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University of Detroit Mercy, Ask The Professor, Jeffe Boats, Blood Game, espionage novel, autistic intel analyst, book reviews, sequels, mince pies, holiday break, food, questions, trivia, history, Tina Fey.

SPEAKERS

Jeffe Boats, Announcer, Dan Maggio, Danielle Maxwell, Dave Chow, Matt Mio, Ph.D., Erin Bell, Beth Oljar, James Tubbs

- M** Matt Mio, Ph.D. 00:02
The University tower chimes ring in another session of Ask The Professor, the show on which you match wits with University of Detroit Mercy Professors in an unrehearsed session of questions and answers. I'm your host, Matt Mio, and let me introduce to you our panel for today. To my left, from the Department of Mathematics and the Department of independent literature publication, it's Professor Jeffe Boats
- J** Jeffe Boats 00:26
How's it going?
- M** Matt Mio, Ph.D. 00:27
What's going on, Jeffe? You've got big news?
- J** Jeffe Boats 00:29
Oh, my first book comes out in about, well, three and a half weeks from when we're taping, probably about when the show airs, actually. Probably.
- M** Matt Mio, Ph.D. 00:36
Yeah, can you tell us a little bit about it?

J Jeffe Boats 00:39
Blood Game. It's a- it's an

D Dave Chow 00:42
It's a fantasy, I hope (Jefe and Beth laugh)

J Jeffe Boats 00:45
It's an espionage novel.

J James Tubbs 00:48
No, it's non fiction,

J Jeffe Boats 00:49
It's about an autistic intel analyst who finally gets a shot at clandestine operations, and it's almost more than he can handle. But it's -

M Matt Mio, Ph.D. 00:59
Very cool.

J Jeffe Boats 00:59
That's what it's about,

M Matt Mio, Ph.D. 01:00
Very cool! And I know from having read that one that there's all sorts of, if you don't mind, like cool math in it. And I think that the way you integrated that was really cool.

J Jeffe Boats 01:09
Thank you.

M Matt Mio, Ph.D. 01:09
Yeah,

J Jeffe Boats 01:10
Write what you know, right?

M Matt Mio, Ph.D. 01:11
Yeah exactly

J Jeffe Boats 01:11
You know, the key is you got to put it in the layman's terms, though, because most of us aren't math geeks.

M Matt Mio, Ph.D. 01:18
Yeah, I don't think I'm giving anything away by saying that most of that appears in games of chance, which I think is a great way to connect with your readers.

J Jeffe Boats 01:24
No, no, I think there's. There's some other stuff too. It's not just the gambling aspect,

M Matt Mio, Ph.D. 01:29
Yes, but that is one aspect of it so - Exciting. Looking forward to seeing that on the shelves. I'm sure the listenership is as well.

J Jeffe Boats 01:38
Oh, let me just say one thing then too, about - Anybody who buys that or any other book out there, the best thing you can do to help any author, (other than, obviously, buying the book), is leave a good review, right? If you like it, right? If you don't like it, forget it ever existed.

D Dave Chow 01:53
We never knew of it

J Jeffe Boats 01:54
but if you like it, leave a good review. That really helps

but if you like it, leave a good review. That really helps.

M Matt Mio, Ph.D. 01:57

Excellent. Thanks for letting us know. We'll have you back and see how sales go over these next few months. It's exciting. And again, you haven't mentioned it yet. You're working on multiple sequels at this point

J Jeffe Boats 02:08

Oh, the second book is done. We actually just figured out the cover today, and

M Matt Mio, Ph.D. 02:12

Excellent.

J Jeffe Boats 02:12

I'm working on the third. There's going to be at least three.

M Matt Mio, Ph.D. 02:14

All right, very, very cool. Professor Beth Oljar is here with a box of mince pies, which, alas,

J Jeffe Boats 02:23

They've evaporated,

B Beth Oljar 02:24

No. There is one left. Yes, but I took a picture, I sent it to Drew, and I said, "Bringing one home". "Awesome."

M Matt Mio, Ph.D. 02:33

It's perfect bite size, absolute perfect bite size.

B Beth Oljar 02:36

Yes, and, but we still have some mini mousse cups from Westborn. You know those little -

M Matt Mio, Ph.D. 02:41
Yes,

B Beth Oljar 02:42
I mean \$2, but it's such a perfect little bite of dessert

M Matt Mio, Ph.D. 02:46
Yes it is

B Beth Oljar 02:47
A little chocolate shell with some chocolate mousse in it. So good

M Matt Mio, Ph.D. 02:50
You were, you were hitting all the right notes. The students asked me on the first day of lecture, "Oh, how was your break?" And I just responded with one word - "Food".

D Dave Chow 02:58
What break?

M Matt Mio, Ph.D. 02:59
It was appropriate. So yeah, that's what else is there to do.

B Beth Oljar 03:03
I'm sending people pictures of the DutcBaby pancake I made Christmas morning

M Matt Mio, Ph.D. 03:09
Oh, that's right. That was gorgeous, just pouring right out of the pan.

B Beth Oljar 03:14
Oh yeah

Oh yeah,

M Matt Mio, Ph.D. 03:14
Yeah,

B Beth Oljar 03:15
Yummy.

M Matt Mio, Ph.D. 03:16
Professor Dan Maggio is here with us today. I'm wondering what kind of food he will highlight from his break. One thing that really sticks out?

D Dan Maggio 03:25
Lots of cookies.

M Matt Mio, Ph.D. 03:26
Oh, okay, all right, that's good.

D Dan Maggio 03:27
I 'm still eating my way through the final Yeah,

M Matt Mio, Ph.D. 03:30
Yeah,

D Dan Maggio 03:31
that looks good.

B Beth Oljar 03:31
It was. It was very good.



M Matt Mio, Ph.D. 03:33
It was very big. So, lots of cookies. I mean, what's wrong with that? That's great.

D Dan Maggio 03:37
Yep, break was good. I spent a week up north. That was nice. Nice break.

M Matt Mio, Ph.D. 03:42
Very good. Very, very good. Excellent. Professor Jim Tubbs is here,

J James Tubbs 03:47
Hello,

M Matt Mio, Ph.D. 03:48
and I think I heard bits and pieces of how your break went.

J James Tubbs 03:51
Oh, yeah, a lot of traveling around in North Carolina and Virginia. And good food

M Matt Mio, Ph.D. 03:55
Okay. And good food. Excellent. Did you ever get tripped up by any crazy weather coming in that direction?

J James Tubbs 04:02
Well, last Saturday is when the snow was supposed to be going below us, but it actually started last Friday while I was driving. So I had snow all the way across the Pennsylvania Turnpike and then all the way across the Ohio Turnpike, until I got to Toledo and then it quit.

D Dave Chow 04:22
Well, it knows better.

M Matt Mio, Ph.D. 04:23
Everything was below the Michigan state line, almost to a t

Everything was below the Michigan state line, almost to a T.

B Beth Oljar 04:27

I've been wondering, like, where is this huge storm that we're supposed to - I mean, Audrey got hit with it in Philadelphia.

M Matt Mio, Ph.D. 04:33

Oh, yeah, absolutely

B Beth Oljar 04:34

Yeah, Pretty much everywhere else this side, except for us and Wisconsin.

J James Tubbs 04:36

Yeah. and, I mean, between Cleveland and Toledo on the Turnpike, I was having to follow behind a tractor trailer truck because I had no idea where the side of the road was or where the lines were. So you ended up delivering like, you know, like a load of lumber and - No, there was nothing good on the truck. I think it was an Amazon truck,

D Dave Chow 04:59

Oh in that case, not a bad truck to follow.

M Matt Mio, Ph.D. 05:02

Those are the dulcet tones of Professor Dave Chow.

D Dave Chow 05:04

Pleasure to be, here as always.

M Matt Mio, Ph.D. 05:06

Good to have you. Our street, including, of course, my house and your house tend to keep up our lights a little longer than a lot of other

D Dave Chow 05:13

I'm leaving line up till June.

M Matt Mio, Ph.D. 05:15
Oh, that's nice.

B Beth Oljar 05:15
My Christmas tree is still up. I have not had a chance to take it down

M Matt Mio, Ph.D. 05:20
Nothing wrong with that.

D Dave Chow 05:22
For all the grief that we go through and putting them up,

M Matt Mio, Ph.D. 05:24
I know, seriously.

D Dave Chow 05:25
But by the way, Danielle, are you gonna sneak over and switch out the orange lights for the yellow lights ?

D Danielle Maxwell 05:29
At some point, definitely. Maize and blue at the Mio house.

B Beth Oljar 05:33
I had Dan help me set up my Christmas tree because he's awesome.

M Matt Mio, Ph.D. 05:36
Professor Erin Bell is here with us, director of our writing program. We're so happy to have you.



- E** Erin Bell 05:41
I'm happy to be here.
- M** Matt Mio, Ph.D. 05:42
You have awesome Daria earrings on today.
- E** Erin Bell 05:46
I'm promoting CCS's Noel Night a full 12 months ahead of time, because I'm pretty sure -
- J** James Tubbs 05:53
That's where I saw them.
- D** Dave Chow 05:57
Sorry, Jim, they didn't have your size.
- E** Erin Bell 05:59
I think that's what I do I go shopping for my kids. And then whilst there, I just, I'm like, "Oh, those are cute!"
- B** Beth Oljar 06:05
I love the air quotes around "kids".
- E** Erin Bell 06:08
I usually get myself a bunch of things.
- M** Matt Mio, Ph.D. 06:09
Oh, that's awesome. Last, but most, certainly not least, having just enjoyed a mince pie.
Professor. Danielle Maxwell
- D** Danielle Maxwell 06:15
Yes, it's good to be here.

M Matt Mio, Ph.D. 06:16
Yeah, always good to have you. So you survived your second first week of a semester.

D Danielle Maxwell 06:22
Yes, I did. It was a good first week.

D Dave Chow 06:24
So how many more? 58 more?

D Danielle Maxwell 06:26
29 and a half more years?

D Dave Chow 06:29
Wow.

D Danielle Maxwell 06:29
That is it. (Jim laughs) We're almost there.

D Dave Chow 06:32
It'll pass - like a kidney stone.

J James Tubbs 06:34
It may not end in 29 and a half years, Sorry to tell you

D Danielle Maxwell 06:40
That's the goal.

D Dave Chow 06:42
Aspirational

aspirational.

M Matt Mio, Ph.D. 06:43

I'm putting you, having had your second first week of the semester in the same bucket as my children, telling me, "Hey, Dad, this guy is the first second gentleman, and he gets to say that for the rest of his life". I'm like, that's kind of a cool title.

D Danielle Maxwell 06:58

It is, it was a good first second week (Laughs)

M Matt Mio, Ph.D. 07:01

Yeah, my dad gave driving directions to my 16-year-old son last night, and I believe I overheard the phrase - what did he say? "Just west", no, no, no, "just south of Northwestern". And you could see, like the loading thing, in my kid's face, like "You just said everything on the compass, like in one sentence. What does that even mean?" Anywho,

B Beth Oljar 07:26

Anywhere you are, is where you're meant to be.

M Matt Mio, Ph.D. 07:29

That is exactly right.

B Beth Oljar 07:29

That's what follows, right?

M Matt Mio, Ph.D. 07:31

This is a program where you can send us questions regarding anything, folks. If you stump the panel, you win a prize. If you don't stump the panel, you win a prize. You can send us the questions in a number of ways. Email us at ATP@UDMercy.edu, find us on Facebook and Instagram, or listen on your favorite smart speaker by asking it to play Ask The Professor at University of Detroit Mercy. All right, let's see we can do here. "Hello, all. I thought it was time for another set of questions". Indeed. "As always, thanks for including me on the show. I've enclosed 20 questions, and as Prof Mio likes to say, they're all over the board. Oh yes, they are 17 out of 20 is the passing rubric. Hope you enjoy." Here we go. Thanks to Steve Barney, our listener, Steve Barney from Garden City. Good ole Garden City.

J James Tubbs 08:17
Thank you, Steve.

B Beth Oljar 08:18
Thank you, Steve.

J James Tubbs 08:19
Well, we haven't heard questions yet.

B Beth Oljar 08:22
If they're really hard, and we don't get any of them right, we officially withdraw the "thank you".

M Matt Mio, Ph.D. 08:27
Yes,

B Beth Oljar 08:27
Just kidding

D Dave Chow 08:28
We'll send cash

E Erin Bell 08:29
I thought you were gonna say "withdraw the course", right? We still have time to withdraw.

J James Tubbs 08:33
It's early,

D Dave Chow 08:33
No penalties.

E Erin Bell 08:34
First week.

M Matt Mio, Ph.D. 08:35
What is the name and where is it located - The smallest river in the world?

B Beth Oljar 08:40
Depot Bay, Oregon,

M Matt Mio, Ph.D. 08:42
You know it, that's not what it says here, but it's definitely in the continental United States.

B Beth Oljar 08:47
The Siletz River in Depot Bay. They have a sign.


M Matt Mio, Ph.D. 08:50
How long is it? Because I've got stats here.

B Beth Oljar 08:53
I'm not kidding. It's really short.


D Dave Chow 08:55
About the sign or the river?


M Matt Mio, Ph.D. 08:57
Well, that would win versus this, I can tell you. I'm just hoping that you'll be able to go to the old colored map here and maybe grab a state or two.


D Dan Maccio 09:04


 Dan Maggio 09:04
How would it show up on the map?

 Danielle Maxwell 09:05
Right


 James Tubbs 09:06
I don't think it would


 Matt Mio, Ph.D. 09:10
(Laughs)


 Beth Oljar 09:10
Definitely not a lot of rivers-

 Dan Maggio 09:11
It's a crap shoot here.

 Jeffe Boats 09:12
I'm just wondering how they define "river," because,

 Dan Maggio 09:13
Yeah,

 Jeffe Boats 09:14
What's a stream and what's a river?

 James Tubbs 09:15
Yeah, What's a creek?



D Dave Chow 09:16

Yeah? I mean,

J Jeffe Boats 09:17

if you can jump across, it's a river or a stream,

D Dave Chow 09:20

Yeah. Or, you know, I mean, my leaking sink doesn't count as a river. Does it?

B Beth Oljar 09:24

Crooks are only in the south, Jim.

M Matt Mio, Ph.D. 09:26

That is true. True is also true. Now it says here, it's near Great Falls, Montana. It says the Roe River is 201 feet long. But it sounds to me like you've got something way shorter than that.

B Beth Oljar 09:37

I think the Siietz River is shorter than that.

M Matt Mio, Ph.D. 09:39

Okay,

E Erin Bell 09:39

Time for some fact checking.

M Matt Mio, Ph.D. 09:40

We'll have to get our crack research team.

D Dave Chow 09:42

It' s either that or we find our own river and make it ourselves

J James Tubbs 09:46
There's not a lot of kayaking on that river?

M Matt Mio, Ph.D. 09:49
When the kayak is longer than the river, you've got different problems.

B Beth Oljar 09:53
Oh, 67 miles. So there you go. I was wrong.

M Matt Mio, Ph.D. 09:56
Oh, that's all right,

D Dan Maggio 09:57
That's a long river.

M Matt Mio, Ph.D. 09:58
Yeah, that's relatively long. This is only 201 feet long,

B Beth Oljar 10:01
That's a baby.

M Matt Mio, Ph.D. 10:02
I feel like there's an I-375 joke in here somewhere, but I'm gonna leave it for later, because we're not gonna have that for much longer.

J James Tubbs 10:09
But yeah, I wonder what gives it the status of a river,

M Matt Mio, Ph.D. 10:12
Right. Maybe some sort of width, although at that point, why isn't it a pond?

D Danielle Maxwell 10:16
Possibly the speed of the water

M Matt Mio, Ph.D. 10:18
The speed of the water? Yeah, that's true. That's true, 201 feet long. That's just about the size of the Briggs Building. How many earths do you think fit into the sun, approximately?

D Dave Chow 10:30
Oh Dan, Jeffe?

J Jeffe Boats 10:31
Oh, about a million.

M Matt Mio, Ph.D. 10:32
It says exactly 1 million. Yeah, we'll give it to. 1 million earths - u - r - f. Traditionally speaking, based on history, why is money printed in mostly green?

B Beth Oljar 10:46
Harder to-

D Dave Chow 10:47
counterfeit,

B Beth Oljar 10:48
counterfeit,

M Matt Mio, Ph.D. 10:48
Harder to counterfeit. There was another reason, too. That's the Civil War era.

J James Tubbs 10:53
Cheap ink

M Matt Mio, Ph.D. 10:54
That's a good answer, but it's not what it says here.

D Dave Chow 10:57
It's on linen.

D Dan Maggio 10:58
It's easier to see.

D Dave Chow 10:59
Contrast,

M Matt Mio, Ph.D. 11:00
You're getting closer, Dan. So there's a sort of a Civil War era, and then a turn of the 20th century. Other reason. So, yes,

D Dave Chow 11:09
Ecologically sound.

M Matt Mio, Ph.D. 11:11
No, not ecologically , it was done psychologically.

D Danielle Maxwell 11:16
Spend more, I don't know.

M Matt Mio, Ph.D. 11:18
Oh, that's, that's really good.

D Dan Maggio 11:19
If you see it laying on the ground, you would recognize it.

J James Tubbs 11:21
They were originally green backs.

M Matt Mio, Ph.D. 11:22
All of these are really, really good responses. It says here that it was seen when it became official as a symbol of security. It needed something felt good about.

E Erin Bell 11:32
Oh, like the green walls that I don't like, institutional green

J James Tubbs 11:36
that make you feel very insecure.

M Matt Mio, Ph.D. 11:37
It's true in TV land, somebody lived at 704 Hauser in Queens, New York.

D Dave Chow 11:45
Archie Bunker

M Matt Mio, Ph.D. 11:46
Archie Bunker did.

D Dave Chow 11:47
and Edith

M Matt Mio, Ph.D. 11:48
From All in The Family that is correct

From All In The Family, that is correct.

D Dave Chow 11:50
How do I remember that? I have no idea.

M Matt Mio, Ph.D. 11:53
I mean, I know why you remember that, because you never forget anything about classic TV.

D Dave Chow 11:58
I don't? Okay.

M Matt Mio, Ph.D. 11:59
I am not a golfer. My brother in law is, I'm gonna throw this one his way, because I've never heard it before. You know how a lot of golf strokes have different nicknames.

D Dave Chow 12:10
Yes,

M Matt Mio, Ph.D. 12:11
when you have a par five, but you score two, it has a very specific name,

D Danielle Maxwell 12:16
Albatross.

M Matt Mio, Ph.D. 12:16
It's called an albatross.

D Danielle Maxwell 12:18
I played golf in high school



M Matt Mio, Ph.D. 12:19
Semi professional golfer

B Beth Oljar 12:20
All I could think of was double eagle

D Danielle Maxwell 12:22
I was going to say double eagle

D Dave Chow 12:23
That was the name of a polish restaurant. Oh, no, no.

B Beth Oljar 12:26
I still remember when my dad taught me sort of the basics of golf scoring, because I had to do a current events presentation on sports or something, in eighth grade homeroom.

M Matt Mio, Ph.D. 12:38
Current events. I love it.

D Danielle Maxwell 12:39
Wait a minute, Isn't there supposed to honor in golf? What is really fun about golf scoring in high school is you get to keep track of everyone's score simultaneously while you're playing. So it's constantly doing math There's honor. We gotta check each other.

D Dan Maggio 12:43
So on the flip side, when you get a bogey, it's a double bogey, triple bogey?

D Danielle Maxwell 12:56
Yes,

J James Tubbs 12:57
.....

yea.

D Dan Maggio 12:57
So they weren't as creative.

M Matt Mio, Ph.D. 12:59
They weren't as creative.

B Beth Oljar 12:59
When you go over par, pparently, we're not as creative

D Danielle Maxwell 13:03
We're not as excited about that. We don't want that.

M Matt Mio, Ph.D. 13:05
Get a single Bogey, a penguin, and I'm trying to think of another word. in the world of entertainment, I think many of us probably know who Paul David Hewson is.

D Dave Chow 13:17
Yes.

E Erin Bell 13:18
I do. Bono.

M Matt Mio, Ph.D. 13:20
Bono

D Dave Chow 13:20
Your letter writer.



E Erin Bell 13:21
Yeah, Yeah

D Dave Chow 13:23
Your correspondence course.

D Danielle Maxwell 13:24
Hey, Euro

M Matt Mio, Ph.D. 13:25
I have a prediction I'm gonna make about this next question here. What is five to the fifth power,

J Jeffe Boats 13:32
3125

M Matt Mio, Ph.D. 13:33
That is correct.

J Jeffe Boats 13:34
That was the question?

M Matt Mio, Ph.D. 13:35
That was the question.

J Jeffe Boats 13:36
Okay,

M Matt Mio, Ph.D. 13:36
My prediction was the Jeffe would be the first to respond

B Beth Oljar 13:39
Or Dan.

M Matt Mio, Ph.D. 13:40
3125

D Dan Maggio 13:41
I was doing 625 times. 5, times five. When Jeffe was-

E Erin Bell 13:45
I was like stuck on 25

D Danielle Maxwell 13:45
I need, like, to glimpse inside your mind right now, just how you did that.

B Beth Oljar 13:49
I would need a calculator.

D Danielle Maxwell 13:51
Yes,

D Dave Chow 13:51
fingers and toes.

M Matt Mio, Ph.D. 13:53
If you know your Greek rooted names - so the name I'm thinking of is Melissa, then you would be able to easily translate the word Melissophobia, which is not the fear of Melissa's, but Melissa is a Greek word, and it means a thing that you could have a fear of; and if you figure that out, you're good to go



D Dave Chow 14:17
fear of carry out?

M Matt Mio, Ph.D. 14:19
as always little surprised. It's an animal,

D Danielle Maxwell 14:22
A snake.

M Matt Mio, Ph.D. 14:23
It's not a snake.

D Dave Chow 14:24
No

B Beth Oljar 14:24
spider.

D Danielle Maxwell 14:25
That's arachnophobia.

M Matt Mio, Ph.D. 14:27
You're getting closer Beth.

D Dave Chow 14:29
What?

B Beth Oljar 14:29
Ants,

D Dave Chow 14:31
Scorpions

J James Tubbs 14:31
Roaches.

B Beth Oljar 14:32
Bees

M Matt Mio, Ph.D. 14:32
It's Bees. Melissa means bee. That's a lot of syllables for almost a single letter. But Melissophobia is the fear of bees

J Jeffe Boats 14:42
I remember when nickels had bumblebees on them.

M Matt Mio, Ph.D. 14:44
This is why, when people ask me if there's a difference between ethics and morals, I say no. Mm-hm.

D Dave Chow 14:50
We have none.

B Beth Oljar 14:52
One comes from a Latin word meaning "habit or custom". One comes from a Greek word meaning "habit or custom."

M Matt Mio, Ph.D. 15:00
Yes, yes. We have this - and I know I've brought this up on this show before. It's been so long, Beth. There's this thing in chemistry, valency - how many bonds an atom can make. And technically speaking, carbon is not tetravalent, because that's mixing the Latin and the Greek at the same time. It's quadrivalent, to make sure that we don't crossover.

- J** James Tubbs 15:08
Mm-hm. To keep your languages pure.
- B** Beth Oljar 15:23
This is why the only thing we need to know about organic chemistry is a fact about - Carbon makes four bonds.
- D** Danielle Maxwell 15:28
That's the only thing, if you mess that up - (laughs)
- J** James Tubbs 15:32
When in doubt, scream "resonance". That's what I remember. That's what I remember about organic chemistry.
- D** Danielle Maxwell 15:36
If you make five bonds of carbon, you hear him screaming down the hall.
- B** Beth Oljar 15:40
Carbon is a bad name for a female that starts with "W". That's all you need to know about organic chemistry.
- M** Matt Mio, Ph.D. 15:48
It loves to make bonds with other elements.
- B** Beth Oljar 15:50
So, I asked Matt, "Is this because, like, carbon is the basis of life?" and he said, "It also bonds - (the professors laugh) with some other elements"
- M** Matt Mio, Ph.D. 16:01
It gets around. It gets around. Which group - I'm sorry, performance group, musical group, had the most number two hits without ever hitting number one on the American Billboard chart?

D Dave Chow 16:15
Credence?

M Matt Mio, Ph.D. 16:16
it was Credence Clearwater Revival. Yeah, how do you know that?

J James Tubbs 16:19
How did you get that?

M Matt Mio, Ph.D. 16:20
Wow.

D Dave Chow 16:20
I don't know they hung out with Archie Bunker. I don't know

M Matt Mio, Ph.D. 16:24
They had five number twos. Never went to number one.

D Dan Maggio 16:27
Wow.

B Beth Oljar 16:27
That's just weird

J Jeffe Boats 16:28
I can just hear him talking about the "long hairs"

D Dan Maggio 16:30
Was that based on knowledge, or was that a random guess?

D Dave Chow 16:32
No, I think it was like one of those \$10,000 Pyramid things, something, or a Jeopardy double, you know, whatever,

M Matt Mio, Ph.D. 16:37
Right, right.

D Dave Chow 16:38
Who knows

M Matt Mio, Ph.D. 16:39
Again. That was in a world where the data was very easy to follow - How many records did you sell last week?

D Dave Chow 16:44
Records. Vinyl.

M Matt Mio, Ph.D. 16:45
Right. You can't even ask that question anymore, right?

E Erin Bell 16:48
Downloads, streams.

M Matt Mio, Ph.D. 16:48
So, yeah. According to anatomy, how many hearts does an octopus have?

B Beth Oljar 16:55
Three



D Dave Chow 16:56
Eight?

M Matt Mio, Ph.D. 16:56
It says three. I know a lot of people said three there. So that is correct.

B Beth Oljar 17:00
I actually got a book for Christmas about a woman who - She's lost her husband and her son has disappeared, and she's working in an aquarium to get some extra money to make ends meet, and she develops this relationship with this octopus who actually figures out what happened to her husband and her son. It's called Remarkably Bright Creatures. And I'm like, "This is just odd enough of a premise that I would find it really interesting"

D Dan Maggio 17:31
It's not based on a true story, is it?

B Beth Oljar 17:34
I wouldn't think so.


D Dan Maggio 17:35
So, well, you never know.


M Matt Mio, Ph.D. 17:36
Everything's possible.


D Dan Maggio 17:37
They are smart animals.


D Dave Chow 17:39
It was a premise for shape of water.


D Dan Maggio 17:41


 Dan Maggio 17:41
Oh yes.

 James Tubbs 17:43
Well, with the little genetic engineering, the octopus might be able to donate one of its hearts to whoever needs it.


 Matt Mio, Ph.D. 17:49
That's right.

 Beth Oljar 17:49
Let's not give cardiologists that idea, or we may be more in danger -


 James Tubbs 17:52
Oh no, they're already doing it with pigs.

 Dave Chow 17:54
Hey, come on, the octopus at the aquarium at Belle Isle is gone now, all of a sudden.

 Danielle Maxwell 18:00
What happened?

 Dave Chow 18:00
I don't know.

 Danielle Maxwell 18:01
Okay,

 Matt Mio, Ph.D. 18:02
It's not there anymore.

D Dave Chow 18:03
Well, you know, they don't last that long. 35 years

D Danielle Maxwell 18:03
Oh,

M Matt Mio, Ph.D. 18:05
There was a little sign up that said, "Gone fision"

D Dave Chow 18:07
Yeah, F, I S, S, I O, N, right?

M Matt Mio, Ph.D. 18:10
Yeah, exactly. How many times a year does the average person blink?

D Dan Maggio 18:17
Whoa!

J Jeffe Boats 18:18
Let's do this mathematically. Well, how many times a minute?

D Dave Chow 18:21
Are we talking Gilbert Gottfried or real people? (Matt laughs)

D Dan Maggio 18:24
How many times in a minute?

J Jeffe Boats 18:25
Because then there's (begins to sing) "525,000". (Laughs)

D Danielle Maxwell 18:29
Yep, maybe 20 times a minute.

J Jeffe Boats 18:31
Eight times a minute would be 4 million.

D Dan Maggio 18:33
I'll go with that.

B Beth Oljar 18:35
If you can't do math, see RENT

M Matt Mio, Ph.D. 18:37
Honestly, I think you're close. It says 10 because the average person blinks 20 times every minute.

D Dave Chow 18:45
So but how many hours are you awake?

J James Tubbs 18:48
Ah!

D Danielle Maxwell 18:49
Ah! There's something we've gotta take into consideration.

J James Tubbs 18:53
Yes

D Dave Chow 18:54
For those of us don't sleep much

For those of us don't sleep much,

- J** James Tubbs 18:55
And that's a very crude average.
- D** Danielle Maxwell 18:57
And what day of the week are we talking about?
- B** Beth Oljar 18:59
Assume most people sleep eight hours and then deduct
- D** Dave Chow 19:01
Eight?
- B** Beth Oljar 19:02
Well -
- D** Danielle Maxwell 19:03
That's generous.
- B** Beth Oljar 19:04
Yeah,
- J** James Tubbs 19:04
That is very generous.
- M** Matt Mio, Ph.D. 19:06
You are all killing me right now.
- D** Dan Maggio 19:07

How do they define blink? Can you blink while you're sleeping?

M Matt Mio, Ph.D. 19:10

I don't think so

J James Tubbs 19:11

Not if they're already closed.

D Danielle Maxwell 19:12

Probably an open and a close.

B Beth Oljar 19:13

Yeah. R.E.M doesn't count.

D Dan Maggio 19:15

I know that's an obvious definition, but -

D Dave Chow 19:17

Yeah

B Beth Oljar 19:18

Doesn't count as blinking

D Dan Maggio 19:19

You never know,

M Matt Mio, Ph.D. 19:19

Approximately 10 million times a year.

B Beth Oliar 19:21

I figured it had to be up in the millions, given the number of times we do it a minute. So Four, to me, is close, just by looking at, you know, you got to get in the ballpark for, you know, orders of magnitude. So I like that answer. What's the national animal of Scotland? Hint, this animal never existed in Scotland.

D Danielle Maxwell 19:42
Unicorn

M Matt Mio, Ph.D. 19:42
Yes

E Erin Bell 19:43
It's amazing.

B Beth Oljar 19:43
Then, why didn't they make Nessie their - ?

D Danielle Maxwell 19:46
Yeah,

D Dave Chow 19:47
Do you wanna know how many artists interpretations of that thing there are?

D Danielle Maxwell 19:52
Hmm?

D Dave Chow 19:52
Too many

B Beth Oljar 19:53
True.

M Matt Mio, Ph.D. 19:54
How many individual grapes make a standard bottle of wine?

D Danielle Maxwell 19:59
Oh, I used to know this.

D Dave Chow 20:00
Oh, let's go find out.

M Matt Mio, Ph.D. 20:01
We've haven't had this in a long time.

D Dave Chow 20:03
Let's go find out. Come on, Jim, let's get some wine

B Beth Oljar 20:05
I feel like we need to ask Lucille Ball this question,

D Danielle Maxwell 20:07
I wanna say it's like 3000 or something like that.

J Jeffe Boats 20:07
Yeah. (Laughs)

M Matt Mio, Ph.D. 20:11
3000 is a little high,

D Danielle Maxwell 20:12
A little high. Okay

A little high. Okay,

B Beth Oljar 20:14
2000

M Matt Mio, Ph.D. 20:15
Little high.

E Erin Bell 20:17
500

D Dave Chow 20:17
And these are some mighty juicy grapes.

M Matt Mio, Ph.D. 20:19
500 is getting way closer. It says this takes about 700 grapes,

E Erin Bell 20:23
That's not that many. Let's go make some wine,

M Matt Mio, Ph.D. 20:26
Probably from the same category - "counting things". How many individual edges are on the standard US dime?

J Jeffe Boats 20:34
Oh, you mean the little ridges on the side?

D Dave Chow 20:37
I remember this question.

R ...

J Jefe Boats 20:39
I'd guess about 88

D Dave Chow 20:41
77 isn't it?

J James Tubbs 20:42
I think 127

M Matt Mio, Ph.D. 20:44
Jim's a little closer. It's 118 - is what it says here. Sure.

B Beth Oljar 20:48
Somebody actually counted them, though,

D Dave Chow 20:50
Yes Somebody had to design the coin and say "Not 119!"

B Beth Oljar 20:55
"To four thou shalt not go."

M Matt Mio, Ph.D. 21:01
"Five is right out." (The professors laugh) Oh my gosh.

B Beth Oljar 21:07
Had to do the Monty Python.

M Matt Mio, Ph.D. 21:08
I'm gonna have to send you a - Someone sent me a fake cover of Time magazine last week.

D Dan Maggio 21:14
It was me. I just posted on Facebook. "Enchanter of the year".

M Matt Mio, Ph.D. 21:20
(Laughs) According to Jim Croce, what type of cars did "Bad Bad Leroy Brown" have?

J James Tubbs 21:27
A custom Continental and an Eldorado 2.

M Matt Mio, Ph.D. 21:29
That is exactly correct

D Dave Chow 21:30
Are we talking the Encyclopedia Brown, Leroy Brown?

M Matt Mio, Ph.D. 21:32
No the song. It's the song I think that if my wife, the pop presidential historian, was here, she would be like, "Um, actually - " but who was the only unmarried president, as in unmarried the entire time he was president.

J James Tubbs 21:43
Buchanan

M Matt Mio, Ph.D. 21:48
It was Jim Buchanan is who it was, yeah.

D Dave Chow 21:52
JB,

M Matt Mio, Ph.D. 21:53
15th president

B Beth Oljar 21:54
Should have -

J James Tubbs 21:56
because his niece had to act as First Lady.

M Matt Mio, Ph.D. 21:59
Yeah. and there was -

B Beth Oljar 22:00
but so did- I literally just finished a book called America's First Daughter, which was about Patsy Jefferson. Jefferson's wife died -

M Matt Mio, Ph.D. 22:08
Right

B Beth Oljar 22:09
before he became president. He never remarried

M Matt Mio, Ph.D. 22:12
Huh

B Beth Oljar 22:13
He made a deathbed vow to his wife to never marry again, because she didn't want, you know, another woman having dominion over her children?

M Matt Mio, Ph.D. 22:24
Sure

D Dave Chow 22:24
Well!

M Matt Mio, Ph.D. 22:24
Well, I think the thing about Buchanan is he wasn't married before, he wasn't married during, and he wasn't married anytime after. He was never married in his life.

B Beth Oljar 22:32
Oh, okay, so Jefferson actually was married,

M Matt Mio, Ph.D. 22:35
Yes

B Beth Oljar 22:36
Okay,

M Matt Mio, Ph.D. 22:37
According to the Oxford - Who would marry James, Buchanan? I don't know,

B Beth Oljar 22:41
Not one of our better presidents.

M Matt Mio, Ph.D. 22:45
According to the Oxford English Dictionary, there's only one word in the English language that ends in the letters M T,

J James Tubbs 22:53
Verklemt

J Jeffe Boats 22:54
Unkempt.

M Matt Mio, Ph.D. 22:55
Now you said unkempt. That's a word

J Jeffe Boats 22:57
That's got a P though.

J James Tubbs 22:58
That's got a P

D Dave Chow 22:59
I was gonna say prompt,

M Matt Mio, Ph.D. 23:00
M T

B Beth Oljar 23:03
I think Yiddish is not included.

J James Tubbs 23:05
Yeah too bad

M Matt Mio, Ph.D. 23:07
American English is the language that absorbs every other language that it touches.

J Jeffe Boats 23:11
Would this be like a number, a cardinal number of some kind.

M Matt Mio, Ph.D. 23:14
This is a... I would put it on a scale of one to 10 in terms of like, the frequency

this is a, I would put it on a scale of one to 10 in terms of, like, the frequency-

D Dave Chow 23:19
Commonality

M Matt Mio, Ph.D. 23:20
It's fairly common. It's actually a fairly common word,

D Dan Maggio 23:22
Really?

M Matt Mio, Ph.D. 23:23
You might see it when you see people in the morning and you're interacting with them in the morning,

J James Tubbs 23:28
Unkempt. No, that's gotta p though

D Dave Chow 23:30
no no no

M Matt Mio, Ph.D. 23:32
You're talking about what may have happened during the night while you were asleep,

J Jeffe Boats 23:37
Dreamt.

M Matt Mio, Ph.D. 23:37
"Drempt" is the word.





Dave Chow 23:39

Okay? I kept on thinking, it's gotta be a German word, right?



Danielle Maxwell 23:41

I said dreamt.



Matt Mio, Ph.D. 23:42

Oh did you? I'm sorry.



James Tubbs 23:49

And that's only because of bastardized English, because dreamed is the proper form of it.



Erin Bell 23:56

Well, that's the thing. I've had arguments with my kids about this, because they're like, "Oh, you know dreamed -"



James Tubbs 24:00

but with the English almost every "ed" word could be a T,



Jeffe Boats 24:04

yeah, like M-I- -X- T, any Scrabble player will tell you, is a word.



Erin Bell 24:08

Oh, yeah.



Matt Mio, Ph.D. 24:09

All right, for question 20.



Dave Chow 24:11

Uh- oh.

M Matt Mio, Ph.D. 24:12

It's kind of like a special question from all the other ones that we've done. I think we have just enough time to figure this one out. I'm gonna give you four things that happened in American history, and your job is to put them in order -

E Erin Bell 24:25

Oh, dear,

M Matt Mio, Ph.D. 24:25

from the earliest thing that happened to the most recent thing that happened. Does that make sense?

D Dave Chow 24:30

Sure.

E Erin Bell 24:31

Okay.

M Matt Mio, Ph.D. 24:32

Jackie Robinson announces his retirement from Major League Baseball. The Big Mac hamburger is introduced. (I love Steve's thinking) The world's first Kmart opens in Garden City, Michigan, (of course, where Steve is writing the questions from).

D Dave Chow 24:45

Okay, What are you guys doing - wincing? What's going on here

D Danielle Maxwell 24:53

I'm trying to plot it out in my head.

M Matt Mio, Ph.D. 24:54

And last, but not least, Tina Fey is born.

B Beth Oljar 24:58
Oh,

D Dave Chow 24:59
I think Tina Fey was born.

M Matt Mio, Ph.D. 25:01
Which one is the earliest of those things?

J James Tubbs 25:04
Kmart

D Dave Chow 25:04
I'm gonna go with Tina Fey,

D Dan Maggio 25:05
I would say Kmart.

B Beth Oljar 25:06
Jackie Robinson.

D Danielle Maxwell 25:07
Jackie Robinson,

J James Tubbs 25:08
When did he retire from baseball.

E Erin Bell 25:10
I'm going to go with Big Mac?

D Dave Chow 25:11
In the 70s, I think.

M Matt Mio, Ph.D. 25:13
Jackie Robinson retires. Big Mac comes out. World's first Kmart opens. Tina Fey is born

B Beth Oljar 25:18
I was right. It was Jackie Robinson

M Matt Mio, Ph.D. 25:20
Whoa- whoa! I didn't give the answer. That was just the list. That was just the list.

J James Tubbs 25:24
K-mart not Kresge Okay, let's see K Mart.

M Matt Mio, Ph.D. 25:28
I will go one more step. One of these things happened in January of 1957

B Beth Oljar 25:34
That sounds like big Mac

D Dan Maggio 25:34
That sounds like K Mart.

D Dave Chow 25:36
Okay, yeah, okay, because Tina Fey is not that old

E Erin Bell 25:39
yeah. She's like, around, yeah,

J James Tubbs 25:41
No. Tina Fey is not that old,

D Dave Chow 25:44
50 top

J James Tubbs 25:45
57

D Dan Maggio 25:46
so she was born in 70

J James Tubbs 25:48
I think Kmart.

M Matt Mio, Ph.D. 25:49
The logic of the professors here is fascinating.

D Dan Maggio 25:52
Big mac, Tina Fey

E Erin Bell 25:54
I don't think Tina Fey is that old.

D Dave Chow 25:55
No, Tina Fey's definitely born in the late 60s, 70's.

M Matt Mio, Ph.D. 26:00
Competition with Tina Fey's... to... all... of the... that..."

So sometimes it's a little hard for me to hear when you're all talking at the same time, but I still think it's fun, because that's academics. But the first thing that happened on the list- January 1957 was when Jackie Robinson announced his retirement.

J James Tubbs 26:12
Okay, then I would say K Mart was after - the next

M Matt Mio, Ph.D. 26:14
Kmart was number two.

E Erin Bell 26:15
All Right, Nice.

M Matt Mio, Ph.D. 26:16
That was January of 1962

D Dave Chow 26:18
Then Big Mac.

M Matt Mio, Ph.D. 26:19
Big Mac was 67

J James Tubbs 26:21
And then Tina Fey

M Matt Mio, Ph.D. 26:21
Tina Fey was born in 1970

J Jeffe Boats 26:24
See, the key here is Robinson, I think he joined the Dodgers in 47 but he'd already been playing several years.

D Dave Chow 26:29
Okay, Yeah. Okay,

J Jeffe Boats 26:30
He was older,

M Matt Mio, Ph.D. 26:32
Yeah. I got confused because I was superimposing other ball players over Robinson.

J James Tubbs 26:36
Big Mac came out in response to the Whopper, which was in, I think 63

E Erin Bell 26:40
I just want a cheeseburger now

M Matt Mio, Ph.D. 26:40
There you go.

D Danielle Maxwell 26:42
I know

E Erin Bell 26:43
It comes back to food.

D Dave Chow 26:45
Always comes back to food.

M Matt Mio, Ph.D. 26:46
A cheeseburger sounds really, really good.

D Dave Chow 26:48
Oh, speaking of which, did you guys see the order for Girl Scout cookies?

B Beth Oljar 26:51
Does one of the Bell girls sell?

E Erin Bell 26:53
Violet Bell sells cookies.

D Danielle Maxwell 26:55
You bring in the form. You've gotta -

D Dave Chow 26:56
form? Who's got time?

D Danielle Maxwell 26:58
Well, there's a digital form now.

E Erin Bell 26:59
It's all digital

D Danielle Maxwell 27:00
There's a digital form now

M Matt Mio, Ph.D. 27:01
Wait. Don't tell me that the cookies are digital.

E Erin Bell 27:04
Right

M Matt Mio, Ph.D. 27:05
Then we'll be in real trouble.

E Erin Bell 27:06
You get a non fungible cookie.

M Matt Mio, Ph.D. 27:11
Non fungible token

D Danielle Maxwell 27:11
Fungible,

D Dave Chow 27:11
fungible.


M Matt Mio, Ph.D. 27:14
We will have an entire question set in the future on fungibility. But until then, the time has come to say goodbye. Professor Maxwell,


D Danielle Maxwell 27:22
Adios.


M Matt Mio, Ph.D. 27:23
Professor Bell,


E Erin Bell 27:23
Goodbye.


M Matt Mio, Ph.D. 27:24


 Matt Mio, Ph.D. 27:24
Professor Chow,


 D Dave Chow 27:25
see ya.


 M Matt Mio, Ph.D. 27:25
Professor Tubbs,


 J James Tubbs 27:26
farewell.


 M Matt Mio, Ph.D. 27:27
Professor Maggio,

 D Dan Maggio 27:28
I'm a fun guy.


 M Matt Mio, Ph.D. 27:29
Professor Oljar,

 B Beth Oljar 27:30
Goodbye


 M Matt Mio, Ph.D. 27:31
and Professor Boats,

 J Jeffe Boats 27:32
Not a fungible thing.




 Matt Mio, Ph.D. 27:33

And now these words,

 Announcer 27:35

You can email, Ask The Professor at ATP@UDMercy.edu, or visit the Ask The Professor Facebook page.

 Matt Mio, Ph.D. 27:37

Ask The Professor is produced and directed by Michael Jayson and Brian Maisonville, and our executive producer is Professor Jason Roche. Until next week, I'm your host Matt Mio.