



1
00:00:04,039 --> 00:00:01,750
are there any questions i can dodge

2
00:00:15,160 --> 00:00:04,049
especially from pathological skeptics I

3
00:00:21,050 --> 00:00:19,060
X the vibrational theory of olfaction

4
00:00:41,119 --> 00:00:21,060
but that's a whole nother talk all

5
00:00:42,170 --> 00:00:41,129
together yes yes yes but that again

6
00:00:43,940 --> 00:00:42,180
that's another talk all together

7
00:00:50,240 --> 00:00:43,950
absolutely absolutely we'll talk more

8
00:01:00,450 --> 00:00:50,250
over muffins yes today maybe 10 years

9
00:01:20,820 --> 00:01:07,010
under my buckle up or I see if Brandon

10
00:01:25,469 --> 00:01:20,830
chemical reaction are there any other

11
00:01:36,389 --> 00:01:25,479
updates any other questions I was yes

12
00:01:39,830 --> 00:01:36,399
Patrick give me the time of day I

13
00:01:42,060 --> 00:01:39,840

actually talked with my salon camera

14

00:01:45,090 --> 00:01:42,070

Ashley talked with a certain professor

15

00:01:47,669 --> 00:01:45,100

at Cal Davis and I was asking him some

16

00:01:49,639 --> 00:01:47,679

hard questions it was during the you

17

00:01:51,690 --> 00:01:49,649

know the food time things like this and

18

00:01:53,940 --> 00:01:51,700

you know they had some hors d'oeuvres

19

00:01:55,350 --> 00:01:53,950

around some drinks and I said you know

20

00:01:57,480 --> 00:01:55,360

what about this what about that what

21

00:01:58,919 --> 00:01:57,490

about a what about B and he turned and

22

00:02:00,180 --> 00:01:58,929

looked at me without responding and said

23

00:02:03,930 --> 00:02:00,190

why don't you go ahead and get something

24

00:02:05,039 --> 00:02:03,940

to eat turned around and left so I went

25

00:02:12,449 --> 00:02:05,049

to go get something to eat because

26

00:02:14,250 --> 00:02:12,459

that's good advice I think yes it's nice

27

00:02:16,050 --> 00:02:14,260

to be able to convince some individuals

28

00:02:18,479 --> 00:02:16,060

some of the time it would be nicer to

29

00:02:24,740 --> 00:02:18,489

convince all of the individuals all the

30

00:02:30,270 --> 00:02:28,740

very very paternal was supposed to be

31

00:02:31,830 --> 00:02:30,280

here today and by the way I did need to

32

00:02:32,970 --> 00:02:31,840

apologize for some who were looking

33

00:02:34,770 --> 00:02:32,980

forward to having him here he wasn't

34

00:02:37,170 --> 00:02:34,780

able to make it at the last minute his

35

00:02:38,340 --> 00:02:37,180

mother was going into surgery and so he

36

00:02:41,550 --> 00:02:38,350

had to cancel out but he was on the

37

00:02:42,750 --> 00:02:41,560

website and I we did I did officially

38

00:02:44,040 --> 00:02:42,760

invite him and I would have loved to

39

00:02:45,060 --> 00:02:44,050

have met him for the first time because

40

00:02:47,100 --> 00:02:45,070

I've only communicated with him

41

00:02:49,410 --> 00:02:47,110

otherwise he is suggesting a different

42

00:02:51,000 --> 00:02:49,420

mechanism than what the insects are

43

00:02:54,000 --> 00:02:51,010

doing though but the idea is the same

44

00:02:55,050 --> 00:02:54,010

vibrational theory so I can't answer a

45

00:02:59,400 --> 00:02:55,060

second question from Dave right now

46

00:03:02,490 --> 00:02:59,410

that's just too much for me well my wife

47

00:03:07,800 --> 00:03:02,500

has a question Manila not my wife has a

48

00:03:10,650 --> 00:03:07,810

question Gregory Dykstra's two years old

49

00:03:17,330 --> 00:03:10,660

and listened to his daddy's talk so well

50

00:03:20,600 --> 00:03:19,350

and the film years that we've been

51
00:03:23,460 --> 00:03:20,610
married this is the first presentation

52
00:03:25,800 --> 00:03:23,470
that my wife has heard me speak because

53
00:03:27,330 --> 00:03:25,810
of the children so this is this is a

54
00:03:28,620 --> 00:03:27,340
huge accomplishment and I was very

55
00:03:30,200 --> 00:03:28,630
worried about what's gonna happen thank

56
00:03:42,530 --> 00:03:30,210
you very much

57
00:03:50,620 --> 00:03:42,540
oh there's something worse you all you

58
00:03:56,090 --> 00:03:54,140
besitos in my pocket any of the

59
00:04:02,480 --> 00:03:56,100
questions yes I'm sorry I couldn't see

60
00:04:04,430 --> 00:04:02,490
you yes if you think there's a

61
00:04:08,360 --> 00:04:04,440
piezoelectric effect going on there the

62
00:04:10,880 --> 00:04:08,370
answer yes there are pizzo and

63
00:04:12,770 --> 00:04:10,890

pyroelectric properties of the insect

64

00:04:14,990 --> 00:04:12,780

cuticle well established it's in the

65

00:04:16,729 --> 00:04:15,000

literature so as a matter of fact

66

00:04:17,750 --> 00:04:16,739

because of the dielectric antenna as

67

00:04:19,910 --> 00:04:17,760

I've talked about before you're going to

68

00:04:22,250 --> 00:04:19,920

have both those essentially required so

69

00:04:23,630 --> 00:04:22,260

yes those conditions have been met thank

70

00:04:36,910 --> 00:04:23,640

you very much quite question from a

71

00:04:36,920 --> 00:04:43,719

they were

72

00:04:50,629 --> 00:04:46,280

problem right now is that if this theory

73

00:04:52,219 --> 00:04:50,639

is correct then some researchers who

74

00:04:55,460 --> 00:04:52,229

might have mentioned by name who had

75

00:04:57,230 --> 00:04:55,470

been doing this for 40 years who have

76

00:05:00,379 --> 00:04:57,240

been applying for grants from the United

77

00:05:02,360 --> 00:05:00,389

States government NIH and NSF our guitar

78

00:05:04,939 --> 00:05:02,370

going to realize that they're wrong so

79

00:05:06,379 --> 00:05:04,949

you are insulting the other scientist by

80

00:05:08,600 --> 00:05:06,389

doing something like this this is

81

00:05:10,129 --> 00:05:08,610

dangerous territory I should be getting

82

00:05:11,480 --> 00:05:10,139

nods with a lot of people you understand

83

00:05:14,450 --> 00:05:11,490

that when you tread on someone's

84

00:05:16,310 --> 00:05:14,460

territory long-standing territory they

85

00:05:18,320 --> 00:05:16,320

do not take a liking to this at all

86

00:05:20,300 --> 00:05:18,330

that's where the problem is if I can

87

00:05:23,330 --> 00:05:20,310

have a logical discussion with them and

88

00:05:24,409 --> 00:05:23,340

I can't I'll be in better shape but I