**Hostos Research Center (HRC)**

**Committee on Sponsored Programs and Grants (CSPG)**

**2024 ADELANTE Project**

**AD**vancing **E**xcellence in **L**iberal **A**rts, scie**N**ces, **T**echnology and **E**ngineering

The Hostos Research Center (HRC) and the Committee on Sponsored Programs and Grants (CSPG)is pleased to announce the winning **2024** **ADELANTE** (**AD**vancing **E**xcellence in **L**iberal **A**rts, scie**N**ces, **T**echnology and **E**ngineering) **Project** proposals. A total of nine grants, ranging from $6.000 - $10.000, were awarded along two tracks. Track 1 projects will address research, need-based, and/or creative/transformative interventions in all disciplines and Track 2 research/intervention projects will address issues affecting the South Bronx community. Each 2024 ADELANTE Project will engage a Hostos student research assistant to promote faculty to student mentorship and provide students with experiential and career-building experiences. Congratulations to all the awardees!

*Click on the title of each winning proposal to read the project’s abstract.*

**ADELANTE Winning Proposals**

**Track 1 | Expand Research Opportunities for Faculty and Staff in All Disciplines**

[***The Skin of a White Man for Parchment: Anti-Slavery, Violence, and the (Re)Writing of Rights in Post-Revolutionary Haiti***](https://www.dropbox.com/scl/fi/rfqz0afr2u4fvhxl2z0dx/ADELANTE_Abstract_VelayosLarrabure.pdf?rlkey=8jzwus9ahlmdrg09xmaxkkxko&dl=0)

**Dr. Emmanuel Velayos Larrabure | PI – Award $6,000**

Humanities Department

[***Examining the Impact of Assumptions, Bias, and Beliefs of Science Faculty and High School Teachers on the Development of Online Courses and Integration of AI Tools***](https://www.dropbox.com/scl/fi/a7ud533j7w87kec14jnxn/ADELANTE_Abstract_Feliz-Marjanovic-DiSanto-Nu-ezRodr-guez.pdf?rlkey=g6tqryrmct7qkou7gqs9autlh&dl=0)

**Professor Feliberto Feliz | PI – Award $10,000**

**Professor Ana Marjanovic, Dr. Jacqueline DiSanto, Dr. Nelson Nuñez Rodríguez**

Natural Sciences Department | Educational Technology | Education Department

[***Unlocking Advanced Gene Modulation: Computational Analysis of Chirality-Enriched PNA Analogs for Enhanced Cellular Uptake***](https://www.dropbox.com/scl/fi/t3xfjalf9fygwee5w1i01/ADELANTE_Abstract_Manukyan.pdf?rlkey=shk1u3qg9azg925p634fi7v7s&dl=0)

**Dr. Anna Manukyan | PI – Award $9,920**

Natural Sciences Department

***[Echoes Across Eras: Tracing Victorian Archetypes in](https://www.dropbox.com/scl/fi/7qmrgvwz8c7m3fzw1o8bh/ADELANTE_Abstract_Choi.pdf?rlkey=suusglgztmwzwtc6zo642az4f&dl=0)***

***[Contemporary Representations of Women](https://www.dropbox.com/scl/fi/7qmrgvwz8c7m3fzw1o8bh/ADELANTE_Abstract_Choi.pdf?rlkey=suusglgztmwzwtc6zo642az4f&dl=0)***

**Dr. Christine Choi | PI – Award $10,000**

English Department

***[Getting Ready for Chemistry – Intensive Hands-On Training](https://www.dropbox.com/scl/fi/ormv3y18bnigse0ko4opb/ADELANTE_Abstract_Ivanova-Pe-aTorrez.pdf?rlkey=qnp2na48uzvah30qtqcpzt1ot&dl=0)***

***[for Undergraduate Students](https://www.dropbox.com/scl/fi/ormv3y18bnigse0ko4opb/ADELANTE_Abstract_Ivanova-Pe-aTorrez.pdf?rlkey=qnp2na48uzvah30qtqcpzt1ot&dl=0)***

**Dr. Anna Ivanova | PI**

**Emilio Peña Torrez | Co-PI – Award $9,973**

Natural Sciences Department

***[Empowering Mobility-Challenged Individuals in Emergency](https://www.dropbox.com/scl/fi/alrm7i786ot1jikve39qi/ADELANTE_Abstract_Jiang.pdf?rlkey=wgbmh7xggnqwx1gihhdkyda2b&dl=0)***

***[Evacuations: NFC Solutions](https://www.dropbox.com/scl/fi/alrm7i786ot1jikve39qi/ADELANTE_Abstract_Jiang.pdf?rlkey=wgbmh7xggnqwx1gihhdkyda2b&dl=0)***

**Dr. Biao Jiang | PI – Award $10,000**

Natural Sciences Department

[***Lab To Land: Screening of Drug Resistant Bacteria Around South Bronx And NYC and Testing Their Potency Against Newly Developed Anti-Microbial Drugs To Prevent Future Pandemic***](https://www.dropbox.com/scl/fi/g78ih7gkcney5gwdhtiyd/ADELANTE_Abstract_Roy.pdf?rlkey=i5jf1iwx78g4ep5ugwgxyzk61&dl=0)

**Dr. Debasish Roy | PI – Award $10,000**

Natural Sciences Department

**Track 2 | Expand Research on Issues Affecting the South Bronx Community**

[***In Pursuit of Green Futures: Enhancing Latinx Presence in NYC Green Economy***](https://www.dropbox.com/scl/fi/5lnz6b0ujoo0mi7jx9xpn/ADELANTE_Abstract_TorresV-lez.pdf?rlkey=aagm6rcprcxortzqlvgllifdn&dl=0)

**Dr. Víctor M. Torres-Vélez | PI – Award up to $10,000**

Humanities Department

[***Introducing Students of Hostos CC from the South Bronx Community to the Underrepresented Field of STEM Programs: Systematics and Taxonomy***](https://www.dropbox.com/scl/fi/xr1pma69vyit28dq4s5ce/ADELANTE_Abstract_Ovtcharenko.pdf?rlkey=hnwko5t0tygwkdqwasqbjgznu&dl=0)

**Dr. Vladimir Ovtcharenko | PI – Award $9,900**

Natural Sciences Department