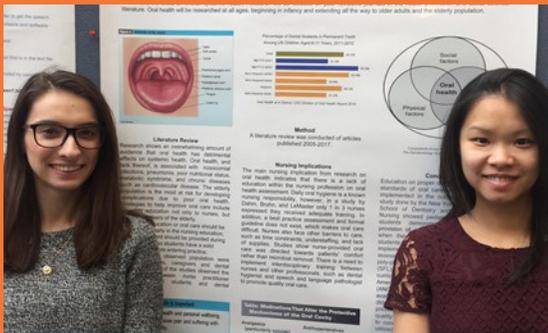






Dr. Masa Nakamura & Justin Colon, Mechanical Engineering Technology. Waste-to-energy (WTE) and recycling technologies are important for our sustainable society. Using a computer model, we designed a new combustion chamber used in a WTE Power Plant as a high-efficiency renewable energy system that produces less emission and saves landfill space.



Student posters are judged by experienced faculty during the Undergraduate Research Poster Session, held near the end of the fall and spring semesters. Here are some of the past 1<sup>st</sup> place winners' titles!

## Workshops that support your professional development such as:

- Writing Abstracts for Research Projects
- Developing and Delivering Effective Research Presentations
- Designing a Research Poster Presentation
- NYC Fire Department C-14 Certificate of Fitness
- ePortfolios for Academic and Career Advancement



## Why should you as a student participate in Undergraduate Research?

Here are some benefits of Undergraduate Research:

- Clear understanding and advancement of academic and career development plans
- Stepping stone to other research and internship opportunities
- Expanded engagement through a network of collaborations with like-minded peers
- Identification of researchable questions and systematic approaches to inquiry
- Opportunities to present at local, regional and national conferences
- Well-practiced verbal, written and organizational skills

## Some of the programs at City Tech that support and promote Undergraduate Research:

- **Emerging Scholars**  
Supports full and part-time students in any major on a semester-by-semester basis; \$250 stipend for PT; \$500 stipend for FT
- **Honors Scholars**  
Supports academically talented students (GPA >3.4) earn honors credit in a course
- **CUNY Research Scholars Program (CRSP)**  
Supports FT students in any major on a yearly basis; \$1000 fall and spring and \$3000 during the summer
- **Black Male Initiative (BMI) Program**  
Supports FT BMI STEM students; \$500 fall semester and \$500 spring semester (GPA>3.0)
- **NSF Research Experiences for Undergraduates (NSF REU)**  
Supports FT STEM students; \$1,500 (fall/spring semester each); \$4,500 summer (GPA > 3.0)
- **Louis-Stokes for Alliance Minority Participation (LSAMP)**  
1st year: 30 LSAMP Apprentices (STEM majors) receive training for research. Encouraged to apply for ESP (\$500 stipend). 2nd year: 10 LSAMP Fellows selected from Apprentices receive \$3000 for completion of fall/spring/summer research (200 hours total)
- **NSF Improving Undergraduate STEM Education (NSF IUSE)**  
(GPA > 3.0); Supports FT STEM students; \$300 winter, \$500 spring semester; \$3600 summer

For more information on any of these programs **contact** the Director of Undergraduate at [undergraduateresearch@citytech.cuny.edu](mailto:undergraduateresearch@citytech.cuny.edu)