

## Provost Update to Senate December 10, 2020

As in recent months past, our office published a newsletter with lots of current information in it. Please take a look for more details: <https://provost.catholic.edu/newsletters>

### TEACHING - FALL

- Thank you for all you have done this fall. We successfully made it to the end!
- A reminder that all grades are due on Tuesday, December 15 at 3:00 p.m., and I urge everyone to meet that deadline!

### TEACHING - SPRING

- Enrollment Services has updated the [modalities](#) for spring courses. They are currently rooming classes scheduled to be in person or in person with synchronous remote instruction.
- The numbers of undergraduate students registered by school and the distribution of their course modalities can be found [here](#).
- The numbers of graduate students registered by school and the distribution of their course modalities can be found [here](#).
- Students have the option to elect to be fully remote in the spring by filling out this [form](#). It will be helpful to collect this information as we do the next level of class planning.
- As a reminder, we are planning to start online classes January 25 and in person classes Feb 8. We are continuing with the plan for students to quarantine for 2 weeks upon arrival in January.

### CONTINUED TRAINING FOR FACULTY

- The CTE also now has a regular newsletter, please check it out [here](#).
- **Practice teaching in the new classrooms** (from the newsletter):
  - From January 4-15, select classrooms on campus will be open for you to practice using the upgraded classroom technology.
  - While you practice in the classroom, CTE team members will be available, either in person or on Zoom, to discuss best practices for hybrid instruction.
  - **Register by December 11.**
  - We will contact you by December 16 to provide
  - Necessary details and a schedule based on your availability.

### NEW GRANT AWARDS

- Award from DC Water and Sewer Authority to Arash Massoudieh, Civil Engineering, \$168,000 for “Evaluating the parameters controlling solid settling properties in HRAS carbon removal systems and using acoustic analysis to assess the performance of anaerobic digestion system”.

- Award from Adaptive Phage Therapeutics to Venigalla Rao, Biology, \$210,000 for “Development of phage-based Covid-19 vaccines and supporting a Covid-19 clinical trial”.
- Subaward from University of Maryland - Baltimore to PI Sang Wook Lee and Co-PI Peter Lum, Biomedical Engineering, \$1.034M for “Interventions based on accurate assessments with combined home-hospital rehabilitation”
- Award from UHM, Inc, to John Philip, Physics, \$70,000 for “UHM Geopolymer Development & Testing”.
- Award from Institute for Technology in Health Care to Jeanne Moore, Nursing, \$50,000 for “Training Graduate & Undergraduate Nursing Students in Telehealth Technology”.

### **FACULTY GRANT TRAINING OPPORTUNITIES**

The university will provide faculty webinars discussing proposal strategies for major federal agency programs. Upcoming webinars include:

- Mid-January: Department of Defense Early Investigators Program
- Mid-February: NIH
- Late March: NSF Early Career Program

### **GRADUATE ADMISSIONS**

- Based on the December 9th Spring 2021 Graduate Application Statistics Report:
  - Spring 2021 Master’s Statistics (compared to Spring 2020 – comparison date of 12/5/2020)
    - Overall, there is an increase of 3 applications (+1.6%);
    - Overall, there is an increase of 19 admissions (+16.8%);
    - Overall, there is an increase of 13 deposits (+22.8%).
  - Spring 2021 Doctoral Statistics (compared to Spring 2020 – comparison date of 12/5/2020)
    - Overall, there is a decrease of 5 applications (-11.9%);
    - Overall, there is an increase of 1 admissions (+4.3%);
    - Overall, there is an increase of 2 deposits (28.6%).
- Based on the December 9th Fall 2021 Graduate Application Statistics Report:
  - Fall 2021 Master’s Statistics (compared to Fall 2020 – comparison date of 12/5/2020)
    - Overall, there is a decrease of 7 applications (-4.8%);
    - Overall, there is a decrease of 8 admissions (-14.3%);
    - Overall, there is an increase of 0 deposits (+0%).
  - Fall 2021 Doctoral Statistics (compared to Fall 2020 – comparison date of 12/5/2020)
    - Overall, there is an increase of 14 applications (+5.3%);
    - Overall, there is a decrease of 2 admissions (-10.5%);
    - Overall, there is an increase of 0 deposits (0%).

## **DOCTORAL COMPLETIONS THIS FALL - JANUARY GRADUATION**

- There have been thus far 13 doctoral oral defenses this fall semester during the months of October through December.
  - Arts and Sciences = 6
  - Engineering = 2
  - Nursing = 2
  - Theology and Religious Studies = 2
  - Philosophy = 1

## **NEW ACADEMIC AREA FORMS**

- We are beginning a process to replace a number of academic area “paper-based” forms with “electronic forms”. Two paper-based forms that are widely used by faculty have recently been replaced with Google Forms (both are available on the [Graduate Studies website](#)):
  - [Application for Leave](#) (e.g., sabbatical requests)
  - [Confidential Report of the Secretary of the Board on Oral Examination for the Doctorate](#)
    - Instructions for secretaries of the board can be found [here](#).

## **NEW LONG-TERM ACADEMIC AGREEMENT BETWEEN THE SCHOOL OF ENGINEERING AND THE U.S. NAVY**

- Congratulations to Dean Judge and Vice Admiral (Retired) Melvin Williams, both of the School of Engineering, for continuing to strengthen and grow their off-campus offerings by entering into a second long-term agreement (January 2021 – December 2023) with [NAVSEA](#) to teach Power Electronics to NAVSEA and [Huntington Ingalls Industries – Newport News Shipbuilding](#) (HII-NNS) employees at 300 M St, SE and Online starting in January 2021. The agreement foresees two cohorts of 10 students each generating approximately \$308,000 of gross tuition revenue per year. The first agreement (May 2018 – December 2020) with NAVSEA and HII-NNS generated approximately \$100,000 in gross tuition revenue per year and resulted in 5 M.S. students, with one student scheduled to complete the master’s degree by December 2020, and 9 Power Electronics certificates scheduled to be completed by students by December 2020.

## **SCHOOL OF ENGINEERING MAGAZINE**

- The School of Engineering has just published its Fall 2020 [Catholic University Engineer](#) magazine.