

Two students selected for Fulbright Canada and MITACS Globalink internships

Two Georgia College students have been selected to participate in summer research internships funded through a partnership by Fulbright Canada and MITACS Globalink.

Junior physics major Catherine Boyd and junior biology major Molly Bullington will undertake advanced research projects for 10 to 12 weeks under the supervision of faculty at Canadian institutions.

Boyd will perform research on nanostructured thin film devices with faculty from the University of Victoria. Nanotechnology, a relatively new field of study, centers around engineering materials and their properties at very small-length scales. It is widely used in technology, including in electronics and automobiles.

Bullington will study the neural circuit for courtship behavior in drosophila, known more commonly as fruit flies, with faculty from the University of Saskatchewan – Saskatoon.

Students would typically travel to Canada for the internships. This year, though, the internships will be conducted virtually.

While different from a Fulbright Scholarship, the internships are administered by Fulbright Canada. The program is relatively new, and this is the first time Georgia College students have been awarded this internship.

The program does not publish its statistics on how many internships are awarded annually. However, the internship is nationally competitive, said Anna Whiteside, assistant director of the Honors College and coordinator of the National Scholarships office.

"The program has great benefits, so it's competitive. Our particular students were heavily involved in undergraduate research," she said. "Both were referred to me by MURACE for their undergraduate research experiences."

Boyd developed an interest in physics early on through her family's iron foundry business and is looking forward to researching a new topic.

"This research is similar to research that I am doing now, but it will still give me a new opportunity that I cannot wait to explore," said Boyd. "This internship will also let me practice working with new people and new mentors. I am excited to strengthen my research skills and learn more



Catherine Boyd

research techniques."

Before attending Georgia College, Boyd worked at the foundry as an engineer intern. After initially enrolling at Georgia College as pre-engineering, she discovered a passion for physics and changed her major.

"After I graduate, I will be attending another undergraduate school to earn a mechanical engineering bachelor's," she said. "After my second bachelor's, I will be applying to graduate programs to get a master's in engineering. My dream is to work for NASA, so hopefully this will put me on the right path."

Just like Boyd's passion for physics, Bullington has had a longstanding passion for biology. She's always been interested in the details of things and understanding how and why they work.

Data analysis will comprise the majority of her research with the University of Saskatchewan. Since the internship is virtual, she will not carry out physical experiments. Instead, she will analyze data produced by colleagues who are present in the lab.

"For the specific project I will be working on, I will be analyzing behavioral assays of a model organism, the fruit fly," she explained. "The physical experiments will include genetic manipulation of very specific genes known to be responsible for the male fruit fly courtship behavior. Genetic crosses and behavioral studies will be set up in the lab, whose outcomes I will then analyze to ultimately better understand the development of the neural circuit responsible for courtship behavior."

"This internship will push me to be a better student, one that is confident in myself and my abilities as they have gotten me this far in obtaining the internship," she said.

Upon graduation, Bullington plans to attend school for veterinary medicine. Another possible academic path she may take, once accepted into vet school, is to apply to a dual-degree program for a Doctorate in Veterinary Medicine (DVM) and a Ph.D.

Both students expressed excitement and enthusiasm over the opportunity to work alongside a faculty member in Canada, gaining personalized mentoring.

"This is an opportunity to do research projects that we might not have at Georgia College," said Whiteside. "This is also a great first step towards learning how international research collaborations work, and also learning about research culture in other countries."



Molly Bullington

Faculty Recital: Dusty Woodruff, guitar

An evening of eclectic music awaits you as Georgia College presents a "Guitar Recital" with faculty member Dusty Woodruff Wednesday, March 31 at 7:30 p.m. online.

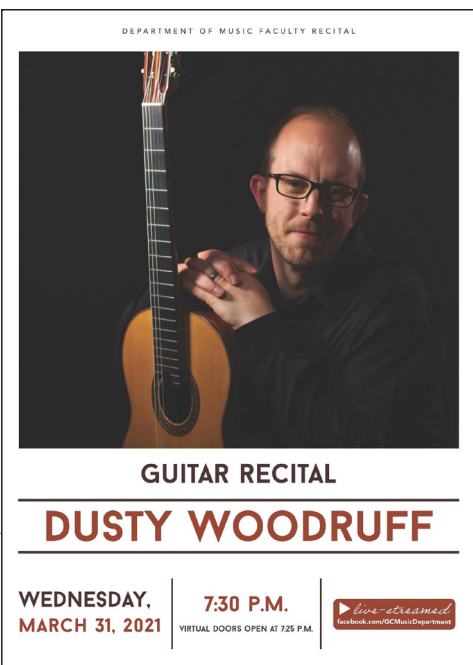
Music will range from the Spanish Baroque and Classical periods through several contemporary composers, as well as three hymns arranged for solo guitar in the traditional, Celtic and blues styles.

Many of the selections are folk inspired with one piece, "Sonata Tansman" by English composer Richard Alexander Vaughan, premiering at the concert.

Please follow the Department of Music on [facebook.com/GCMusicDepartment](https://www.facebook.com/GCMusicDepartment) to view this live-streamed concert.

A \$5 donation is encouraged. Online donations can be made at alumni.gcsu.edu/music. Mail-in donations for music scholarships can be made out to GCSU Foundations, Inc. and sent to GC Music Department, CBX 66, Milledgeville, GA 31061.

All proceeds benefit music scholarships or the GC Department of Music through GCSU Foundation, Inc. For more information, please email music@gcsu.edu or call 478-445-8289.



DEPARTMENT OF MUSIC FACULTY RECITAL

GUITAR RECITAL

DUSTY WOODRUFF

WEDNESDAY, MARCH 31, 2021 7:30 P.M.

VIRTUAL DOORS OPEN AT 7:25 P.M.

Live-streamed [facebook.com/GCMusicDepartment](https://www.facebook.com/GCMusicDepartment)

Theatre and Communication collaborate for '7 Day Plays'

Normally at this time of year, theatre students conduct a time-restricted project called "24 Hour Plays" with only 24 hours to write, rehearse and perform original plays.

Because of COVID restrictions, theatre students joined up with filmmakers in the communication department this year to create, "7 Day Plays." This "explosion of creativity" gave students one week to produce and film three original plays.

The films premiered March 20 and are available for viewing at www.gcgivingvoice.com.

"COVID-19 hasn't been friendly to many of us," said Angela Criscoe, assistant professor of communication. "However, as we saw in the media industry, television didn't stop. Instead, they found ways to work at a distance, create production protocols for safety and produce content that still reached their target audiences."

With this in mind, Criscoe and guest artist Iona Holder came up with a plan. Three student writers developed short scripts that were rehearsed, performed, filmed and edited in seven days. Seven communication students, 10 actors and 20 theatre majors were involved in production. The time frame was extended to a week, in order to create something "worthy of sharing over the internet," Holder said.

Film students incorporated the use of 360 video techniques, along with traditional videography. This experience gave Criscoe's students valuable skills and know-how for producing quality content during a pandemic. It allowed theatre students to continue their craft and learn new film processes, as

well. Plays were filmed in one take without stopping, then edited.

Holder has been involved with "24 Hour Plays" for 18 years. She was glad students didn't miss the opportunity this spring. The process is "an intense, compressed exercise of creating theatre together, a collaboration on fire," she said. Results are impressive, given the pressure to produce so quickly.

"COVID has provided many challenges, and every challenge is embedded with opportunity for new understanding," Holder said. "In a time when many universities paused all production work, Georgia College worked to stay informed on the safest ways to move forward together."

Film and theatre differ in numerous ways, Holder said. But they overlap too. Finding the balance was a learning opportunity.

"It's important for students across disciplines to have opportunities to appreciate the talents of other students," she said. "Experiences like this one help bridge the gap and offer students ways to build relationships."



Did you know?

Sophomore accounting major Zac Maurer was the first student from Georgia College to compete in the Southeastern Hedge Fund Competition.

The competition gives participants the opportunity to apply theory to practical strategies. Student teams submit hedge fund strategy proposals that are evaluated by a panel of investment professionals. The top five teams are invited for the final competition in April.

"The competition is important because it allows for the demonstration of new investing strategies," said Maurer. "It is international and allows people getting their undergrad, master's or Ph.D. to compete for the same prize."

"With help from my professors, I had to develop a trading strategy that would outperform the S&P 500," he said. "This involved researching for five months with various academic papers, as well as developing an algorithm that would analyze and predict future movements in stock returns. The algorithm had over 500 lines of code."

What's going on in Bobcat Territory?

Visit frontpage.gcsu.edu/calendar

Tuesday	Wednesday	Thursday	Friday	Saturday
<p>30</p> <p>4 p.m.- GC Baseball vs. West Georgia.</p> <p>7 p.m.- Author Sonya Renee Taylor presents: <i>The Body is Not an Apology: Radical Self-Love as Transformative Action</i>. Register at http://bit.ly/2NjbomK.</p>	<p>31</p> <p>7:30 p.m.- An evening of eclectic music awaits you as Georgia College presents a "Guitar Recital" with faculty member Dusty Woodruff. Please follow us on facebook.com/GCMusicDepartment to view this live-streamed concert.</p>	<p>1</p> <p>6 p.m.- A Discussion with Filmmakers Larissa Lam and Baldwin Chiu on Their Award-Winning Documentary Film, <i>Far East, Deep South</i>. Register at https://tinyurl.com/79nefzja.</p>	<p>2</p> <p>2 p.m.- GC Softball vs. UNC Pembroke.</p> <p>6 p.m.- GC Volleyball vs. Lander.</p> <p>6 p.m.- GC Baseball vs. Ga. Southwestern.</p>	<p>3</p> <p>1 p.m.- GC Baseball Doubleheader vs. Ga. Southwestern.</p> <p>3 p.m.- GC Volleyball vs. Young Harris.</p>