Despite the recent shift to online instruction as a result of the COVID-19 pandemic, the Georgia Tech Library remains essential for the continuity of curriculum delivery and research across the Institute. E-resources remain available, and all scheduled courses and consultations with librarians, archivists, and public service associates will continue virtually. In many ways, it's business as usual — even in unusual times. For more information, visit the library's response page at library.gatech.edu/covid-19-library-response.

AAMI, ASTM, and IEEE Standards
If you are doing any research related to COVID-19 with ventilators, protective clothing, barrier protection, or organizational issues during this pandemic, some applicable standards are now available at no cost, but you must register. Contact your subject-matter expert if you have any questions.

Academic Video Online
ProQuest has partnered with renowned provider Film Platform to bring more than 500 high-demand, thought-provoking documentaries to Academic Video Online.

March 30 marked something altogether new for many of us, as all spring semester courses went online. We aren't in truly uncharted territory, but an Institute-wide online scenario is certainly not something we ever would have anticipated. This disruption is temporary and will be difficult, but student success is and will remain at the forefront of all of our efforts. These are not normal times — and successfully moving forward will require extraordinary flexibility, empathy, adjustment, and communication.

Faculty know that delivery and curricula must be adjusted, but foremost is the need to establish good, honest, and constructive two-way communication. I urge faculty to communicate clearly and listen to students. Despite the difficulties and obstacles ahead, we have a shared responsibility to work together — faculty to offer the best possible education within the constraints of the new format, and students to adapt and learn as
COVID-19 Research Roundup

Rapid Testing Site on Tech’s Campus
In concert with CVS Health and state and federal health authorities, Georgia Tech opened a mobile testing site in the parking deck located at 332 Peachtree Place. The Georgia Tech Police Department and its Office of Emergency Management are managing traffic flow to keep individuals being tested isolated to one area.

For more information about the test and drive-through testing program, visit cvs.com/minuteclinic/covid-19-testing.

Just in Time: Making Respirator Parts
Recent materials science and engineering graduate Kolby Hanley has turned his company's warehouse into a rapid-response center to create respirator parts.

Hanley has partnered with Lee Whitcher, a fellow Tech aerospace engineer, who spearheads the group AtlantaBeatsCOVID.com.

Hanley’s facility specializes in rapid prototyping, which made it a perfect place to 3D print molds based on Whitcher’s designs. These molds are then used to create the respirator parts that fit over a patient’s nose and mouth to facilitate breathing.

“I’ve been working directly with Lee every day,” Hanley said. “We go back and forth on the design of the mold, and he’s getting really close to perfecting it. After that’s done, we will create casting kits that we can send to people throughout the state, so anyone can use the molds to make respirator masks.”

Simple, Low-Cost Ventilators
A ventilator based on the resuscitation bags carried in ambulances — and widely available in hospitals — has been designed by an international team of university researchers, including Georgia Tech. The device, which is powered by a 12-volt motor, could help meet peak medical demands in the industrialized world and serve resource-constrained countries that don’t have supplies of conventional ventilators.

The device, which can serve two patients simultaneously, can be produced from inexpensive metal stock and plastic gearing. Power comes from standard wall adapters or 12-volt vehicle batteries. The research team is working with the Emory University Office of Technology Transfer to move the design into manufacturing.

DIY Face Masks
While homemade protection as simple as scarves and bandanas can be helpful, there are ways to optimize the benefit of do-it-yourself personal protective equipment.

“For situations that don’t involve intimate and prolonged interactions with COVID-19 infected individuals, we believe that DIY cloth face masks combined with proper social distancing etiquette will help slow the spread of this virus,” said Ryan Lively, an associate professor in Tech’s School of Chemical and Biomolecular Engineering.

He and his colleagues believe that two or more layers of a tightly woven, knitted, or non-woven fabric can provide at least a partial barrier to virus-containing droplets, which, when combined with social distancing, can reduce the likelihood of virus transmission.

A new website (research.gatech.edu/rapid-response) has been created to bring together recommendations and templates for making face masks. The website provides guidance for making unsewn, sewn, glued, and 3D-printed face masks.

Read these stories and more at helpingstories.gatech.edu.

Library, from page 1

Bloomsbury Databases
All Bloomsbury databases are open through the end of May. They include the architecture library, cultural history, and e-book collections, among others.

Ebook Central
Many publishers have upgraded their licenses to unlimited users through June.

Gale COVID-19 Resource Hub
Gale has created an online toolkit where librarians and educators can optimize their existing resources, access additional resources supporting health research and content for teaching, find professional development resources to help transition to virtual learning, and more.

HathiTrust
HathiTrust is a partnership of academic and research institutions offering a collection of millions of titles digitized from libraries around the world.

Project MUSE
Several publishers have chosen to temporarily make content freely available on Project MUSE. Each publisher designates the specific content and the amount of time it will be freely available on MUSE. View the list of participating publishers daily, as it changes often.

VitalSource
Barnes & Noble at Georgia Tech has partnered with digital course materials provider VitalSource and leading publishers to launch VitalSource Helps, a program that provides students with access to e-books.

World Scientific Journals
Georgia Tech’s journal access has been upgraded to include all World Scientific journal content published since 2001. It is available until June 30.
best they can in this difficult environment.

Our entire community — students, faculty, and staff alike — will have to work in collaboration to establish new expectations based on flexibility and a shared understanding of getting through these unprecedented circumstances together.

Using technology in new ways to provide instruction, conduct assessments, and communicate will be a challenge, but it is important to exercise patience. We must be mindful of what many of us — faculty, staff, and students — may be going through at home, with children and parents, illness, etc. These times certainly will require compassion, transparency, agility, creativity, and likely a sense of humor, where we can muster it, but I know we will get through it.

More than anything, we must stay connected. This includes adjustments to coursework and feedback on what's working and what's not working, but most importantly, being a resource when help is needed. We have to take care of one another. Each of our lives has been disrupted, and we must be fair and understanding.

I thank you all for your hard work, diligence, and commitment to deliver and receive the best education possible under these unprecedented and trying times. I am sure that we will succeed.

---

**Kaminsky’s Work Shines Through the Darkness**

MICHAELE PEARSON
IVAN ALLEN COLLEGE OF LIBERAL ARTS

Georgia Tech poet Ilya Kaminsky recently won the Anisfield-Wolf Book Award for Poetry for his latest book, *Deaf Republic*. The awards “recognize books that have made important contributions to our understanding of racism and human diversity.”

“It feels strange to be celebrating at such a bewildering, sad time,” Kaminsky said. “But I am beyond grateful and am stunned to receive this year’s Anisfield-Wolf Book Award for Poetry. I have always so admired the work of the judges, so it is very humbling to know that they have read my book. The mission and history of the organization is especially important for me, so it is a huge honor to be associated with it.”

Kaminsky is the Margaret T. and Henry C. Bourne Jr. Chair in Poetry in the School of Literature, Media, and Communication and director of the Poetry@Tech program. He came to Tech in 2018, a quarter century after arriving in the U.S. with his family as political asylum seekers from Russia.

*Deaf Republic* is inspired by Kaminsky’s experience navigating his youth in the Soviet Union as a person living with hearing impairment. It is at once a fairy tale, an exploration of language in a time of crisis, and an intensely political text.

“*Ilya Kaminsky’s Deaf Republic* continues to haunt me,” said poet Rita Dove, one of the jurors for the award. “It’s a parable that comes to life and refuses to die.”

---

**Nell, Yes! Fortner Is the Georgia Women’s College Coach of the Year**

Women’s Basketball Head Coach Nell Fortner was recently named the 2020 Whack Hyder Georgia Women’s College Coach of the Year after leading the Yellow Jackets to a successful season.

In her first year on The Flats, Fortner guided the Jackets to a 20-11 overall record, marking the best record by a first-year head coach in Georgia Tech women’s basketball program history. Tech concluded the Atlantic Coast Conference season with a 10-8 mark, good for the first winning conference record since the 2013-14 season and the first 10-win ledger in ACC play since 2011-12.

The team capped the season reaching the ACC Tournament quarterfinals for the first time since 2016. Additionally, the Jackets went 4-2 against top-25 programs during this abbreviated season and collected seven wins over teams in the top 75 RPI.

Other highlights include Tech’s first-ever win in Athens when the Yellow Jackets defeated the University of Georgia, 73-40, on Nov. 17. Senior Francesca Pan, who was named to the ACC All-Tournament Team, also picked up All-ACC second team honors and was named to the All-ACC Academic Team for the fourth time.

---

**Coach Nell Fortner had an inspiring first season at Tech.**
It's the last week of the 1918 baseball season. The Boston Red Sox are on the cusp of winning the World Series on the back of legend-in-making Babe Ruth. World War I is still raging in Europe. And a killer virus is stalking the streets of Boston.

This is the backdrop for the latest work by Georgia Tech historian Johnny Smith — a story that resonates today amid the spread of the coronavirus and its impact on our lives.

“We are living in a moment where a global pandemic has disrupted everyday life in ways we have not seen since 1918,” said Smith, the J.C. “Bud” Shaw Professor of Sports History in the School of History and Sociology.

War Fever, Smith's book with his frequent collaborator, Purdue University historian Randy Roberts, is only partially about the flu pandemic. The book is the interwoven tale of three figures — Ruth, Boston Symphony Orchestra conductor Karl Muck, and an Army officer from the Boston area named Charles Whittlesey, who led the “Lost Battalion” that held off German forces in the Argonne Forest. It examines the impact of anti-German xenophobia and the flu pandemic on Boston in the fall of 1918.

The book tells how many of the patriotic rituals we expect at sporting events today — the playing of the national anthem and other patriotic tunes, honors for members of the military — stem from World War I. It also speaks to widespread anti-German sentiment, including sudden doubts about Muck, one of many people of German descent whose loyalties were questioned during the war.

The effects of the flu also are an integral part of the tale Smith and Roberts weave, from Ruth coming down with a case of the flu during the season and nearly dying from treatments — presaging the coming epidemic — to the possible effects of the virus on attendance during the decisive sixth game of the series.

They also offer a new argument that the series helped spread the flu throughout Boston, which ultimately saw 4,500 deaths.

An estimated 675,000 people in the United States and 50 million people worldwide died as a result of the flu that emerged that year.

With all of this going on, the Red Sox victory “failed to generate celebrations in the streets of Boston,” Smith says, as news from overseas and the flu epidemic stole all the headlines.

War and illness led to the biggest disruption in sports until now; Smith notes, with hundreds of contests, football games, boxing matches, and other events canceled or postponed.

Similar cancellations have now swept through the sports industry. Every major sports league has suspended operations, leaving millions of suddenly housebound Americans with no sports to entertain them. Of course, the world is different now than it was 100 years ago. Streaming video will help fill the gap in a way that early 20th century communications tools could not, Smith said.

But he predicts that once the virus’ grip on society has eased, sports will return to its place as a unifying diversion, a role it has long played:

“It happened in the 1920s because the culture shifted to looking for an escape from the war and the flu,” Smith said. “It happened after 9/11. It’s as if the stadium serves as a cathedral of normalcy. And there will come a time when we will fill the arenas again and celebrate this return to normalcy. And it will be a very moving moment.”

Scheller College says “thank you” to GTPD

On April 3, Anne Lynch, a communications manager for the Denning Technology & Management Program in the Scheller College of Business, delivered 11 unopened containers of Clorox wipes, five rolls of paper towels, and a handful of personal-size hand sanitizers to the Georgia Tech Police Department. Every act of kindness and gratitude matters.