



NATHAN LIANG — THE TECH

Members of the MIT community receive their flu shots at the Johnson Athletic Center Monday.

IN SHORT

Half-term subjects final exam period will start Friday and take place next week.

Indigenous People's Day is Monday. No classes will be held. Tuesday will follow the Monday schedule of classes.

Flu vaccines are available at MIT Medical flu clinic in the Johnson Athletic Center from 8 a.m.–4 p.m. on weekdays for all Covid Pass participants and enrolled students,

until Oct. 16. The clinic will be closed on Monday.

To register for Spring classes, all MIT students must **submit proof of receiving a flu shot** by Oct. 30.

Nominations for recent MIT graduates to the MIT Corporation are open until Oct. 30.

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

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

Simmons Hall dining worker tested positive for COVID-19

Individuals not contacted by MIT Medical are not known to be at risk for getting COVID-19 from worker

By Nicole Chan

Simmons Hall temporarily closed its dining service the evening of Oct. 1 after a Simmons dining staff member tested positive for COVID-19.

MIT Dining Director Mark Hayes wrote in an email to Simmons residents Oct. 1 that the staff member “worked in the kitchen area and was not involved with serving meals to residents.” The staff member self-isolated and was “responding well” to medical care.

Hayes wrote that MIT Dining and Housing and Residential Services performed a “deep cleaning of all potentially affected spaces in Simmons.” Dinner service for Simmons residents was temporarily moved to Lobdell Dining Hall in the Student Center for the evening following Hayes’ email.

Additionally, MIT Medical contacted all individuals who “may

have had close contact with the staff member” and reported the case to public health officials, Hayes wrote. Individuals who “have not heard from MIT Medical” have “no known risk” of contracting COVID-19 “from this case.”

Hayes wrote in an email to *The Tech* that “the wellbeing and safety of diners and staff is a top priority for MIT Dining and Bon Appetit.”

Hayes wrote that dining staff members are tested “twice a week” like “students, faculty, and staff.” When working in the kitchens and serving food to students, dining staff “follow federal, state, local,” and MIT guidelines “for reopening restaurant and foodservice operations,” including wearing personal protective equipment, “physical distancing in kitchens and serving areas, and enhanced cleaning protocols.”

Hayes wrote that if additional dining staff members test positive,

“the dining operation where they work will close for 24 hours for enhanced cleaning while MIT Medical begins contact tracing and notifies any individuals who have had close contact with the staff member.” Moreover, “meals for the affected community will be served in an alternate location until their dining facility can safely reopen.”

In his email to Simmons residents, Hayes wrote that students should call MIT Medical’s COVID-19 hotline if they are “experiencing symptoms of COVID-19, such as fever, cough, fatigue, or shortness of breath.” He wrote that MIT community’s compliance of public health measures “have helped keep our campus transmission rate successfully low,” citing recently collected data from MIT COVID-19 testing. According to the MIT COVID Apps Dashboard, MIT has had eight positive cases among 16,177 tests performed in the past seven days.

Five MIT Turing Award winners endorse Joe Biden, Kamala Harris ticket in November 2020 election

Liskov: international students who study in the United States are a ‘very important driver’ of technological progress

By Caroline Cunningham

24 Turing Award winners, including five MIT computer science professors, endorsed Joe Biden for the Nov. 3 presidential election in a statement Sept. 18. The MIT computer science faculty who joined the endorsement are Professors Shafi Goldwasser, Butler Lampson, Barbara Liskov, Ronald Rivest, and Michael Stonebraker.

According to the Association for Computing Machinery, Turing Award winners are selected for their

“contributions of a technical nature to the computing community.”

The Turing Award winners’ endorsement states that “Joe Biden and Kamala Harris listen to experts before setting public policy,” which is “essential when science and technology may help with many problems facing our nation today.”

The endorsement writes that “information technology is thoroughly globalized,” citing international students in U.S. computer science departments and “international collaboration” on open source proj-

ects. “Computer Science is at its best when its learnings and discoveries are shared freely in the spirit of progress. These core values helped make America a leader in information technology.”

Stonebraker said in an interview with *The Tech* that President Donald Trump’s “anti-science” positions on issues such as COVID-19 and climate change are “unacceptable.”

Stonebraker also noted the contrast between MIT as an institution

Endorsement, Page 2

MIT launches pilot to detect for COVID-19 in residential wastewater

Method allows asymptomatic detection

By Sophia Wang

MIT introduced a wastewater testing pilot initiative to monitor COVID-19 on campus late September. The project has been implemented in seven buildings: Random House, McCormick Hall, Simmons Hall, Sidney-Pacific, Tang Hall, Westgate Apart-

ments, and the Sloan School of Management.

The project complements the clinical testing conducted by MIT Medical, Vice President of Campus Services and Stewardship Joe Higgins and Senior Associate Dean of Housing and Residential Services

Wastewater Testing, Page 2

MIT Medical provider tested positive for COVID-19

An MIT Medical health care provider tested positive for COVID-19, MIT Medical Director Cecilia Stuopis ’90 wrote in an email to the MIT community Sept. 30.

Stuopis wrote that the affected individual “is isolating at home” and “doing well.” Additionally, MIT responded to the positive case with “swift action” including “contact tracing, communication with affected individuals, support for those in quarantine, deep cleaning of af-

fectured spaces, and appropriate coordination with local and state health authorities.”

Stuopis wrote in an email to *The Tech* that MIT Medical determined “through contact tracing” that the case was likely not contracted at MIT. Instead, “there was a clear episode that occurred off campus at a social gathering.”

Stuopis wrote that “it is not unusual for health care providers, in any setting, to contract COVID-19.” She wrote to *The Tech* that MIT Medical is keeping its health

care providers safe with “special precautions” including “proper PPE [personal protective equipment]” and “environmental modifications and design.”

“For example, areas like the testing trailer are designed specifically to prevent viral transmission and keep both staff and patients safe,” Stuopis wrote. Additionally, “MIT Medical staff members are working in solo offices, avoiding group meetings, and staying apart whenever possible.”

— Caitlin Fukumoto

Face mask regulations increased in Cambridge

Violations may lead to \$300 fine

By Vyshnavi Vennelakanti

The City of Cambridge’s face covering policy starting Oct. 2 requires all residents over the age of five to wear face coverings in all public places, businesses, and common areas of residential buildings.

Face coverings can only be removed while seated in restaurants or cafes for dine-in. Those found in

violation of the order may be issued a warning or a violation notice with a fine of \$300.

Regardless of pod affiliation or physical distancing, students living on campus are required to wear face coverings in “all outdoor common areas, including walkways, courtyards

Face Covering, Page 2

SATURDAY NIGHT LIVE

A fresh injection of humor. **ARTS, p. 8**

SPEAK UP

Silence hurts. **OPINION, p. 4**

URM CAN'T WAIT

A strategic plan is not enough. **OPINION, p. 5**



BOSTON BOOK FESTIVAL

Bringing people together virtually. **ARTS, p. 8**

MOON BOY

How many cows do you reckon have jumped over the moon?
CAMPUS LIFE, p. 6

SECTIONS

Opinion 4
Campus Life 6
Fun Pages 7
Arts 8

WEATHER

Flu shot season

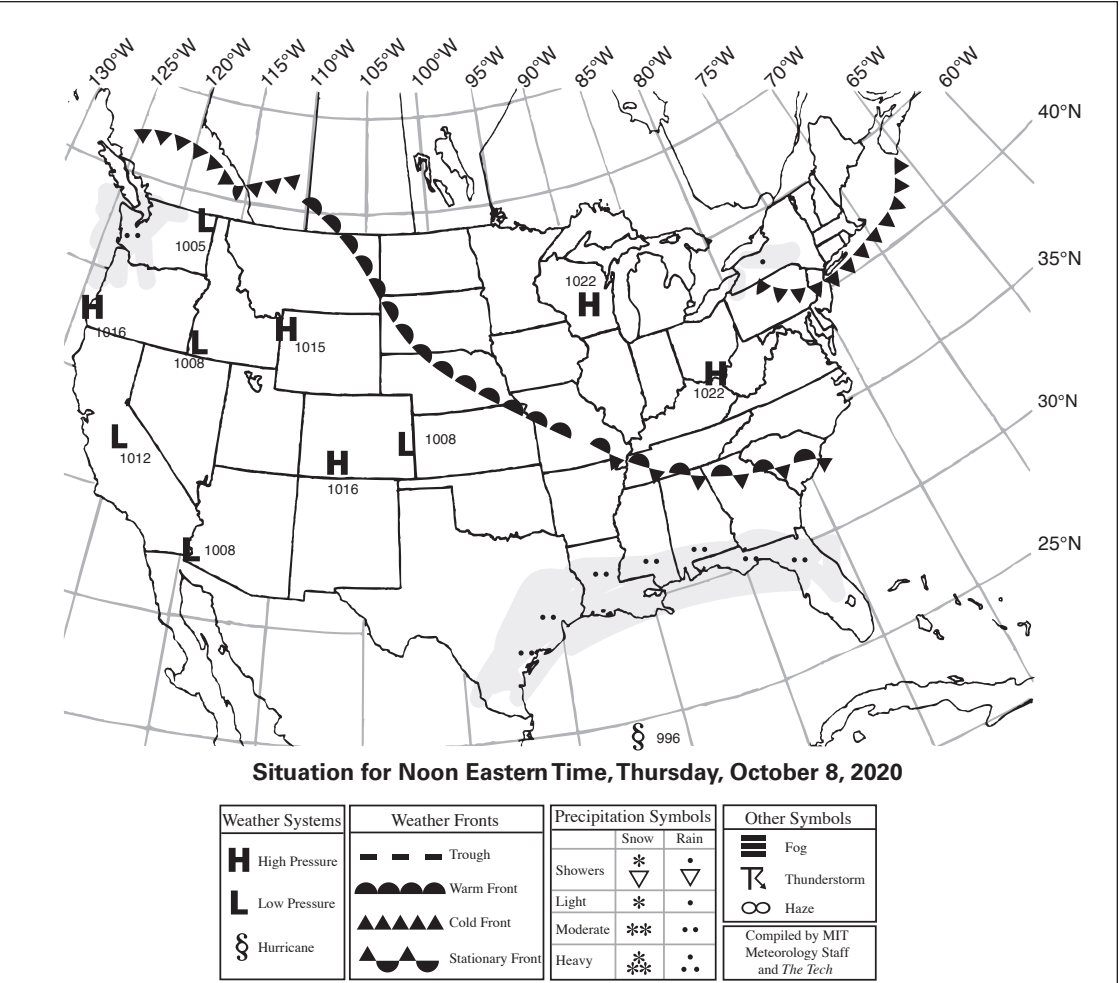
By Masha Geogdzhayeva and Renbin Liu

The severe thunderstorm last night should have all of us in Boston feeling refreshed and awake, enough to tide us over until we can sleep in this long weekend. When you’re done catching your zzz’s, though, consider an outing. This weekend promises warm temperatures in the 60s and 70s and clear skies, perfect to enjoy everything you love about autumn without the usual weather-induced discom-

fort. Use this opportunity to take a nice walk to somewhere you can get your mandatory flu shot done before the fall chills fully set it. In the meantime, Hurricane Delta is raging through the Gulf Coast and is expected to threaten coastal Louisiana as a major hurricane. Unlike the lazy slow-moving Hurricane Sally, Delta is expected to move relatively quickly and bring dangerous storm surge and wind to the Gulf Coast. After landfall, Delta will bring heavy rainfall to the Ohio Valley and mid-Atlantic.

Extended Forecast

Today: Sunny. Breezy, with northwest winds around 18-21 mph. High 61°F (16°C).
Tonight: Clear. Northwest wind around 10-15 mph. Low 43°F (6°C).
Tomorrow: Sunny. West wind around 8-10 mph. High around 61°F (16°C) and low around 52°F (11°C).
Saturday: Mostly sunny. Southwest wind around 14-18 mph. High around 75°F (24°C) and low around 56°F (13°C).
Sunday: Mostly sunny. North to northeast wind around 9 mph. High around 72°F (22°C) and low around 49°F (9°C).



Trump visa restrictions have caused Chinese students at MIT to ‘struggle’

Endorsement, from Page 1

that “believes in science” and Trump as an individual who “totally rejects science.” Liskov said in an interview with *The Tech* that international students who study in the U.S. are “a very important driver” of technology. Both Liskov and Stonebraker said that they head computing re-

search groups at MIT with a significant proportion of international students. Liskov said that she signed the endorsement due to the Trump administration’s perceived “lack of understanding” about the benefits international students bring to the U.S. Liskov added that having the “best possible people” is the “best way to compete” with other countries in scientific and technological progress.

Stonebraker said that the U.S. benefits from international students who come for their education and then “tend to stay.” He noted that the U.S.’s pull of the “best and brightest” computer science students has “enhanced [the country’s] gene pool.” *The New York Times* reported Sept. 18 that four of the Turing winners who signed the endorsement said in an interview that President Trump’s “restrictive” policies

on immigration are harmful to computing. MIT and Harvard sued the U.S. Department of Homeland Security (DHS) and Immigration and Customs Enforcement (ICE) after ICE announced July 6 that international students with F-1 visas could not take a fully online course load and remain in the U.S. for the fall. DHS and ICE rescinded the policy directive July 14. Stonebraker said that “the new

visa restrictions” enacted by the Trump administration have caused many Chinese students at MIT to “struggle.” Stonebraker added that he is “nervous” that under Trump’s immigration policies, the U.S. may lose “technical domination,” and that to avoid “negative consequences,” the next president must prevent the U.S. from losing the technological “arms race.”

Wastewater detection does not depend on availability of clinical testing

Wastewater Testing, from Page 1

(HRS) David Friedrich wrote in an email to residents Sept. 21. The project is a partnership between the biological engineering department’s Alm Lab; MIT Facilities; the Office of Environment, Health and Safety; Housing and Residential Services; and MIT Medical, Higgins and Friedrich wrote. Alm Lab research scientist Katya Moniz PhD ’14 said in an interview with *The Tech* that the initiative detects cases at the residential level and projects clinical data. If successful, the program may serve as a long-term adaptive testing procedure. “A sampling device has been installed in the wastewater exit pipes of the pilot buildings. Samples will be collected daily, and tested for SARS-CoV-2,” Higgins and Friedrich wrote, noting that wastewater-based detection of SARS-CoV-2 is an “effective early warning system for COVID-19 at an aggregate level.” “No personally identifiable information will be derived from these samples, and we will not use

them for any purpose other than monitoring SARS-CoV-2,” they wrote. The technology used in the wastewater testing initiative has been in development for years at the Alm Lab, Moniz said. The Alm Lab will be processing wastewater samples for the fall semester. The team has extensive experience in the testing process, both at the treatment facility level and at the manhole level (serving a few thousands of people in nearby neighborhoods). Moniz said that “data suggests there is a lot of shedding before people go to the doctor” with many pathogens “detectable in wastewater.” Symptomatic and asymptomatic infections can be detected with this method, Moniz said, which cannot “necessarily” be done clinically “because people who aren’t sick don’t come in.” Furthermore, wastewater detection “doesn’t depend on the availability of clinical testing,” making it “unbiased” and “sensitive.” Moniz said that six of the seven buildings tested through the pilot

are undergraduate and graduate residential halls chosen based on the ease of access to their wastewater pipes. The project team led a community meeting on Sept. 23 open to all residents of houses involved in the pilot. Friedrich wrote in an email to *The Tech* that “the general consensus among residents who attended these sessions was that this pilot was a welcome approach to monitoring COVID-19 in our residential community.” Moniz said that the reason the lab is “looking at primarily residential halls is because we know SARS-CoV-2 is excreted in stools.” By comparison, research on shedding through urine has been mixed. Consequently, the Sloan School of Management, the final building included in the project, is an opportunity for Alm Lab to further explore the mechanics of shedding and ultimately determine potential project scale-up, Moniz said. All data collected from wastewater testing is anonymized, Moniz said, adding that since testing is performed at the aggregate scale, the

method serves as a non-invasive, anonymized detection system. No student information is collected in the process, and wastewater testing is limited to COVID-19 detection. MIT Medical’s clinical data will be used to validate the project. Moniz explained, “We want to make sure that if we’re detecting positives, that they’re true positives. We also want to make sure we’re not missing people,” in which case “we need to go back to the drawing board and find out what’s missing in our system.” Brian Schuetz, chief of staff at MIT Medical, wrote in an email to *The Tech* that MIT Medical does not “foresee any major challenges in the collaboration,” but acknowledges that “this is a new field and we don’t yet know the operational, analytical or clinical issues that may arise.” Schuetz wrote that the initiative is “supported” by “the amazing data infrastructure in MIT Covid Apps, which provides a great platform for integrating and visualizing the testing, symptom and wastewater data.”

Friedrich wrote that while the pilot’s results are currently “being reviewed and analyzed by the Institute’s Covid-19 Monitoring Team,” as “the pilot initiative progresses, we will revisit the possibility of integrating this aggregated data as part of MIT’s Covid-19 reporting data.” The house teams and student leaders of the participating residences, as well as members of the broader MIT community, have voiced support for the project during HRS-hosted briefing sessions held for the pilot initiative, Friedrich wrote. The project will be reevaluated at the end of the fall semester to determine the initiative’s effectiveness and any plans to continue and expand, Moniz said. Higgins expressed hope for the initiative, writing in an email to *The Tech* that the wastewater-based detection program “adds another dimension to the system of protection in place today” and “has the potential to transform how we approach Covid-19 detection over the long-term.”

Bandanas unacceptable face coverings due to ‘unacceptably low protection’

Face Covering, from Page 1

and roof decks,” Judy Robinson, senior associate dean of residential education, and David Friedrich, senior associate dean of Housing and Residential Services, wrote in an email to students living on campus Sept. 30.

“Face coverings are required in all indoor common areas such as lobbies, hallways, elevators, stairwells, laundry rooms, parking lots/garages,” Robinson and Friedrich wrote. These regulations “will not impact the privileges available to members of pods in designated pod lounge areas.”

The MIT COVID-19 student policies write that students may remove their face coverings when “alone in a private office or personal space with a closed door” or when interacting with members of their pod in their residence hall. Students may also remove their face coverings when seated to eat or drink while

maintaining six feet of physical distancing. The policies also write that “on the basis of published test data, bandanas are not acceptable face coverings because of unacceptably low protection.” During the summer, Cambridge residents, including students living

on campus, were permitted to temporarily remove their face coverings outdoors while maintaining six feet of physical distancing. The use of face coverings helps prevent asymptomatic people from transmitting COVID-19 to others through respiratory droplets, Robinson and Friedrich wrote.

MIT Libraries adopt phased service policy for fall

Overdue fines have been suspended in light of COVID-19 pandemic so ‘no one should stress over returning library items right now,’ Fay wrote, although returning items is possible

By Vyshnavi Vennelakanti

MIT Libraries are adopting a phased plan for providing access to physical collections in the library for the fall term, while continuing to provide full access to MIT Libraries’ online resources, interlibrary borrowing of digital content, and librarian virtual services. According to the MIT Libraries webpage, services are limited to current MIT students, faculty, and staff.

The webpage states that students, faculty, and staff may request scanned digital copies of materials in MIT Libraries’ physical locations. Students can look up items using a quick search function on the MIT Libraries website and request digital copies of items “only available in print/hard copy.”

MIT Libraries Director of Communications Brigham Fay wrote in

an email to *The Tech* that turnaround times for borrowing materials have ranged “from as little as a few hours to a few weeks.” Turnaround times depend on whether MIT Libraries can “purchase an e-copy of an item,” or “how quickly the supplier turns on access” to the item.

Additionally, if scans of physical items are requested, turnaround times depend on “where the item is located, the volume of requests, and the limited staffing” MIT Libraries has on campus under “safety protocols.”

MIT Libraries “had to completely redesign our workflows to adapt to these unusual circumstances,” Fay wrote, adding that the staff “have been incredibly flexible and dedicated to supporting the MIT community.”

“In the first three weeks of the service, the MIT community submitted approximately 400 requests

for digital copies of items in general circulating collections,” Fay wrote. Additionally, Distinctive Collections has received “more than 110 requests so far from MIT users.”

MIT Libraries also began delivering and providing contactless pickup of physical items such as MIT-owned books and other media Sept. 28.

Individuals returning to campus can “return items at the book drop outside the entrance to Building 7.” Individuals who received items via campus mail may “save the envelopes and labels,” “reverse the label” containing the library address on the back, and drop the items in campus mail. However, Fay wrote that given the pandemic, “overdue fines have been suspended” and that “no one should stress over returning library items right now.”

Off-campus individuals can return items by mailing them to MIT

Libraries. “If needed, you will be able to request one pre-paid shipping label per semester to mail items back to us,” Fay wrote, adding that further details will be provided “soon” on the MIT Libraries website.

According to its webpage, MIT Libraries provides a chat service operating 10 a.m.–5 p.m., responds to questions via email within one business day, and offers subject-specific help with materials for classes and research.

Fay wrote that borrowing textbooks is “a source of particular frustration to students, faculty, and librarians in a remote teaching environment.” Fay added that MIT Libraries staff “are ready to help MIT students and faculty navigate these challenges,” and have created an FAQ “about remote access to textbooks and other materials required for MIT classes.”


The FAQs state that many publishers, including Pearson, Cengage, and McGraw Hill, do not “make electronic copies of their textbooks available for libraries to purchase, regardless of price.” In cases where the Libraries cannot provide students an e-copy of a textbook, purchasing it is often the “fastest” or “only” solution. However, if cost is a concern, “financial support may be available” from Student Support Services or the Office of Graduate Education.

“MIT community members shouldn’t hesitate to ask us for assistance with accessing specific resources or finding alternatives,” Fay wrote.

MIT Libraries’ locations have remained closed since March 14 due to the COVID-19 pandemic.

MIT Libraries’ Service Updates page will be updated throughout the year to reflect any changes in MIT Libraries’ services.

Meet your fellow tech staff.
(aka, your new 3 a.m. pset support group)



join@tech.mit.edu
W20-483, 617-253-1541

Solution to Syllabus
from page 7

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

Solution to Three Pack
from page 7

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

Solution to Exam
from page 7

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



ARTS WANTS
YOU

JOIN@TECH.MITEDU

Speak up to save Armenian lives

What hurts most is silence

It was a very typical Saturday night that ended with a very shocking twist. At least, it would be shocking for the average person. But to me, it came less as a surprise than as a familiar reckoning with grief and emptiness. “War broke in Armenia,” my mom texted. “Azerbaijan has attacked us.”

Again.

I really hope no one has to experience what my people are going through right now, and the thing that hurts the most is the silence.

Western media likes to portray this issue as a territorial dispute with two parties fighting on the same moral grounds.

Artsakh has been populated primarily by ethnic Armenians for millennia, boasting many dozens of ancient churches and other monuments. Upon the formation of the Soviet Union, Joseph Stalin, at his whim, redrew each member country's borders of national republics, and this territory was handed over to Azerbaijan. For the duration of the USSR, Armenia and Azerbaijan were at peace, even though people of Artsakh kept on voicing their dissent. When the USSR collapsed, Azerbaijan unleashed a full-scale attack to prevent Artsakh from realizing its right to self-determination. Against all odds, Artsakh conducted its referendum, won the war, and declared its independence. Azerbaijan signed the ceasefire, yet it did not want to give up on Stalin's prize, so it

Azerbaijan, an oil-rich country with significant restrictions on freedom of speech, has been ruled for decades by the dictatorial regime of the Aliyev family. They have been actively using Armenians as a scapegoat and manipulating the issue of Artsakh as an excuse to silence opposition and cover up Azerbaijan's internal problems.

Western media likes to portray this issue as a territorial dispute with two parties fighting on the same moral grounds, too apathetic to delve into the nuances of the conflict and take a stance (a remarkable exception is *The Guardian*). But the imbalance is clear: Azerbaijani leadership wants to claim Artsakh for their own, and they will not stop until its citizens have been driven out or slaughtered. For Armenia and Artsakh, the territory is their ancestral homeland, and as a tiny landlocked country enveloped by more prosperous powers, it is fighting for its very identity and right to self-determination.

It would be insincere of us not to try and share with you the pain we feel for senseless destruction, suffering, and death we see as the result of Azeri aggression.

Very few ethnic Armenians remain in the world; the last thing any of us want is even more dead Armenians. Yet, we also do not want dead Azeris. Our dearest wish right now is for the fighting to stop, but that won't happen until the corrupt, authoritar-

Every day there is a person who hesitates to make a statement. But the only way we can achieve peace is speaking up for justice in this world.

Martin Luther King Jr. once said, "In the end, we will remember not the words of *our* enemies, *but the silence of our friends.*"

Every day there's a new attack on another city, another village, another house. Every day another mother loses her child, another woman becomes a widow, and another child becomes an orphan. Every day houses that were standing for decades are demolished, and yet another family stays without a roof over their head. Every day there's a new list of heroes who fell while protecting our homeland. Every day there is a person who hesitates to make a statement.

I hope you won't have to be in my shoes; at eighteen, I have already seen three wars in my lifetime. But the only way we can achieve peace is by speaking up for justice in this world.

The authors of this article are members of the MIT Armenian Society:

Alexandra Martirosian '21 is an undergraduate studying computer science and a member of the MIT Armenian Society.

Natalie Muradyan '23 is an undergraduate studying computer science and mechanical engineering and the president of the MIT Armenian Society.

Editorials are the official opinion of *The Tech*. They are written by the Editorial Board, which consists of Publisher Nathan Liang, Editor in Chief Kristina Chen, Managing Editor Ivana Alaridin, Executive Editor Aron Ricardo Perez-Lopez, and Opinion Editor Jen Fox.

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Stop telling URMs to wait for change

Four ways MIT can advance DEI without a strategic plan

Join *The Tech*!
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Want to see these teams battle it out in person?

WENBO’S WALKS

When you wish upon a moon

A four-leaf clover for a block of cheese

By Wenbo Wu
EDITOR

When I was young, I used to dream of a little boy on the moon. And when he'd dream, he'd hope and wish that dreams didn't end so soon. He'd walk a little crater and sing a little greater of another on earth-en ground. "Oh how nice it must be, how calm and at peace, it must be to finally be found!"

The boy often wished upon a star, the only one he knew. His turning world phased him none, though oft he caught the blues. In the dark he'd ponder away, unknowing of his worth. He'd wish that there would come a day when his star would face him north.

He wandered searching, looking for something, oh what a lonely sight! He'd call out forever into the darkness and far into the night. The darkness followed, and he encircled, he put on quite a chase! He once caught his shadow, but it slipped from his fingers, before it flew away.

He could hardly be real, not seeing himself, in palms or on the floor. He used to pine for a wizard or elf, to lift him from this chore. He'd stand, then fall, then rise again, in his task to chase the light. For the darkness loomed above his head, and filled him quite with fright.

I paced like him as nomads do, from Dallas to New York. I questioned him with longing eyes, "For whom do you fall short?" I calmed my dreams with poetry, yet lingered

on the words. I placate minds in twos or threes, and hummed between the chords.

Like the phases of the moon, my heart-strings waxed and waned. How I yearned to keep it full, to leave pain sick with vain! The shadow glued to my figure ran, as I fled the darkened street. I tossed and turned and wept again, all within my sheets.

But came a day when I converged, upon happy happenstance, a field of dreams from a movie scene enraptured in a trance. I sat me down and beside me found the prettiest path of ground, and upon inspection discovered confections of the clover most prettily profound.

Its quadruplicate leaves left me no longer bereaved, for luck saw someone too. I looked into his very eyes, and thus proclaimed it true. The boy on the moon awoke with a start, and in his heart a fire grew. Beside him bloomed a silent companion, *maybe he's like me too.*

Thus hands were held and natures felt in many exclams of glee. Reality's reprieve from depths of dreams is that it's not temporary. In six months felt, in six months past, the moon had danced thus forth. Even in the umbra of the newest moon, I'd know its joy henceforth.

So I ask of dreams, and dreamers alike, to raise a glass tonight. I hope you sleep well, and I hope you stay strong, for the love that'll come to light. And I hope when you look up, you'll see what I see, perhaps someone dreaming too. And them not so lonely, with their company, and a marvelous breathtaking view.



A boy looks at the only star he knows.

WENBO WU — THE TECH

It's Dangerous to Go Alone!



Take This.

photo@tech.mit.edu

Syllabus Violation

Solution, page 3

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

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.

Exam Conflict

Solution, page 3

480x			360x		
3				1	
180x		60x			2
	2x			1-	
10x		20+			4
4			6x		

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.

Three Pack by Steve Faiella

Solution, page 3

ACROSS

- 1 Flat craft on a river
5 24-hr. cash sources
9 Washbowl
14 Fencing sword
15 Hammer target
16 Wear down gradually
17 With 61 Across, giving up another for one's own benefit
19 Makes airtight
20 Unlikely, as a chance
21 Acrobatic performance
23 Canary or kitty
24 Honolulu's island
26 __ as a cucumber
28 Make a mess of things
33 Foamy chocolate dessert
35 Elongated fish
36 Cause of woe
37 Sounds of relief
38 Nightingale Pledge takers: Abbr.
39 After-tax
40 Type of IRA plan
42 Scooby-__ (toon dog)

- 43 Sports-shoe grippers
46 Reveal secret intentions
49 Say loudly
50 François' girlfriend
51 Pose a riddle
54 Took a snooze
56 Term like "my dear lady"
59 Muscle twinge
61 See 17 Across
64 Dance music often played on an accordion
65 Grow weary
66 Fancy hired car
67 Large beer mug
68 Alternatively
69 Saint-Laurent of fashion

DOWN

- 1 Football official, for short
2 Orangutans, for instance
3 Have the opinion
4 Monotonous
5 Raggedy 42 Down
6 Touches a base, then runs
7 Senator Romney
8 Doesn't sit straight

- 9 Give, as a prize
10 "__ we there yet?"
11 Bathtub cake
12 Just chillin'
13 Hatchling's home
18 Islamic priests
22 Christmas carol
25 Color variety
27 High shot in tennis
28 Great enjoyment
29 Choir member
30 Military levels
31 What a long sock might reach
32 Movie sound stages
33 The fourth planet
34 "This is not good . . ."
38 Casino spinner
41 Rd. without traffic lights
42 Small plastic person
43 America's Uncle
44 Top-shelf, informally
45 "In a perfect world . . ."
47 He never disagrees
48 Works a banquet
51 Nile reptiles

1	2	3	4		5	6	7	8		9	10	11	12	13
14					15					16				
17				18						19				
	20					21			22			23		
			24		25			26			27			
		28					29				30	31	32	
33	34					35				36				
37						38						39		
40			41		42				43	44	45			
46				47				48						
			49					50						
51	52	53		54			55			56		57	58	
59			60			61			62				63	
64						65					66			
67						68					69			

- 52 Detect visually
53 Veggie with crinkly leaves
55 TV psychologist Dr. __ McGraw
57 Tel __, Israel
58 Viral Internet idea
60 Glide down snow
62 Itsy-bitsy
63 "Send help" signal

[45] Schrodinger

