

Provost Update to Senate November 17, 2022

ANNOUNCEMENTS AND UPDATES

- Previous faculty newsletters can be found at <https://provost.catholic.edu/newsletters>
- Previous updates to the Academic Senate have been posted to the same website and are organized by academic year.
- Both the faculty newsletters and the updates to the Academic Senate are searchable using the search tool at the top of the page.
- An announcement on academic building access over the Christmas/New Year holiday break will be made in the beginning of December. Faculty and staff should make preparations to not access campus over the break.
 - This is for safety and energy savings.
- Calendar reminders:
 - The University is on Thanksgiving break from Wednesday, November 23 through Sunday, November 27.
 - The Patronal Feast of the Immaculate Conception is Thursday, December 8. No classes are held that day.
 - The thesis and dissertation deposit deadline for fall 2022 graduation is Friday, December 9 at 5:00 pm.
 - Sunday, December 11 is a Reading Day.
 - The last day of classes is Monday, December 12.
 - The final examination schedule for the fall 2022 semester has been posted on the [Enrollment Services website](#).

GROWTH TASKFORCE

- Graduate Student:
 - Gray Associates Workshop Nov 8 and 9
 - Contract initiated for changes to TargetX by January
- Undergraduate Student:
 - Updated timeline of yield events
 - Admission scheduled regular meetings of representatives of each dean
 - Application date changed to Feb 1
- International Student:
 - Globally Recruit: webinar #3 Nov 19
 - BridgeU: kickoff meeting Nov 7
 - Name Buys
- Other
 - Ambassador Series

PHONES

- The University spends about \$39,000 a month on desk telephones, with over \$21,000 of the charges coming from the Academic Division.

- No calls were made during the month of September on 50% of the Academic Division phones, another 25% of the lines made between 1-10 calls (fewer than 1 every two business days), and another 10% made between 11-30 calls. This means that only about 15% of our lines make on average more than about 1.5 calls per business day.
- We will be working with technology services, the deans and some faculty and staff to sort out the best thing to do.

RESNET

- This is the work of Student Affairs and Technology Services, not the Provost's office, but the issue of bandwidth issues in the student dorms has come up in the Academic Senate and in my meetings with the SGA, so I would like to pass along some good progress thanks to our colleagues.
- The connection between the main campus trunk line (Leahy) and the ResNet has been tripled to 3 Gpbs. You can see in the plot below that it is being utilized.



REPRESENTATIVE NEW GRANT AWARDS

- To Lynn Mayer, Provost Office, \$75,620 from Jumpstart for Children for "Jumpstart for DC 2022-2023."
- To Ian Pegg, VSL, \$56,684 from Atkins Federal for "Atkins WRPS Alternative Bubbler Material Testing and Selection."
- To Christian Bomela, Mechanical Engineering, \$254,644 from American Society of Engineering Education for "Engineering Postdoctoral Fellowship Program."
- To Chigomezzyo Ngwira, Physics/IACS, \$386,928 from NSF for "Modeling and Analysis of Extreme Geomagnetically Induced Currents (GICs)."
- To Arash Massoudieh, Civil Engineering, \$143,971 from DC Water and Sewer Authority for "Evaluating the Parameters Controlling Solid Setting Properties in HRAS Carbon Removal Systems and Optimal Control of Thermal Hydrolysis."
- To Hassanali Akbari, Physics/IACS, \$718,851 from NASA for "Determining Underlying Plasma Waves and Solitary Structures Associated with Planetary Ion Escape at Mars."

REPRESENTATIVE PROPOSAL ACTIVITY

- From Min-Yang Chou, Physics/ IACS, \$95,487 to NASA for “Understanding the influence of thermospheric conditions and solar activity on the occurrence of equatorial plasma bubbles with data assimilation.”
- From Shaela Jones-Mecholsky, Physics/IACS, \$54,401 to NSF for “ The magnetic topology of solar eruptive events.”
- From George Nehmetallah, EE/CS, \$64,591 to NASA for “Electrical system support for the Dali Project to develop a seismometer instrument.”
- From Jandro Abot, Mechanical Engineering, \$21,001 to NASA for “Mars Sample Return Research at NASA/Goddard.”
- From Teresa Monsue, Physics/IACS, \$506,486 to NASA for “Multiwavelength TESS-Swift-NICER observations of pulsations in flares on solar-type stars.”
- From John Judge, Engineering, \$600,000 to U.S. Nuclear Regulatory Commission for “The advancement of underrepresented Hispanic junior faculty in Engineering.”
- From Hang Liu, EE/CS, \$300,000 to NSF for “ Dependable and resilient drOne-based smart Internet-of-Surveillance-Things.”
- From Guiping Liu, Physics/IACS, \$40,001 to UCAr (subaward from NASA prime) for “Regional and global responses of the whole atmosphere to the April 8, 2024 total solar eclipse.”
- To Xiaolong Luo, Mechanical Engineering, \$477,000 to NIH for “Bacterial chemotaxis-based rapid antibiotic susceptibility test (AST) for individual treatment of acute bacterial infections.”

GLOBAL STRATEGIES

- 59 students have visas to go to the Rome campus in the spring semester. This is a good number.
- Study and research abroad is back!

LIBRARIES

- It’s time to submit your course reserve requests for the Spring semester.
 - Requests must be submitted online through the [course reserves page](#).
 - Whenever possible, we will use electronic course reserves which provide students with 24/7 access from any location. Several years of usage data show that very few students borrow physical reserves.
 - If you are requiring your entire class to stream a film, send your requests directly to Joan Stahl, Director of Research and Instruction: stahlj@cua.edu. Please include course prefix, course number, course name and semester (e.g, Spring 2023).
 - Additional information about course reserves and relevant copyright guidelines can be found on the [course reserves page](#).
 - If you have questions, please feel free to email lib-reserves@cua.edu or call 202-319-5060
- The University Libraries seeks to better understand students’ textbook experience. To date, more than 100 students have filled out the [OER feedback form](#) and many have

indicated a preference for open access textbooks. Feel free to share the link with your students so that we hear from more. If you are interested in using open access textbooks or other [open educational resources](#) but are not sure where to begin, reach out to your [liaison librarian](#) who will be happy to assist you.