

ACADEMIC AFFAIRS UPDATE

October 8, 2024



Dear Academic Affairs Colleagues,

Education improves and enriches lives; for the more than 5000 Hispanic students at John Jay, our proud Hispanic-Serving Institution represents opportunity, success, and upward mobility. I want to recognize National Hispanic Heritage Month by celebrating the amazing faculty who earned grants of \$400,000-\$500,000 each to help improve student success.

And come hear the Climate Justice faculty talk about their work at tomorrow's *Food for Thought* in the Faculty and Staff Dining Room at 1:30.

Allison

***¿Quiénes son?* Assessing Language Skills, Belonging, and Identity of Bilingual Students: Towards a Bilingual Education STEM Transfer Pipeline**

[Professor Rosemary Barberet](#) and [Assistant Professor Cristina Lozano-Argüelles](#) from John Jay College and [Associate Professor Sarah L. Hoiland](#) from Hostos Community College received a grant from the National Science Foundation (NSF) to address the lack of data on Hispanic bilingual students at Hispanic-Serving Institutions (HSIs) and to enhance understanding of language proficiencies, belonging and identity among these students and develop a stronger, more inclusive STEM transfer pipeline for Hispanic students, focusing on criminal justice and criminology majors at John Jay College of Criminal Justice and criminal justice program students at Hostos Community College.





HSI Implementation and Evaluation Project: Leveraging Social Psychology Interventions to Promote First Year STEM Persistence

Professors [Lissette Delgado-Cruzata](#), [Gabriel Camacho](#) and [Daryl Wout](#) received a five-year, \$500K grant from the National Science Foundation (NSF) to support a program that uses social psychology interventions, peer mentoring and faculty professional development to promote retention and graduation of Latinx and African American science majors.

The grant is part of the NSF's Improving Undergraduate STEM Education: Hispanic-Serving Institutions initiative, which supports projects designed to enhance the quality of undergraduate STEM education, increase the recruitment, retention and graduation rates of STEM students, broaden participation of students who are historically underrepresented in STEM and expand students' pathways to continued STEM education and integration into the STEM workforce.

Urban Water Governance, Climate, and the Environment

Faculty members [LaDawn Haglund](#) (PI), [Alejandro Garcia Lozano](#) (co-PI) and [Bibi \(Silvina\) Calderaro](#) (senior personnel) received a grant from the National Science Foundation (NSF) Build and Broaden (B2) Program to investigate how climate change impacts coastal communities in an urban environment.

The project supports undergraduate research and teaching to further upward mobility and competitiveness of John Jay students with a focus on expanding the Sustainability and Environmental Justice Program, produces evidence-based recommendations to support community resilience and ultimately seeks to build a permanent center for water and climate justice.



