

00:23:43,900 --> 00:23:42,170

with them a lot you can direct direct

533

00:23:46,330 --> 00:23:43,910

where you want them to go without trying

534

00:23:48,250 --> 00:23:46,340

to move your hand and in fact i try to

535

00:23:51,640 --> 00:23:48,260

buy basically imagining i was pushing it

536

00:23:54,250 --> 00:23:51,650

and it feels like you're using a

537

00:23:56,620 --> 00:23:54,260

psychokinetic power you're not it's all

538

00:23:58,300 --> 00:23:56,630

just the ideomotor effect the random

539

00:23:59,710 --> 00:23:58,310

movements of your hand but because of

540

00:24:02,170 --> 00:23:59,720

the connections here unconscious mind

541

00:24:04,390 --> 00:24:02,180

and the suggestion if you imagine you're

542

00:24:06,880 --> 00:24:04,400

moving it it moves and it feels like

543

00:24:07,350 --> 00:24:06,890

real magic it does and this ideomotor

544

00:24:10,260 --> 00:24:07,360

action

545

00:24:12,480 --> 00:24:10,270

is also responsible for as you say

546

00:24:14,190 --> 00:24:12,490

pendulums there's the old one the

547

00:24:16,110 --> 00:24:14,200

wedding ring over the pregnant belly

548

00:24:20,390 --> 00:24:16,120

it's the same same sort of thing

549

00:24:24,210 --> 00:24:20,400

happening and also it goes as far as

550

00:24:25,799 --> 00:24:24,220

applied kinesiology the same basic

551

00:24:27,720 --> 00:24:25,809

psychological effect when a

552

00:24:29,700 --> 00:24:27,730

kinesiologist is doing muscle testing

553

00:24:32,310 --> 00:24:29,710

can come into play where the feedback

554

00:24:34,140 --> 00:24:32,320

they're getting unbeknownst to them is

555

00:24:36,000 --> 00:24:34,150

because of the way they're pushing the

556

00:24:38,910 --> 00:24:36,010

arm or the leg or whatever the case may

557

00:24:40,590 --> 00:24:38,920

be so it's um it's it's a really

558

00:24:42,630 --> 00:24:40,600

interesting area of research the

559

00:24:44,460 --> 00:24:42,640

ideomotor action it is and it's a

560

00:24:46,770 --> 00:24:44,470

connection between the conscious and the

561

00:24:48,570 --> 00:24:46,780

unconscious mind so I'm interesting

562

00:24:49,650 --> 00:24:48,580

looking up the neural correlates if they

563

00:24:52,020 --> 00:24:49,660

can find out which parts of the brain

564

00:24:54,030 --> 00:24:52,030

are actually used by the ideomotor

565

00:24:55,260 --> 00:24:54,040

effect and how that part of it works so

566

00:24:57,120 --> 00:24:55,270

i'll be looking into that for future

567

00:24:58,590 --> 00:24:57,130

shows that would be interesting don't

568

00:25:00,330 --> 00:24:58,600

look if you need a volunteer to be

569

00:25:02,010 --> 00:25:00,340

hooked up to a machine and and walk

570

00:25:04,110 --> 00:25:02,020

along with a divining rod oh no it

571

00:25:05,460 --> 00:25:04,120

wouldn't work with me the trouble is

572

00:25:08,549 --> 00:25:05,470

I've been doing it for so long now that

573

00:25:10,200 --> 00:25:08,559

I know precisely when to make the rods

574

00:25:11,610 --> 00:25:10,210

move because I have to for demonstration

575

00:25:13,140 --> 00:25:11,620

purposes you know I'll walk along and

576

00:25:15,360 --> 00:25:13,150

say there's the bottle of the rods will

577

00:25:19,950 --> 00:25:15,370

move across so I don't know what it's

578

00:25:22,620 --> 00:25:19,960

like to to do it subconsciously I've

579

00:25:24,000 --> 00:25:22,630

lost that ability I have think well we

580

00:25:25,740 --> 00:25:24,010

could stick you on a Ouija board which

581

00:25:27,030 --> 00:25:25,750

is exactly the same principle right and

582

00:25:29,220 --> 00:25:27,040

you probably haven't played with them as

583

00:25:30,990 --> 00:25:29,230

much so maybe your unconscious would

584

00:25:32,610 --> 00:25:31,000

still have a way through or you just

585

00:25:34,049 --> 00:25:32,620

sealed off from the spirit world forever

586

00:25:36,720 --> 00:25:34,059

because of your forbidden knowledge

587

00:25:38,430 --> 00:25:36,730

you've got me there I'm afraid I'm

588

00:25:40,140 --> 00:25:38,440

afraid I'm gonna lost cause you've

589

00:25:42,620 --> 00:25:40,150

governor in great to catch up with you

590

00:25:56,950 --> 00:25:42,630

and good luck and that website again is

591

00:26:03,710 --> 00:26:00,070

hey guys Jay novela here simple question

592

00:26:05,570 --> 00:26:03,720

where will you be this November because

593

00:26:07,340 --> 00:26:05,580

I know I'm going to be at the Australian

594

00:26:08,930 --> 00:26:07,350

skeptics national convention in Sydney

595

00:26:10,280 --> 00:26:08,940

and so will all the rest of us from the

596

00:26:13,400 --> 00:26:10,290

skeptics guide to the universe including

597

00:26:15,590 --> 00:26:13,410

George Rob and Dick Smith and dr. Karl

598

00:26:18,560 --> 00:26:15,600

and dr. Reggie and lots of other awesome

599

00:26:20,690 --> 00:26:18,570

people why aren't you going did you not

600

00:26:22,310 --> 00:26:20,700

sign up yet get on there and sign up

601  
00:26:24,290 --> 00:26:22,320  
this is going to be some epic stuff here

602  
00:26:33,039 --> 00:26:24,300  
you don't want to miss it go to skeptics

603  
00:26:49,360 --> 00:26:35,979  
what we want is some more evidence

604  
00:26:49,370 --> 00:26:55,850  
hello this is Joe alabasta

605  
00:27:01,620 --> 00:26:59,280  
well last week Iran Alethea Richard and

606  
00:27:04,140 --> 00:27:01,630  
I all put our tinfoil hats and headed to

607  
00:27:07,680 --> 00:27:04,150  
the mind-body-spirit festival at Olympic

608  
00:27:09,720 --> 00:27:07,690  
Park in Sydney mind body spirit or as we

609  
00:27:11,549 --> 00:27:09,730  
refer to it mind-body wallet is a

610  
00:27:13,560 --> 00:27:11,559  
six-monthly event held in Melbourne

611  
00:27:15,630 --> 00:27:13,570  
Sydney and Brisbane and is Australia's

612  
00:27:19,770 --> 00:27:15,640  
largest most popular health well-being

613  
00:27:21,960 --> 00:27:19,780

and natural therapies event now if

614

00:27:23,340 --> 00:27:21,970

you're skeptically inclined i think that

615

00:27:25,740 --> 00:27:23,350

there's a lot of value in attending

616

00:27:27,330 --> 00:27:25,750

these sorts of events they are for a

617

00:27:28,919 --> 00:27:27,340

first-hand view of what's out there in

618

00:27:30,630 --> 00:27:28,929

the world of old med were at the moment

619

00:27:32,310 --> 00:27:30,640

so it's a good chance to familiarize

620

00:27:35,760 --> 00:27:32,320

yourself with what's currently popular

621

00:27:39,659 --> 00:27:35,770

and let me report juicing is in raw food

622

00:27:41,370 --> 00:27:39,669

is in gluten is still out if you're the

623

00:27:43,680 --> 00:27:41,380

sort of person who pens letters and

624

00:27:45,720 --> 00:27:43,690

complaints to the TGA a Triple C and

625

00:27:47,820 --> 00:27:45,730

fair trading you're likely to find a few

626

00:27:49,380 --> 00:27:47,830

doozies to follow up on and if you're

627

00:27:51,270 --> 00:27:49,390

curious about the perspectives of those

628

00:27:53,370 --> 00:27:51,280

who subscribe to the pseudoscience e

629

00:27:55,830 --> 00:27:53,380

notions of or going energy astrology

630

00:27:57,210 --> 00:27:55,840

negative ions and homeopathy there are

631

00:27:58,470 --> 00:27:57,220

plenty of stall holders who are more

632

00:28:00,480 --> 00:27:58,480

than happy to have a chat with you

633

00:28:02,340 --> 00:28:00,490

though occasionally less happy when you

634

00:28:04,500 --> 00:28:02,350

ask them a few too many politely phrased

635

00:28:07,799 --> 00:28:04,510

questions about evidence mechanisms and

636

00:28:10,289 --> 00:28:07,809

clinical trials so John some comfy shoes

637

00:28:11,520 --> 00:28:10,299

align your chakras people can help you

638

00:28:13,380 --> 00:28:11,530

with that for just sixty dollars a

639

00:28:19,530 --> 00:28:13,390

session and let me take you on a journey

640

00:28:22,289 --> 00:28:19,540

around mind-body wallet the venue a

641

00:28:24,600 --> 00:28:22,299

large convention hall was packed over

642

00:28:26,730 --> 00:28:24,610

200 exhibitors had boost set up there

643

00:28:28,799 --> 00:28:26,740

was a performance stage an area where

644

00:28:31,020 --> 00:28:28,809

speakers gave talks plus two seminar

645

00:28:32,700 --> 00:28:31,030

rooms away from the hall a corner of the

646

00:28:34,980 --> 00:28:32,710

hall sectioned off with psychics giving

647

00:28:38,190 --> 00:28:34,990

readings a demonstration kitchen with

648

00:28:39,990 --> 00:28:38,200

audience seating and a food court we

649

00:28:42,210 --> 00:28:40,000

opted to walk around and focus on the

650

00:28:44,010 --> 00:28:42,220

exhibitors in their stores but to give

651  
00:28:45,840 --> 00:28:44,020  
you an idea of what sorts of talks were

652  
00:28:49,289 --> 00:28:45,850  
going on here's a random selection of

653  
00:28:51,210 --> 00:28:49,299  
topics why personal care products make

654  
00:28:54,330 --> 00:28:51,220  
you fat and affect your hormones and

655  
00:28:56,580 --> 00:28:54,340  
what you can do about it shifting past

656  
00:29:00,030 --> 00:28:56,590  
life patterns using meridian tapping and

657  
00:29:03,470 --> 00:29:00,040  
resonant essences sick building syndrome

658  
00:29:05,880 --> 00:29:03,480  
and EMF their effects on the body

659  
00:29:07,200 --> 00:29:05,890  
quantum physics and the supernatural

660  
00:29:09,220 --> 00:29:07,210  
realm

661  
00:29:13,330 --> 00:29:09,230  
replenishing your life through cellular

662  
00:29:16,240 --> 00:29:13,340  
regeneration and emotional release with

663  
00:29:19,450 --> 00:29:16,250

lymphatic draining while in the Soul

664

00:29:21,850 --> 00:29:19,460

Kitchen there was organic raw artisan

665

00:29:24,940 --> 00:29:21,860

cane healthy chocolate making and yeah

666

00:29:28,090 --> 00:29:24,950

that's a single title whole foods and

667

00:29:31,210 --> 00:29:28,100

super foods for vitality and apple cider

668

00:29:33,700 --> 00:29:31,220

vinegar recipes the performance stage

669

00:29:36,310 --> 00:29:33,710

offered such gems as power animal

670

00:29:39,030 --> 00:29:36,320

retrievals messages from the spirit

671

00:29:42,600 --> 00:29:39,040

world Tibetan tantric chanting and

672

00:29:47,650 --> 00:29:42,610

drumming lots and lots of drumming

673

00:29:49,390 --> 00:29:47,660

further driving on to the exhibitors the

674

00:29:52,060 --> 00:29:49,400

first store we approach was festooned

675

00:29:53,920 --> 00:29:52,070

with printouts of odd claims reproduced

676  
00:29:57,820 --> 00:29:53,930  
from the esteemed medical journal of all

677  
00:29:59,940 --> 00:29:57,830  
caps such as an X my patient greatly

678  
00:30:02,590 --> 00:29:59,950  
improved after avoiding citrus fruits

679  
00:30:05,470 --> 00:30:02,600  
allergies are caused by faulty digestive

680  
00:30:08,950 --> 00:30:05,480  
enzymes migraines are triggered by /

681  
00:30:10,900 --> 00:30:08,960  
acid fruits and a woman with a thyroid

682  
00:30:13,270 --> 00:30:10,910  
problem improved when cabbage and

683  
00:30:15,250 --> 00:30:13,280  
broccoli was eliminated which is a

684  
00:30:19,540 --> 00:30:15,260  
timely reminder to blast all brassicas

685  
00:30:21,550 --> 00:30:19,550  
with lasers on site in this booth there

686  
00:30:23,110 --> 00:30:21,560  
was a table and on the table was what

687  
00:30:26,920 --> 00:30:23,120  
turned out to be the new gimmick of the

688  
00:30:29,230 --> 00:30:26,930

season a pair of headphones attached to

689

00:30:31,330 --> 00:30:29,240

a machine with flashing lights which was

690

00:30:34,150 --> 00:30:31,340

connected to a screen showing images of

691

00:30:36,430 --> 00:30:34,160

internal organs scattered with different

692

00:30:39,820 --> 00:30:36,440

polygons to represent the status of

693

00:30:42,280 --> 00:30:39,830

various tissues and systems this was a

694

00:30:44,860 --> 00:30:42,290

direct health scanning machine marketed

695

00:30:46,570 --> 00:30:44,870

under the name Metatron which is both an

696

00:30:48,820 --> 00:30:46,580

archangel in Christian and judaic

697

00:30:52,210 --> 00:30:48,830

folklore and almost the name of a

698

00:30:54,910 --> 00:30:52,220

transformer we saw three of these set up

699

00:30:57,040 --> 00:30:54,920

at the expo and for around \$95 ago

700

00:30:59,770 --> 00:30:57,050

people could sit down wear the

701  
00:31:02,170 --> 00:30:59,780  
headphones and apparently quote take a

702  
00:31:04,750 --> 00:31:02,180  
journey and see their body in 3d and

703  
00:31:09,040 --> 00:31:04,760  
quote to view the health of their body's

704  
00:31:11,050 --> 00:31:09,050  
organs tissues cells and chromosomes the

705  
00:31:12,730 --> 00:31:11,060  
claim is incredibly vague but apparently

706  
00:31:14,620 --> 00:31:12,740  
putting on some headphones allows the

707  
00:31:17,620 --> 00:31:14,630  
scanning device to analyze your entire

708  
00:31:19,400 --> 00:31:17,630  
body using magnetic fields from one

709  
00:31:21,500 --> 00:31:19,410  
pamphlet quote

710  
00:31:23,540 --> 00:31:21,510  
is based on spectral analysis of the

711  
00:31:26,060 --> 00:31:23,550  
magnetic field vortices in living tissue

712  
00:31:29,720 --> 00:31:26,070  
through the biofeedback of cellular

713  
00:31:31,340 --> 00:31:29,730

information and quote nobody was able to

714

00:31:33,590 --> 00:31:31,350

tell us how the device receives the

715

00:31:35,540 --> 00:31:33,600

biofeedback but everybody that I saw

716

00:31:38,900 --> 00:31:35,550

having a scan appeared to have a bad

717

00:31:42,230 --> 00:31:38,910

case of spleen hexagons perhaps it's one

718

00:31:44,000 --> 00:31:42,240

for the TGA to look into one of the next

719

00:31:46,550 --> 00:31:44,010

stores we encountered was all going

720

00:31:47,870 --> 00:31:46,560

effects Australia which is fantastic I'm

721

00:31:49,970 --> 00:31:47,880

actually rather fascinated by the

722

00:31:52,010 --> 00:31:49,980

concept of all going energy and the man

723

00:31:55,160 --> 00:31:52,020

who proposed its existence the strange

724

00:31:56,780 --> 00:31:55,170

dropped the Wilhelm Reich unfortunately

725

00:31:58,550 --> 00:31:56,790

the store holders weren't espousing

726

00:32:00,740 --> 00:31:58,560

Reich sword views on sexual energy and

727

00:32:02,570 --> 00:32:00,750

all going directly they were selling all

728

00:32:04,670 --> 00:32:02,580

manner of trinkets to protect people

729

00:32:06,620 --> 00:32:04,680

from various energies though from

730

00:32:09,170 --> 00:32:06,630

coasters to positively charged bottles

731

00:32:11,150 --> 00:32:09,180

of water to smart meter home harmonizers

732

00:32:13,040 --> 00:32:11,160

to those little holographic stickers

733

00:32:15,080 --> 00:32:13,050

which is said to protect mobile phone

734

00:32:18,560 --> 00:32:15,090

users from electromagnetic radiation

735

00:32:20,210 --> 00:32:18,570

that's still about we had a very

736

00:32:22,640 --> 00:32:20,220

peculiar conversation with one of the

737

00:32:24,200 --> 00:32:22,650

stallholders when asked how it could be

738

00:32:26,360 --> 00:32:24,210

ascertained whether a bottle of water

739

00:32:28,640 --> 00:32:26,370

had a positive charge he said that he

740

00:32:30,590 --> 00:32:28,650

could tell by feeling it then went on to

741

00:32:33,110 --> 00:32:30,600

inform us that double-blind studies were

742

00:32:35,600 --> 00:32:33,120

no good not merely for his products but

743

00:32:36,730 --> 00:32:35,610

for any products because they removed

744

00:32:40,580 --> 00:32:36,740

the emotional and psychological

745

00:32:42,170 --> 00:32:40,590

component of an effect basically he

746

00:32:44,180 --> 00:32:42,180

seemed to be arguing the BIOS

747

00:32:45,860 --> 00:32:44,190

contributes to efficacy and should

748

00:32:47,930 --> 00:32:45,870

therefore be considered as part of the

749

00:32:52,640 --> 00:32:47,940

mechanism by which a product or modality

750

00:32:54,770 --> 00:32:52,650

works ok then we kept walking and

751  
00:32:56,780 --> 00:32:54,780  
chatting we encountered crystals wind

752  
00:32:59,120 --> 00:32:56,790  
chimes psychics chiropractors or a

753  
00:33:02,570 --> 00:32:59,130  
photographer's a fellow who wanted to

754  
00:33:05,210 --> 00:33:02,580  
detox our houses a woman tried to

755  
00:33:06,740 --> 00:33:05,220  
redefine the word esoteric for us and in

756  
00:33:08,690 --> 00:33:06,750  
fact if you go to mind/body wallet

757  
00:33:11,060 --> 00:33:08,700  
expect to find a lot of change

758  
00:33:13,400 --> 00:33:11,070  
definitions and very vague descriptions

759  
00:33:15,260 --> 00:33:13,410  
that was one of the things which really

760  
00:33:17,720 --> 00:33:15,270  
struck me when talking with people there

761  
00:33:19,550 --> 00:33:17,730  
many conversations quickly come to an

762  
00:33:22,790 --> 00:33:19,560  
end when you ask for clear definitions

763  
00:33:24,140 --> 00:33:22,800

and descriptions of how things work one

764

00:33:26,630 --> 00:33:24,150

of the highlights of the day for me

765

00:33:28,940 --> 00:33:26,640

personally was finally running into John

766

00:33:31,910 --> 00:33:28,950

the wax art reader who had been hoping

767

00:33:33,289 --> 00:33:31,920

to check out for quite some time john is

768

00:33:37,190 --> 00:33:33,299

a psychic medium

769

00:33:38,869 --> 00:33:37,200

and the medium he uses a wax crayons he

770

00:33:40,460 --> 00:33:38,879

invites people to select some colors

771

00:33:42,710 --> 00:33:40,470

which appeal to them from a board of

772

00:33:45,109 --> 00:33:42,720

little wax blocks applies the wax to

773

00:33:47,359 --> 00:33:45,119

paper melts them with a little hot iron

774

00:33:49,549 --> 00:33:47,369

and then uses the resulting picture to

775

00:33:52,759 --> 00:33:49,559

conduct a reading for you and you get to

776

00:33:54,739 --> 00:33:52,769

keep the picture I'm a fan of the

777

00:33:57,289 --> 00:33:54,749

unusual and his methods strike me as

778

00:33:59,210 --> 00:33:57,299

refreshingly different so as curious to

779

00:34:01,129 --> 00:33:59,220

have a chat with him I happened to catch

780

00:34:03,739 --> 00:34:01,139

him during a quiet moment and he gave me

781

00:34:06,019 --> 00:34:03,749

quite a treat he held out a selection of

782

00:34:08,480 --> 00:34:06,029

laminated bookmarks size pieces of card

783

00:34:10,780 --> 00:34:08,490

with colored foiled finishes and asked

784

00:34:13,250 --> 00:34:10,790

myself and Iran to select one each on

785

00:34:15,770 --> 00:34:13,260

the reverse side of the card with some

786

00:34:18,619 --> 00:34:15,780

melted smudges of wax which he used to

787

00:34:20,329 --> 00:34:18,629

tell us something about ourselves my wax

788

00:34:23,539 --> 00:34:20,339

colors were green and blue which

789

00:34:25,250 --> 00:34:23,549

represented heart and communication john

790

00:34:26,930 --> 00:34:25,260

told me that i have an awful habit of

791

00:34:28,909 --> 00:34:26,940

speaking from my heart and putting my

792

00:34:30,799 --> 00:34:28,919

foot in my mouth and that I ought to

793

00:34:34,399 --> 00:34:30,809

process things more with my mind before

794

00:34:38,690 --> 00:34:34,409

I say them as such I am reading this

795

00:34:40,669 --> 00:34:38,700

report from a script Iran got blue and

796

00:34:43,010 --> 00:34:40,679

aqua and is currently in a learning

797

00:34:45,710 --> 00:34:43,020

phase of his life which frankly is a

798

00:34:47,960 --> 00:34:45,720

little generic and relatable but still I

799

00:34:52,010 --> 00:34:47,970

was very happy with our experience with

800

00:34:53,990 --> 00:34:52,020

John we got free bookmarks on the topic

801  
00:34:55,970 --> 00:34:54,000  
of the unusual I was also delighted to

802  
00:34:58,460 --> 00:34:55,980  
find a comparatively unadorned booth

803  
00:35:01,700 --> 00:34:58,470  
with the table containing a fish bowl

804  
00:35:04,160 --> 00:35:01,710  
full of leeches the lead chap who also

805  
00:35:06,770 --> 00:35:04,170  
practices Reiki kinesiology and

806  
00:35:08,420 --> 00:35:06,780  
hypnotherapy wasn't there but the woman

807  
00:35:09,829 --> 00:35:08,430  
who is attending the booth explained

808  
00:35:11,539 --> 00:35:09,839  
that the free-range lectures that I

809  
00:35:13,010 --> 00:35:11,549  
encounter in the Blue Mountains aren't

810  
00:35:15,319 --> 00:35:13,020  
doing me any good because they're

811  
00:35:17,599 --> 00:35:15,329  
infested with parasites but their

812  
00:35:22,190 --> 00:35:17,609  
factory farmed bleachers are fine and

813  
00:35:23,960 --> 00:35:22,200

contain enzymes now leechers do actually

814

00:35:27,260 --> 00:35:23,970

have legitimate medical uses in

815

00:35:28,940 --> 00:35:27,270

particular in microsurgery however I'm

816

00:35:31,280 --> 00:35:28,950

not convinced that the ideal treatment

817

00:35:34,309 --> 00:35:31,290

for ear infections vision problems and

818

00:35:36,530 --> 00:35:34,319

hernias the leech therapist also lists

819

00:35:39,049 --> 00:35:36,540

hemorrhoids in his list of areas in

820

00:35:42,890 --> 00:35:39,059

which leech therapy has insisted people

821

00:35:45,920 --> 00:35:42,900

to improve their well-being oh I'm not

822

00:35:47,150 --> 00:35:45,930

going there there's so much to see an

823

00:35:48,980 --> 00:35:47,160

amazed at my body while

824

00:35:51,050 --> 00:35:48,990

I've only touched the surface here I

825

00:35:52,580 --> 00:35:51,060

strongly recommend that you check it out

826

00:35:55,370 --> 00:35:52,590

for yourself if you're in the least bit

827

00:35:57,860 --> 00:35:55,380

curious the next one is being held in

828

00:36:00,110 --> 00:35:57,870

melbourne from the 14th to the 16th of

829

00:36:03,830 --> 00:36:00,120

november then they'll be back in march

830

00:36:05,780 --> 00:36:03,840

may and june next year if alternative

831

00:36:08,090 --> 00:36:05,790

medicine and bizarre claims trouble you

832

00:36:10,640 --> 00:36:08,100

mind body wallet can be turned into an

833

00:36:12,320 --> 00:36:10,650

opportunity for action talk with saw

834

00:36:14,510 --> 00:36:12,330

holders and find out what they have to

835

00:36:17,480 --> 00:36:14,520

say collect their literature and follow

836

00:36:19,310 --> 00:36:17,490

up with the relevant authorities if you

837

00:36:21,110 --> 00:36:19,320

want to see all manner of psychological

838

00:36:23,570 --> 00:36:21,120

phenomena in action it's a great place

839

00:36:25,940 --> 00:36:23,580

for people watching and if you have

840

00:36:28,610 --> 00:36:25,950

hemorrhoids don't sit down in a swamp in

841

00:36:41,600 --> 00:36:28,620

the Blue Mountains and perhaps have a

842

00:36:47,610 --> 00:36:44,460

the skeptic magazine the journal from

843

00:36:49,830 --> 00:36:47,620

Australian skeptics subscribe online to

844

00:36:55,140 --> 00:36:49,840

the world's second oldest skeptical

845

00:36:57,900 --> 00:36:55,150

magazine visit w WC apx com au and click

846

00:37:01,860 --> 00:36:57,910

the publication's League you can also

847

00:37:05,190 --> 00:37:01,870

find their over 30 years on back issues

848

00:37:24,770 --> 00:37:05,200

free to download the skeptic magazine

849

00:37:28,890 --> 00:37:27,450

thank you for listening to the skeptics

850

00:37:31,559 --> 00:37:28,900

earned this week in that website again

851  
00:37:34,260 --> 00:37:31,569  
for more information about James Randi

852  
00:37:38,720 --> 00:37:34,270  
an evening with James Randi with James

853  
00:37:41,670 --> 00:37:38,730  
Randi and myself in Adelaide and Perth

854  
00:37:45,049 --> 00:37:41,680  
and I'll be introducing the evening in

855  
00:37:51,599 --> 00:37:45,059  
Sydney Melbourne and Brisbane think inc

856  
00:37:55,020 --> 00:37:51,609  
dot org dot a you and that's thi NK i NC

857  
00:37:56,609 --> 00:37:55,030  
dot org go to you and also a big shout

858  
00:37:59,190 --> 00:37:56,619  
out to my friends at the skeptics guide

859  
00:38:01,500 --> 00:37:59,200  
to the universe podcast I was a guest

860  
00:38:03,630 --> 00:38:01,510  
rogue on their latest episode so if you

861  
00:38:05,339 --> 00:38:03,640  
listen to the skeptics guide or you you

862  
00:38:07,559 --> 00:38:05,349  
subscribe you'll know that and if you

863  
00:38:10,230 --> 00:38:07,569

don't why not check it out the skeptics

864

00:38:11,640 --> 00:38:10,240

guide to the universe podcast and we

865

00:38:14,130 --> 00:38:11,650

can't wait to see all the Rogues out

866

00:38:16,289 --> 00:38:14,140

here in late this month late November

867

00:38:18,599 --> 00:38:16,299

for the Australian skeptics National

868

00:38:20,670 --> 00:38:18,609

Convention tickets are still on sale but

869

00:38:23,839 --> 00:38:20,680

for this week this is Richard Saunders

870

00:38:26,970 --> 00:38:23,849

full of vibrations full of spiritual

871

00:38:31,349 --> 00:38:26,980

chakras and vibrations and quantum

872

00:38:33,559 --> 00:38:31,359

energies and I I was in a street fair

873

00:38:36,930 --> 00:38:33,569

today folks I went to the Double Bay

874

00:38:39,140 --> 00:38:36,940

Street fair and I came across some

875

00:38:44,609 --> 00:38:39,150

interesting things one store was selling

876

00:38:49,339 --> 00:38:44,619

chakra balancing crystals as I walk past

877

00:38:53,789 --> 00:38:49,349

I swear my chakras went out of balance

878

00:38:55,799 --> 00:38:53,799

it's very disturbing hmm for this week

879

00:39:01,740 --> 00:38:55,809

this is Richard Saunders signing off

880

00:39:04,020 --> 00:39:01,750

from Sydney Australia you've been

881

00:39:09,000 --> 00:39:04,030

listening to the skeptic zone

882

00:39:12,030 --> 00:39:09,010

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