

1  
00:00:05,929 --> 00:00:13,699  
welcome to the skeptic zone the podcast

2  
00:00:09,089 --> 00:00:13,699  
from Australia for science and reason

3  
00:00:22,239 --> 00:00:28,609  
hello and welcome to the skeptic zone

4  
00:00:24,920 --> 00:00:32,210  
episode number 412 for the eleventh of

5  
00:00:28,609 --> 00:00:34,488  
sep tember 2016 Richard Saunders here

6  
00:00:32,210 --> 00:00:35,899  
with you from Sydney Australia the 11th

7  
00:00:34,488 --> 00:00:39,339  
of September of course we pause to

8  
00:00:35,899 --> 00:00:44,988  
remember those are terrible events from

9  
00:00:39,340 --> 00:00:49,550  
15 years ago and imposing to remember we

10  
00:00:44,988 --> 00:00:51,649  
also see then maybe it happens to you

11  
00:00:49,549 --> 00:00:54,948  
too coming up on your Facebook feed or

12  
00:00:51,649 --> 00:00:56,960  
elsewhere people still clinging to the

13  
00:00:54,948 --> 00:00:58,849  
conspiracy theories that it was all an

14  
00:00:56,960 --> 00:01:01,509  
inside job in the buildings fell because

15  
00:00:58,850 --> 00:01:04,159  
of internal explosions caused by

16  
00:01:01,509 --> 00:01:09,140  
explosives placed there dynamite I don't

17  
00:01:04,159 --> 00:01:11,150  
know whatever it's it's it's not going

18  
00:01:09,140 --> 00:01:14,439  
to go away which is a sad thing also not

19  
00:01:11,150 --> 00:01:20,060  
going away believe it or not our

20  
00:01:14,439 --> 00:01:21,649  
moon-landing conspiracies this is was

21  
00:01:20,060 --> 00:01:23,570  
brought to my attention the other day I

22  
00:01:21,650 --> 00:01:25,700  
was listening to the latest skip toyed

23  
00:01:23,569 --> 00:01:28,069  
podcast with Brian Dunning all about the

24  
00:01:25,700 --> 00:01:30,200  
moon landing in fact it's a special

25  
00:01:28,069 --> 00:01:33,799  
three-part are very interesting and I

26  
00:01:30,200 --> 00:01:35,270  
post it up on my facebook feed travels

27  
00:01:33,799 --> 00:01:38,329  
into this you know it's very interesting

28  
00:01:35,269 --> 00:01:40,729  
and somebody I know chimed in with the

29

00:01:38,329 --> 00:01:44,450  
conspiracy theory which led to an

30  
00:01:40,730 --> 00:01:47,930  
extraordinary back and forth with lots

31  
00:01:44,450 --> 00:01:50,930  
of people about it and I want to boil

32  
00:01:47,930 --> 00:01:53,750  
down to it my friend who posted this

33  
00:01:50,930 --> 00:01:56,600  
just didn't have a shred of evidence not

34  
00:01:53,750 --> 00:01:59,209  
a shred it's amazing how many people

35  
00:01:56,599 --> 00:02:02,000  
will cling on to a belief purely based

36  
00:01:59,209 --> 00:02:03,879  
on a hunch or a suspicion or something

37  
00:02:02,000 --> 00:02:07,819  
like that but when pressed for evidence

38  
00:02:03,879 --> 00:02:10,060  
yeah now I'm afraid conspiracy theories

39  
00:02:07,819 --> 00:02:12,919  
and their proponents will be with us

40  
00:02:10,060 --> 00:02:14,750  
well for a long time I imagine we're

41  
00:02:12,919 --> 00:02:16,579  
coming up on this week's episode of this

42  
00:02:14,750 --> 00:02:20,080  
skeptic zone we catch up with Michael

43  
00:02:16,580 --> 00:02:23,390

crews from bad science watch in Canada

44

00:02:20,080 --> 00:02:24,950

some interesting information coming our

45

00:02:23,389 --> 00:02:26,389

way from Canada about the situation

46

00:02:24,949 --> 00:02:29,619

there with

47

00:02:26,389 --> 00:02:33,169

Astra paths naturopaths naturopaths

48

00:02:29,620 --> 00:02:35,000

pretend doctors we might say people who

49

00:02:33,169 --> 00:02:37,159

can't be bothered to actually study real

50

00:02:35,000 --> 00:02:41,509

medicine so they get a degree in

51

00:02:37,159 --> 00:02:44,150

naturopathy which I seem to remember

52

00:02:41,509 --> 00:02:46,090

many years ago one of the TV shows here

53

00:02:44,150 --> 00:02:48,709

in Australia a current affair or

54

00:02:46,090 --> 00:02:50,360

probably a current affair I probably

55

00:02:48,709 --> 00:02:53,090

have it in the archive some way I'm not

56

00:02:50,360 --> 00:02:57,380

sure managed to get one of their pet

57

00:02:53,090 --> 00:02:58,789

dogs registered as a naturopath it's it

58

00:02:57,379 --> 00:03:00,909  
was it was a good stunt at the time

59

00:02:58,789 --> 00:03:04,039  
unfortunately it didn't make any changes

60

00:03:00,909 --> 00:03:05,870  
anyway what's happening with naturopaths

61

00:03:04,039 --> 00:03:07,549  
they called themselves doctors over

62

00:03:05,870 --> 00:03:10,189  
there in Canada find out at the top of

63

00:03:07,550 --> 00:03:12,380  
the show with michael cruz from bad

64

00:03:10,189 --> 00:03:13,669  
science watch and after the break

65

00:03:12,379 --> 00:03:16,669  
something a little different something

66

00:03:13,669 --> 00:03:21,859  
quite interesting we have some archival

67

00:03:16,669 --> 00:03:23,780  
audio extracted from video about the

68

00:03:21,860 --> 00:03:28,190  
mind-body-spirit festival here in sydney

69

00:03:23,780 --> 00:03:30,590  
going back 30 years well there's there

70

00:03:28,189 --> 00:03:34,459  
are two clips I'll play for you one is

71

00:03:30,590 --> 00:03:37,099  
from 2002 when co-host of the skeptics

72  
00:03:34,459 --> 00:03:39,829  
own time co-host Stefan Soyka and I were

73  
00:03:37,099 --> 00:03:42,379  
doing some video reports for net FM

74  
00:03:39,829 --> 00:03:44,269  
internet radio station we went along the

75  
00:03:42,379 --> 00:03:46,489  
mind body spirit mind body wallet and

76  
00:03:44,269 --> 00:03:49,039  
Stefan did a piece to camera which I

77  
00:03:46,489 --> 00:03:50,719  
have shot and produced the audio from

78  
00:03:49,039 --> 00:03:53,479  
that is very interesting he chats to

79  
00:03:50,719 --> 00:03:55,069  
people there and they mean what's the

80  
00:03:53,479 --> 00:03:57,229  
old expression give somebody enough rope

81  
00:03:55,069 --> 00:03:59,810  
it is interesting when you chat to some

82  
00:03:57,229 --> 00:04:01,879  
of these people and you just well yes

83  
00:03:59,810 --> 00:04:06,590  
give them enough rope and then we're

84  
00:04:01,879 --> 00:04:08,599  
going to go back to the mid 80s and a

85  
00:04:06,590 --> 00:04:12,879  
report on the mind-body-spirit in sydney

86

00:04:08,599 --> 00:04:14,959  
from the mid 80s on ABC TV at the time

87  
00:04:12,879 --> 00:04:18,500  
again this you'll find that very

88  
00:04:14,959 --> 00:04:20,840  
interesting and later this year i think

89  
00:04:18,500 --> 00:04:23,660  
in november I'll go along again but

90  
00:04:20,839 --> 00:04:27,168  
honestly folks things don't change much

91  
00:04:23,660 --> 00:04:30,169  
in the new age the new age is looking

92  
00:04:27,168 --> 00:04:32,750  
really old-fashioned then to round off

93  
00:04:30,168 --> 00:04:34,788  
the show more of the raw skeptic Heidi

94  
00:04:32,750 --> 00:04:36,968  
Robertson with a report from the skeptic

95  
00:04:34,788 --> 00:04:38,860  
camp the recent skeptic camp in Brisbane

96  
00:04:36,968 --> 00:04:41,798  
heidi's going to be interviewing Mandy

97  
00:04:38,860 --> 00:04:44,169  
noble a dietitian looking into woo in

98  
00:04:41,798 --> 00:04:46,258  
the health industry who would have thunk

99  
00:04:44,168 --> 00:04:48,818  
it now here's something to look out for

100  
00:04:46,259 --> 00:04:52,319

coming up in a few weeks here in sydney

101

00:04:48,819 --> 00:04:56,019

and brisbane auckland and other cities

102

00:04:52,319 --> 00:04:58,329

my cousin ben goldacre is coming out to

103

00:04:56,019 --> 00:05:00,968

give a series of talks and lectures and

104

00:04:58,329 --> 00:05:02,769

things there will be a promo I'll run a

105

00:05:00,968 --> 00:05:04,329

promotion for it halfway through this

106

00:05:02,769 --> 00:05:07,149

week's episode of the skeptics own it's

107

00:05:04,329 --> 00:05:09,489

something to look out for and shortly on

108

00:05:07,149 --> 00:05:12,699

the show are not next week but I think

109

00:05:09,488 --> 00:05:14,798

the week after we have lined up an

110

00:05:12,699 --> 00:05:17,110

interview with Ben Goldacre himself who

111

00:05:14,798 --> 00:05:20,048

has appeared on the skeptic zone but not

112

00:05:17,110 --> 00:05:23,399

for some time in fact looking in the

113

00:05:20,048 --> 00:05:26,288

archives he was on the show in 2009

114

00:05:23,399 --> 00:05:28,329

interviewed by our very own dr. AG



115  
00:05:26,288 --> 00:05:32,288  
looking forward to meeting Ben for the

116  
00:05:28,329 --> 00:05:35,139  
first time we are cousins I can't

117  
00:05:32,288 --> 00:05:37,568  
remember the exact link it revolves

118  
00:05:35,139 --> 00:05:41,408  
around the fact that we're both related

119  
00:05:37,569 --> 00:05:46,300  
to sir henry parkes who was a historical

120  
00:05:41,408 --> 00:05:48,728  
figure in australia hmm maybe maybe we

121  
00:05:46,300 --> 00:05:50,918  
can work it out anyway more information

122  
00:05:48,728 --> 00:05:53,168  
about Ben gold acres tour of australia

123  
00:05:50,918 --> 00:05:55,329  
and new zealand coming up a bit later on

124  
00:05:53,168 --> 00:05:57,519  
in this week's episode of the skeptic

125  
00:05:55,329 --> 00:05:59,079  
zone Vera's of you in sydney also i look

126  
00:05:57,519 --> 00:06:02,800  
forward to seeing you at the australian

127  
00:05:59,079 --> 00:06:04,658  
skeptics dinner meeting on the 24th 24th

128  
00:06:02,800 --> 00:06:06,309  
where our special guest will be Lynn

129  
00:06:04,658 --> 00:06:09,959  
Kelly talking about her new book the

130  
00:06:06,309 --> 00:06:13,149  
memory code a fascinating book all about

131  
00:06:09,959 --> 00:06:16,598  
her research into ancient civilizations

132  
00:06:13,149 --> 00:06:18,879  
using memory techniques in order to pass

133  
00:06:16,598 --> 00:06:20,048  
down wisdom and information and hunting

134  
00:06:18,879 --> 00:06:22,569  
knowledge and all this sort of thing

135  
00:06:20,048 --> 00:06:25,388  
some ties in with famous things like

136  
00:06:22,569 --> 00:06:27,939  
Stonehenge it promises to be an

137  
00:06:25,389 --> 00:06:30,009  
absolutely fascinating evening more

138  
00:06:27,939 --> 00:06:33,099  
information about that talk at skeptics

139  
00:06:30,009 --> 00:06:35,559  
com dot and if you're in Sydney I

140  
00:06:33,098 --> 00:06:37,269  
encourage you to come along and if you

141  
00:06:35,559 --> 00:06:39,489  
know somebody in Sydney who might be

142  
00:06:37,269 --> 00:06:41,619  
interested in this topic please let them

143

00:06:39,488 --> 00:06:45,278  
know and don't forget you can also check

144  
00:06:41,619 --> 00:06:47,709  
out 30 years over 30 years plus back

145  
00:06:45,278 --> 00:06:49,629  
issues of the skeptic magazine free to

146  
00:06:47,709 --> 00:06:50,319  
download from that side well that's all

147  
00:06:49,629 --> 00:06:51,730  
from me the

148  
00:06:50,319 --> 00:06:54,550  
and I'm gonna run downstairs see if I

149  
00:06:51,730 --> 00:06:55,840  
can find those skeptics own cats there

150  
00:06:54,550 --> 00:06:57,370  
we were here a little while ago I think

151  
00:06:55,839 --> 00:07:01,689  
they're probably sleeping it's a nice

152  
00:06:57,370 --> 00:07:05,230  
sunny day perfect perfect we might say

153  
00:07:01,689 --> 00:07:07,899  
perfect weather for cats to sleep i'll

154  
00:07:05,230 --> 00:07:10,509  
let the sleeping cats sleep i'll tip

155  
00:07:07,899 --> 00:07:13,169  
tear down in fact i'll see if i can't

156  
00:07:10,509 --> 00:07:17,439  
find last bits of some nice chicken soup

157  
00:07:13,170 --> 00:07:19,689

with some crusty sourdough bread I do

158

00:07:17,439 --> 00:07:23,939

like that sourdough well I'm enjoying

159

00:07:19,689 --> 00:07:23,939

that I hope you enjoy the skeptics

160

00:07:43,120 --> 00:07:48,680

joining me now all the way from Toronto

161

00:07:45,410 --> 00:07:51,680

in Canada from bad science watch it's

162

00:07:48,680 --> 00:07:53,720

michael cruz hello hello Richard it's

163

00:07:51,680 --> 00:07:56,240

great to be back yes you haven't been on

164

00:07:53,720 --> 00:07:58,220

the skeptic zone for I'd have to check

165

00:07:56,240 --> 00:08:00,500

the records probably a bit earlier on

166

00:07:58,220 --> 00:08:02,210

last year we do like to catch up with

167

00:08:00,500 --> 00:08:05,000

you from time to time to find out what's

168

00:08:02,209 --> 00:08:06,589

going on in Canada and what the bad

169

00:08:05,000 --> 00:08:09,490

science you're watching at the moment

170

00:08:06,589 --> 00:08:11,779

but for a listeners who who haven't

171

00:08:09,490 --> 00:08:14,418

relatively new to the show maybe what

172  
00:08:11,779 --> 00:08:17,119  
can you tell me about bad science watch

173  
00:08:14,418 --> 00:08:19,758  
what's it all about well bad science

174  
00:08:17,120 --> 00:08:22,220  
what started into 2012 and we were

175  
00:08:19,759 --> 00:08:24,410  
responding to what we thought was kind

176  
00:08:22,220 --> 00:08:26,030  
of a disregard of science in public

177  
00:08:24,410 --> 00:08:28,430  
policy so we decided to focus our

178  
00:08:26,029 --> 00:08:30,799  
efforts on the government instead of the

179  
00:08:28,430 --> 00:08:31,939  
so the end user or the educational

180  
00:08:30,800 --> 00:08:34,219  
component which most people couldn't

181  
00:08:31,939 --> 00:08:35,809  
focus on and we've been advocating for

182  
00:08:34,219 --> 00:08:38,120  
good science and policy in public policy

183  
00:08:35,809 --> 00:08:41,569  
since then we took a little hiatus last

184  
00:08:38,120 --> 00:08:44,000  
year I got a bit burnt out as as happens

185  
00:08:41,570 --> 00:08:46,278  
with these kind of endeavors there's a

186  
00:08:44,000 --> 00:08:48,169  
lot of work and you know person can't

187  
00:08:46,278 --> 00:08:50,509  
shoulder it all themselves so I took a

188  
00:08:48,169 --> 00:08:51,679  
little break but we decided that we had

189  
00:08:50,509 --> 00:08:53,899  
a little bit more in us and we came back

190  
00:08:51,679 --> 00:08:56,809  
in the summer and now we're back in full

191  
00:08:53,899 --> 00:08:59,269  
swing advocating for a good science in

192  
00:08:56,809 --> 00:09:01,369  
public policy I think it's always a very

193  
00:08:59,269 --> 00:09:03,039  
good idea to take a little break every

194  
00:09:01,370 --> 00:09:05,450  
now and then I got completely with you

195  
00:09:03,039 --> 00:09:07,309  
doing the skeptic zone every week it's a

196  
00:09:05,450 --> 00:09:08,959  
little bit more tricky to do that but

197  
00:09:07,309 --> 00:09:11,599  
it's good to recharge the batteries take

198  
00:09:08,958 --> 00:09:13,458  
a step back and when you come to it

199  
00:09:11,600 --> 00:09:17,899  
sometimes come back to it you have a

200

00:09:13,458 --> 00:09:19,759  
fresh outlook or some more ideas but

201  
00:09:17,899 --> 00:09:22,549  
it's it's good to know that you're there

202  
00:09:19,759 --> 00:09:24,110  
doing something like this we have in

203  
00:09:22,549 --> 00:09:25,759  
Australia a group you are no doubt

204  
00:09:24,110 --> 00:09:29,110  
familiar of friends of science in

205  
00:09:25,759 --> 00:09:31,669  
medicine and it was due to them

206  
00:09:29,110 --> 00:09:34,100  
following them on online and I encourage

207  
00:09:31,669 --> 00:09:36,979  
everybody to do so that I caught up or

208  
00:09:34,100 --> 00:09:39,740  
brought to my attention a story now what

209  
00:09:36,980 --> 00:09:41,750  
you're concerned about apart from

210  
00:09:39,740 --> 00:09:43,310  
everything else right now is the group

211  
00:09:41,750 --> 00:09:45,409  
of people we call naturopaths or

212  
00:09:43,309 --> 00:09:48,099  
naturopaths depending on where you are

213  
00:09:45,409 --> 00:09:50,838  
and there is some very interesting

214  
00:09:48,100 --> 00:09:52,470

developments concerning the naturopathic

215

00:09:50,839 --> 00:09:55,140  
situation in Canada and

216

00:09:52,470 --> 00:09:56,730  
correct me if I'm wrong I think they're

217

00:09:55,139 --> 00:10:00,090  
they're legally entitled to call

218

00:09:56,730 --> 00:10:02,370  
themselves doctors is that right yeah in

219

00:10:00,090 --> 00:10:05,340  
Ontario are it's like a lot of different

220

00:10:02,370 --> 00:10:07,110  
places our health care is managed on the

221

00:10:05,340 --> 00:10:11,100  
provincial level not the federal level

222

00:10:07,110 --> 00:10:12,600  
and the regulation of naturopaths kind

223

00:10:11,100 --> 00:10:16,620  
of depends on what province here in

224

00:10:12,600 --> 00:10:19,830  
Ontario starting as far back really as

225

00:10:16,620 --> 00:10:22,529  
the 19 in the 1980s there's been a drive

226

00:10:19,830 --> 00:10:24,780  
to expand the regulation of lots of

227

00:10:22,529 --> 00:10:26,189  
different health professions and the

228

00:10:24,779 --> 00:10:28,589  
natural paths were right have been on



229  
00:10:26,190 --> 00:10:33,890  
board right since we started to reform

230  
00:10:28,590 --> 00:10:36,120  
health care in Ontario and in 2007

231  
00:10:33,889 --> 00:10:39,960  
naturopaths actually gained the ability

232  
00:10:36,120 --> 00:10:41,429  
to be self regulated so before then they

233  
00:10:39,960 --> 00:10:44,220  
had actually been regulated as far back

234  
00:10:41,429 --> 00:10:46,259  
as 1925 there was a natural op of the

235  
00:10:44,220 --> 00:10:48,509  
act or the what was called the drugless

236  
00:10:46,259 --> 00:10:50,159  
practitioners Act which had under its

237  
00:10:48,509 --> 00:10:52,500  
umbrella lots of different people

238  
00:10:50,159 --> 00:10:55,559  
including naturopaths and chiropractors

239  
00:10:52,500 --> 00:11:00,149  
and that got updated when we started to

240  
00:10:55,559 --> 00:11:03,809  
manage or to regulate controlled ax

241  
00:11:00,149 --> 00:11:05,490  
instead of professions and naturopaths

242  
00:11:03,809 --> 00:11:06,659  
you know join the bandwagon and managed

243  
00:11:05,490 --> 00:11:08,009  
to convince our government to actually

244  
00:11:06,659 --> 00:11:09,329  
give them their own College this has

245  
00:11:08,009 --> 00:11:11,879  
actually occurred in couple other

246  
00:11:09,330 --> 00:11:14,100  
provinces in Alberta and in budget

247  
00:11:11,879 --> 00:11:15,210  
Columbia as well so they are self

248  
00:11:14,100 --> 00:11:17,279  
regulated the story of taking

249  
00:11:15,210 --> 00:11:18,660  
registrants just in this past year took

250  
00:11:17,279 --> 00:11:20,850  
them a while to get the college up and

251  
00:11:18,659 --> 00:11:22,319  
running but yes they do have their own

252  
00:11:20,850 --> 00:11:23,790  
governance just like doctors they are

253  
00:11:22,320 --> 00:11:24,570  
call allowed to call themselves in

254  
00:11:23,789 --> 00:11:27,120  
Ontario they're allowed to call

255  
00:11:24,570 --> 00:11:28,710  
themselves naturopathic doctors the

256  
00:11:27,120 --> 00:11:30,990  
province stops short and allowing them

257

00:11:28,710 --> 00:11:33,210  
to practice naturopathic medicine they

258  
00:11:30,990 --> 00:11:35,490  
actually are just called able to put two

259  
00:11:33,210 --> 00:11:37,800  
to communicate a naturopathic diagnosis

260  
00:11:35,490 --> 00:11:40,289  
but so they're they're fully self

261  
00:11:37,799 --> 00:11:42,179  
regulated and and really being held

262  
00:11:40,289 --> 00:11:44,279  
accountable by our provincial government

263  
00:11:42,179 --> 00:11:48,000  
as we speak that's good to know because

264  
00:11:44,279 --> 00:11:50,519  
this is what the the thrust of this item

265  
00:11:48,000 --> 00:11:53,220  
I saw is all about now it's the

266  
00:11:50,519 --> 00:11:56,460  
regulatory system in Ontario we can look

267  
00:11:53,220 --> 00:11:58,769  
at that now it comes down to looking at

268  
00:11:56,460 --> 00:12:01,139  
what the netra paths put out by way of

269  
00:11:58,769 --> 00:12:04,289  
their advertising their flyers on their

270  
00:12:01,139 --> 00:12:06,269  
websites and there was a very concerning

271  
00:12:04,289 --> 00:12:10,259

statistic I saw

272

00:12:06,269 --> 00:12:15,210

like out of 300 of these people almost

273

00:12:10,259 --> 00:12:17,129

half of them are in breach yeah there is

274

00:12:15,210 --> 00:12:19,320

a a great reporter from a national

275

00:12:17,129 --> 00:12:20,909

newspaper called the global mail here in

276

00:12:19,320 --> 00:12:24,570

Canada who did an investigation she's

277

00:12:20,909 --> 00:12:27,449

been a real supporter of of

278

00:12:24,570 --> 00:12:30,900

evidence-based practice and of and I'm

279

00:12:27,450 --> 00:12:32,570

really holding fringe and alternative

280

00:12:30,899 --> 00:12:34,949

medicine practitioners accountable and

281

00:12:32,570 --> 00:12:36,480

Carly weeks put together an

282

00:12:34,950 --> 00:12:41,100

investigation where she looked at the

283

00:12:36,480 --> 00:12:42,960

websites of 300 Toronto naturopaths

284

00:12:41,100 --> 00:12:44,879

they're probably at this point there's

285

00:12:42,960 --> 00:12:46,910

probably close to seven or eight hundred

286  
00:12:44,879 --> 00:12:49,080  
natural paths licensed in Ontario

287  
00:12:46,909 --> 00:12:52,289  
probably even more than that maybe close

288  
00:12:49,080 --> 00:12:55,800  
to a thousand and she wanted to find out

289  
00:12:52,289 --> 00:12:58,199  
if they were actually adhering to the

290  
00:12:55,799 --> 00:12:59,039  
standards set by their own College and

291  
00:12:58,200 --> 00:13:00,840  
there is a standard called the

292  
00:12:59,039 --> 00:13:03,360  
advertising standard which said so quite

293  
00:13:00,840 --> 00:13:05,910  
explicitly that you're not you're not

294  
00:13:03,360 --> 00:13:08,970  
actually supposed to claim any ability

295  
00:13:05,909 --> 00:13:11,339  
to cure or any or diagnose any disease

296  
00:13:08,970 --> 00:13:12,570  
on your website obviously they have

297  
00:13:11,340 --> 00:13:13,649  
their own scope of practice that they

298  
00:13:12,570 --> 00:13:15,990  
have to adhere to but they have very

299  
00:13:13,649 --> 00:13:18,509  
clear advertising standards and she

300  
00:13:15,990 --> 00:13:19,980  
found that half of the 300 websites that

301  
00:13:18,509 --> 00:13:23,279  
she investigated were in breach the

302  
00:13:19,980 --> 00:13:25,080  
college colleges rules it's quite it's

303  
00:13:23,279 --> 00:13:27,899  
not surprising at all before they were

304  
00:13:25,080 --> 00:13:29,850  
regulated you know it is kind of a wild

305  
00:13:27,899 --> 00:13:32,490  
west and naturopaths are kind of

306  
00:13:29,850 --> 00:13:34,769  
notorious you know it's about as well as

307  
00:13:32,490 --> 00:13:36,180  
homeopaths for that matter for making

308  
00:13:34,769 --> 00:13:41,699  
wild claims that are really kind of

309  
00:13:36,179 --> 00:13:43,199  
unsupportable by science and the this

310  
00:13:41,700 --> 00:13:46,140  
was what Carly beaks found in this

311  
00:13:43,200 --> 00:13:49,800  
investigation the some of the examples

312  
00:13:46,139 --> 00:13:53,120  
of course that she found included

313  
00:13:49,799 --> 00:13:56,939  
somebody offering bogus thermography 22

314

00:13:53,120 --> 00:13:59,940  
in replacement for mammograms you know

315  
00:13:56,940 --> 00:14:02,220  
breast cancer is a very important

316  
00:13:59,940 --> 00:14:04,170  
medical problem that we're we're trying

317  
00:14:02,220 --> 00:14:06,090  
to deal with and getting into the way by

318  
00:14:04,169 --> 00:14:09,029  
offering a false diagnosis is really

319  
00:14:06,090 --> 00:14:10,230  
quite despicable of course the flu

320  
00:14:09,029 --> 00:14:11,730  
season you guys are just getting done

321  
00:14:10,230 --> 00:14:14,820  
your flu season down in Australia but up

322  
00:14:11,730 --> 00:14:17,070  
here it's just strike amp up so everyone

323  
00:14:14,820 --> 00:14:18,899  
likes to trick the flu and naturopaths

324  
00:14:17,070 --> 00:14:20,879  
are no different and

325  
00:14:18,899 --> 00:14:22,619  
no they're right on board with the

326  
00:14:20,879 --> 00:14:26,009  
offering alternatives to flu

327  
00:14:22,619 --> 00:14:27,269  
vaccinations and treatment and again

328  
00:14:26,009 --> 00:14:28,499

this is all in contravention of the

329

00:14:27,269 --> 00:14:31,049

advertising standards you can't offer

330

00:14:28,499 --> 00:14:32,369

these kind of cures on your website you

331

00:14:31,049 --> 00:14:35,609

know other things include button and see

332

00:14:32,369 --> 00:14:37,350

Oh dosing and cures for dementia things

333

00:14:35,610 --> 00:14:41,100

like that so they were really in breach

334

00:14:37,350 --> 00:14:42,720

and it's quite clear that no they just

335

00:14:41,100 --> 00:14:44,249

got registered in the last year that

336

00:14:42,720 --> 00:14:46,379

just signed up so you know maybe people

337

00:14:44,249 --> 00:14:47,428

have to update their websites I know as

338

00:14:46,379 --> 00:14:48,480

someone who runs a website it's

339

00:14:47,428 --> 00:14:49,948

difficult to keep on top of things

340

00:14:48,480 --> 00:14:52,110

sometimes but you know when you're being

341

00:14:49,948 --> 00:14:54,769

licensed you have a responsibility to

342

00:14:52,110 --> 00:14:57,178

communicate with the public



343  
00:14:54,769 --> 00:15:00,089  
appropriately and obviously they haven't

344  
00:14:57,178 --> 00:15:02,490  
set this as a high priority as half of

345  
00:15:00,089 --> 00:15:05,160  
them are in violation well you know what

346  
00:15:02,490 --> 00:15:08,339  
it's an interesting thing because and we

347  
00:15:05,159 --> 00:15:09,778  
get the same sort of event happening

348  
00:15:08,339 --> 00:15:11,670  
here in Australia with a group called

349  
00:15:09,778 --> 00:15:13,740  
homeopathy plus who were a couple of

350  
00:15:11,669 --> 00:15:16,409  
years ago taken to the court by the

351  
00:15:13,740 --> 00:15:18,899  
government and find a huge amount of

352  
00:15:16,409 --> 00:15:20,938  
money because when it boils down to it

353  
00:15:18,899 --> 00:15:22,948  
what these people do i'm sure and i'm

354  
00:15:20,938 --> 00:15:26,219  
sure the situation is the same in canada

355  
00:15:22,948 --> 00:15:28,769  
is they sincerely believe in the

356  
00:15:26,220 --> 00:15:31,920  
remedies or the modalities they're

357  
00:15:28,769 --> 00:15:34,438  
pushing that's why they're so happy or

358  
00:15:31,919 --> 00:15:35,759  
they're so unconcerned about advertising

359  
00:15:34,438 --> 00:15:37,980  
these things because they sincerely

360  
00:15:35,759 --> 00:15:40,740  
believe they work like thermography for

361  
00:15:37,980 --> 00:15:43,319  
breast screening and so on and this

362  
00:15:40,740 --> 00:15:46,769  
really rings true when we discover that

363  
00:15:43,318 --> 00:15:49,558  
there are some people even making claims

364  
00:15:46,769 --> 00:15:51,688  
about cancer and vitamin c over there

365  
00:15:49,558 --> 00:15:53,458  
now you don't do these things to try and

366  
00:15:51,688 --> 00:15:54,539  
be naughty and get away with it I think

367  
00:15:53,458 --> 00:15:57,838  
you do these things because you

368  
00:15:54,539 --> 00:15:59,068  
sincerely believe that they work yeah

369  
00:15:57,839 --> 00:16:01,410  
that's absolutely true for the pro from

370  
00:15:59,068 --> 00:16:03,899  
the practitioners point of view I mean

371

00:16:01,409 --> 00:16:06,058  
it's it's once you become under what's

372  
00:16:03,899 --> 00:16:08,578  
become publicly or excuse me

373  
00:16:06,058 --> 00:16:11,730  
provincially regulated there is a higher

374  
00:16:08,578 --> 00:16:15,469  
standard and when it comes to important

375  
00:16:11,730 --> 00:16:19,519  
public health things like vaccinations

376  
00:16:15,470 --> 00:16:21,449  
the province comes down pretty hard on

377  
00:16:19,519 --> 00:16:23,068  
Colleges when they can try to

378  
00:16:21,448 --> 00:16:24,688  
communicate their messages for example

379  
00:16:23,068 --> 00:16:28,860  
in the case of naturopaths they are

380  
00:16:24,688 --> 00:16:30,870  
prohibited from having any kind of

381  
00:16:28,860 --> 00:16:32,789  
anti-vaccination message on their

382  
00:16:30,870 --> 00:16:34,440  
websites the the college itself

383  
00:16:32,789 --> 00:16:36,240  
has a very firm policy and I'm quoting

384  
00:16:34,440 --> 00:16:37,740  
the article now that says quote there

385  
00:16:36,240 --> 00:16:40,139

are no known alternatives to

386

00:16:37,740 --> 00:16:42,810

vaccinations and no and a member should

387

00:16:40,139 --> 00:16:45,059

offer no alternative therapy that's very

388

00:16:42,809 --> 00:16:47,909

clear unequivocal of course we've had a

389

00:16:45,059 --> 00:16:50,939

problem here in Canada and and actually

390

00:16:47,909 --> 00:16:54,449

I'm sure you guys have in in Australia

391

00:16:50,940 --> 00:16:56,550

with with the doctor Goldman golden dr.

392

00:16:54,450 --> 00:16:59,100

golden who is offering homie a

393

00:16:56,549 --> 00:17:01,919

prophylaxis right dr. isaac golden youth

394

00:16:59,100 --> 00:17:03,060

dr. yeah dr. isaac goin he and we have

395

00:17:01,919 --> 00:17:04,500

their apprentice a practitioner in the

396

00:17:03,059 --> 00:17:07,019

US as well as been offering these things

397

00:17:04,500 --> 00:17:08,849

well there they happen they sell no

398

00:17:07,019 --> 00:17:10,559

sodes homeopathic know so it's in Canada

399

00:17:08,849 --> 00:17:12,869

as well that science watch was on the

400  
00:17:10,559 --> 00:17:15,779  
was really on the edge on the cutting

401  
00:17:12,869 --> 00:17:17,969  
edge of doing a public campaign despite

402  
00:17:15,779 --> 00:17:21,049  
the fact that public health agencies in

403  
00:17:17,970 --> 00:17:22,769  
BC and Alberta as well as different

404  
00:17:21,049 --> 00:17:25,259  
professional organizations have been

405  
00:17:22,769 --> 00:17:27,079  
calling on the government to ban or two

406  
00:17:25,259 --> 00:17:29,129  
to label these products as not

407  
00:17:27,079 --> 00:17:30,929  
alternatives to vaccination finally bad

408  
00:17:29,130 --> 00:17:33,150  
science watch sort of pushed the push

409  
00:17:30,930 --> 00:17:37,410  
the a idea over the edge and we got the

410  
00:17:33,150 --> 00:17:38,700  
we got the labels changed but that

411  
00:17:37,410 --> 00:17:42,000  
doesn't stop them from keeping to

412  
00:17:38,700 --> 00:17:44,580  
keeping making these claims and once

413  
00:17:42,000 --> 00:17:48,480  
again we see the college really holding

414  
00:17:44,579 --> 00:17:50,789  
up a very important pillar in public

415  
00:17:48,480 --> 00:17:52,230  
health that of promoting vaccinations

416  
00:17:50,789 --> 00:17:54,599  
and their members are really just

417  
00:17:52,230 --> 00:17:57,029  
ignoring it the for many years it's

418  
00:17:54,599 --> 00:18:01,289  
funny when I get involved in science

419  
00:17:57,029 --> 00:18:02,609  
advocacy uh in late 2000s 2008-2009 this

420  
00:18:01,289 --> 00:18:03,869  
the idea of a naturopathic and

421  
00:18:02,609 --> 00:18:06,359  
homeopathic college had already been

422  
00:18:03,869 --> 00:18:08,369  
done they were done you know in 2007

423  
00:18:06,359 --> 00:18:10,919  
when they passed the act but everyone

424  
00:18:08,369 --> 00:18:12,899  
was everybody knows who I was call these

425  
00:18:10,920 --> 00:18:14,670  
with we're just up in arms of how could

426  
00:18:12,900 --> 00:18:17,040  
we how could we give these people

427  
00:18:14,670 --> 00:18:18,990  
legitimacy you know having a college

428

00:18:17,039 --> 00:18:22,379  
basically gives you the stamp of

429  
00:18:18,990 --> 00:18:24,359  
approval from in the public's eye at

430  
00:18:22,380 --> 00:18:25,830  
least from the province and certainly

431  
00:18:24,359 --> 00:18:26,759  
the organizations that represented the

432  
00:18:25,829 --> 00:18:28,619  
professional organizations that

433  
00:18:26,759 --> 00:18:30,420  
represent naturopaths and homeopaths

434  
00:18:28,619 --> 00:18:32,189  
their idea was to get legitimacy through

435  
00:18:30,420 --> 00:18:33,630  
college that's why they wanted it now a

436  
00:18:32,190 --> 00:18:35,519  
college doesn't exist to give anybody

437  
00:18:33,630 --> 00:18:38,160  
legitimacy it exists to protect the

438  
00:18:35,519 --> 00:18:43,710  
public that's its number one and really

439  
00:18:38,160 --> 00:18:46,140  
sole purpose and they should be aware

440  
00:18:43,710 --> 00:18:47,759  
that the college is not going

441  
00:18:46,140 --> 00:18:49,140  
stop from protecting the public when

442  
00:18:47,759 --> 00:18:54,960

they make these kind of dubious claims

443

00:18:49,140 --> 00:18:57,800

and even though we cringe at the thought

444

00:18:54,960 --> 00:19:00,390

of any kind of legitimacy given to these

445

00:18:57,799 --> 00:19:03,119

professions because of their lack of any

446

00:19:00,390 --> 00:19:05,850

kind of scientific basis this these

447

00:19:03,119 --> 00:19:09,169

colleges I'm convinced or have a hidden

448

00:19:05,849 --> 00:19:11,730

blessing and that's that they are a

449

00:19:09,170 --> 00:19:13,830

physical body that we can go to and make

450

00:19:11,730 --> 00:19:15,779

these kind of complaints too and they

451

00:19:13,829 --> 00:19:17,730

have a they're accountable the province

452

00:19:15,779 --> 00:19:20,180

this happened with our physicians

453

00:19:17,730 --> 00:19:23,039

college here in Ontario there was some

454

00:19:20,180 --> 00:19:24,450

not malfeasance but the the the college

455

00:19:23,039 --> 00:19:25,920

had not been run well for a couple years

456

00:19:24,450 --> 00:19:30,330

and the province stepped in and took



457  
00:19:25,920 --> 00:19:31,470  
over and they started until the the

458  
00:19:30,329 --> 00:19:33,569  
College of Physicians could get their

459  
00:19:31,470 --> 00:19:36,839  
act together this was several years ago

460  
00:19:33,569 --> 00:19:38,159  
10 10 or 15 years ago well the

461  
00:19:36,839 --> 00:19:41,069  
physicians got their act together the

462  
00:19:38,160 --> 00:19:46,920  
province took over and I am sure that if

463  
00:19:41,069 --> 00:19:48,839  
the College cannot properly maintained

464  
00:19:46,920 --> 00:19:51,840  
or licensed their members then the

465  
00:19:48,839 --> 00:19:54,839  
province will have no recourse but to

466  
00:19:51,839 --> 00:19:56,250  
step in and say now hold on a second you

467  
00:19:54,839 --> 00:19:59,159  
have to stop this practice and start

468  
00:19:56,250 --> 00:20:00,839  
discipline people for this and they're

469  
00:19:59,160 --> 00:20:03,150  
going to find that registration and

470  
00:20:00,839 --> 00:20:04,799  
licensure is not all it's cracked up to

471  
00:20:03,150 --> 00:20:06,690  
be it's not about getting legitimacy

472  
00:20:04,799 --> 00:20:09,480  
it's about protecting the public and I

473  
00:20:06,690 --> 00:20:11,789  
guess we can imagine why in this sort of

474  
00:20:09,480 --> 00:20:14,400  
situation generally speaking conspiracy

475  
00:20:11,789 --> 00:20:15,980  
theory start to creep in because as we

476  
00:20:14,400 --> 00:20:18,060  
said before a lot of these people

477  
00:20:15,980 --> 00:20:19,980  
sincerely believe in what they're doing

478  
00:20:18,059 --> 00:20:21,690  
they believe that homeopathy is better

479  
00:20:19,980 --> 00:20:24,750  
than vaccination they believe of

480  
00:20:21,690 --> 00:20:28,320  
demography is better than breast

481  
00:20:24,750 --> 00:20:29,970  
screening so when when the opponents

482  
00:20:28,319 --> 00:20:33,029  
like yourself or even government

483  
00:20:29,970 --> 00:20:35,400  
agencies pointing out that this isn't

484  
00:20:33,029 --> 00:20:37,349  
the case rather than accept that

485

00:20:35,400 --> 00:20:40,080  
evidence they will still cling to their

486  
00:20:37,349 --> 00:20:42,089  
beliefs and then start to see obviously

487  
00:20:40,079 --> 00:20:44,549  
there must be a conspiracy to stop these

488  
00:20:42,089 --> 00:20:46,259  
natural therapies and the government

489  
00:20:44,549 --> 00:20:50,149  
must be in the pocket of big farmer and

490  
00:20:46,259 --> 00:20:52,259  
it creates a big big feedback loop

491  
00:20:50,150 --> 00:20:55,769  
certainly and that's not an unreceptive

492  
00:20:52,259 --> 00:20:56,940  
idea to the public there's a firm you

493  
00:20:55,769 --> 00:20:59,099  
know part of the reason that we've had a

494  
00:20:56,940 --> 00:21:02,669  
rise in the

495  
00:20:59,099 --> 00:21:03,599  
in the support for Complementary so

496  
00:21:02,669 --> 00:21:06,570  
called complementary and alternative

497  
00:21:03,599 --> 00:21:09,480  
medicine in the past 15-20 years is this

498  
00:21:06,569 --> 00:21:12,029  
idea that we've been led down the garden

499  
00:21:09,480 --> 00:21:13,558

path or where that meant that physicians

500

00:21:12,029 --> 00:21:16,139

were in the pocket a big pharma and just

501

00:21:13,558 --> 00:21:19,678

want to push drugs you know if it's the

502

00:21:16,140 --> 00:21:21,419

drug pushing problem if drug pushing is

503

00:21:19,679 --> 00:21:23,880

that is the problem that a public sees I

504

00:21:21,419 --> 00:21:25,380

mean all you have to do is compare how

505

00:21:23,880 --> 00:21:27,539

many times you visit the physician in a

506

00:21:25,380 --> 00:21:30,210

year to update your your prescriptions

507

00:21:27,538 --> 00:21:31,589

and how often you leave versus how often

508

00:21:30,210 --> 00:21:33,029

you leave the naturopaths office with a

509

00:21:31,589 --> 00:21:34,288

basket of goodies I mean you can't walk

510

00:21:33,029 --> 00:21:35,849

out of a naturopath office without

511

00:21:34,288 --> 00:21:37,919

getting a prescription for six different

512

00:21:35,849 --> 00:21:39,480

supplements and this therapy and that

513

00:21:37,919 --> 00:21:40,950

therapy like there's not a therapy they

514  
00:21:39,480 --> 00:21:43,950  
even heard of they would prescribe right

515  
00:21:40,950 --> 00:21:45,630  
yeah plus most of them have their own a

516  
00:21:43,950 --> 00:21:48,150  
lot of them have their own pharmacies

517  
00:21:45,630 --> 00:21:51,659  
within their practice yeah yeah this is

518  
00:21:48,150 --> 00:21:53,280  
a big front that's that's the old would

519  
00:21:51,659 --> 00:21:55,020  
we call that the oldest and by we've

520  
00:21:53,279 --> 00:21:58,019  
seen that many times before and you see

521  
00:21:55,019 --> 00:21:59,730  
that when one visits a mind body spirit

522  
00:21:58,019 --> 00:22:02,819  
as we call that mind-body wallet

523  
00:21:59,730 --> 00:22:05,640  
festival you have your iridology done or

524  
00:22:02,819 --> 00:22:07,408  
your whatever tests they do and right

525  
00:22:05,640 --> 00:22:10,950  
there next to them on the counter on the

526  
00:22:07,409 --> 00:22:13,620  
shelf I is the the cure by this bottle

527  
00:22:10,950 --> 00:22:14,730  
yeah yeah absolutely I mean that's one

528  
00:22:13,619 --> 00:22:16,319  
of the things that bad signs what is

529  
00:22:14,730 --> 00:22:18,089  
also doing is trying to hold the

530  
00:22:16,319 --> 00:22:21,359  
government accountable for the approval

531  
00:22:18,089 --> 00:22:23,788  
of these of these products because if

532  
00:22:21,359 --> 00:22:25,259  
they can't be sold in Canada then you

533  
00:22:23,788 --> 00:22:28,500  
can't then the natural path can't

534  
00:22:25,259 --> 00:22:30,480  
prescribe them so well we really can't

535  
00:22:28,500 --> 00:22:32,429  
do much about the scope of practice of a

536  
00:22:30,480 --> 00:22:34,349  
natural path that has been I mean we

537  
00:22:32,429 --> 00:22:36,570  
well we railed about this I I did some

538  
00:22:34,349 --> 00:22:39,538  
research into this university there

539  
00:22:36,569 --> 00:22:41,460  
there's a very long tradition or very

540  
00:22:39,538 --> 00:22:43,109  
it's been a very long game to get

541  
00:22:41,460 --> 00:22:44,460  
natural paths and homeopaths regulated

542

00:22:43,109 --> 00:22:45,959  
Ontario and that's not something we're

543  
00:22:44,460 --> 00:22:47,610  
going to get in front of but what we can

544  
00:22:45,960 --> 00:22:49,829  
do is we cannot we can ask the

545  
00:22:47,609 --> 00:22:51,418  
government to be accountable to the

546  
00:22:49,829 --> 00:22:52,798  
safety of Canadians by the way they

547  
00:22:51,419 --> 00:22:55,049  
regulate these products and I and I'm

548  
00:22:52,798 --> 00:22:56,129  
very happy to announce that today just

549  
00:22:55,048 --> 00:22:58,589  
did starting today on this number

550  
00:22:56,130 --> 00:23:00,809  
seventh they have released for public

551  
00:22:58,589 --> 00:23:03,658  
consultation new framework for the

552  
00:23:00,808 --> 00:23:06,389  
approval of natural health products and

553  
00:23:03,659 --> 00:23:08,760  
I mean I'll give you an example to this

554  
00:23:06,390 --> 00:23:12,630  
day the only product that cannot be

555  
00:23:08,759 --> 00:23:13,920  
recalled in Canada mandatorily of

556  
00:23:12,630 --> 00:23:16,110

the only product we cannot have a

557

00:23:13,920 --> 00:23:18,120

mandatory recall foreigner in Canada is

558

00:23:16,109 --> 00:23:20,339

natural health products you can recall

559

00:23:18,119 --> 00:23:22,739

every other consumer product meant but

560

00:23:20,339 --> 00:23:24,059

you cannot recall and that was in we had

561

00:23:22,740 --> 00:23:26,880

a legislation update a couple years ago

562

00:23:24,059 --> 00:23:28,919

called Vanessa's law which had a

563

00:23:26,880 --> 00:23:32,480

much-needed update to the laws that

564

00:23:28,920 --> 00:23:34,830

govern pharmaceuticals increasing the

565

00:23:32,480 --> 00:23:38,490

increasing the fines and and as well

566

00:23:34,829 --> 00:23:40,289

making mandatory recall a possibility

567

00:23:38,490 --> 00:23:42,480

but what they put into the law was a

568

00:23:40,289 --> 00:23:45,750

very specific exemption for natural

569

00:23:42,480 --> 00:23:47,640

health products that they are not the

570

00:23:45,750 --> 00:23:49,230

only product that is not covered under



571  
00:23:47,640 --> 00:23:51,300  
this legislation and that was because of

572  
00:23:49,230 --> 00:23:53,339  
the lobbyists from the organizations

573  
00:23:51,299 --> 00:23:54,720  
that sell natural health products they

574  
00:23:53,339 --> 00:23:57,659  
didn't want more regulation they didn't

575  
00:23:54,720 --> 00:24:00,900  
want to have to be under the the keen

576  
00:23:57,660 --> 00:24:02,970  
eye of the minister and nor do they want

577  
00:24:00,900 --> 00:24:05,550  
to have to go through the process of a

578  
00:24:02,970 --> 00:24:08,819  
recall if they put out a substandard and

579  
00:24:05,549 --> 00:24:10,799  
inadequate product and so the good thing

580  
00:24:08,819 --> 00:24:12,509  
is there's a new licensing frame with

581  
00:24:10,799 --> 00:24:14,329  
being put it for public consultation

582  
00:24:12,509 --> 00:24:16,440  
it's got science written all over it I

583  
00:24:14,329 --> 00:24:18,569  
think I have a feeling we're going to be

584  
00:24:16,440 --> 00:24:20,130  
going towards a labeling system like you

585  
00:24:18,569 --> 00:24:21,389  
correct me if I'm wrong but you guys

586  
00:24:20,130 --> 00:24:24,000  
haven't known in Australia that says

587  
00:24:21,390 --> 00:24:26,430  
this product has not been tested for

588  
00:24:24,000 --> 00:24:28,529  
efficacy and you're not going to be able

589  
00:24:26,430 --> 00:24:30,150  
to make claims for cure or diagnosis

590  
00:24:28,529 --> 00:24:31,950  
with your products anymore they're going

591  
00:24:30,150 --> 00:24:34,950  
to be very tightly controlled if they

592  
00:24:31,950 --> 00:24:36,870  
are if you have no evidence so we're

593  
00:24:34,950 --> 00:24:38,490  
looking forward to consulting on that or

594  
00:24:36,869 --> 00:24:40,759  
one of our consultation committees is

595  
00:24:38,490 --> 00:24:44,370  
putting together a public consultation

596  
00:24:40,759 --> 00:24:46,079  
that is due October the 24th anybody can

597  
00:24:44,369 --> 00:24:49,619  
consult if you go to we'll have a

598  
00:24:46,079 --> 00:24:51,149  
website available that will put out on

599

00:24:49,619 --> 00:24:52,949  
our facebook page and if you go to

600  
00:24:51,150 --> 00:24:54,540  
health canada to the national the non

601  
00:24:52,950 --> 00:24:55,920  
prescription and natural health products

602  
00:24:54,539 --> 00:24:57,589  
directorates they'll have a link of the

603  
00:24:55,920 --> 00:25:00,360  
public consultation anyone can consult

604  
00:24:57,589 --> 00:25:02,099  
we meet more people who are

605  
00:25:00,359 --> 00:25:04,289  
science-minded who believe in science

606  
00:25:02,099 --> 00:25:05,549  
based policy and decision making to

607  
00:25:04,289 --> 00:25:07,529  
actually tell the government that they

608  
00:25:05,549 --> 00:25:10,559  
want these products regulated that they

609  
00:25:07,529 --> 00:25:13,019  
want you know stronger more

610  
00:25:10,559 --> 00:25:14,339  
science-based regulations and I think

611  
00:25:13,019 --> 00:25:15,509  
we're moving in the right direction and

612  
00:25:14,339 --> 00:25:17,339  
this has been because of the pressure

613  
00:25:15,509 --> 00:25:20,720

that groups like bad science watch and

614

00:25:17,339 --> 00:25:22,799

some great work by our national press

615

00:25:20,720 --> 00:25:25,680

CBC the Canadian Broadcasting

616

00:25:22,799 --> 00:25:26,460

Corporation put out a couple with the

617

00:25:25,680 --> 00:25:27,870

kind of damning

618

00:25:26,460 --> 00:25:29,009

reports in the past couple years about

619

00:25:27,869 --> 00:25:32,579

the regulation of natural health

620

00:25:29,009 --> 00:25:34,589

products and I think it it hit home so I

621

00:25:32,579 --> 00:25:36,000

think we're looking at better regulation

622

00:25:34,589 --> 00:25:37,859

and we have to keep the government's

623

00:25:36,000 --> 00:25:40,470

feet to the fire and the and the

624

00:25:37,859 --> 00:25:42,509

regulatory system accountable to the

625

00:25:40,470 --> 00:25:44,430

safety of Canadians sounds like a good

626

00:25:42,509 --> 00:25:47,400

idea and yes it goes folks in Australia

627

00:25:44,430 --> 00:25:48,930

we have the system when you go into a

628  
00:25:47,400 --> 00:25:50,700  
pharmacy and you look at for the

629  
00:25:48,930 --> 00:25:56,490  
medicine on the shelf it'll either say a

630  
00:25:50,700 --> 00:26:00,299  
you stl or a you str L stands for listed

631  
00:25:56,490 --> 00:26:01,380  
& R stands for for regulated I think I'd

632  
00:26:00,299 --> 00:26:04,919  
have to check that one up but

633  
00:26:01,380 --> 00:26:07,350  
nevertheless and if something says L

634  
00:26:04,920 --> 00:26:10,440  
asked I it means that it hasn't

635  
00:26:07,349 --> 00:26:13,349  
necessarily been tested for efficacy or

636  
00:26:10,440 --> 00:26:15,390  
effectiveness or it probably doesn't

637  
00:26:13,349 --> 00:26:17,009  
work so always stick to the OSTAR that's

638  
00:26:15,390 --> 00:26:18,600  
what we tell people well Michael great

639  
00:26:17,009 --> 00:26:22,650  
to catch up with you where can people go

640  
00:26:18,599 --> 00:26:24,419  
to the main bad science watch website so

641  
00:26:22,650 --> 00:26:26,100  
we're available at bad science watch dot

642  
00:26:24,420 --> 00:26:27,810  
CA that's where we keep all our

643  
00:26:26,099 --> 00:26:29,219  
information of course we're on facebook

644  
00:26:27,809 --> 00:26:30,779  
and twitter as well you can search first

645  
00:26:29,220 --> 00:26:32,160  
there but if you want to get a hold of

646  
00:26:30,779 --> 00:26:34,259  
us there's a contact mixer you can

647  
00:26:32,160 --> 00:26:37,560  
always email us at info at bad science

648  
00:26:34,259 --> 00:26:39,299  
watch CA but the website is where we do

649  
00:26:37,559 --> 00:26:40,769  
most of our business and we're looking

650  
00:26:39,299 --> 00:26:42,809  
for volunteers we're looking for

651  
00:26:40,769 --> 00:26:44,910  
certainly donors I mean this costs money

652  
00:26:42,809 --> 00:26:47,069  
and we have to get the organization

653  
00:26:44,910 --> 00:26:48,600  
running and if we want to expand and

654  
00:26:47,069 --> 00:26:50,819  
keep the government accountable we need

655  
00:26:48,599 --> 00:26:53,699  
everyone's support so go to bad science

656

00:26:50,819 --> 00:26:55,529  
watch CA for more information there's

657  
00:26:53,700 --> 00:26:57,569  
the tip folks if you're in Canada I I

658  
00:26:55,529 --> 00:26:59,160  
sincerely encourage you to have a look

659  
00:26:57,569 --> 00:27:01,679  
at that website and see if you can help

660  
00:26:59,160 --> 00:27:04,470  
or if you have friends and family in

661  
00:27:01,680 --> 00:27:07,200  
Canada then I think they would be well

662  
00:27:04,470 --> 00:27:08,730  
advised to visit that site too well once

663  
00:27:07,200 --> 00:27:10,980  
again Michael great to catch up with you

664  
00:27:08,730 --> 00:27:13,980  
I think we do this about every year just

665  
00:27:10,980 --> 00:27:15,480  
to see how things are going and well I

666  
00:27:13,980 --> 00:27:17,250  
look forward to catching up with you if

667  
00:27:15,480 --> 00:27:20,220  
not in person then on the skipping zone

668  
00:27:17,250 --> 00:27:21,329  
probably in about a year's time that's

669  
00:27:20,220 --> 00:27:22,740  
great thank you so much for sure and

670  
00:27:21,329 --> 00:27:24,960

thank you for the for the work you do

671

00:27:22,740 --> 00:27:45,269

it's really important

672

00:27:24,960 --> 00:27:47,100

I toss a coin hundred times and I'm

673

00:27:45,269 --> 00:27:49,710

allowed to withhold from you the ISIS

674

00:27:47,099 --> 00:27:52,230

half the times then I can convince you

675

00:27:49,710 --> 00:27:55,019

that I have a coin with two heads okay

676

00:27:52,230 --> 00:27:56,669

if we remove half of the data we can

677

00:27:55,019 --> 00:27:59,369

never know what the trip in effect size

678

00:27:56,669 --> 00:28:02,820

of these makes me feels we cannot make

679

00:27:59,369 --> 00:28:04,979

decisions in the absence all of the

680

00:28:02,819 --> 00:28:06,599

information in silence we don't care how

681

00:28:04,980 --> 00:28:08,099

many letters you have after your name in

682

00:28:06,599 --> 00:28:09,689

science we want to know what your

683

00:28:08,099 --> 00:28:11,369

reasons aren't for believing somehow do

684

00:28:09,690 --> 00:28:14,490

you know that something is good for us



685  
00:28:11,369 --> 00:28:17,538  
or bad for us an evening with Ben

686  
00:28:14,490 --> 00:28:20,450  
Goldacre homeopathic hucksters

687  
00:28:17,538 --> 00:28:23,099  
nonsensical naturopaths

688  
00:28:20,450 --> 00:28:25,830  
anti-intellectual anti-vaxxers slippery

689  
00:28:23,099 --> 00:28:28,379  
statisticians the journalists daring to

690  
00:28:25,829 --> 00:28:31,099  
declare meets is critically carcinogenic

691  
00:28:28,380 --> 00:28:34,169  
let's not forget fraudulent

692  
00:28:31,099 --> 00:28:35,788  
pharmaceutical firms so when the public

693  
00:28:34,169 --> 00:28:38,549  
is kept in the dark about the

694  
00:28:35,788 --> 00:28:41,369  
detrimental duplicity of these

695  
00:28:38,548 --> 00:28:42,629  
declarations how many scientists does it

696  
00:28:41,369 --> 00:28:46,019  
take to screw in a light bulb that

697  
00:28:42,630 --> 00:28:48,179  
illuminates the facts just one talk to

698  
00:28:46,019 --> 00:28:50,869  
ben goldacre shining a light in

699  
00:28:48,179 --> 00:28:53,820  
Australia and New Zealand this September

700  
00:28:50,869 --> 00:28:56,369  
an evening with a Ben Goldacre is

701  
00:28:53,819 --> 00:28:58,648  
brought to you by think ink the folks

702  
00:28:56,369 --> 00:29:01,739  
behind the Australian tours of dr. Neil

703  
00:28:58,648 --> 00:29:05,009  
deGrasse Tyson James the amazing Randi

704  
00:29:01,740 --> 00:29:06,839  
Steve Wozniak and many more Ben Goldacre

705  
00:29:05,009 --> 00:29:09,629  
will be speaking in Brisbane Melbourne

706  
00:29:06,839 --> 00:29:16,528  
Auckland and Sydney and to get your

707  
00:29:09,630 --> 00:29:19,710  
tickets visit [www](http://www) and I hope to see you

708  
00:29:16,528 --> 00:29:22,579  
at the Sydney talk on Sunday the 25th

709  
00:29:19,710 --> 00:29:22,579  
off September

710  
00:29:33,349 --> 00:29:39,619  
oh the new age what lovely new age music

711  
00:29:37,279 --> 00:29:41,329  
that is written by stefan Soyka now

712  
00:29:39,619 --> 00:29:42,769  
quite often on the show you'll hear is

713

00:29:41,329 --> 00:29:45,019  
talking about the mind-body-spirit

714  
00:29:42,769 --> 00:29:47,779  
festival what we love to call it the

715  
00:29:45,019 --> 00:29:49,519  
mind-body wallet festival well digging

716  
00:29:47,779 --> 00:29:52,038  
through the archives I discovered a

717  
00:29:49,519 --> 00:29:54,829  
video Stefan soika and I made when we

718  
00:29:52,038 --> 00:29:57,980  
were doing video reports for net FM and

719  
00:29:54,829 --> 00:30:01,699  
early internet radio station here is the

720  
00:29:57,980 --> 00:30:04,808  
audio of Stefan and I visiting the

721  
00:30:01,700 --> 00:30:07,808  
mind-body wallet festival way back in

722  
00:30:04,808 --> 00:30:07,808  
2002

723  
00:30:10,039 --> 00:30:13,700  
I'm standing at the front of the

724  
00:30:11,799 --> 00:30:15,829  
mind-body-spirit festival in darling

725  
00:30:13,700 --> 00:30:18,230  
harbour and I've come here to sort out a

726  
00:30:15,829 --> 00:30:20,359  
few of my personal issues a few health

727  
00:30:18,230 --> 00:30:23,240

problems a few mental problems and a few

728

00:30:20,359 --> 00:30:26,539

sexual problems and I'm hoping that with

729

00:30:23,240 --> 00:30:28,609

the help of a bit of body touch a bit of

730

00:30:26,539 --> 00:30:30,559

meditation bit of crystals bit of

731

00:30:28,609 --> 00:30:32,509

chanting I'm going to sort it all out at

732

00:30:30,559 --> 00:30:34,789

the mind-body-spirit festival here at

733

00:30:32,509 --> 00:30:37,700

darling harbour so what is actual haja

734

00:30:34,789 --> 00:30:39,049

therapy of therapy is a basic form to

735

00:30:37,700 --> 00:30:41,330

using the comfort privacy of your own

736

00:30:39,049 --> 00:30:42,440

home in your own barf yeah you can

737

00:30:41,329 --> 00:30:44,240

actually sit on and you get a desired

738

00:30:42,440 --> 00:30:46,730

effect but now I don't get off that the

739

00:30:44,240 --> 00:30:47,900

women do there are women do so yes what

740

00:30:46,730 --> 00:30:49,910

you've got there is actually what we

741

00:30:47,900 --> 00:30:52,640

call this bill Nina smoothie which is a

742  
00:30:49,910 --> 00:30:54,080  
special brand of fruit juice banana and

743  
00:30:52,640 --> 00:30:55,730  
then we add the spirulina to it for that

744  
00:30:54,079 --> 00:30:57,319  
extra nutritional boost do you provide

745  
00:30:55,730 --> 00:30:58,849  
the recipe for the smoothie your

746  
00:30:57,319 --> 00:31:00,829  
smoothie recipes on the back of the

747  
00:30:58,849 --> 00:31:02,179  
bottle of god yes it's on the negative

748  
00:31:00,829 --> 00:31:03,740  
model thank goodness for that because if

749  
00:31:02,180 --> 00:31:05,000  
I'm gonna get some spirulina I want to

750  
00:31:03,740 --> 00:31:07,339  
drink it in this form because it's

751  
00:31:05,000 --> 00:31:09,619  
actually very very tasty here we are at

752  
00:31:07,339 --> 00:31:12,409  
the wall of psychics here outside the

753  
00:31:09,619 --> 00:31:14,419  
tarot clairvoyant and psychic room he

754  
00:31:12,410 --> 00:31:15,769  
had mind-body-spirit festival every one

755  
00:31:14,420 --> 00:31:18,050  
of these psychics here with their

756  
00:31:15,769 --> 00:31:19,250  
credentials of what they do you can

757  
00:31:18,049 --> 00:31:20,779  
check them out and they're all

758  
00:31:19,250 --> 00:31:22,910  
categorized by color because obviously

759  
00:31:20,779 --> 00:31:24,529  
they're using different chakras to ER to

760  
00:31:22,910 --> 00:31:26,750  
use their psychic powers and then you

761  
00:31:24,529 --> 00:31:28,789  
can book them in here for a reading here

762  
00:31:26,750 --> 00:31:30,920  
today and it's amazing the similarity

763  
00:31:28,789 --> 00:31:33,049  
between this wall of psychics here and

764  
00:31:30,920 --> 00:31:35,509  
the wall of victims from the sep tember

765  
00:31:33,049 --> 00:31:37,190  
11 bombing in our new york very very

766  
00:31:35,509 --> 00:31:39,140  
similar look to the wall and the funny

767  
00:31:37,190 --> 00:31:41,660  
thing is not one of these people

768  
00:31:39,140 --> 00:31:44,810  
actually predicted the sep tember 11

769  
00:31:41,660 --> 00:31:46,759  
bombings in New York what's going on

770

00:31:44,809 --> 00:31:49,519  
here today lots of weird and wonderful

771  
00:31:46,759 --> 00:31:51,650  
things actually this interruption yep

772  
00:31:49,519 --> 00:31:53,660  
it's called the Dreamweaver dreamweaver

773  
00:31:51,650 --> 00:31:55,160  
that's a great night it is I didn't

774  
00:31:53,660 --> 00:31:56,660  
think of it but that's what the inventor

775  
00:31:55,160 --> 00:32:00,620  
calls it and it's a combination of

776  
00:31:56,660 --> 00:32:02,750  
sacred geometry yep and sound therapy so

777  
00:32:00,619 --> 00:32:03,639  
the shape is a dodecahedron which is one

778  
00:32:02,750 --> 00:32:06,430  
of the five

779  
00:32:03,640 --> 00:32:08,050  
solid love them I think I recognize this

780  
00:32:06,430 --> 00:32:13,029  
molecule as well because it looks a lot

781  
00:32:08,049 --> 00:32:14,799  
like the the cannabis molecule it's not

782  
00:32:13,029 --> 00:32:17,230  
that you on net TV that's why the

783  
00:32:14,799 --> 00:32:18,759  
specially not to inhaling yes not only

784  
00:32:17,230 --> 00:32:20,950

is this mind-body-spirit festival a

785

00:32:18,759 --> 00:32:24,759

place of enlightenment it's also a house

786

00:32:20,950 --> 00:32:28,059

of fashion this is the Batman look for

787

00:32:24,759 --> 00:32:31,240

the shin bio Health Products wear it

788

00:32:28,059 --> 00:32:33,119

anywhere and feel good sound therapy can

789

00:32:31,240 --> 00:32:35,970

you explain a bit about that certainly

790

00:32:33,119 --> 00:32:38,589

for people who have hearing damage

791

00:32:35,970 --> 00:32:41,110

problems with theory is sound therapy is

792

00:32:38,589 --> 00:32:43,269

a very therapeutic system using

793

00:32:41,109 --> 00:32:45,519

high-frequency sound yeah which goes

794

00:32:43,269 --> 00:32:46,809

directly into the ear viral walkman yeah

795

00:32:45,519 --> 00:32:49,150

and we found that that high-frequency

796

00:32:46,809 --> 00:32:51,940

sound rehabilitation we have a ninety

797

00:32:49,150 --> 00:32:54,190

percent success rate of healing tinnitus

798

00:32:51,940 --> 00:32:55,600

the other ten percent of people say that



799  
00:32:54,190 --> 00:32:58,390  
their tinnitus has been greatly reduced

800  
00:32:55,599 --> 00:33:00,009  
what's actually going on here today okay

801  
00:32:58,390 --> 00:33:02,320  
we're testing for allergies here food

802  
00:33:00,009 --> 00:33:03,519  
and environmental yeah you hold on to

803  
00:33:02,319 --> 00:33:06,579  
the rope which hooks you up to the

804  
00:33:03,519 --> 00:33:08,710  
machine yeah hey you're connected it in

805  
00:33:06,579 --> 00:33:10,750  
each individual food is then introduced

806  
00:33:08,710 --> 00:33:12,610  
it's a reading through your energy

807  
00:33:10,750 --> 00:33:14,769  
levels into the food okay you've got

808  
00:33:12,609 --> 00:33:17,589  
samples of all those different foods in

809  
00:33:14,769 --> 00:33:19,329  
exact over their tubes yeah that's

810  
00:33:17,589 --> 00:33:20,980  
pretty good the what is pranic healing

811  
00:33:19,329 --> 00:33:23,740  
I'm pranic healing is the use of

812  
00:33:20,980 --> 00:33:25,990  
universal energy where we actually

813  
00:33:23,740 --> 00:33:27,759  
access the energy and we use it to

814  
00:33:25,990 --> 00:33:29,440  
cleanse people's chakras and auras and

815  
00:33:27,759 --> 00:33:32,680  
show them a way of empowering themselves

816  
00:33:29,440 --> 00:33:34,630  
for the use of balancing their energies

817  
00:33:32,680 --> 00:33:36,430  
okay so how do you do it then how does

818  
00:33:34,630 --> 00:33:38,980  
actually work we sensitize our hands and

819  
00:33:36,430 --> 00:33:40,930  
scan quote on people's auras and chakras

820  
00:33:38,980 --> 00:33:42,610  
and by through that process we can work

821  
00:33:40,930 --> 00:33:44,140  
out if they're congested or if they're

822  
00:33:42,609 --> 00:33:46,269  
depleted and we use that process of

823  
00:33:44,140 --> 00:33:48,850  
cleansing and energizing we also use

824  
00:33:46,269 --> 00:33:51,150  
some crystals they've been programmed my

825  
00:33:48,849 --> 00:33:53,699  
chakras are all chakra doubt my aura has

826  
00:33:51,150 --> 00:33:56,380  
basically gone down the drain my

827

00:33:53,700 --> 00:33:59,830  
Kundalini has spiraled he said

828  
00:33:56,380 --> 00:34:01,030  
non-existence I've had it this is Stefan

829  
00:33:59,829 --> 00:34:04,349  
Vanetta femme

830  
00:34:01,029 --> 00:34:04,349  
here at the mind-body-spirit festival

831  
00:34:04,740 --> 00:34:09,159  
not much has changed since that report

832  
00:34:07,119 --> 00:34:12,269  
was made of the mind-body wallet but

833  
00:34:09,159 --> 00:34:15,909  
let's go back even further into the past

834  
00:34:12,269 --> 00:34:20,219  
30 years now here's a report from the

835  
00:34:15,909 --> 00:34:27,159  
ABC tv's 730 report from about 1985 or

836  
00:34:20,219 --> 00:34:29,739  
1986 about a mind body spirit but what's

837  
00:34:27,159 --> 00:34:32,050  
the festival all about the understanding

838  
00:34:29,739 --> 00:34:34,779  
of inner strengths and energies the

839  
00:34:32,050 --> 00:34:37,630  
power of crystals and pyramids or is it

840  
00:34:34,780 --> 00:34:40,269  
simply marketing to the gullible cynics

841  
00:34:37,630 --> 00:34:47,470

will welcome at day one so we sent along

842

00:34:40,269 --> 00:34:49,690

our resident skeptic Jeff Sims we are

843

00:34:47,469 --> 00:34:52,629

here they are for a new age singing

844

00:34:49,690 --> 00:34:55,630

lesson \$25 plus six dollars general

845

00:34:52,630 --> 00:34:57,190

admission great value if you're into

846

00:34:55,630 --> 00:34:59,260

this sort of thing that if you're not

847

00:34:57,190 --> 00:35:03,090

you wouldn't be here you'll get your

848

00:34:59,260 --> 00:35:03,090

money's worth okay what you

849

00:35:03,679 --> 00:35:20,719

oh boy again sorry give you a

850

00:35:17,690 --> 00:35:23,269

state-owned hopeless that's not what

851

00:35:20,719 --> 00:35:24,949

this is about the mind-body-spirit

852

00:35:23,269 --> 00:35:26,780

festival is supposed to be founded on

853

00:35:24,949 --> 00:35:29,960

hope the belief that anything is

854

00:35:26,780 --> 00:35:32,000

possible yeah we're doing breathing to

855

00:35:29,960 --> 00:35:34,460

help people regenerate their body like

856  
00:35:32,000 --> 00:35:37,309  
improve their looks and deal with

857  
00:35:34,460 --> 00:35:39,650  
varicose veins things like that here the

858  
00:35:37,309 --> 00:35:41,869  
powers of the pyramids are old hat and

859  
00:35:39,650 --> 00:35:44,599  
crystals they're full of energy and

860  
00:35:41,869 --> 00:35:49,210  
rainbows under the best things in life

861  
00:35:44,599 --> 00:35:49,210  
import duty of a rainbow

862  
00:35:50,500 --> 00:35:56,510  
in places it looks like a festival of

863  
00:35:53,510 --> 00:35:59,090  
prostration teaching legs new ways of

864  
00:35:56,510 --> 00:36:01,329  
using sleeping bags the particular

865  
00:35:59,090 --> 00:36:03,519  
points I'm working here

866  
00:36:01,329 --> 00:36:06,579  
it's releasing any tension in the

867  
00:36:03,518 --> 00:36:08,379  
intestines itself I've sort of muscular

868  
00:36:06,579 --> 00:36:10,479  
think it's an intestinal yeah it's

869  
00:36:08,380 --> 00:36:13,778  
referring through to the back of the

870  
00:36:10,478 --> 00:36:15,848  
body the message is profound it

871  
00:36:13,778 --> 00:36:19,268  
apparently takes a great mind to come up

872  
00:36:15,849 --> 00:36:22,568  
with these things be happy walk tall

873  
00:36:19,268 --> 00:36:24,639  
take it all in your stride I don't

874  
00:36:22,568 --> 00:36:27,429  
program I don't think oh I want to make

875  
00:36:24,639 --> 00:36:29,259  
love with Robert Redford but I just kind

876  
00:36:27,429 --> 00:36:31,778  
of go to sleep and just accept whatever

877  
00:36:29,259 --> 00:36:34,239  
comes is the way that I do it the lesson

878  
00:36:31,778 --> 00:36:36,099  
here is about dream lovers for six

879  
00:36:34,239 --> 00:36:39,219  
dollars for an hour-long session learn

880  
00:36:36,099 --> 00:36:42,369  
how to have safe sex by yourself while

881  
00:36:39,219 --> 00:36:44,469  
asleep what is that night the extent of

882  
00:36:42,369 --> 00:36:46,358  
the sexual experience isn't my idea of a

883  
00:36:44,469 --> 00:36:48,969  
dream lover is it can be anything from

884

00:36:46,358 --> 00:36:52,708  
just a really warm loving embrace all

885  
00:36:48,969 --> 00:36:52,708  
the way to actually orgasm

886  
00:36:53,989 --> 00:36:59,940  
learn to achieve the amazing get tennis

887  
00:36:57,358 --> 00:37:02,068  
elbow without a tennis arm and don't

888  
00:36:59,940 --> 00:37:04,170  
forget your feet what's so special about

889  
00:37:02,068 --> 00:37:06,208  
the sandal they atomically decide foot

890  
00:37:04,170 --> 00:37:08,159  
bedding there were atomic a designer

891  
00:37:06,208 --> 00:37:10,288  
tamil any time not another target Anna

892  
00:37:08,159 --> 00:37:12,568  
tired it's not explosive not explosive

893  
00:37:10,289 --> 00:37:14,249  
no absolutely not they have the good

894  
00:37:12,568 --> 00:37:16,768  
medical alert permitted how's life

895  
00:37:14,248 --> 00:37:19,018  
support in here you might see along the

896  
00:37:16,768 --> 00:37:21,179  
to the large support don't you spoil the

897  
00:37:19,018 --> 00:37:23,399  
effect though by wearing your socks with

898  
00:37:21,179 --> 00:37:25,288

them well you spoiled a certain amount

899

00:37:23,400 --> 00:37:27,719

of your effect because you have these

900

00:37:25,289 --> 00:37:30,690

couple start server you know the couple

901

00:37:27,719 --> 00:37:33,208

starts gives you a massage if it can

902

00:37:30,690 --> 00:37:35,639

also they have some influence on your

903

00:37:33,208 --> 00:37:37,739

reflex area what are these things kappa

904

00:37:35,639 --> 00:37:40,139

this is cover these black points i'll

905

00:37:37,739 --> 00:37:41,548

cop I oxidated a bit this how you can

906

00:37:40,139 --> 00:37:42,748

see them or better than this one I sure

907

00:37:41,548 --> 00:37:44,849

they make your feet they're green do

908

00:37:42,748 --> 00:37:47,458

that it may go speed go green a bit I

909

00:37:44,849 --> 00:37:49,318

used to have a scare of my lungs I used

910

00:37:47,458 --> 00:37:52,259

to be blind partially blind with a large

911

00:37:49,318 --> 00:37:54,929

you can see the large hole there I can

912

00:37:52,259 --> 00:37:57,269

see I used to be short-sighted I'm not



913  
00:37:54,929 --> 00:37:58,588  
short-sighted anymore I said I used to

914  
00:37:57,268 --> 00:37:59,909  
have chronic bronchitis I don't have

915  
00:37:58,588 --> 00:38:00,958  
that I used to be a hyperactive I don't

916  
00:37:59,909 --> 00:38:04,618  
have that and that's through breathing

917  
00:38:00,958 --> 00:38:06,929  
breathing that's new well new age old

918  
00:38:04,619 --> 00:38:09,809  
age never mind your age a sketch is a

919  
00:38:06,929 --> 00:38:12,268  
sketch isn't it this is my one trapezius

920  
00:38:09,809 --> 00:38:13,739  
my trapezius top of the back muscles why

921  
00:38:12,268 --> 00:38:15,478  
do you want to lengthen my trapezius

922  
00:38:13,739 --> 00:38:17,489  
because most people's trapezius is

923  
00:38:15,478 --> 00:38:18,868  
pulled up Paul would type II because

924  
00:38:17,489 --> 00:38:21,179  
they raise their shoulders too much

925  
00:38:18,869 --> 00:38:22,920  
either in effort in being pushed at

926  
00:38:21,179 --> 00:38:24,389  
desks that don't fit them or women carry

927  
00:38:22,920 --> 00:38:25,798  
shoulder bags a perpetually so they'd

928  
00:38:24,389 --> 00:38:27,400  
hunch their shoulders i'm not gonna be

929  
00:38:25,798 --> 00:38:29,880  
carrying a shoulder bag on

930  
00:38:27,400 --> 00:38:29,880  
license

931  
00:38:31,268 --> 00:38:37,148  
is this dancing method New Age rhythm or

932  
00:38:34,389 --> 00:38:40,389  
a Middle Ages fertility dance it's also

933  
00:38:37,148 --> 00:38:44,498  
natural and let's not forget anything's

934  
00:38:40,389 --> 00:38:46,989  
possible now introducing new age food a

935  
00:38:44,498 --> 00:38:51,088  
revolutionary high energy from within

936  
00:38:46,989 --> 00:38:51,088  
never before thought of chip

937  
00:38:55,588 --> 00:39:03,960  
basically it's a mat which fits in the

938  
00:38:58,748 --> 00:39:07,328  
bottom of your bath and replaces

939  
00:39:03,960 --> 00:39:11,289  
basically a spa bath that is installed

940  
00:39:07,329 --> 00:39:13,240  
in great cost and expense I guess water

941

00:39:11,289 --> 00:39:15,430  
where would you be in the new age

942  
00:39:13,239 --> 00:39:17,939  
without it it's as if it's just been

943  
00:39:15,429 --> 00:39:17,940  
invented

944  
00:39:19,019 --> 00:39:24,030  
well tell me what is new age about your

945  
00:39:21,539 --> 00:39:27,480  
a shower roses well there's a new type

946  
00:39:24,030 --> 00:39:30,180  
of fish to share there is of course a

947  
00:39:27,480 --> 00:39:33,090  
flotation tank there had to be and yet

948  
00:39:30,179 --> 00:39:35,369  
here there's no water or maybe there is

949  
00:39:33,090 --> 00:39:37,769  
not just not aware of it maybe it's new

950  
00:39:35,369 --> 00:39:39,389  
age wit free water and it's not the

951  
00:39:37,769 --> 00:39:43,259  
first time a report has been kept in the

952  
00:39:39,389 --> 00:39:44,940  
dark there's nothing like a new age man

953  
00:39:43,260 --> 00:39:51,210  
is there in jeff's UN's is nothing like

954  
00:39:44,940 --> 00:39:54,059  
a new age man so there you are we look

955  
00:39:51,210 --> 00:39:56,519

forward I guess to visiting the next

956

00:39:54,059 --> 00:39:58,409

mind-body wallet festival here in Sydney

957

00:39:56,519 --> 00:40:00,179

I think there should be one coming up in

958

00:39:58,409 --> 00:40:03,649

November or something like that but as

959

00:40:00,179 --> 00:40:06,679

you can hear same old claptrap year

960

00:40:03,650 --> 00:40:06,680

after year

961

00:40:08,110 --> 00:40:10,170

you

962

00:40:18,079 --> 00:40:24,960

sigh con las vegas no it's not an

963

00:40:22,710 --> 00:40:27,210

illusion sigh con is coming to vegas and

964

00:40:24,960 --> 00:40:29,190

you're not just hearing things for too

965

00:40:27,210 --> 00:40:31,230

long skeptics have been wandering the

966

00:40:29,190 --> 00:40:34,650

desert parched and aimless wandering

967

00:40:31,230 --> 00:40:36,719

when oh when will they find an oasis but

968

00:40:34,650 --> 00:40:38,309

just on the horizon hope beckons at last

969

00:40:36,719 --> 00:40:40,109

a chance for critical thinkers from

970  
00:40:38,309 --> 00:40:42,090  
around the world to celebrate with the

971  
00:40:40,110 --> 00:40:44,059  
brightest minds and biggest

972  
00:40:42,090 --> 00:40:47,730  
personalities and science and skepticism

973  
00:40:44,059 --> 00:40:53,519  
it's no Mirage it's psych on 2016 and

974  
00:40:47,730 --> 00:40:56,190  
this time it's in Vegas October the 27th

975  
00:40:53,519 --> 00:40:58,170  
to the 30th come to the Excalibur Hotel

976  
00:40:56,190 --> 00:40:59,610  
and Casino in Las Vegas where brilliant

977  
00:40:58,170 --> 00:41:03,059  
speakers will make the City of Light

978  
00:40:59,610 --> 00:41:05,220  
truly shine with skeptic stars like

979  
00:41:03,059 --> 00:41:07,559  
evolutionary biologist Richard Dawkins

980  
00:41:05,219 --> 00:41:10,439  
science education champion Eugenie Scott

981  
00:41:07,559 --> 00:41:13,259  
30 astronomer Jill tarter and many more

982  
00:41:10,440 --> 00:41:17,519  
to be announced and yes James the

983  
00:41:13,260 --> 00:41:19,440  
amazing Randi will be there to Saigon

984  
00:41:17,519 --> 00:41:21,960  
2016 is a production of the committee

985  
00:41:19,440 --> 00:41:23,940  
for skeptical inquiry the people who

986  
00:41:21,960 --> 00:41:26,699  
bring you the skeptical Inquirer

987  
00:41:23,940 --> 00:41:29,789  
magazine the group that began organized

988  
00:41:26,699 --> 00:41:31,799  
skepticism a generation ago and what

989  
00:41:29,789 --> 00:41:34,590  
better location for a conference of

990  
00:41:31,800 --> 00:41:37,500  
skeptics than a city full of illusions

991  
00:41:34,590 --> 00:41:39,390  
don't wait unlike claims of celebrity

992  
00:41:37,500 --> 00:41:41,570  
psychics conspiracy theorists and

993  
00:41:39,389 --> 00:41:46,400  
ultimate hucksters this is no illusion

994  
00:41:41,570 --> 00:41:52,039  
psyche on is real register now at wwc

995  
00:41:46,400 --> 00:42:00,470  
conference org at CSI conference dot org

996  
00:41:52,039 --> 00:42:02,599  
oh ha hi james randi as if you hadn't

997  
00:42:00,469 --> 00:42:05,299  
already guessed I've got a wonderful

998

00:42:02,599 --> 00:42:07,610  
leaflet here it's titled the conference

999  
00:42:05,300 --> 00:42:11,810  
dedicated to science and skeptical

1000  
00:42:07,610 --> 00:42:16,370  
inquiry sigh con las vegas october 27 to

1001  
00:42:11,809 --> 00:42:18,590  
30th 2016 and folks it's 2016 right now

1002  
00:42:16,369 --> 00:42:20,779  
so you gotta hurry along and get

1003  
00:42:18,590 --> 00:42:23,750  
registered ok all my friends here

1004  
00:42:20,780 --> 00:42:28,130  
richard dawkins to G Scott Larry crossed

1005  
00:42:23,750 --> 00:42:31,699  
so many and we've got George bra of our

1006  
00:42:28,130 --> 00:42:34,369  
NC this year wonderful canopy of stars

1007  
00:42:31,699 --> 00:42:37,309  
there that I hope you will be able to

1008  
00:42:34,369 --> 00:42:40,480  
come and see along with the app if you

1009  
00:42:37,309 --> 00:42:43,849  
do beat me there and I hope you will I

1010  
00:42:40,480 --> 00:42:46,429  
want you to come directly to me and say

1011  
00:42:43,849 --> 00:42:48,969  
hello Hogan handshake whatever you want

1012  
00:42:46,429 --> 00:42:51,829

i'm pretty big on hugs she probably know

1013

00:42:48,969 --> 00:42:55,279

but the important thing is that we get

1014

00:42:51,829 --> 00:42:59,750

to speak person to person okay remember

1015

00:42:55,280 --> 00:43:05,470

Las Vegas psychotic October 27th to 30th

1016

00:42:59,750 --> 00:43:05,469

this year I hope to see you there okay

1017

00:43:12,780 --> 00:43:27,220

it's the raw skeptic report with ID

1018

00:43:16,750 --> 00:43:31,568

robertson i'm here with mandy noble and

1019

00:43:27,219 --> 00:43:33,848

skeptic amp 2016 in brisbane and Mandy's

1020

00:43:31,568 --> 00:43:36,250

just given a very interesting talk Mandy

1021

00:43:33,849 --> 00:43:38,829

tell the listeners who you are and what

1022

00:43:36,250 --> 00:43:41,349

you're doing here I'm a student

1023

00:43:38,829 --> 00:43:43,960

dietician I do have a background in

1024

00:43:41,349 --> 00:43:46,838

science and I can't escape to camp today

1025

00:43:43,960 --> 00:43:50,318

to talk to people about woo in the

1026

00:43:46,838 --> 00:43:53,608

health industry and the unknown



1027  
00:43:50,318 --> 00:43:56,019  
evidence-based practice of qualified

1028  
00:43:53,608 --> 00:43:58,900  
health professionals and how they can

1029  
00:43:56,019 --> 00:44:01,088  
act against that if they if they see it

1030  
00:43:58,900 --> 00:44:02,710  
on the internet or experience any went

1031  
00:44:01,088 --> 00:44:05,019  
either way how they can put in a

1032  
00:44:02,710 --> 00:44:09,369  
complaint and some real practical tips

1033  
00:44:05,019 --> 00:44:13,420  
on how to do that yes you you mentioned

1034  
00:44:09,369 --> 00:44:16,240  
in your talk the steps to take when you

1035  
00:44:13,420 --> 00:44:18,730  
see a pseudo-scientific claim can you

1036  
00:44:16,239 --> 00:44:21,669  
take us through those steps so this

1037  
00:44:18,730 --> 00:44:24,068  
faucet basic steps so first of all you

1038  
00:44:21,670 --> 00:44:25,630  
need to establish whether the person is

1039  
00:44:24,068 --> 00:44:28,300  
claiming to be a health professional is

1040  
00:44:25,630 --> 00:44:29,619  
what they claim are they registered or

1041  
00:44:28,300 --> 00:44:32,680  
are they credentialed through a

1042  
00:44:29,619 --> 00:44:34,660  
self-regulation body once you've done

1043  
00:44:32,679 --> 00:44:37,389  
that you can use our website like

1044  
00:44:34,659 --> 00:44:39,730  
archive is and you can archive what

1045  
00:44:37,389 --> 00:44:41,368  
they've put on the internet or if it's a

1046  
00:44:39,730 --> 00:44:45,280  
leaflet or something you can take that

1047  
00:44:41,369 --> 00:44:47,380  
evidence with you the next thing to do

1048  
00:44:45,280 --> 00:44:50,260  
is to find their code of practice or

1049  
00:44:47,380 --> 00:44:53,559  
code of conduct and undoubtedly you'll

1050  
00:44:50,260 --> 00:44:56,020  
find where they have contravened are

1051  
00:44:53,559 --> 00:44:59,049  
encoded contact and the three places are

1052  
00:44:56,019 --> 00:45:01,630  
usually find is their operating outside

1053  
00:44:59,050 --> 00:45:03,039  
of their scope of practice they're using

1054  
00:45:01,630 --> 00:45:05,380  
the second one will be that they're

1055

00:45:03,039 --> 00:45:07,599  
using non evidence-based practice and

1056  
00:45:05,380 --> 00:45:08,769  
the third one which is really important

1057  
00:45:07,599 --> 00:45:10,838  
because a lot of people do this is

1058  
00:45:08,769 --> 00:45:12,670  
they're using patient testimonials and

1059  
00:45:10,838 --> 00:45:16,449  
that is against the code of practice for

1060  
00:45:12,670 --> 00:45:18,670  
all health professionals so you can then

1061  
00:45:16,449 --> 00:45:21,460  
put those together so I just usually do

1062  
00:45:18,670 --> 00:45:24,820  
a really simple complaint I just list

1063  
00:45:21,460 --> 00:45:26,980  
the code that's been offended and then

1064  
00:45:24,820 --> 00:45:28,660  
or they've gone against and I just put

1065  
00:45:26,980 --> 00:45:31,380  
my little evidence right next to it and

1066  
00:45:28,659 --> 00:45:34,480  
I send that off to their regulator and

1067  
00:45:31,380 --> 00:45:36,789  
what kind of a response have you got

1068  
00:45:34,480 --> 00:45:40,090  
from the regulators in general are they

1069  
00:45:36,789 --> 00:45:41,769

are quite willing to act on your

1070

00:45:40,090 --> 00:45:44,260

complaints or what experience of your

1071

00:45:41,769 --> 00:45:47,650

head my experience actually has been

1072

00:45:44,260 --> 00:45:49,780

that it's been quite quick both in first

1073

00:45:47,650 --> 00:45:51,670

recognizing so just recognizing that

1074

00:45:49,780 --> 00:45:54,460

they've received it and the second one

1075

00:45:51,670 --> 00:45:56,800

is getting to the end to a solution and

1076

00:45:54,460 --> 00:45:59,380

I think that that's because you're

1077

00:45:56,800 --> 00:46:01,360

giving the regulator the evidence that

1078

00:45:59,380 --> 00:46:04,539

they can then use your kind of doing the

1079

00:46:01,360 --> 00:46:06,340

work for them but also you've presented

1080

00:46:04,539 --> 00:46:08,920

them with the evidence that you have and

1081

00:46:06,340 --> 00:46:11,200

you always have that the onus is on them

1082

00:46:08,920 --> 00:46:13,750

to do something that's what they're paid

1083

00:46:11,199 --> 00:46:15,849

for if they don't and that health

1084  
00:46:13,750 --> 00:46:17,619  
professional does cause harm they know

1085  
00:46:15,849 --> 00:46:21,069  
that you have your evidence that you

1086  
00:46:17,619 --> 00:46:23,549  
brought this to their attention and what

1087  
00:46:21,070 --> 00:46:26,019  
can you do if the regulatory body

1088  
00:46:23,550 --> 00:46:28,600  
doesn't act in in what you think is a

1089  
00:46:26,019 --> 00:46:34,989  
reasonable manner what who do you go to

1090  
00:46:28,599 --> 00:46:37,960  
then it's it's really difficult I would

1091  
00:46:34,989 --> 00:46:41,799  
say that I haven't experienced that yet

1092  
00:46:37,960 --> 00:46:46,000  
but I think continuing to collect the

1093  
00:46:41,800 --> 00:46:48,090  
evidence a lot of these codes of conduct

1094  
00:46:46,000 --> 00:46:51,940  
in that some of them are also actually

1095  
00:46:48,090 --> 00:46:54,190  
criminal offenses so you can contact I

1096  
00:46:51,940 --> 00:46:56,289  
suppose EA Triple C or something like

1097  
00:46:54,190 --> 00:46:59,470  
that if someone's being using misleading

1098  
00:46:56,289 --> 00:47:01,420  
advertising and they seem to sometimes

1099  
00:46:59,469 --> 00:47:03,730  
have a little bit more clout than some

1100  
00:47:01,420 --> 00:47:06,220  
of the regulators so there are options

1101  
00:47:03,730 --> 00:47:08,099  
but I'm also talking to other skeptics

1102  
00:47:06,219 --> 00:47:10,809  
and maybe getting a bit of group action

1103  
00:47:08,099 --> 00:47:12,819  
going so that other people can start

1104  
00:47:10,809 --> 00:47:15,690  
talking about their experience with the

1105  
00:47:12,820 --> 00:47:19,330  
same professional or unprofessional

1106  
00:47:15,690 --> 00:47:22,480  
behaving professional what profession in

1107  
00:47:19,329 --> 00:47:25,360  
particular have you seen using patient

1108  
00:47:22,480 --> 00:47:31,329  
testimonials a lot I've seen a lot of

1109  
00:47:25,360 --> 00:47:34,420  
GPS and doctors you know using so when

1110  
00:47:31,329 --> 00:47:36,519  
people jump out of this own scope of

1111  
00:47:34,420 --> 00:47:38,769  
practice and practice something that

1112

00:47:36,519 --> 00:47:41,019  
they're not qualified in it is almost

1113  
00:47:38,769 --> 00:47:45,840  
always or very frequently i should say

1114  
00:47:41,019 --> 00:47:49,119  
diet and nutrition and so unless you're

1115  
00:47:45,840 --> 00:47:51,760  
a dietitian in you're not really

1116  
00:47:49,119 --> 00:47:55,989  
qualified to give diets for people who

1117  
00:47:51,760 --> 00:48:00,330  
are not the healthy and well so you will

1118  
00:47:55,989 --> 00:48:02,500  
see I've seen a lot of doctors and

1119  
00:48:00,329 --> 00:48:05,799  
specialists medical professionals

1120  
00:48:02,500 --> 00:48:08,409  
putting on their websites diets and

1121  
00:48:05,800 --> 00:48:11,740  
including testimonials from patients

1122  
00:48:08,409 --> 00:48:13,899  
about how they've fed using those diets

1123  
00:48:11,739 --> 00:48:16,839  
you said something else really

1124  
00:48:13,900 --> 00:48:19,720  
interesting in the talk about health

1125  
00:48:16,840 --> 00:48:24,250  
professionals using their qualifications

1126  
00:48:19,719 --> 00:48:27,609

to lend legitimacy to what you called an

1127

00:48:24,250 --> 00:48:29,349

integrative or holistic approach or

1128

00:48:27,610 --> 00:48:32,140

first of all tell us what your bugbear

1129

00:48:29,349 --> 00:48:33,819

is about the word holistic a lot of

1130

00:48:32,139 --> 00:48:37,449

health gurus like I'm qualified

1131

00:48:33,820 --> 00:48:39,850

professionals will say I'm a holistic

1132

00:48:37,449 --> 00:48:41,739

person practitioner I have a more

1133

00:48:39,849 --> 00:48:43,929

holistic approach than a medical person

1134

00:48:41,739 --> 00:48:46,539

but it's actually completely the

1135

00:48:43,929 --> 00:48:49,089

opposite and I can only really mostly

1136

00:48:46,539 --> 00:48:51,789

speaking for Dietetics because that's what

1137

00:48:49,090 --> 00:48:54,039

I'm trained in but we have a really

1138

00:48:51,789 --> 00:48:55,690

holistic approach where we consider

1139

00:48:54,039 --> 00:48:58,150

everything about the person and that's

1140

00:48:55,690 --> 00:49:01,210

why there's not just one diet this



1141  
00:48:58,150 --> 00:49:03,789  
dietary guidelines and you know takes in

1142  
00:49:01,210 --> 00:49:05,349  
people's cultural differences tasting

1143  
00:49:03,789 --> 00:49:07,779  
people's budget differences and people's

1144  
00:49:05,349 --> 00:49:09,849  
preferences I really believe that the

1145  
00:49:07,780 --> 00:49:12,850  
holistic term belongs with the true

1146  
00:49:09,849 --> 00:49:14,380  
health professionals and should be taken

1147  
00:49:12,849 --> 00:49:17,049  
away from those people who are issuing

1148  
00:49:14,380 --> 00:49:19,570  
out diet plans it's the kind of word

1149  
00:49:17,050 --> 00:49:21,789  
that has been hijacked by the word crowd

1150  
00:49:19,570 --> 00:49:24,400  
isn't it much like in the field of

1151  
00:49:21,789 --> 00:49:28,210  
vaccination we come across this informed

1152  
00:49:24,400 --> 00:49:31,030  
consent which has been hijacked by them

1153  
00:49:28,210 --> 00:49:34,179  
as well there was one particular slide

1154  
00:49:31,030 --> 00:49:36,970  
that you put up about a certain recipe

1155  
00:49:34,179 --> 00:49:39,159  
that had a certain ingredient in and I'm

1156  
00:49:36,969 --> 00:49:41,289  
sure you know the one I'm talking about

1157  
00:49:39,159 --> 00:49:45,069  
could you tell the listeners what that

1158  
00:49:41,289 --> 00:49:49,090  
was so it was a recipe for bone broth

1159  
00:49:45,070 --> 00:49:53,470  
baby custard as delicious as that sounds

1160  
00:49:49,090 --> 00:49:56,530  
and it did have a raw cream or raw milk

1161  
00:49:53,469 --> 00:49:59,679  
in it a royal raw dairy product and that

1162  
00:49:56,530 --> 00:50:01,720  
is really quite alarming to me as a

1163  
00:49:59,679 --> 00:50:05,139  
dietitian because dietitians do know

1164  
00:50:01,719 --> 00:50:07,119  
quite a bit about food safety and you

1165  
00:50:05,139 --> 00:50:10,650  
know raw milk is not a safe thing to be

1166  
00:50:07,119 --> 00:50:13,059  
giving anyone especially a baby who has

1167  
00:50:10,650 --> 00:50:17,559  
it's more likely to become sick from a

1168  
00:50:13,059 --> 00:50:20,679  
from a bug or any bacteria that's in the

1169

00:50:17,559 --> 00:50:25,449  
milk listeners might recall my very

1170  
00:50:20,679 --> 00:50:27,639  
first skeptic zone report was on the

1171  
00:50:25,449 --> 00:50:31,899  
death of a toddler in Victoria as a

1172  
00:50:27,639 --> 00:50:34,269  
result of ingesting raw milk well Mandy

1173  
00:50:31,900 --> 00:50:37,090  
thank you very much for joining us is is

1174  
00:50:34,269 --> 00:50:39,009  
this your first skeptic app this my

1175  
00:50:37,090 --> 00:50:42,370  
first skipped account so unfortunately

1176  
00:50:39,010 --> 00:50:45,340  
last year I was working but my partner

1177  
00:50:42,369 --> 00:50:47,650  
came last year with our oldest son and

1178  
00:50:45,340 --> 00:50:49,750  
it's a great thing Brisbane skeptics

1179  
00:50:47,650 --> 00:50:51,940  
they're a great group they're really

1180  
00:50:49,750 --> 00:50:53,679  
active and Brisbane skeptics are really

1181  
00:50:51,940 --> 00:50:55,119  
diverse so when you come along to skip

1182  
00:50:53,679 --> 00:50:58,210  
the camp you'll learn about a lot of

1183  
00:50:55,119 --> 00:51:01,059

different actions and and understandings

1184

00:50:58,210 --> 00:51:03,730

from the skeptic community and Mandy I

1185

00:51:01,059 --> 00:51:05,739

believe you have a podcast where can

1186

00:51:03,730 --> 00:51:08,530

people find you and what's your podcast

1187

00:51:05,739 --> 00:51:10,389

all about so I have a podcast with

1188

00:51:08,530 --> 00:51:12,460

another student dietitian who's also

1189

00:51:10,389 --> 00:51:15,639

about to graduate it's called the

1190

00:51:12,460 --> 00:51:17,619

dieticians dilemma it's about food in

1191

00:51:15,639 --> 00:51:20,379

the media and food and nutrition in

1192

00:51:17,619 --> 00:51:25,170

general and we just discuss what is the

1193

00:51:20,380 --> 00:51:28,210

dietitians sort of look at different

1194

00:51:25,170 --> 00:51:30,490

nutritional issues in the media so just

1195

00:51:28,210 --> 00:51:32,079

um some feedback and but it's very

1196

00:51:30,489 --> 00:51:34,089

laid-back that sort of fun and we talk a

1197

00:51:32,079 --> 00:51:36,460

lot about food as well and we're both

1198  
00:51:34,090 --> 00:51:39,300  
parents so just just fun food and

1199  
00:51:36,460 --> 00:51:42,849  
nutrition and dumb that's worthy and

1200  
00:51:39,300 --> 00:51:45,940  
evidence sounds good so check out

1201  
00:51:42,849 --> 00:51:48,670  
Mandy's podcast at the dietitians

1202  
00:51:45,940 --> 00:51:50,800  
dilemma it was a great talk and

1203  
00:51:48,670 --> 00:51:52,480  
hopefully we'll see you at more skeptics

1204  
00:51:50,800 --> 00:51:55,380  
events in the future thanks for joining

1205  
00:51:52,480 --> 00:51:55,380  
us thanks Heidi

1206  
00:52:11,179 --> 00:52:15,389  
the Australian skeptics national

1207  
00:52:13,710 --> 00:52:18,710  
convention will be held in melbourne

1208  
00:52:15,389 --> 00:52:23,129  
from the 25th to the 27th of november

1209  
00:52:18,710 --> 00:52:26,338  
2016 speakers will include Lawrence

1210  
00:52:23,130 --> 00:52:29,849  
Krauss Ed's odd Ernst Harriet hall

1211  
00:52:26,338 --> 00:52:33,059  
Michael Marshall Mel Thompson Lynn Kelly

1212  
00:52:29,849 --> 00:52:36,420  
ken harvey Lara wood and Deanne Carson

1213  
00:52:33,059 --> 00:52:39,900  
Joe alabaster peterb outage Ross mulch

1214  
00:52:36,420 --> 00:52:42,720  
Emma Miley mouth vicars and more to be

1215  
00:52:39,900 --> 00:52:46,289  
announced be theme of this year's

1216  
00:52:42,719 --> 00:52:48,059  
conferences good thinking for more

1217  
00:52:46,289 --> 00:52:51,539  
information and to get your tickets and

1218  
00:52:48,059 --> 00:52:57,469  
tickets for the annual dinner visit www

1219  
00:52:51,539 --> 00:52:57,469  
convention skeptics calm got a you

1220  
00:53:11,769 --> 00:53:17,900  
thank you for listening to the skeptic

1221  
00:53:14,480 --> 00:53:19,969  
zone and if you're in Sydney later in

1222  
00:53:17,900 --> 00:53:24,680  
october i look forward to possibly

1223  
00:53:19,969 --> 00:53:27,949  
seeing you at folding australia 2016

1224  
00:53:24,679 --> 00:53:30,069  
origami convention i'll be holding a

1225  
00:53:27,949 --> 00:53:32,509  
class and how to fold the origami pig

1226

00:53:30,070 --> 00:53:35,000  
pegasus the flying pig i invented for

1227  
00:53:32,510 --> 00:53:36,940  
james randi my good friend gary clark

1228  
00:53:35,000 --> 00:53:41,090  
will be there to do some modular origami

1229  
00:53:36,940 --> 00:53:43,519  
you might remember Gary if you're in

1230  
00:53:41,090 --> 00:53:45,980  
Australia and you watched the recent

1231  
00:53:43,519 --> 00:53:49,429  
series about births deaths and marriages

1232  
00:53:45,980 --> 00:53:52,190  
on the ABC TV Gary Clark was one of the

1233  
00:53:49,429 --> 00:53:53,869  
people who featured in that and some

1234  
00:53:52,190 --> 00:53:55,820  
people might remember he made origami

1235  
00:53:53,869 --> 00:53:57,139  
for people anyway he's a good friend of

1236  
00:53:55,820 --> 00:54:01,670  
mine and he'll be at the origami

1237  
00:53:57,139 --> 00:54:05,509  
convention to at saturday and suddenly

1238  
00:54:01,670 --> 00:54:07,550  
that's the 29th and 30th of October and

1239  
00:54:05,510 --> 00:54:09,950  
that will be held in pots point but for

1240  
00:54:07,550 --> 00:54:12,980

more information I just go to skeptics

1241

00:54:09,949 --> 00:54:16,219

own TV for the link in this week's shown

1242

00:54:12,980 --> 00:54:19,099

it and while you are there I encourage

1243

00:54:16,219 --> 00:54:25,509

you to subscribe to the skeptic zone you

1244

00:54:19,099 --> 00:54:28,699

can do it for a dollar an episode cheap

1245

00:54:25,510 --> 00:54:30,500

kobe worth more than that Shirley hmm

1246

00:54:28,699 --> 00:54:32,839

anyway there's a range of options there

1247

00:54:30,500 --> 00:54:35,510

if you care to if you enjoy the show if

1248

00:54:32,840 --> 00:54:37,070

it keeps you company if you look forward

1249

00:54:35,510 --> 00:54:39,320

to hearing it every week and you get

1250

00:54:37,070 --> 00:54:42,470

some benefit out of it you might

1251

00:54:39,320 --> 00:54:44,630

consider subscribing by our patreon or

1252

00:54:42,469 --> 00:54:47,169

just through paypal the options are

1253

00:54:44,630 --> 00:54:52,490

there for you at skeptic zone TV and

1254

00:54:47,170 --> 00:54:54,139

your generous contributions means the



1255  
00:54:52,489 --> 00:54:56,929  
show keeps going and we can afford to

1256  
00:54:54,139 --> 00:54:58,809  
buy things like recording equipment from

1257  
00:54:56,929 --> 00:55:02,059  
time to time or get our reporters around

1258  
00:54:58,809 --> 00:55:04,699  
especially maynard we like to get main

1259  
00:55:02,059 --> 00:55:06,980  
aren't around oh if you haven't visited

1260  
00:55:04,699 --> 00:55:08,779  
Maynard calm day you I encourage you to

1261  
00:55:06,980 --> 00:55:11,920  
do so to listen to the fabulous Maynard

1262  
00:55:08,780 --> 00:55:14,210  
podcasts including bunga bunga and

1263  
00:55:11,920 --> 00:55:15,950  
recently he's had to put out a special

1264  
00:55:14,210 --> 00:55:19,849  
about the new australian movie coming

1265  
00:55:15,949 --> 00:55:21,639  
out called spit out directed by our good

1266  
00:55:19,849 --> 00:55:24,630  
friend tim ferguson who appears

1267  
00:55:21,639 --> 00:55:27,699  
the skeptic zone from time to time and

1268  
00:55:24,630 --> 00:55:29,950  
hands up vested interest here I do like

1269  
00:55:27,699 --> 00:55:32,169  
to support the local TV and film

1270  
00:55:29,949 --> 00:55:34,838  
industry because I do part-time work in

1271  
00:55:32,170 --> 00:55:37,329  
that industry but apart from that it's

1272  
00:55:34,838 --> 00:55:39,159  
nice to her it's nice to support a

1273  
00:55:37,329 --> 00:55:40,869  
friend coming up next week on the

1274  
00:55:39,159 --> 00:55:42,250  
skeptics own talking about friends

1275  
00:55:40,869 --> 00:55:44,980  
another old friend of skeptics owns

1276  
00:55:42,250 --> 00:55:47,079  
sharon hill from doubtful news joins us

1277  
00:55:44,980 --> 00:55:49,119  
to tell us the latest goings-on at

1278  
00:55:47,079 --> 00:55:51,609  
doubtful news and then the week after

1279  
00:55:49,119 --> 00:55:53,380  
that as mentioned earlier we hope to

1280  
00:55:51,608 --> 00:55:56,980  
have in fact we're lining it up an

1281  
00:55:53,380 --> 00:55:59,140  
interview with my distant cousin ben

1282  
00:55:56,980 --> 00:56:01,659  
goldacre who's touring australia and new

1283

00:55:59,139 --> 00:56:03,518  
zealand in a few weeks but for this week

1284  
00:56:01,659 --> 00:56:09,509  
this is Richard Saunders signing off

1285  
00:56:03,518 --> 00:56:09,509  
from a very very sunny Sydney Australia

1286  
00:56:11,639 --> 00:56:17,828  
you've been listening to the skeptic

1287  
00:56:14,048 --> 00:56:20,798  
zone podcast visit our website at WCA

1288  
00:56:17,829 --> 00:56:24,700  
pegs on TV for contacts an archive of

1289  
00:56:20,798 --> 00:56:27,338  
all episodes since 2008 and our online

1290  
00:56:24,699 --> 00:56:30,058  
store please support the skeptic zone by

1291  
00:56:27,338 --> 00:56:33,068  
following us on twitter at skeptic zone

1292  
00:56:30,059 --> 00:56:36,130  
liking us on facebook and leaving a

1293  
00:56:33,068 --> 00:56:38,980  
review on iTunes you can also show your

1294  
00:56:36,130 --> 00:56:42,460  
support by subscribing via paypal for as

1295  
00:56:38,980 --> 00:56:44,798  
little as 99 cents a week the skeptic

1296  
00:56:42,460 --> 00:56:46,509  
zone is an independent production the

1297  
00:56:44,798 --> 00:56:48,608

views and opinions expressed on the

1298

00:56:46,509 --> 00:56:51,298

skeptic zone and not necessarily those

1299

00:56:48,608 --> 00:56:55,108

Australian skeptics or any other

1300

00:56:51,298 --> 00:56:55,108

skeptical organization

1301

00:57:01,650 --> 00:57:08,369

alright mr. Scott an entire

1302

00:57:04,739 --> 00:57:11,909

congratulations to Star Trek 50 years

1303

00:57:08,369 --> 00:57:11,910

live long and prosper