# atp 2507

Sat, Oct 19, 2024 5:22PM 🕒 29:48

#### SUMMARY KEYWORDS

zero sugar, symbolic logic, woodsy wedding, Halloween preparation, NHL goalie, TV catchphrases, McNichols campus, step vs pace, furlong definition, parsec distance, astronomical unit, angstrom measurement, concert memories, Woodstock reference, Elton John concert

#### SPEAKERS

Professor Mike, Jeffe Boats, Heather Hill, Dave Chow, Matt Mio, Ph.D., James Tubbs, Dan Maggio, Beth Oljar, Stephen Manning, Announcer



#### 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, wearing bright green, (it suits her well). It's Professor Beth Oljar,



Beth Oljar 00:22 Good to be here.



#### Matt Mio, Ph.D. 00:23

Yeah. You're like, the lime green machine today.

D



Dave Chow 00:26

Green is my favorite color.

Zombie colors, zombie colors

James Tubbs 00:29

Or like - key lime pie.

Matt Mio, Ph.D. 00:30 Yeah. Is it your favorite color?

> Beth Oljar 00:31 Mm-hm.



#### Matt Mio, Ph.D. 00:31

Oh, okay Hence the glasses. It suits you, like, just very well. And I didn't, I mean, I knew the glasses too, but now that you say it and, like, the whole thing comes together. Very nice,

B Beth Oljar 00:42 Cool.



Matt Mio, Ph.D. 00:43

How is everything going in the world of Zero Sugar Snapple and philosophy,

B Beth Oljar 00:48 Symbolic Logic?

Matt Mio, Ph.D. 00:49 Symbolic Logic, yep.

B Beth Oljar 00:50 All is going well,

Matt Mio, I	Ph.D.	00:51
Good.		

Beth Oljar 00:52

Started on proofs. They don't yet believe me that proofs are fun but it'll happen.

Matt Mio, Ph.D. 00:57 It'll happen



Beth Oljar 00:57 Eventually.



Matt Mio, Ph.D. 00:58

We're almost at midterm. I can't even believe I just said those words. But just this semester.



Beth Oljar 01:04

Gotta start planning distribution of exams and due dates and all that stuff.



#### Matt Mio, Ph.D. 01:07

Oh yeah, good stuff. Good stuff. Also wearing a different shade of green, if you don't mind, Professor, Heather Hill,



Heather Hill 01:16 Hey



Matt Mio, Ph.D. 01:17 it's sort of olive, right? It is your favorite color.



Heather Hill 01:21 Oh, I love green, yeah.

Beth Oljar 01:22 Well, blue, though, too. Heather Hill 01:24 I like blue. Purple's pretty good as well.

Matt Mio, Ph.D. 01:27

Oh, yeah. So a lot of the spectrum covered.

Heather Hill 01:29 No, no, I do like green a lot as well. Yes,

Matt Mio, Ph.D. 01:31 Oh, that's cool. You have a green thumb.

James Tubbs 01:33 How about vermilion?

Heather Hill 01:34 Chartreuse,

Dave Chow 01:36 Aubergine, again,

Heather Hill 01:37 Aubergine, yes,



## Matt Mio, Ph.D. 01:40

Tell everybody now that the cat's out of the bag, about the shade of color your daughter's wedding dress was

Heather Hill 01:47 Black

M	Matt Mio, Ph.D. 01:48 Yes,
H	Heather Hill 01:49 Very formal black dress, strapless.
В	Beth Oljar 01:52 Oh no, it's black.
	James Tubbs 01:52 Was it part or all black?
М	Matt Mio, Ph.D. 01:54 It was definitely black.
5	Stephen Manning 01:55 It wasn't a shade of black
H	Heather Hill 01:56 She had a whole aesthetic going on for her outdoor, woodsy wedding,
M	Matt Mio, Ph.D. 02:02 Woodsy wedding. That's cool.
В	Beth Oljar 02:03 And when we went to pick it up, where I went with Heather and we're in the dress shop, and I got a glimpse of the dress, I'm like, "It's black?" really loudly

- Haathar Hill 02.12

DIGCK.

Heatner Hill 02:12 I know.

Beth Oljar 02:12 And Heather's like, "It's a secret"



Matt Mio, Ph.D. 02:17 Beth did not post it on social media.

Heather Hill 02:19 No she did not. Yeah,

Matt Mio, Ph.D. 02:21 Exactly.

Heather Hill 02:22 It was, um, it was quite the affair.

Matt Mio, Ph.D. 02:25 Nice.

James Tubbs 02:26 Well, it looked good in the pictures

H He

Heather Hill 02:27 I think so, Thank you Matt Mio, Ph.D. 02:28 Exactly.

Heather Hill 02:29 Thank you.



# Matt Mio, Ph.D. 02:30

Professor Stephen Manning is also here with us. What's going on, Stephen?

5 Ste

Stephen Manning 02:33 Hello, Matt.



# Matt Mio, Ph.D. 02:34

I think I heard some whispering about maybe inflation, something about the end of the world. And then -



Stephen Manning 02:39 (Laughs)



Matt Mio, Ph.D. 02:41 Thanks for laughing.

D Dave Chow 02:43 But we have ball games tomorrow.



Matt Mio, Ph.D. 02:45 That was my Lord Of The Rings reference,

Jeffe Boats 02:48 October tTgers.



#### Matt Mio, Ph.D. 02:49

Yes, now, I see a tiger with Professor Dave Chow, but I'm pretty sure it's a Medicine Hat Tiger.

Dave Chow 02:54 Yes, it is.

Matt Mio, Ph.D. 02:55 It is. But you know what? It doubles and it's beautiful.

Dave Chow 02:58 Oh, it does. Okay, sure.

Matt Mio, Ph.D. 02:59 Yeah, exactly.

Dave Chow 03:00
 Pleasure to be here, as always.

Matt Mio, Ph.D. 03:01 Excellent.

D

Dave Chow 03:01

Your son was mowing the lawn today, very nicely.



## Matt Mio, Ph.D. 03:04

Yeah, he sent me a picture of - after I said, "Make sure you adjust the deck so we don't go too high or too low". He's like, "Both of the tabs broke off." I'm like, "Did you mow the lawn?" "Yeah". I'm like, "Oh God"

Dave Chow 03:17

It's good he did not leave any furrows.

Matt Mio, Ph.D. 03:19 Okay,

Dave Chow 03:19
 I made sure of that. You're okay.

Matt Mio, Ph.D. 03:20 Thanks for observing.

Dave Chow 03:22 Not a problem.

S Stephen Manning 03:24 But he broke something.



Matt Mio, Ph.D. 03:25

Yeah, well - He broke two things. Yeah. It's a long story, but, uh - I've never had a new lawnmower in my entire life. It's not like you're, you know, you're supposed to get one, but, yeah, I just always have cast offs, and that's the way that the story ends

Heather Hill 03:26 He broke two things.



Stephen Manning 03:41 You can borrow Dave's , you're close enough.

Matt Mio, Ph.D. 03:42 Apparently.



#### Dave Chow 03:43

No, no. Mine's third strings.

Matt Mio, Ph.D. 03:44 Oh, okay.

Beth Oljar 03:46

Some of us just throw money at it until It goes away.

Matt Mio, Ph.D. 03:49 Well, so do I, but very little because it's my son.



James Tubbs 03:53

Some of us live in a condo and watch somebody else mow.

B Beth Oljar 03:56 That's what I do.



Matt Mio, Ph.D. 03:57 Those are the dulcet tones of Professor Jim Tubbs



James Tubbs 04:00

Hello - through the tentacles of all microphone stands.



#### Matt Mio, Ph.D. 04:05

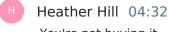
Professor Dan Maggio is here. Feather bowling tonight?



#### Dan Maggio 04:10

Well, like, I won't call out this particular store, but they have mastered this. Here's a shirt that was made in Vietnam for \$2. The manufacturer suggested price is 120, and we're gonna knock

was made in victuan for \$2. The manufacturer suggested price is \$20, and we re gointa knock 50% off and then give you a \$10 coupon. Oh, wow, no, no, it's still expensive.



You're not buying it.

D Dan Maggio 04:33

So - yeah, I - Yeah. So those are the same price.



James Tubbs 04:36

"Today only - get 20% off of our 350% markup"



Professor Mike 04:42

Well, does anyone really know how to sew their own clothes anymore?



Beth Oljar 04:45 Yes, Heather's daughter does.



Dan Maggio 04:48 Somebody else is making me clothes.



Matt Mio, Ph.D. 04:50 Yeah, exactly.



Professor Mike 04:51 So there's really no other option.



Dan Maggio 04:54

You're right. But if you do make - if you can make clothes someday, I'll give you my business.

...... 04 50 Matt Mio, Ph.D. 04:59 Oh, yeah.

Heather Hill 05:01 What do you need made?



Dan Maggio 05:02 anHuh?

Heather Hill 05:02 What would you like made?

Matt Mio, Ph.D. 05:04 Some shorts. Some short pants.

Beth Oljar 05:07 Olivia sews. She's great at making her own clothes.

Dan Maggio 05:10 She crochets, though

Beth Oljar 05:13 No, no. She can sew

Heather Hill 05:15 She sews, she weaves, she crochetes, She does it all

Matt Mio, Ph.D. 05:18 All right. В

Beth Oljar 05:18 She's a renaissance goth girl.

Dave Chow 05:20 Well,



Heather Hill 05:21 That's a good way to describe her.

М

Matt Mio, Ph.D. 05:22 Oh. I like that. I like that.



Dan Maggio 05:25 Did you start preparing your home for Halloween?



Matt Mio, Ph.D. 05:28

We're on the way. We're a little bit behind. I usually like to try to have everything ready to go. What's funny is - of course, the sun, last time I checked, is going down a little earlier. And mostly I'm in my office grading, and I'll hear like the little chirps of small children in the dark, right? Because it's really only seven o'clock, 7:30- like, looking at what I've got coming down the -

H

Heather Hill 05:48 That's so sweet



# Matt Mio, Ph.D. 05:49

down the pike, so it's cute, and we should have everything ready to go by Sunday. Fingers crossed. We'll see. We're joined by a special guest panelist today. Can we call you Professor Mike?

Professor Mike 05:59 Uh - sure.



#### Matt Mio, Ph.D. 06:01

(Laughs) Excellent. Professor Mike is here. Thanks for chiming in about the clothes making. I wish that we could figure out the matrix on clothes making, because I have friends who actually make all their kids their own clothes.



Professor Mike 06:15 Well, clothes are a social construct.



Matt Mio, Ph.D. 06:18 No question about that. .



Jeffe Boats 06:20 (Laughs) And we must revolt.

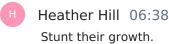


#### Matt Mio, Ph.D. 06:21

No question about it. And there's just something about - I don't know, like - 16 weeks of shoes not lasting as long as they used to, and then your kid grows up and you need to buy him new shoes, and it's just throw money at it.

James Tubbs 06:21 Do tell! (Laughs)

Matt Mio, Ph.D. 06:25 Just wrap them in sackcloths and -





Beth Oljar 06:39

I don't think it's as common for - My mom sewed a lot of my clothes when I was younger.

Matt Mio, Ph.D. 06:43 Yeah

Beth Oljar 06:43 But I don't think it's as common anymore -



Matt Mio, Ph.D. 06:44 Not at all



Beth Oljar 06:45 as it was when I was growing up.



Jeffe Boats 06:46 I think my mom only sewed the Halloween costumes.

Matt Mio, Ph.D. 06:51 Oh, sure,



Jeffe Boats 06:51 That was a tradition.

Matt Mio, Ph.D. 06:53 Absolutely.



Professor Mike 06:54 Halloween costumes were fun.



Matt Mio, Ph.D. 06:55

Yeah, exactly. So that's the voice of Professor Jeffe Boats who just so happens to be related to Professor Mike. Professor Mike, what was the last Halloween costume you remember that you

wore?



Professor Mike 07:07 Like a specific cost -?

Matt Mio, Ph.D. 07:09 Yeah, yeah.



Professor Mike 07:10 Costume?



Jeffe Boats 07:10 A fun one you remember



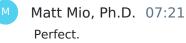
Matt Mio, Ph.D. 07:12 Yeah. What's any one that you remember that you dressed up as

Professor Mike 07:15 I wore a mask last year -



Matt Mio, Ph.D. 07:18 Okay

Professor Mike 07:19 and dressed up in dark clothes -



Р

Professor Mike 07:22

because there comes an age when you just got to start terrifying young children

M M

# Matt Mio, Ph.D. 07:28

I completely agree

# Jeffe Boats 07:29

I think the rules are changing now,



# Matt Mio, Ph.D. 07:31

Yeah, exactly. So you move, frankly, from the plastic pumpkin bucket to the pillowcase. I mean, that's, that's the upgrade, the main upgrade,



#### Professor Mike 07:39

Yep, and for some reason they go missing halfway through November.



#### Matt Mio, Ph.D. 07:45

Yeah, absolutely. Folks, this is a program where you could send us questions regarding anything. If you stump the panel, you win a prize. If you don't stump the panel, you win a prize. You can send us 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. We have the, uh - every once in a while, single question. I'm definitely looking in a decidedly Dave Chow direction.

Dave Chow 08:13 Oh crud



#### Matt Mio, Ph.D. 08:13

Bill Penn asks, Who is the first NHL goalie who got credited for scoring a goal?

Dave Chow 08:21 Was it Ron Hextall?

#### Matt Mio, Ph.D. 08:22

No, but for the record, Ron Hextall is sort of second on the list. Hextall of the Flyers, is the first goalie who directly scored a goal.



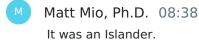
### Dave Chow 08:32

Oh, so it bounced off of somebody.



Matt Mio, Ph.D. 08:33 So it bounced off of the goalie before it went in.

Dave Chow 08:36 Clint Malarchuk



Dave Chow 08:39 Billy Smith



Matt Mio, Ph.D. 08:40 It is Billy Smith. I knew you'd know of him.

В

Beth Oljar 08:43 I would have given you credit just for the first guy.



Jeffe Boats 08:45 Malarchuk was a Nordique, was he?

Dave Chow 08:48 No,



# Jeffe Boats 08:49

I'm thinking of a different guy.

D

#### Dave Chow 08:50

No, no. Malarchuk was the guy who had his throat slashed. Remember?

J

# Jeffe Boats 08:54 Oh, him,

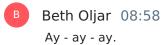
Dave Chow 08:54 Him

James Tubbs 08:55 By whom ?

D Dave Chow 08:56 By a skate.

D Dan Maggio 08:56 Did he survive?

Dave Chow 08:57 He survived.



Jeffe Boats 08:59 Oh, I remember that.



#### Matt Mio, Ph.D. 09:00

No thanks. No thanks is what I say.



Jeffe Boats 09:02 A lot of blood.



#### Matt Mio, Ph.D. 09:02

"Hey there, profs, hope you're all doing well. Here are a few questions on TV catch phrases, mostly 60s and 70s. Extra points, if you know the show, I threw in a gimme or two. 80% is passing. Our very good friend Fara Shimbo sent these questions in. I decided to add them to the bigger pile here, because I'm pretty sure we're gonna just tear through them.



James Tubbs 09:22 That's a B minus in my class.

Beth Oljar 09:28 Me too



Matt Mio, Ph.D. 09:28 Absolutley Um, "You've got some splaining to do".

James Tubbs 09:31 Oh, that was um,



James Tubbs 09:34 Yeah. Ricky Ricardo on I LOVE LUCY Jeffe Boats 09:37 "Lucy!"

Matt Mio, Ph.D. 09:37 "You've got some 'splaining to do". "Missed it by that much".

James Tubbs 09:43 Get Smart

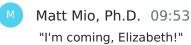
Beth Oljar 09:44 Get smart - Agent 99

> James Tubbs 09:46 99 was much better looking

D Dave Chow 09:46 86



D Dave Chow 09:53 And taller.



James Tubbs 09:57 Oh, uh



Matt Mio, Ph.D. 09:59 Yep. Sanford and Son. "What you see is what you get"

Professor Mike 10:06

I mean, it sounds like a comment about the perception of reality, but it's -

Matt Mio, Ph.D. 10:09 Absolutely, absolutely



Jeffe Boats 10:13

Have I mentioned that Beth's a philosopher. You've gotta talk to her later.



# Professor Mike 10:16

Yeah, I'm so philosophical that people often ask me if I'm high.



# Beth Oljar 10:23

Well, yeah, usually when students first read Descartes, they want to know if he was on drugs. Like -



Dave Chow 10:30 Or the right ones



#### Beth Oljar 10:32

Guys, this is one of the smartest people who's ever lived, I mean seriously, ever.



Professor Mike 10:38 My answer is, I wish. Heather Hill 10:40 Could you repeat the catchphrase again?

Matt Mio, Ph.D. 10:42 What you see is what you get.

James Tubbs 10:44 Oh, geez. Who was that?

**.** .

М

Heather Hill 10:44 Thank you. What you see is what you get.

Matt Mio, Ph.D. 10:49 Sometimes, Geraldine said it.

Jeffe Boats 10:51 Geraldine?

James Tubbs 10:52 Oh.

Dan Maggio 10:53 That's Flip Wilson

Matt Mio, Ph.D. 10:54 Flip Wilson, yeah.

James Tubbs 10:55

Oh, on LAUGH IN. Yeah.

Dave Chow 10:57 No, no, no, he had his own show

> Matt Mio, Ph.D. 10:59 Yeah, he had his own show



Heather Hill 11:00 He had THE FLIP WILSON SHOW. He also used to advertise that flip top toothpaste.



Matt Mio, Ph.D. 11:07 It only makes sense. It only makes sense.



Heather Hill 11:10 Now, is that real? Or am I making it up?



Dave Chow 11:14 Wait, is this a Memorex commercial.



Beth Oljar 11:15 Even if it's only in your head, that doesn't mean it's not real.

Heather Hill 11:18 There you go. See it all comes back around

Beth Oljar 11:20 To Harry Potter,

Dave Chow 11:21

Perception.

Matt Mio, Ph.D. 11:22

Dave Chow 11:26 Oh, Jetsons.
Heather Hill 11:27 Oh Jetsons. Yeah, yeah.

How about "Stop this crazy thing". I can't do the voice right, "Stop this crazy thing"

Matt Mio, Ph.D. 11:31 "And why should I care?" This is actually a more recent one,

Dave Chow 11:37
 Jim, that's on your syllabus. (The professors laugh)

Jeffe Boats 11:41 I'll say Roseanne. No?



Matt Mio, Ph.D. 11:43 it's an animated show in the modern era. Little kids still watch it right now.

D Dave Chow 11:49 Oh, like Family Guy?

Matt Mio, Ph.D. 11:50 It involves dogs, and it's not, uh -

Davis Chain 11.54

It's not Scooby Doo

Matt Mio, Ph.D. 11:55 No, it's not Scooby Doo

Heather Hill 11:57 Paw Patrol?

М

Matt Mio, Ph.D. 11:59

You'll see a lot of these at your front door this year - a lot of this costume.

В

Beth Oljar 12:03

Okay, That's from the show BLUEY. It's about a little blue dog. Bandit Heeler says that. Okay. "Just one more thing, sir" Colombo.

Matt Mio, Ph.D. 12:16 That's Colombo.



Heather Hill 12:17 Oh, that's great.

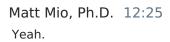
Dave Chow 12:18 Okay, Columbo. Is that Monk too that says that?

В

Beth Oljar 12:20 The Socrates of detectives,

Jeffe Boats 12:22

Monk's doing it as an homage to Colombo. Yeah



#### Beth Oljar 12:25

I thought the MONK movie was pretty good. I love that series. I watched it a couple of times, but the movie was really good too.



### Matt Mio, Ph.D. 12:32

How about - Oh, this is such a giveaway "Down, Dino Down".

James Tubbs 12:37 The Flintstones.

Dan Maggio 12:38 Yeah, The Flintstones

Matt Mio, Ph.D. 12:40 "I'm a doctor, not a - "

Heather Hill 12:41 Pool man,

Dan Maggio 12:42 Star Wars



James Tubbs 12:44 Plumber.



Matt Mio, Ph.D. 12:45 That's Leonard Bones McCoy Dan Maggio 12:47 Engineer?

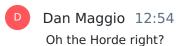


Beth Oljar 12:49 Thinking of the scene in Ace Ventura.



Dan Maggio 12:52 He said that?

Matt Mio, Ph.D. 12:52 Yeah, it was the Horde,



Dave Chow 12:55 Oh, Erin's gonna - She's gonna flip.



#### Matt Mio, Ph.D. 12:59

"And now here's the young man who tried to make monkeys out of all of us". This is an older one. Game showIsh kind of show.

Dave Chow 13:09 Like a Match Game?



Jeffe Boats 13:10 Groucho Marx.

Matt Mio, Ph.D. 13:12

Mm-mm. No. Apparently, it was the catch phrase, I mean, one of the more recent hosts who said it was Byrne Bennett on what show? It's an old one. It's an old one. "Kids Can Say The Darnedest Things"?

D

Dave Chow 13:22 What like" To Tell The Truth"



Matt Mio, Ph.D. 13:25

"To Tell The Truth" is what it was. Yeah, exactly.

D

Dave Chow 13:28 Gary Moore



Matt Mio, Ph.D. 13:30 Now I go back to Professor Boats. "Say the magic word, and the duck will come down".

Jeffe Boats 13:34 Groucho.



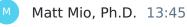
Matt Mio, Ph.D. 13:35 Groucho.

James Tubbs 13:36 Groucho Marx



Matt Mio, Ph.D. 13:38 "Anytime, anywhere, someone might walk up to you and say - "

Jeffe Boats 13:43 "Smile, you're on Candid Camera"



Very nice. "Look that up in your Funk and Wagnalls"

Dave Chow 13:49
 Wait a minute. That's what we say here. (Laughs)

S Stephen Manning 13:52 Rowan and Martin's Laugh-In

Matt Mio, Ph.D. 13:53 Laugh-In

D Dave Chow 13:54 Funk and Wagnall's

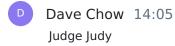
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Matt Mio, Ph.D. 13:56

Multiple possibilities here for "Objection, your honor", and that's a totally different thing for the younger generation.

James Tubbs 14:02 Perry Mason

Beth Oljar 14:03 Yeah, that was my first thought.



J Jeffe Boats 14:05

NIGHT COULT

Dave Chow 14:06 Judge Mathis

> James Tubbs 14:08 Matlock.

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Heather Hill 14:08 Matlock, I was gonna say that.

М

Matt Mio, Ph.D. 14:11 Help me out here, Mike. Do you play video games like - Phoenix Wright is the -

Jeffe Boats 14:17 Stand back

> Professor Mike 14:18 Are you talking about the Ace Attorney franchise?

М

Matt Mio, Ph.D. 14:20 Ace Attorney franchise. So it's actually a video game reference as well.

Р

Professor Mike 14:23 I got one chapter in to one of the games and quit it.

Matt Mio, Ph.D. 14:29 Oh, that's too bad.

Professor Mike 14:30

It was story-based, not gameplay.

Matt Mio, Ph.D. 14:35 That is true.

Professor Mike 14:36 I prefer a mix



Matt Mio, Ph.D. 14:38

I just think that it's funny that people in your generation play a story-based lawyer video game. That isn't a joke. That's a real thing.



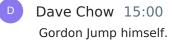
Professor Mike 14:45 I don't see the point in it either

Matt Mio, Ph.D. 14:48 Sure. I just think that it's funny.

B Beth Oljar 14:50 I mean, yeah,

Matt Mio, Ph.D. 14:51 One last gimme, "As God is my witness, I really thought turkeys could fly"

Beth Oljar 14:56 WKRP. "Oh, the humanity!"



#### Matt Mio, Ph.D. 15:02

Oh my gosh. Let's move on to another set of questions sent by our very, very good friend, Hank Durkin, friend of the show, friend of the college, friend to all

Dan Maggio 15:11

We just saw him last week



James Tubbs 15:12 Yes we did

Heather Hill 15:12 And he likes his martinis dry.

М

Matt Mio, Ph.D. 15:16 We have to remember that when we - okay.

Dan Maggio 15:19 send him martinis?

James Tubbs 15:20 And he likes his Palmetto cheese,

Dave Chow 15:22 And hopefully his home is dry too.



Matt Mio, Ph.D. 15:24

Hey, Hank says he "went to great LENGTHS to get these questions to MEASURE the Professor's DEPTH of knowledge. Okay,

James Tubbs 15:24 Yeah, Heather Hill 15:36 (Laughs), I love it Hank

Matt Mio, Ph.D. 15:37 That's the way he wanted me to say it

В

Beth Oljar 15:38 Thanks Hank

James Tubbs 15:38 Okay,

Matt Mio, Ph.D. 15:40 The McNichols Campus is how many acres?

Dave Chow 15:43 Whoa!



Beth Oljar 15:44 A couple hundred, at least.

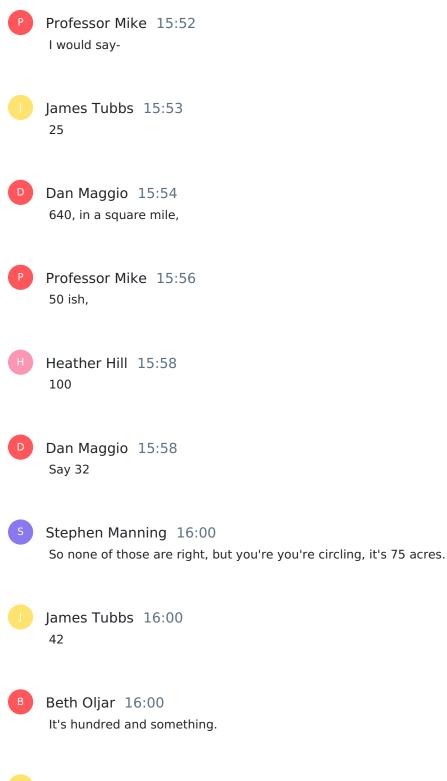
Dave Chow 15:45 8.5

Matt Mio, Ph.D. 15:46 it is not eight, and it's not a couple 100.



Jeffe Boats 15:48

Latte can Latte do this mathematically. There is 640 in a square mile



James Tubbs 16:05

We're circling the drone.

## Dave Chow 16:11

I'm thankful it wasn't in hectares.



# Beth Oljar 16:13

Because a student of mine, a couple years ago, when I was giving them extra credit for this, asked us a question about that that had to do with the acreage of the campus, and I remembered thinking, that's way too high. Whatever the answer was, it couldn't be that high. But



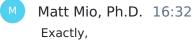
#### Matt Mio, Ph.D. 16:28

Maybe we were measuring in hectares, like, I don't know,



# Jeffe Boats 16:30

About a half mile by a quarter mile would do it





# Dave Chow 16:33 Or that was just the law school



#### Matt Mio, Ph.D. 16:34

Do you know the difference between what is defined as a step versus the definition of a pace.



#### Professor Mike 16:42

A pace is about a yard. A pace is a measurement. A step is just a general term.



#### Matt Mio, Ph.D. 16:56

I mean, you're really, really close, but they have it even more fundamental here, Mike. They say a stop is when you move one of your feet and a pase when you move two of your feet

say a step is when you move one or your reet and a pace when you move two or your reet.



Professor Mike 17:06

Yeah. But by that logic, just hopping with your feet together is a pace.



Matt Mio, Ph.D. 17:14 True, absolutely



Stephen Manning 17:15 I thought a pace would have to do with speed



Jeffe Boats 17:17 Is a pace is two steps then?



## Matt Mio, Ph.D. 17:19

I don't know if it counts as two steps because it says, you know, this is where we get mile from. Because I think most folks know that the route "milee" is 1000 and that counts for 5200 feet

Heather Hill 17:31 Depends on how big your feet are

James Tubbs 17:34 And how long your legs are.



Matt Mio, Ph.D. 17:35 I don't judge stuff like that.



### Professor Mike 17:37

Well, unless you're incredibly tall, 1000 steps isn't going to get you a mile, but 1000 two-steps - If a pace is two steps, that would be about a mile.

Matt Mio, Ph.D. 17:45 Yep. How long is a furlong?

Dave Chow 17:49 1.14 miles?



Jeffe Boats 17:53 No. 1/8 of a mile, I think.

М

Matt Mio, Ph.D. 17:54 It's an eighth of a mile. Yes. Can anybody define why that's significant is the question.

J

James Tubbs 18:00 They use it in horse racing. (Laughs)



Professor Mike 18:03

I know it's used in a measurement of term. Like, it's some measurement called an acre foot, which is one foot times one chain times one furlong



Matt Mio, Ph.D. 18:16 Mm-hm.

Heather Hill 18:16 Cool.



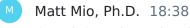
Matt Mio, Ph.D. 18:17

It has to do with plowing a field during medieval times. There's also a side note here that says, "In Italy, the acre was modified to six inches wide by 10,560 feet because it's the optimum size for growing spaghetti."

James Tubbs 18:32

I knew the Kentucky Derby was medieval.

P Professor Mike 18:36 I gotta start growing spaghetti in my yard.



(Laughs) You know that that's one of the greatest television era April Fools Day pranks

James Tubbs 18:45 Yes. Hanging spaghetti from the trees



Matt Mio, Ph.D. 18:47

It's time to harvest the spaghetti. How deep is a fathom?

P Professor Mike 18:52 A fathom?



Dan Maggio 18:53 Six feet?



# Matt Mio, Ph.D. 18:54

Six feet, yep, about the span of a sailor's outstretched arms. Unfortunately, it says, generally, a man's height. That's what it says here. How about a league?



Jeffe Boats 19:06 That's three miles, I think.



Dave Chow 19:09 Western or American, or National James Tubbs 19:11 20,000 leagues under the sea



Professor Mike 19:13

I'd say that it is about 1.1 - ish miles.



# Matt Mio, Ph.D. 19:18

I'm gonna give it to you, because it's about 7500 feet?

J

Jeffe Boats 19:21 Wow



# Matt Mio, Ph.D. 19:22

1.5 Roman miles, because the Roman mile is not the same as like the British mile and stuff like that. We do get the Captain Nemo reference here. That's pretty solid.



# Jeffe Boats 19:30

Mike's our ringer when we go to play Sporcle or Quizzo



# Matt Mio, Ph.D. 19:33 Nice, nice.

Beth Oljar 19:35 Good to have those



# Matt Mio, Ph.D. 19:36 How about the old nautical mile.

Professor Mike 19:37 Nautical mile, that's more 1.1 ish Matt Mio, Ph.D. 19:41 Yeah, it is

James Tubbs 19:43 1.1, I think.

М

Matt Mio, Ph.D. 19:43

6080 feet. Bonus question, why can't we just use a land mile?

Р

Professor Mike 19:49 Because of the waves.



### Matt Mio, Ph.D. 19:51

Mm-hm. We don't think much when we're driving on flat earth about the curvature, but you'd better be taking that into account if the water is quote - unquote level

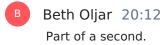
Dave Chow 20:01 Drive through Alberta or Nebraska.

М

Matt Mio, Ph.D. 20:04

Sure Nebraska is green. Got it. How about how long is a parsec?

P Professor Mike 20:11 Parsec is -



Professor Mike 20:13

A parsec is the distance between -

Dave Chow 20:20 The Kessel Run. (The professors laugh)

Matt Mio, Ph.D. 20:22 It does mention The Kessel Run.



Jeffe Boats 20:23 That's 12 parsecs.

Matt Mio, Ph.D. 20:24 Yes,



Dave Chow 20:25 (Laughs) Like I said, Where's Prasad? He's losing his mind right now



Beth Oljar 20:28 I'm thinking of A Wrinkle in Time.



### Jeffe Boats 20:29

I'm a little embarrassed, because the first class I ever taught was Astronomy, and I'm having trouble remembering



Dave Chow 20:34 Oh, no



### Matt Mio, Ph.D. 20:34

Yeah. I mean, you're getting in the in the zone there. It's about 3.26 light years, which by translation, is about 20 trillion miles. Is actually - it's just short of 20 trillion



## Jeffe Boats 20:34

It has something to do with an arc second.

Professor Mike 20:34 I'm guessing it's either a light second or the distance between the Earth and the Sun.

James Tubbs 20:42 Oh, right next door.

Dave Chow 20:57 Just a morning commute for us,

М

Matt Mio, Ph.D. 20:58 While we're on it, how far is an astronomical unit?

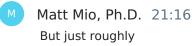
Р

Professor Mike 21:01 That would be the distance between the Earth and the Sun.

М

Matt Mio, Ph.D. 21:03 Yeah, that's 499 light seconds. So 149,597,870,700 meters,

James Tubbs 21:14 Roughly, roughly,



James Tubbs 21:16 Roughly,



### Professor Mike 21:18

That would mean an astronomical unit's length would change depending on the time of year.

М

Matt Mio, Ph.D. 21:23

That's right. At the other end of the scale - Well, how about an angstrom?

Р

Professor Mike 21:28 Angstrom. . I feel like that's a clothing store.

В

Beth Oljar 21:31 This is a measure of anxiety.

MN

Matt Mio, Ph.D. 21:33 It's just an angst,

J

Jeffe Boats 21:34

Now do they still use that one; because I learned angstrom as a kid, but now it's all nanometers.



#### Matt Mio, Ph.D. 21:39

It is nano. So the issue, because you're really close-



### Jeffe Boats 21:41

An angstrom's a 10th of a nanometer, I think



### Matt Mio, Ph.D. 21:43

Exactly. It's like 10 to the minus 10 is an angstrom which they used for a long time, but now we tend to use 10 to the minus nine because

Professor Mike 21:50

Also shouldn't it be Ongstrom? Cause the A's got a little circle over, right? It replaces angstrom.



Matt Mio, Ph.D. 21:54

. .....

- -

That's true. This is the measurement unit for the sizes of atoms electro- radiation



Professor Mike 22:00

Plank lengths. In laymen's terms, really, really, really, teeny, tiny

Dave Chow 22:06 Dinky,



Beth Oljar 22:07 Max Planck,



## Matt Mio, Ph.D. 22:08

Very important, if you are a computer chip. I'm not, but that's what I've heard. How about a philosophical finish? .



Dave Chow 22:16 Uh-oh, Beth.



#### Matt Mio, Ph.D. 22:17

Is it heavy year longer or shorter than a light year? (Laughs) If only there were video being taken.



## Dave Chow 22:22

Ohhh! Oh my gosh! The wrinkling of the eyebrows.

Beth Oljar 22:29 I have no idea.



#### Professor Mike 22:30

Are we talking heavy in the sense of weight or depressing here?

Dave Chow 22:33 Emotional, emotional,

H Hea

Heather Hill 22:36 Well, Hank -

Beth Oljar 22:36

Because then, if it's a second, then a heavy year would be heavier than a light year.

P Pro

Professor Mike 22:40

Is that just a joke or is there such a thing as a heavy year?

Matt Mio, Ph.D. 22:42 No, I don't think -



Heather Hill 22:44 Hank, those are some very deep questions.



#### Matt Mio, Ph.D. 22:47

Yeah, he went pretty deep on this. He really, you really, really did. So we have to go back to the family Burroughs list of Imponderables. We ask folks, Professor Mike, to name their favorite of something. And there's one here that we haven't gotten to, and I think it's gonna be kind of fun. Concert that you went to, or concert venue that you like to go to.



#### Beth Oljar 22:47

I was literally thinking of this the other day.

Professor Mike 23:03

I have never been to a concert before.

Dave Chow 23:10 What?



Jeffe Boats 23:10 You'll have to sit this one out, I think.

Beth Oljar 23:19 That's just wrong. How old are you?



Professor Mike 23:22 I'm 16.

Jeffe Boats 23:22 (Laughs) Thanks, Beth,

Stephen Manning 23:26 We've gotta get him to a concert.



Professor Mike 23:28

I'm going for Father of the Year, and you sabotage me. You're not supposed to fact check me, Beth.



Dave Chow 23:33 You're supposed to just drop him off and run.

Beth Oljar 23:35 Sorry about that. Heather Hill 23:36
 That was just a clarification. A fact check.

Professor Mike 23:39 I used to live near Pine Knob.

Heather Hill 23:41 Pine Knob is a nice place

Professor Mike 23:44 I almost went to a Weezer concert there.

Heather Hill 23:48 You know, Mike, this is not your fault.

Matt Mio, Ph.D. 23:49 Yeah.

Heather Hill 23:50 We're all looking in somebody else's direction.

James Tubbs 23:53 This is a parental lapse (Laughs)

Professor Mike 23:59 It's not his fault.

> Heather Hill 24:01 Let's lay off the parent here.



### Matt Mio, Ph.D. 24:03

It's been a long time since I've even been to what would classically be described as small or large venue concert, but I have to say, just to get us going, that I used to go to The Ark in Ann Arbor a lot, and that was very nice.



Dave Chow 24:16 Good call. Nice venue

Stephen Manning 24:17 To see?



Matt Mio, Ph.D. 24:18

Oh - - everything. You wouldn't believe me if I told you. You'd probably going to make fun of me, but I saw Béla Fleck & The Flecktones





Professor Mike 24:26 I don't know who that is.

Matt Mio, Ph.D. 24:27 That's okay.

S	Stephen Manning 24:29	
	l know who you're gonna say,	,

Heather Hill 24:30 No. You don't know what I'm gonna say.

D	Dave Chow 24:32 Ohh!
S	Stephen Manning 24:32 Really? Surprise me.



Matt Mio, Ph.D. 24:33 What is it?

H

Heather Hill 24:34 I'm not gonna say anything right now, because now you're pressuring me,

D

Dave Chow 24:38 Stephen! Oh!

В

Beth Oljar 24:40 I will go with - although there are many options for me to choose from.



Matt Mio, Ph.D. 24:44 There are

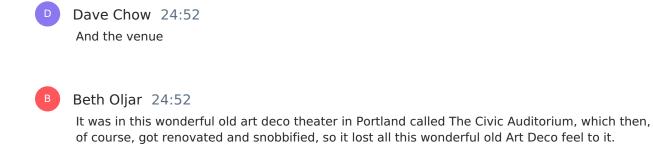
B Beth Oljar 24:45 I think the Go Go's.



Matt Mio, Ph.D. 24:47 Oh, okay



Beth Oljar 24:48 Based on the level of my fatigue at the end of the concert.



М

Matt Mio, Ph.D. 25:07 Aww!



Beth Oljar 25:07

but yeah, same place I saw Joe Jackson and -

D Dave Chow 25:09 Good call

Matt Mio, Ph.D. 25:11 Stepping out. Nice!

James Tubbs 25:13

Well, I'm the odd one out here because, I mean, a really prefer classical concerts

Matt Mio, Ph.D. 25:18 Sure,



James Tubbs 25:19

But, I think the most memorable concert I ever went to was when I was in college, and that was the month the Goodbye Yellow Brick Road album came out. I saw Elton John in concert. He is quite a showman.

 Matt MIO, Ph.D. 25:33 That's awesome.

Heather Hill 25:34 I bet he was



# Beth Oljar 25:34

One of the best albums of all time.



## James Tubbs 25:36

And - I hadn't heard a lot of the songs yet, because the album had just come out, and I was quite spooked at a few of them



## Dave Chow 25:46

Was he the opening act at The Palace? It was either he or Billy Joel, because I remember I saw them one weekend after another.

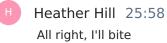


James Tubbs 25:52 Hmm,

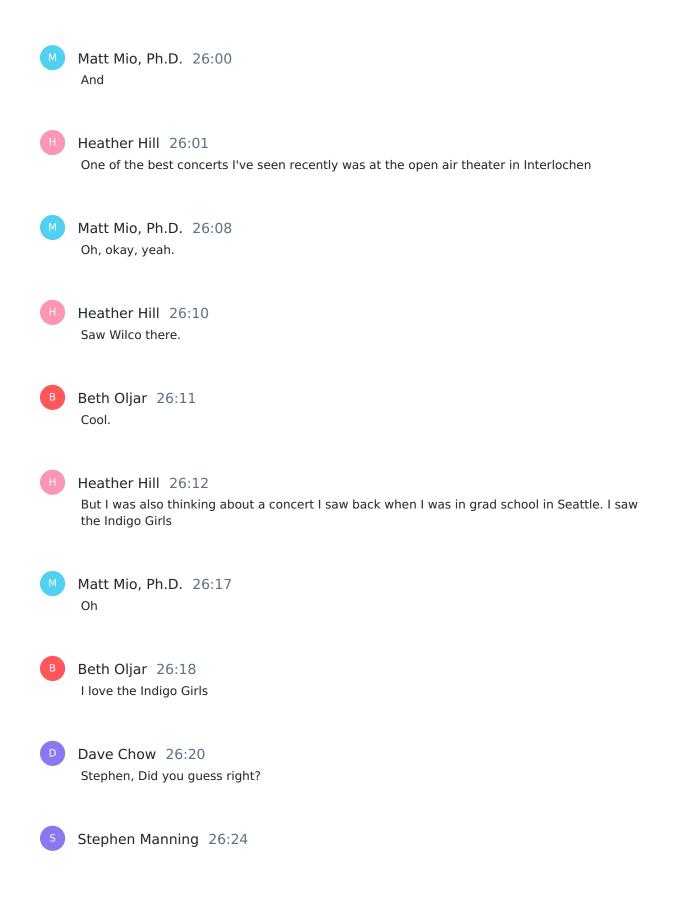


Matt Mio, Ph.D. 25:53 I don't know.

Stephen Manning 25:54 Couldn't remember



Dave Chow 25:59 Go.



Half so, yes

Heather Hill 26:26 Oh



## Stephen Manning 26:27

I knew she was gonna say Wilco. It was either there or I was gonna say the Wilco concert at Solid Sound in North Adams, Mass. this past summer.

H

## Heather Hill 26:27

That's the most recent concert that we've been to



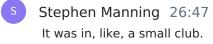
# Stephen Manning 26:30

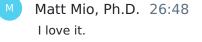
if I couldn't have done that, I would have done the, uh - I saw The Police

B Beth Oljar 26:43 Me too

S Stephen Manning 26:44 In Madison, Wisconsin, right before they became famous.

Matt Mio, Ph.D. 26:47 Wow.





Stephen Manning 26:49 And two months later, what's the first album Beth Oljar 26:53 Zenyatta Mondatta Stephen Manning 26:55 Zenyatta Mondatta came out. Matt Mio, Ph.D. 26:56 Nice Stephen Manning 26:57 And they played the whole thing. Of course, nobody knew this was on the album because it was a month or two out Matt Mio, Ph.D. 27:03 Right Stephen Manning 27:03 Yeah. So that was kind of cool, seeing someone who became that -Beth Oljar 27:07 I saw them tour when they toured for Ghost in the Machine. I saw that tour Matt Mio, Ph.D. 27:07 Yeah.



Heather Hill 27:11

You're not going to tell anybody about that other big concert you went to that starts with a W, are you?

М Matt Mio, Ph.D. 27:17 Other than Wilco? Stephen Manning 27:18 Oh, my gosh Dan Maggio 27:20 Taylor Swift? Stephen Manning 27:21 No. Dan Maggio 27:23 D Are you a Swifty? Stephen Manning 27:24 Summer of 1969 Jeffe Boats 27:25 Taylor Swift sucks. Matt Mio, Ph.D. 27:27 Woodstock? Stephen Manning 27:29



Yeah.

IOU WEIE AL WOOUSLOCK!



Dan Maggio 27:30 You were at Woodstock?

James Tubbs 27:33 Oh, you've grown in our estimation!

В

Beth Oljar 27:35 That is so cool.

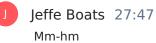


## Jeffe Boats 27:37

Here's a weird - my ancestor 11 generations back founded the town of Woodstock, New York. Back then, it was a supply depot during the Revolutionary War.



Beth Oljar 27:45 Before it was Yasgur's Farm?

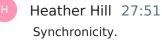




Beth Oljar 27:47 As the song would have it.



Dave Chow 27:49 Seven degrees of seperation from Woodstock?



**\_** <u>\_</u> · · · · <u>\_</u> <u>\_</u>

Stephen Manning 27:52 S Those were weird times. I joined the Navy.

Beth Oljar 27:56 So he should hae know about the nautical mile.

S Stephen Manning 27:58 And three weeks later, I was at Woodstock.

М Matt Mio, Ph.D. 28:01 Well-

В

D Dave Chow 28:01 You weren't in uniform. Were you? I mean,

Matt Mio, Ph.D. 28:04 Pardon me while I kiss the sky, but I'm afraid that-

James Tubbs 28:07 Were you there for all three days?

Stephen Manning 28:08 Yes,



James Tubbs 28:08



Matt Mio, Ph.D. 28:09 We are out of time, professors, I'm so sorry. The time has come for us to say goodbye. Beth,

В	Beth Oljar 28:15 Goodbye.
M	Matt Mio, Ph.D. 28:16 Heather,
H	Heather Hill 28:17 Bye bye.
Μ	Matt Mio, Ph.D. 28:17 Stephen,
5	Stephen Manning 28:18 Goodbye.
М	Matt Mio, Ph.D. 28:18 Dave,
D	Dave Chow 28:19 See ya
М	Matt Mio, Ph.D. 28:19 Jim,
	James Tubbs 28:20 Farewell.
Μ	Matt Mio, Ph.D. 28:21 Dan,

D	Dan Maggio 28:21 Goodbye.
Μ	Matt Mio, Ph.D. 28:22 Mike,
P	Professor Mike 28:22 See ya.
Μ	Matt Mio, Ph.D. 28:23 Jeffe
	Jeffe Boats 28:24 Happy trails,
М	Matt Mio, Ph.D. 28:24 and now these words,



# Announcer 28:25

you can email Ask The Professor at atp@udmercy.edu, or visit the Ask The Professor Facebook page.



### Matt Mio, Ph.D. 28:35

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.