MIT's Oldest and Largest Newspaper

thetech.com



SAT: 59°F | 42°F Showers

SUN: 58°F | 42°F

Friday, April 8, 2022 Volume 142, Number 7



Graduate students line up outside Walker Memorial to cast their votes in the Graduate Student Union election, Monday.

# MIT graduate students vote to unionize, 66 percent in favor

# Election comes after MIT declined to recognize union

By Shelley Choi NEWS EDITOR

MIT graduate students voted to unionize with the United Electrical, Radio, and Machine Workers of America (UE), Chancellor Melissa Nobles and Vice Chancellor Ian Waitz announced in an email to the MIT community April 6.

75% of 3,823 eligible graduate students voted, with 1,785 students (66%) voting in favor of unionization and 912 students (34%) voting against, according to results announced by the National Labor Relations Board (NLRB). Elections were held on April 4-5 in Walker Memorial's Morss Hall.

The MIT Graduate Student Union (GSU), the primary campaign organizers behind the path to unionization, also announced the win on Twitter. They noted that the "historic victory for studentworkers at MIT" was by a "landslide margin" and officially renamed themselves as "MIT GSU-UE." The GSU attached a photo of their first meeting four years ago where "a dozen students in an MIT classroom" were "discussing the needs of graduate workers."

The election comes after the GSU wrote a letter to the MIT administration asking to be "recog-

nized voluntarily" as the "official bargaining representatives for graduate workers." After the administration declined, the GSU wrote that "MIT administration hoped to delay our vote by triggering a lengthy legal process." In response, the GSU agreed to begin a "twostep election process" to "receive recognition" at the NLRB.

According to the GSU roadmap, the "organizing campaign does not ease up after an election victory." The next step is to negotiate a contract, which is the "real goal of the campaign." They wish to "secure a

Union Vote, Page 2

# Spicer and Ravikumar elected to serve as the next UA President and Vice President, respectively

Non-senior undergraduates also voted on class council members and three referendum questions regarding MIT

By Wenbo Wu

EDITOR IN CHIEF

David Spicer '23 and Shruti Ravikumar '23 were elected to serve as the next Undergraduate Association (UA) President and Vice President, respectively, UA Chair of the Election Commission Kelvin Green II '22 announced in an April 6 email to the MIT community. Spicer and Ravikumar ran against presidential candidate Ananya Gurumurthy '23 and vice presidential candidate Lexi So '23.

Green wrote that of the 1,753 ballots cast in the UA Presidential and Vice Presidential election, 914 (52.1%) ranked Spicer and Ravikumar first while 782 (44.6%) ranked Gurumurthy and So first. Green added that there was a "historic turnout" this election cycle, with 42.3% of the undergraduate student body casting ballots April 1-5.

Spicer and Ravikumar's platform addressed eight major topics, including increasing community well-being; reforming the MIT educational experience; increasing support for career and professional development; promoting diversity, equity, and inclusion; acting to achieve greater sustainability;

**UA Election, Page 2** 



**UA Presidential and Vice Presidential candidates** Shruti Ravikumar '23, David Spicer '23, Ananya Gurumurthy '23, and Alexandra So '23 answer student questions in the UA Debate, Monday.

CPW attendees celebrate the birthdays of their peers during the welcome event on Thursday.

#### **IN SHORT**

The last day to add half-term **subjects** offered in the second half of the term (H4) is April 8.

Fall 2022 building placements will be released for first years, sophomores, and juniors

The deadline to submit an application for the summer oncampus housing lottery is April 13.

**Campus** Preview Weekend ends April 10.

Interested in **joining** *The Tech*? Email join@tech.mit.edu.

**Send news and tips** to news@ tech.mit.edu.

## Meet the Prefrosh

MIT is hosting the first in-person Campus Preview Weekend (CPW) in three years Thursday, April 7 to Sunday,

CPW is a combined effort between MIT Admissions and campus academic offices, departments, student groups, and residence halls. In the past, CPW and the online variant, CP★ — has encompassed over 200 student-run events and around 60 academic events. This year's CPW guide includes more than 60 pages of events.

The Tech spoke with several CPW attendees about their experiences and impressions of MIT.

Michelle Park recounted meeting her CPW host, sharing that her host and all the upperclassmen she met were "screeching" in excitement to meet her. Park also enjoyed seeing the murals in Random Hall, where she is hosted. She said that meeting other admitted students was exciting; she had met several

students virtually at a summer camp last year, and remarked that Zoom had distorted peoples' voices and skewed her perceptions of their heights.

Shreya Chaudhary sat in on lectures for 6.115 (Microcomputer Project Lab) and 3.021 (Introduction to Modeling and Simulation) and attended The Tech's open house. She commented that everything at MIT felt "big" in contrast to her high school's graduating class of

Olivia Tang's first event of the day was Grillz and Hairdyeing, hosted by East Campus. She found the dorm to be "friendly" and full of "really nice people." One thing that surprised her was how social she found herself to be. MIT is her "dream school" and she commented that the people at the Institute are "very eccentric" and "matches [her] personality well."

— Srinidhi Naravanan and Wenbo Wu

#### **DEPARTMENT MISSION**

Educating students and informing public discussion of nuclear science and technology. OPINION, p. 4

#### **PETRICHOR**

Calm Mind. CAMPUS LIFE, p. 7

#### FIRST STEPS

AdMITs on their first taste of campus. CAMPUS LIFE, p. 7



#### **EVERYTHING**, **EVERYWHERE**, **ALL AT ONCE**

Laundry, taxes, and other mundanities found in the multiverse. ARTS, p. 6

#### **BAR MOXY**

Tropical drinks right in the heart of Boston.

ARTS, p. 6

#### **SECTIONS**

Opinion			.4
Arts			.6
Campus Life			.7
Sports			.8
Fun Pages			.9

2 THE TECH FRIDAY, APRIL 8, 2022

**WEATHER** 

# A fun but rainy CPW weekend

### By Ananth Shyamal

A large system of thunderstorms moved across the U.S. earlier this week and is now impacting the southeastern portion of the United States with a risk of severe thunderstorms. The same cold front extends up the coast into the Northeast with mostly cloudy weather and passing showers this weekend. Elsewhere in the country, pleasant weather and sunny skies dominate.

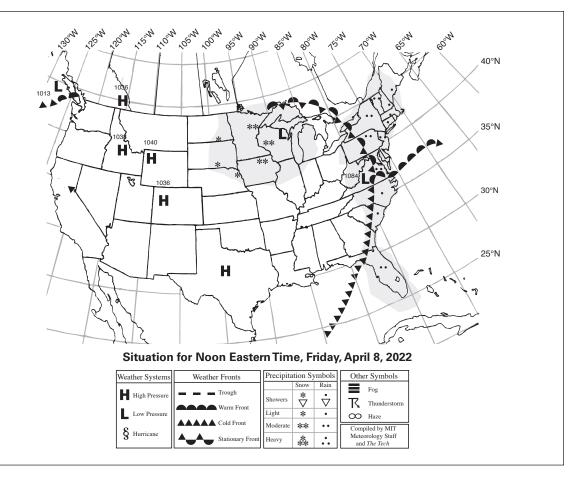
The weather during CPW weekend this year here in Boston will be rainy, with mostly cloudy skies. Sunny weather will make its return on Monday. It'll still be a great weekend with lots of fun events, but remember to pack an umbrella or raincoat!

#### **Extended Forecast**

**Friday:** Showers early, becoming partly cloudy. High around 62°F (16 °C) and low around 42°F (6 °C). Winds around 10 mph in the southwest.

**Saturday**: Cloudy with passing showers. High around 59°F (15°C), and low around 42°F (5°C). Winds around 12 mph in the southwest.

**Sunday**: Partly cloudy with passing showers. High around 58°F (14 °C), and low around 42°F (6 °C). Winds around 15 mph in the northwest.



# Administration shares same goals, looking forward to begin negotiations

Union Vote, from Page 1

union contract," which is a "document that the union and the employer negotiate and sign, covering everything from wages to how disputes will be handled."

Nobles and Waitz wrote in their email that they are "grateful to many members of our community on all sides of the debate" for engaging "constructively and respectfully in this conversation." They were "heartened" by the "clear commitment to the well-being and success" of students. They also shared congratulations for members of the GSU for their "four years of dedicated work that culminated in this election."

They wrote that they agree there are "areas where MIT can improve," and that they "share many of the same goals" as the GSU.

According to the GSU's website, these goals include "affordable housing, dental insurance, protections and benefits for international students, and fair and clear job expectations."

Nobles and Waitz wrote they expect MIT's representatives to meet with MIT GSU and UE leaders to "begin good-faith negotiations" over "terms and conditions of employment." They wrote that of the 12,000 MIT students (including those ineligible to vote), "less than a third" are represented by the union. They wrote the administration will "continue to uphold our responsibility to every student" and "work together" regardless of students' union affiliation.

The UE wrote on a Facebook post that this was "one of the biggest NLRB elections in the past few years." Ed Markey, the U.S. Senator from Massachusetts, tweeted his congratulations to GSU workers who "jointed together for the rights and protections they deserve." Bernie Sanders, the U.S. Senator from Vermont, also tweeted his congratulations, writing that he hopes "today's victory inspires a nationwide movement of workers on campuses fighting for better pay."

# Polls on endowment disclosure, fossil fuel divest, equal representation

**UA Election,** from Page 1

holding MIT accountable on both social and political fronts; increasing inclusivity, transparency, and engagement in the UA; and making mental health resources more "accessible, equitable, and diverse."

Gurumurthy and So's platform focused on their slogan, "Enable. Engage, Empower!" They wrote that they would "enable" students by ensuring "all student groups have a seat at the table" when the UA is making significant decisions or interacting with MIT administration; "engage" undergraduates by increasing the relevance and trans-

parency of the UA and collecting data to convince administration to make changes; and "empower" students by educating students about the MIT bureaucracy and increasing UA support for community members in need.

In addition to voting for the UA presidential ticket, the non-senior undergraduates cast ballots for their class councils.

535 students voted in the 2023 Class Council elections. Anna Sun '23, Christina Chen '23, Bhuvna Murthy '23, and Amanda Hu '23 were elected president, vice president, secretary, and treasurer, respectively. David Lu '23 and

Nisarg Dharia '23 were elected social chairs; Ashar Farooq '23 and McKinley Polen '23 were elected publicity chairs.

In the only contested class council race, Penny Brant '24 was elected president of the Class of 2024 with 56.2% of the 549 voters ranking her first while her opponent, George Bian '24, was ranked first by 32.4% of voters. Amelia Hu '24, Helen Wang '24, Waly Ndiaye '24, and Sarah Wei '24 were elected vice president, secretary, social chair, and publicity chair, respectively. In a write-in vote for the position of Treasurer, Paul Irvine '24 received the most (33) write-ins.

In the 2025 Class Council elections, 474 voters elected Anesu Nhamo '25, Arya Sasne '25, Grace Li '25, Ji Won Kim '25, and Yajvan Ravan '25, were elected president, vice president, secretary, treasurer, and social chair, respectively, while Miles Hartley '25 and Megha Vemuri '25 were elected publicity chairs.

Three referendum questions were also up for voting this election cycle. The first asked if MIT should "disclose the entire holdings of MIT's endowment investments, including specific funds/companies, to MIT community members on an annual basis"; the second asked if MIT should "divest from the fos-

sil fuel industry, defined as any company or entity whose primary business is the sourcing, extraction, production, and/or transportation of fossil fuels (coal, oil, or natural gas)"; and the third asked if MIT should "institute a standing committee with equal representation among undergraduate students, graduate students, alumni, and faculty to establish and enforce assessable ethical investing guidelines."

Among respondents who did not abstain, 89.2% (of 1,720) indicated "yes" to the first question, 92.8% (of 1,786) indicated "yes" to the second question, and 90.6% (of 1,707) indicated "yes" to the third question.



MAXWELL YUN—THE TECK

**Performers in** *The Curious Incident of the Dog in the Night-Time* **play**, put on by MIT LOST.



**Students sell crafts and stickers** to benefit Ukraine at a Nightmarket in Walker Memorial, Sunday.

FRIDAY, APRIL 8, 2022



Prefrosh students take a Mechanical Engineering tour around Pappalardo Lab on the first day of CPW, Thursday.

Students accepted into MIT's Class of 2026 arrive at Boston Logan Airport for Campus Preview Weekend, Thursday.

#### **Solution to Air Mattress**

 1
 6
 5
 8
 4
 3
 7
 9
 2

 5
 1
 9
 3
 8
 7
 2
 4
 6

 3
 8
 7
 1
 6
 5
 9
 2
 4

 4
 9
 8
 2
 7
 6
 1
 3
 5

 2
 7
 6
 9
 5
 4
 8
 1
 3

 8
 4
 3
 6
 2
 1
 5
 7
 9

 6
 2
 1
 4
 9
 8
 3
 5
 7

### 9 5 4 7 3 2 6 8 1 7 3 2 5 1 9 4 6 8 Solution to Welcome

from page 12

3	4	8	6	2	9	1	7	5
9	5	2	7	3	1		4	
6	7	1	4	8	5			
1	9	4	3	5	7	2	6	8
8	3	5	2	1	6	7	9	4
7	2		9					
2	6	9	5	7				
5	1	7	8	6	3	4	2	
4	8	3	1	9	2	6	5	7

## Solution to Happy

2 8 4 6 9 7 5 3 1 6 7 1 3 5 2 9 8 4 9 5 3 8 1 4 7 6 2 4 9 8 1 2 5 6 7 3 3 2 7 4 8 6 1 9 5 1 6 5 9 7 3 2 4 8 7 4 2 5 6 8 3 1 9 8 1 6 2 3 9 4 5 7 5 3 9 7 4 1 8 2 6

#### Solution to Prefrosh!

from page 12

3	6	5	4	1	2
4	1	6	5	2	3
5	2	1	6	3	4
6	3	2	1	4	5
2	5	4	3	6	1
1	4	3	2	5	6

### Solution to CPW!

6 2 8 3 4 1 9 7 5 7 3 9 4 5 2 1 8 6 5 1 7 2 3 9 8 6 4 2 7 4 8 9 6 5 3 1 1 6 3 7 8 5 4 2 9 4 9 6 1 2 8 7 5 3 9 5 2 6 7 4 3 1 8 3 8 5 9 1 7 6 4 2

#### Solution to Hue's Clues

From page 12

S P A N A C E D A B C S
T I R E C A V E C L E A R
E X E C O N E S T A N G O
P I N K D R I N K O C T E T
S E A S O N I R K

T S H I R T J A B S
S T A R S E P I C A U D I
N A M E G R A P H C R A B
I C E D L O S E O K A Y S
T O N S U N S N A P
P I E R E A L M S
A D O R N G R E E N B E A N
B E R E T L E A N H A L O
S P E A B U N T O O V E B



# Biz pays the bills

Join the Business Department of *The Tech* and earn \$12/hr! Email join@tech.mit.edu





#### Publisher

Kristina Chen '23

Editor in Chief Wenbo Wu '23

**Business Manager** Caroline Bao '23

**Managing Editor** William Xu '24

**Executive Editor** Chloe McCreery '23

NEWS STAFF

News Editors: Shelley Choi '23, Srinidhi Narayanan '24; Staff: Kylee Carden '23, Grace Song '23, Nicole Chan '24; Meteorologists: Trinity Manuelito '23, Phoebe Lin '24.

PRODUCTION STAFF

Editors: Arun Wongprommoon '23, Syd Robinson '25; Associate Editor: Angelina Zheng '25; Staff: Yichi Zhang G, Laney Flanagan '22, Alexis Huang '24, Katherine L. Pan '24, Grey Sarmiento '24, Jakin Ng '25.

SCIENCE STAFF

Editor: Laura Schmidt-Hong '23.

ARTS STAFF

Editors: Mindy Long '23, Erika Yang '23; Staff: Mureji Fatunde G, Lani Lee G, Vyshnavi Vennelakanti G, Alana Chandler '22, Rajiv Movva '22, Victoria Dzieciol '23, Jamie Fu '23, Anahita Srinivasan '25.

PHOTOGRAPHY STAFF

Editors: Maximo Machado '23, Cady
Boronkay '24; Associate Editor: Maxwell
Yun '21; Staff: Sophia Fang '22, Shinjini
Ghosh '22, Stephany Pang '22, Zoe Pasetsky '24,
Farin Tavacoli '24, Amina Abdalla '25, Olivia
Lee '25, Kate Lu '25, Alexa-Rae Simao '25,
Michele Gabriele.

CAMPUS LIFE STAFF

Editor: Paige Bright '24; Staff: Vivian Hir '25.

COPY STAFF

Copy Chief: Caitlin Fukumoto '24; Associate Editor: Jyotsna Nair '25; Staff: Stuti Khandwala '23, Michael V. Bhopaul '24, Denzel Segbefia '25, Alicia Yang '24.

BUSINESS STAFF

Advertising Manager: Alvin Chen '25; Operations Manager: Jamil Dellawar '24; Staff: Julia Situ '23, Christina Lee '25.

TECHNOLOGY STAFF

**Director:** Anirudh Rahul '24; **Staff:** Mario Leyva '22.

SOCIAL MEDIA STAFF

Staff: Frankie Schulte '24.

ADVISORY BOARD

Paul E. Schindler, Jr. '74, Barry S. Surman '84, Deborah A. Levinson '91, Saul Blumenthal '98, Daniel Ryan Bersak '02, Eric J. Cholankeril '02, Marissa Vogt '06, Austin Chu '08, Michael McGraw-Herdeg '08, Marie Y. Thibault '08, Angeline Wang '09, Jeff Guo '11, Anne Cai '14, Jessica L. Wass '14, Bruno Faviero '15, Kali Xu '15, Leon Lin '16, Kath Xu '16, Lenny Martinez Dominguez '17, Charlie J. Moore '17, William Navarre '17, Emma Bingham '19, Nafisa Syed '19, Aron Ricardo Perez-Lopez '20, Nathan Liang '21, Joanna Lin '21, B. D. Colen.

EDITORS AT LARGE

**Senior Editors:** Ben Kettle '22, Kevin Ly '22, Steven Ngo '22, Ana P. Reyes Sánchez '22, Daniel Zhang '22.

PRODUCTION STAFF FOR THIS ISSUE

Editors: Arun Wongprommoon '23, Syd Robinson '25; **Associate Editor:** Angelina Zheng '25; **Copy Editors:** Caitlin Fukumoto '24, Laura Schmidt-Hong '23, Leela Fredlund '24, Jyotsna Nair '25

The Tech (ISSN 0148-9607) is published on Thursdays during the academic year (except during MIT vacations) and monthly during the summer by The Tech, Room W20-483, 84 Massachusetts Avenue, Cambridge, Mass. 02139. Subscriptions are \$50.00 per year (third class). POSTMASTER: Please send all address changes to our mailing address: The Tech, P.O. Box 397029, Cambridge, Mass. 02139-7029. TELEPHONE: Editorial: (617) 253-1541. Business: (617) 258-8324. Facsimile: (617) 258-8226. Advertising, subscription, and typesetting rates available. Entire contents © 2022 The Tech. Printed by Graphic Developments, Inc.

#### **GUEST COLUMN**

# Facts about the safety and security of nuclear power plants in Ukraine

As members of the MIT Faculty, we are committed to providing unbiased, technical information

By Anne White, Jacopo Buongiorno, Areg Danagoulian, and Scott Kemp

The war in Ukraine is heart-breaking. Combining the words "war" and "nuclear" adds fear and raises a host of questions amid uncertainty and sadness. Ukraine is a country that derives over half of its electricity from nuclear energy and has 15 reactors generating electricity. Ukraine is also the location of the decommissioned Chernobyl power plant, which was the site of the worst nuclear accident in history. [Here is a video about what happened at Chernobyl, by Professor Mike Short, as taught in 22.01 (Introduction to Nuclear Engineering and Ionizing Radiation), Fall 2016: https://www.voutube.com/watch?v=Ijst4g5KFN0.]

The mission of the Department of Nuclear Science and Engineering (NSE) includes educating students and informing public discussion of nuclear science and technology. As members of MIT's faculty, we are committed to both the Institute and NSE's shared mission to provide unbiased, technical information. This mission motivates our piece, with some answers to the most commonly asked questions we have received.

Is the spent fuel in storage at the Chernobyl site a danger due to loss of power?

The International Atomic Energy Agency (IAEA) has noted that while a loss of power at the Chernobyl site is a concern, it does not mean that the spent fuel storage facility becomes immediately more dangerous. The loss of power was considered in a series of post-Fukushima analyses of the Chernobyl spent fuel storage facility, and it was found that loss of cooling systems would not lead to an urgent risk of significant radioactivity release. This is because the temperature of the spent fuel can be managed by ensuring that adequate water remains in the pool. We estimate that enough water to cool down the spent fuel can be maintained manually for a duration of seven to eight months with water supplies on-site. The physical reason behind this conclusion is that the release of some radioactive gases to the environment will occur only if the temperature of the spent fuel is high enough to cause the fuel cladding to rupture. The temperatures at which the leakage of gases occurs varies based on details of the cladding, but a typical range would be 300 to 650 degrees Celsius. Since water boils at 100 degrees Celsius, as long as there is water in the pool, the spent fuel temperatures stay below temperatures where radioactive gas leakage occurs. If loss of power occurred, the water would have to be replaced faster than it evaporates away. How quickly the water evaporates depends on the heating power of the spent fuel, which in turn depends on many factors, but primarily the burn up of the fuel and the time since the fuel was used in a reactor. Using published values for the spent fuel in the storage pool, we estimate around 1 megawatt of heat in the spent fuel. At this power, water would boil away at a rate of about 8 gallons per minute. That is the flow rate of a garden hose, making replacement of the water by hand possible. The site has about 10,000 cubic meters (or 2.6 million gallons) of makeup water available, good for seven to eight months of water replacement.

Are nuclear power plants (NPPs) more vulnerable or less vulnerable than other kinds of power plants to a military or terrorist attack?

Overall, NPPs are less vulnerable but an attack could have high consequences. NPPs are among the most robust civilian infrastructures on the planet, with multiple layers of protection, NPPs must, by law, be able to withstand terrorist attacks as well as a broad range of natural disasters, such as earthquakes, tornadoes, wildfires, and floods. Ukraine's NPPs have multiple layers of protection. In the event of an attack, the nuclear reactors can be rapidly shut down. There are also emergency diesel generators and batteries that would ensure the reliable operation of critical equipment, such as pumps, valves, and instruments, as well as continued adequate cooling for the reactor cores if power were lost. These diesel generators and batteries sit behind thick reinforced concrete walls that cannot be penetrated by light weapons. However, it should be made clear that no backup is completely infallible. Even the most robust backups can be disrupted by direct actions of an invading force. The results of such actions could then lead to a release of radioactivity from the nuclear plants, as we explain next.

What happens if power is lost to an operating NPP, like Zaporizhzhia? Should we be worried about a meltdown and release of radiation similar to what happened at Fukushima?

A similar sequence of events would be very unlikely. This is because after the 2011 accident at the Fukushima Daiichi site in Japan, Ukraine's NPPs were retrofitted with additional layers of protection. For example, if the emergency diesel generators and batteries were to fail simultaneously, there are now mobile backup diesel generators and pumps that can keep the reactor cores cool. In other words, there are backups for the backup.

An attack that damaged the emergency diesel generators and batteries as well as the backup equipment might reduce cooling of the reactor core and lead to damage to the nuclear fuel, up to fuel melting. In this scenario, the plant would be unlikely to operate ever again; however, the vast majority of the radioactivity would be retained within the containment structure of the plant. Some radioactivity might leak from the containment structure and disperse locally, but health effects would be almost certainly undetectable even near the structure. Among people further away, exposure would be below that routinely encountered in diagnostic medical procedures by millions of people worldwide.

NPPs are designed to adhere to national and international safety standards in order to be licensed for operation. This means that all NPPs worldwide are subject to very similar standards and are continuously monitored and reviewed by national regulators and international organizations such as the World Association of Nuclear Operators and the IAEA. Each NPP is peerreviewed every couple of years, lessons are learned from mishaps, and operating experience is shared widely. The system has further improved after Fukushima. But no system will be perfect, which is why risks are always being assessed and a process of continuous improvement is in place. All industries that involve complex engineered systems and involve risk of hazards (oil, gas, and chemical sectors; hydropower, rail, aviation, and maritime transport; and, of course, nuclear power) use data from accidents and near-accidents to inform the continuous improvement of safety systems. The goal is to avoid a similar accident or near-accident ever happening again.

Where can I find real-time, fact-based updates about the nuclear situation in Ukraine?

An American Nuclear Society (ANS) Rapid Response Taskforce exists to provide information about nuclear safety and security around the world. For the past several weeks, the Taskforce has been focused on Ukraine. The NSE encourages everyone who has concerns or questions about the nuclear situation in Ukraine to reference the ANS Rapid Response Taskforce website and sign up for updates at https://www. ans.org/response. Additional expert resources are linked from the Taskforce webpage. Media and stakeholders with specific information or questions can contact the Taskforce directly at https://www.ans.org/ contact/form/?r=response. MIT faculty member Professor Jacopo Buongiorno is a member of the ANS Taskforce.

Anne White, Jacopo Buongiorno PhD '01, Areg Danagoulian '99, and Scott Kemp are professors in the Department of Nuclear Science and Engineering.

#### **OPINION POLICY**

**Editorials** are the official opinion of *The Tech*. They are written by the Editorial Board, which consists of Publisher Kristina Chen, Editor in Chief Wenbo Wu, Managing Editor William Xu, Executive Editor Chloe McCreery, and the opinion editor, a position that is currently vacant.

**Dissents** are the signed opinions of editorial board members choosing to publish their disagreement with the editorial.

Letters to the editor, columns, and editorial cartoons are written by individuals and represent the opinion of the author, not necessarily that of the newspaper. Electronic submissions are encouraged and should be sent to letters@tech.mit.edu. Hard copy submissions should be addressed to The Tech, P.O. Box 397029, Cambridge, Mass. 02139-7029, or sent by interdepartmental mail to Room W20-483. All submissions are due by noon four (4) calendar days before the date of publication.

Letters, columns, and cartoons must bear the authors' signatures, addresses, and phone numbers. Unsigned letters will not be accepted. *The Tech* reserves the right to edit or condense letters; shorter letters will be given higher priority.

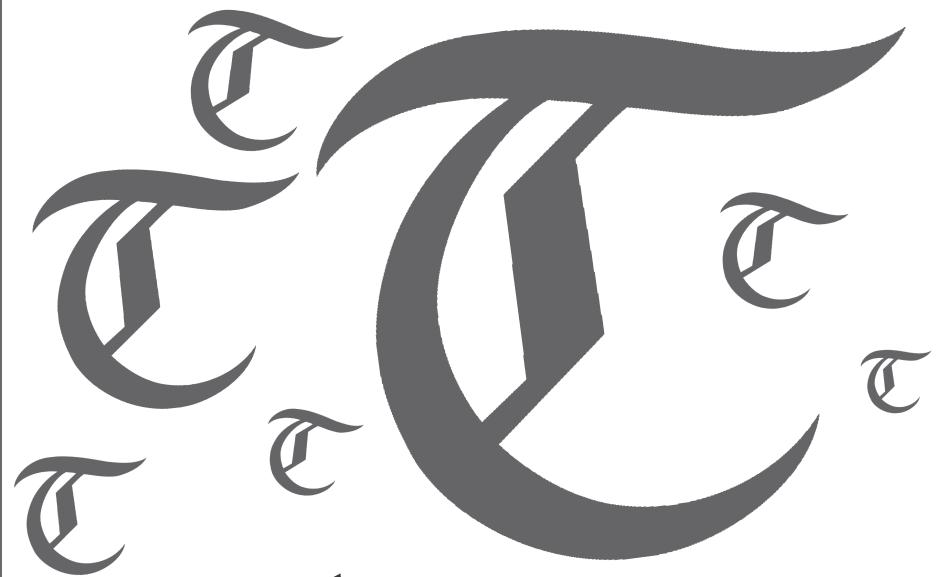
Once submitted, all letters become property of *The Tech*, and will not be returned. Letters, columns, and cartoons may also be posted on *The Tech*'s Web site and/or printed or published in any other format or medium now known or later that becomes known. *The Tech* makes no commitment to publish all the letters received.

 ${\bf Guest\ columns}$  are opinion articles submitted by members of the MIT or local community.

#### **TO REACH US**

The Tech's telephone number is (617) 253-1541. Email is the easiest way to reach any member of our staff. If you are unsure whom to contact, send mail to <code>general@tech.mit.edu</code>, and it will be directed to the appropriate person. You can reach the editor in chief by emailing <code>eic@tech.mit.edu</code>. Please send press releases, requests for coverage, and information about errors that call for correction to <code>news@tech.mit.edu</code>. Letters to the editor should be sent to <code>letters@tech.mit.edu</code>. The Tech can be found on the World Wide Web at <code>http://thetech.com</code>.

FRIDAY, APRIL 8, 2022



# Welcome to Campus Preview Weekend!

Check out The Tech's events in W20-483! (4th floor of the Student Center)

Friday 4/8 9 p.m. - 11 p.m. Breaking: The Tech Movie and Game Night



Saturday 4/9 4 p.m. - 5:30 p.m. The Tech Open House: Meet MIT's Student Newspaper



6 THE TECH FRIDAY, APRIL 8, 2022

# A tropical escape

## Tropical delights on a chilly Boston night

By Allen Wang and Tai Zheng

Kowloon's new tiki bar pop-up debuted in Boston at the MOXY hotel at the start of March. Since 1950, the family-owned restaurant Kowloon has boasted a variety of Asian-inspired food and drinks just a half hour drive up Route 1 in Saugus, MA. But this year, city-dwellers can say goodbye to the drive and hello to tiki cocktails and Terra Santa Rosé on Friday and Saturday nights, just a block away from Boston Common.

Nicole, our host, generously invited us to sample some of Kowloon's specials while showing us around the venue. The first floor touted the tiki cocktails, while another bar served more traditional drinks on the second floor. Decked with blue and purple LEDs, fairy lights, and modern chandeliers, the whole venue transported us to tropical Miami. This was no coincidence. "The outside was based off of Miami. We [have] cool comfortable couches and a container bar with a DJ on top," Nicole said.

The boozy drinks were just as inviting as the leather couches. We started the night with the Mai Tai, Watermelon Sugar, and Pear Bellini. Nicole noted that the Mai

ALLEN WANG

The Mai Tai, watermelon sugar, and pear Bellini at Kowloon.

Tai, along with its popular counterparts the White Mai Tai and Scorpion Bowl for One, is part of the traditional Kowloon

My personal favorite was the Watermelon Sugar, probably because I'm a big fan of cotton candy and watermelon. This drink had a Prosecco base, creatively spiced with lychee puree, cold pressed watermelon juice, and lime juice and topped off with watermelon Red Bull. A boat of cotton candy floated gently on the potent mixture. Arts Editor Mindy ordered a delicious Pear Bellini, a simple champagne made from peaches with a light fruity flavor and the sweetest of the three drinks. It was decorated with a piece of dried pear and made for an excellent drink boasting a sugary kick. Tai enjoyed the Mai Tai (no relation). Served in a tiki totem glass, the rummy refreshment came on strong and contrasted nicely with the sweet Maraschino cherries on top. Unlike Mai Tais you might find at other bars, the drink's distinct layers weren't visible, but the taste and tropical vibes were spot on.

We finished the night with the Scorpion Bowl for One, Hello Limoncello, and Vueve Clicquot Yellow Label — all deliciously crafted and finished. The Scorpion Bowl was a rum-forward drink, and it's definitely worth trying. It was sweeter and fruitier than its tropical cousin, the Mai Tai, and both are part of Kowloon's collection of secret recipes. For champagne lovers, the Hello Limoncello, with Limoncello, Cointreau, and Prosecco, topped with a lemon macaroon, stood out as a favorite. The Vueve Clicquot

**★★★☆ Kowloon Pop-up Bar (Moxy Boston)** Bar, \$\$ 240 Tremont St. Boston, MA 02116

Friday, Saturday 7-11

can't be forgotten either; it was a delicious dry champagne served with a sidecar full of popcorn to complement the bubbly beverage. The fun atmosphere and champagne made it feel like New Year's Eve, but the year is just beginning for Kowloon.

The pop-up may not stay on the first floor. As the Mai Tais and Bellinis attract longer lines to the hotel, MOXY may be moving its booze to the roofton when nicer weather hits. Overall, MOXY is the perfect place to take a break from a long week of psets. It's busiest on weekends when Kowloon is open, but for adventurous ones looking for weekday drinking, definitely check out their Wine Wednesdays and Martini Mondays. And if you catch yourself wandering around Boston on a Saturday night, be sure to order a Watermelon Sugar

# Everything Everywhere All At Once is breathtaking

A true story in at least one universe

By Shreya Karpoor

The multiverse is a concept in physics that forms the basis of many recent sci-fi movies. Yet dynamic directing duo Daniel Kwan and Daniel Scheinert, collectively known as Daniels, has found a way to provide a fresh take on the multiverse in action sci-fi comedy drama Everything Everywhere All at Once. If that sounds like a lot, it's be-

While following the traditional three-act structure, the film's hero arc literally disintegrates, as each act is a chaos-inducing ride through an infinite number of universes that takes us closer and closer to insanity. Evelyn (Michelle Yeoh), a middle-aged Chinese immigrant woman, has no shortage of challenges in her life. She is focused on achieving perfection in her cooking, managing her laundromat, organizing a Chinese New Year's party, accepting her daughter Joy's relationship (Stephanie Hsu) with her girlfriend Becky (Tallie Medel), and pleasing her father (James Hong) who has arrived to visit for the first time after Evelyn ran away with her husband (Ke Huy Quan) — a husband who is now filing for divorce And of course her higgest chalLee Curtis) hell-bent on finding some sort of mistake with her near-perfect work. This

The film itself follows a hero arc and has all the characteristics of your typical hero-saves-the-day movie, but it also has so much more. The first act of the movie is set in normalcy and presents enough challenges for Evelyn as is. However, her mundane life spirals when her husband Waymond suddenly transforms into a kickbutt, universe-jumping commando sent to protect Evelyn with his deadly fanny pack. He explains to our hero that she is destined for more than taxes: she is the one that must defeat multiverse enemy Jobu Tobaki by acquiring skills from all the Evelyns in alternate universes, products of all the choices she could have made.

The second half of the movie becomes a sensory overload as we travel with Evelyn through an infinite range of possibilities. Mayhem fills the screen as Evelyn is transported to worlds in which she has hot dog hands or is alternatively a pop star who never married Waymond, the rat from Ratatouille, or a rock on the edge of a cliff.

There is no impossible — only possibilies. Any choice that one could have made lenge yet: taxes and the IRS auditor (Jamie becomes a universe that exists. Chaos is love, empathy, and kindness. Evelyn is not at once.

order and change is the only constant as deafening sound design and swirling visual spectacles take center stage. Beyond showcasing the film's cinematography, these elaborate scenes also speak to the immigrant experience. "The immigrant story is so much about what-if and wondering what could have happened. What if I stayed? What if I went anywhere else?" says Kwan at a college roundtable interview in Boston. The existence of the multiverse places a heavy weight on the choices we make, altering our path forever. It makes Evelyn wonder what would have happened if she didn't choose Waymond, if her daughter worked harder, or if she hadn't bought a laundromat. These choices paralyze her as her life degenerates into infinite bits.

The movie is messy, chaotic, and tackles so much. But perhaps that's the point. Life, with or without universe jumping, is inherently messy. As Kwan says, "One of the hardest things you can do is just pay attention to someone. Turning that experience into something cosmic and spiritual felt important.... I can see that everyday moments are a transcendent experience."

Peeking through the layers of actioncked martial arts scenes are themes of

only our martial arts hero but also a mother to Joy, and must navigate her daughter's sexuality and teenage angst. The Daniels hope that the movie can spark healing and open conversation with older generations. As Scheinert said, "This movie is a stepping stone in our four-dimensional relationship with our parents, and hopefully it can be that way with other people too." They hope that the film can become a stepping stone to spark conversation and build connections with those around us.

Michelle Yeoh portrays Evelyn in a beautiful way, capturing the many layers of her strength, surety, confusion, self-doubt, love, and desire for perfection that we see in immigrant parents. Her portrayal is accompanied by Jamie Lee Curtis's hilariously accurate portrayal of a tax auditor in the both comical and infuriating way we view them.

The film is an attack on the senses and a collage of visual stimulation. It'll have you on the edge of your seat laughing and crying. The complex yet dazzling montage of shots takes the audience to the edge of the multiverse and back, all the while reminding us to be kind and to love with our whole hearts. Everything Everywhere All at Once is precisely that. Everything. Everywhere. All



\*\*\*\*

Everything Everywhere All At Once

**Directed by Daniel Kwan** and Daniel Scheinert

Screenplay by Daniel **Kwan and Daniel Scheinert** 

Starring Michelle Yeoh, Jamie Lee Curtis, Ke Huy Quan, and Stephanie Hsu

Rated R, Now Playing

Michelle Yeoh is Evelyn Wang in Everything Everywhere All at Once

Friday, April 8, 2022

# Following the footsteps of the Class of 2026 this CPW

Prefrosh get lost as they traverse east and west campus

By Kristina Chen

PUBLISHER

After two years of virtual CP★, the Class of 2026 experiences the first on-campus CPW since 2019. From grilling and hairdyeing at East Campus and drinking from the firehose with ESG to enjoying liquid nitrogen outside Johnson and great British bake-offing at Next, prefrosh will spend the next few days exploring MIT's campus — walking East to West, discovering academic and extracurricular opportunities, encountering creative older students and staff, and getting a sneak peek at the vivid and various cultures and traditions of residential communities and student groups. The Tech spoke with several prefrosh about their prospective areas of study, their first day of CPW, and the number of steps they've taken across campus so far.

Shreya Chaudhury is visiting us from Texas and is being hosted in Macgregor. She hopes to study Course 6 or 15. After some difficulties navigating the CPW app and campus itself and walking 24,959 steps, Shreya sat in a few classes, including Microcomputer Project Lab and Introduction to Modeling and Simulation, and tried out a few signature free food events such as Dîner à la Maison Française and Taco Thursday with the brothers of Pi Lambda Phi.

We met Caroline Ibanez, a prospective Course 7 from Puerto Rico, outside of the Stratton Student Center, the origin point of every year's CPW visitors. Hosted at Mc-Cormick, Caroline didn't have the chance to attend many events on her first day but walked a considerable 15,653 steps around campus, auguring well for her future ad-

ventures on MIT's urban campus, which she is very excited for.

Mason Fang, Raymond Feng, and Alex Hu, a trio from California, spoke with us on the Kresge lawn; they're hosted in East Campus, Pi Lambda Phi, and Baker House, respectively, and are each interested in some medley of Course 18, 8, 6-2, or 6-3. Alex walked 20,056 steps and is excited to meet and vibe with all the people on campus.

Hailing from Ohio, Michelle Park is interested in studying Course 8, particularly astrophysics. While, like Caroline, she hadn't attended many events yet, she was astounded by the murals in Random Hall, where she is hosted, which she called "holy water for my eyes." Michelle was also happy to see friends that she first met at virtual summer camps in person for the first time, remarking that she was surprised to see

how their heights and voices differed from her virtual perceptions.

Olivia Tang of Florida hopes to study Course 18 and is hosted at the sorority Kappa Alpha Theta. Olivia dined at the gourmet grills of East Campus and Macgregor, baked swiss roll cakes at Next House, and enjoyed the taste of classic prefrosh bait boba at New Vassar, the dorm that is also experiencing CPW for the first time. Naming MIT her dream school, Olivia is excited for the surrounding urban environment and hopes to participate in a UROP at the 'tvte. We're happy to announce that Olivia achieved the greatest number of steps walked out of the adMITs we interviewed this CPW, taking a staggering 27,397 steps during her first day on campus. We wish her the best and can't wait to see all the walking she'll continue to

### **WENBO'S WALKS**

# Gonna go fast like a Linoone

Super Audi speed

By Wenbo Wu

The Audi dealership sped through my field of view. "Call them," he said from the front seat, gesturing vaguely behind him. "Uh — uh okay," I muttered. I retreated further into my hoodie, wanting to vanish. But I pulled out my phone anyway and went to my maps app, trying in vain to relocate where we were and pinpointing the particular dealership.

"I, I don't really know which one that was," I said. I didn't want to make the call. I was too tired, too worn out from the day,

but I was ultimately in the back of this person's cab

"Ask what they're thinking for the SUV." He was persistent. How did I get myself into this situation?

I really didn't want to make the call. Here's what's going to happen: I'm going to call the dealership. I'll put the representative on speaker. It'll be the wrong Audi dealership. It will be awkward. A battle ensues. I do something useless, like Mud Sport. I will disappear. Poof. Gone, the wild Pokémon has escaped. I am fast. I am Linoone.

Alas, I couldn't get away. With my foot still broken, what was I expecting to do?

Jump out of the car window and, like a movie starring Ryan Reynolds, survive this stunt? No. No. I was out of options. I was no Linoone. I am Cascoon. I hide in my coat. I use Harden and weep.

I feel like I just made eye contact with the person overseeing me take my COVID-19 test. The unsettling tension. I just wanted to go home from the hospital in peace without having to walk a few hours. Was that too much to ask? Apparently so.

The phone rang a few times, but nobody picked up. "Okay, just cancel it," the raspy voice ushered. I sigh in relief. Crisis averted. Eyes averted. I felt like a criminal taking refuge in a getaway car while being held at gunpoint. Too many metaphors? Probably. Does it even make sense? No. But neither did this entire social interaction I just partook in. And maybe that's why I'm writing about it.

"Thank you," I said as I shut the car door and left as quickly as it was socially acceptable. I found myself standing in a puddle just outside of H Mart. I inhale the rain. The petrichor calms me. Calm Mind. I am Suicune. I am water.

I flow and ebb through the social interactions of the rest of my day. But now, somehow, it all seems like a breeze.

Sports-writ-er(s)
/'spôrtsˌrīdərs/
noun

noun: sports writers

journalists who write about sports.

No prior experience needed! Just an interest in sports. And probably writing.

For more information, please contact sports@the-tech.mit.edu

8 THE TECH FRIDAY, APRIL 8, 2022

#### **SPORTS BLITZ**

#### Friday, April 1

- Baseball won against University of Southern Maine 9-8 (11 innings).
- Men's Volleyball lost against Springfield College 0-3.
- Women's Lacrosse won against Emerson College 21-3.

#### Saturday, April 2

- Sailing finished 7th of 10 at the Dellenbaugh Team Race Women's New England Team Race Championships.
- Sailing finished 7th of 14 at the BU Trophy.
- Sailing finished 7th of 16 at the Marchiando Trophy Team Race.
- Women's Openweight Crew got 2nd of 2 (V8), 2nd of 2 (2V8), 3rd of 4 (V4), and 4th of 4 (2V4) against Boston University.
- Men's Lightweight Crew competed at the Lightweight Invitational; results can be found on mitathletics.com.
- Women's Track and Field finished 2nd of 18 with 138.75 points at the Snowflake Invitational.
- Men's Track and Field finished 1st of 16 with 155 points at the Snowflake Invitational. Men's Heavyweight Crew finished 3rd (V8), 4th (2V8), and 5th (3V8) at the Alumni Cup.
- Baseball lost against United States Coast Guard Academy 9-13 and 3-8.
- **Softball** won against Wellesley College 8-0 and 3-0.
- Women's Tennis won against Emerson College 9-0.
- Men's Tennis won against Wheaton College 9-0.
- Men's Lacrosse won against United States Merchant Marine Academy 13-2.
- Men's Volleyball won against New York University 3-1.

#### Sunday, April 3

- Women's Lightweight Crew finished 4th of 5 (V8) and 3rd of 3 (V4) versus Boston University, Simmons, Wellesley and Williams.
- Women's Openweight Crew finished 1st of 5 (V8), 1st of 3 (2V8), and 4th of 4 (3V8) versus Williams, Wellesley and Simmons.
- Men's Lightweight Crew finished 1st (V8) and 2nd (2V8) versus Bates and Boston College.
- Men's Heavyweight Crew finished 1st (V8), 2nd (2V8) and 1st (3V8) versus Marist College.

#### Tuesday, April 5

- **Softball** won against Tufts University 6-1 then lost 0-1.
- Women's Tennis won against Smith College 9-0.
- Baseball lost against Springfield College 5-17.

#### Wednesday, April 6

- Men's Tennis lost against United Coast Guard Academy 4-5.
- Women's Lacrosse won against Framingham State University 17-10.

#### Thursday, April 7

• Men's Tennis lost against Brandeis University 2-7.

## **Upcoming Sports Events**

#### FRIDAY 8

#### Softball

vs. Emerson College 3:00 p.m.

#### Softball

vs. Emerson College 5:00 p.m.

#### **SATURDAY 9**

### Sailing

Fowle Trophy

#### Women's Lightweight Crew Knecht Cup

#### Women's Openweight Crew Knecht Cup

#### Sailing

Connecticut College

#### Sailing

United States Coast Guard Academy

#### Men's Lightweight Crew

Knecht Cup 8:26 a.m.

#### Men's Heavyweight Crew

Donahue Cup 10:00 a.m. (V8)

10:20 a.m. (2V8) 10:30 a.m. (3V8)

10:40 a.m. (V4)

#### Women's Track and Field

Tufts University  $11:00 \ a.m.$ 

#### Men's Track and Field

Tufts University 11:00 a.m.

#### Baseball

Clark University 11:00 a.m. 2:00 p.m.

#### Softball

Clark University 12:00 p.m. 2:00 p.m.

#### Women's Lacrosse

vs. Smith College 1:00 p.m.

#### Women's Tennis

vs. Springfield College 3:00 p.m.

#### Men's Tennis

vs. Springfield College 3:00 p.m.

#### Men's Lacrosse

Wheaton College 4:00 p.m.

#### **TUESDAY 12**

#### Women's Tennis

vs. Babson College 3:30 p.m.

#### Baseball

vs. Springfield College 3:30 p.m.

#### **WEDNESDAY 13**

#### Baseball

vs. Endicott College 3:30 p.m.

#### Women's Lacrosse

United States Coast Guard Academy 7:00 p.m.

# DID YOUR MIT ESSAYS **GET YOU IN?**

The Tech is collecting successful application essays (hint: yours!).

Email your pieces to cl@the-tech.mit.edu!

SURE YOU CAN; IT'S

EASY. YOU JUST

[2521] Toothpaste

I CAN'T BELIEVE

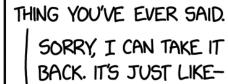
SHE APOLOGIZED,

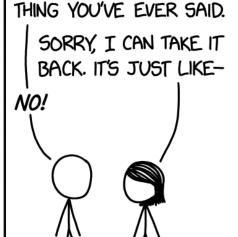
BUT YOU CAN'T PUT THE TOOTHPASTE

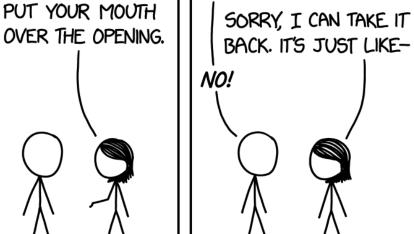
BACK IN THE TUBE.

SHE SAID THAT.

# WELL, THAT'S THE WORST







# **Air Mattresses**

A WEBCOMIC OF ROMANCE, SARCASM. MATH. AND LANGUAGE

by Randall Munroe

, page	attresse	es							
•			; ; ;	96×		24+	; ; ;		
			┪		35×	<del> </del>	· - <del> </del>	6	
	72×	<del>-</del>	- 12×		<b>-</b>	<del>72×</del>		<u> </u>	
	<b>-</b>	- 48×	<b>-</b>	35×	1–		45×		
	7	<b>-</b>	9	<b>-</b>		8			
	288×				8×	24+			
	<b>-</b>	252×			<b>-</b>		40×	7	
		4	<del>-</del>	36×				8×	

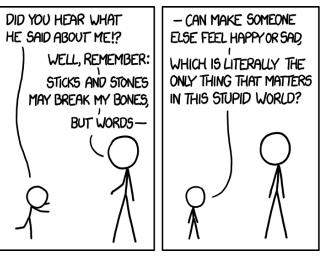
# Happy Solution, page 3

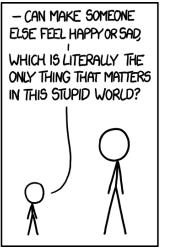
2				9			3	1
6			3	5				
	5		8		4		6	
	9		1			6	7	
	6	5			3		4	
	4		5		8		1	
				3	9			7
5	3			4				6

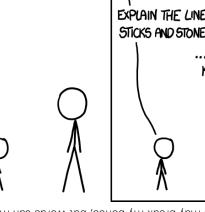
Instructions: Fill in the grid so that each column, row, and 3 by 3 grid contains exactly one of each of the digits 1 through 9.

## [1216] Sticks and Stones



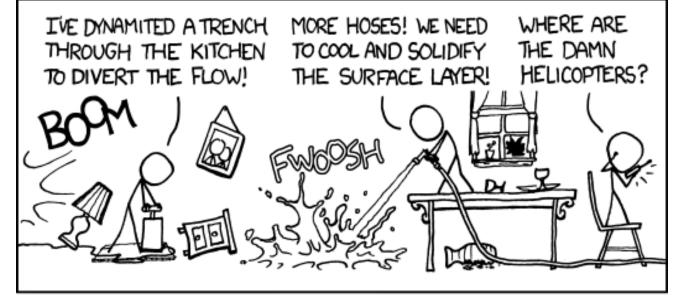






## [735] Floor





LIKE MANY KIDS, WE SOMETIMES PRETENDED THE FLOOR WAS LAVA.

We once got grounded when we convinced the FAA to block flights through our county because of ash clouds.

## CPW!

Solution, page 3

23+			108×	!		i	2–	i i
	2-	5-		17+	18×	<u> </u>	192×	
10×	<b>-</b>	17+		<del> </del>		144×	 	<u> </u>
	13+	1–	<b>-</b>		30×	5	<del>-</del>	1
4×	<b>-</b>		112×	<u> </u>	┨	2÷		9
	17+			-+	4–	105×		
1–		<del>-</del>	27+		<b>-</b>	3	<del>-</del>	8
	3-			22+			15+	
32×					3	<del>-</del>		7
	!	 						

## Welcome

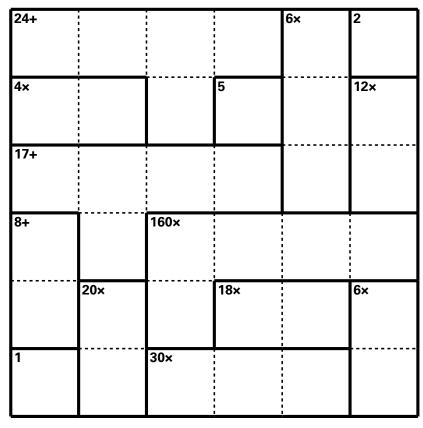
Solution, page 3

			6			7	
			7		8	4	
				5	9		2
1			3		2	6	
8	3		<b>3 2</b>	6		9	4
	2	6		8			3
2		9	5				
	1	7		3			
	8			2			

Instructions: Fill in the grid so that each column, row, and 3 by 3 grid contains exactly one of each of the digits 1 through 9.

# Prefrosh!

Solution, page 3



Instructions: Fill in the grid so that each column and row contains exactly one of each of the numbers 1–6. Follow the mathematical operations for each box.

18

40

43

46

48 49

26 | 27 | 28

58 59 60

62

65

68

# **Hues' Clues** by Sally R. Stein

Solution, page 3

#### **ACROSS**

- 1 Reach across, as a bridge 5 Scored 100% on
- 9 Basics for young readers
- 13 Auto wheel
- 14 Bat's underground home
- 15 With no clouds in the sky
- 17 Corporate boss, for short 18 Low-denomination bills
- 19 Dance that "it takes two"
- to do 20 Rosé wine or a certain
- lemonade
- 22 Eight-person singing group
- 23 Summer or winter
- 24 Annoy
- 25 Exerciser's chest covering
- 29 Vaccine shots, informally
- 33 Lights in night skies
- 37 Long heroic tale
- 38 German auto
- 39 HELLO MY \_\_ IS (tag phrase)
- 40 Pictorial diagram
- 41 Lobster cousin
- 42 With cold cubes, as tea

- 43 Take off, as weight
- 44 Gives approval for
- 45 2,000-pound measures
- 46 Open, as a change purse
- 48 Pizzeria product
- 50 Monarchs' domains
- 55 Add decorations to
- 58 Stir-fry veggie in a pod
- 61 French flat hat
- 62 Tilt to one side 63 Angelic ring
- 64 Javelin or harpoon
- 65 "Do \_\_ others . . ."
- 66 Above
- 67 Phrase atop a chore list
- 68 More than half of
- 69 Take a break

#### **DOWN**

- 1 Parts of a stair
- 2 Mischievous sprite
- 3 Indoor sports venue 4 Narrow parts of bottles
- 5 Seeds from oaks 6 Question to ask permission
- 7 \_\_ so (nevertheless)

- 8 What a pupil sits at
- 9 Person playing a part

- 11 Penny
- 12 Wise person
- 16 Go bad, as food
- 21 They top i's and j's
- 24 An urge to scratch
- 26 White egret
- 28 Become ready to harvest
- 31 Party-with-presents
- briefly
- 33 Sour mood
- 35 Prayer-ending word
- instance
- 40 Model airplane adhesive
- 49 Initial comment, for short

- 10 Spade or club's lowest face
- card

- 27 "No bid"
- 30 Mystical glow
- occasion, for short 32 Brothers and sisters,
- 34 Mexican tortilla sandwich
- 36 Strawberry jam, for
- 44 Unlocked, as a door
- 47 "We \_\_ amused"
- 51 Despise

55 | 56 | 57

13

20

23

39

42

64

- 52 Make one's exit
- 53 Roosters and bulls 54 Sound of scorn 55 Belly muscles
- 56 Division of a business: Abbr.
  - 57 Triple-decker cookie

15

19

22

38

41

63

66

69

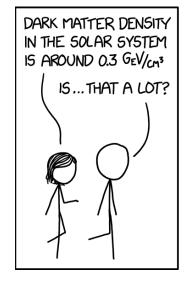
29 30 31 32

51 | 52 | 53 | 54

- 58 Feeling blue
- 59 Nevada casino city 60 Has a meal

### [2186] Dark Matter

SARCASM. MATH. AND LANGUAGE by Randall Munroe



IN TERMS OF MASS, IT MEANS THE EARTH CONTAINS ONE SQUIRREL WORTH OF DARK MATTER AT ANY GIVEN TIME. WOW.

15 THERE ANY WAY TO FIND OUT WHICH SQUIRREL IT IS? NO, IT'S NOT LITERALLY- OH, THAT EXPLAINS WHY THEY WEIGH ENOUGH TO SET OFF THOSE SPINNING BIRD FEEDERS! DARK MATTER ISN'T SQUIRRELS!

tivistic speeds and collides them together.