

2025 LaGuardia Faculty and Staff Research and Scholarship Showcase

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DEREK STADLER AND LOUISE FLUK



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A

Ian Alberts (Natural Sciences)

Scholarship, Publications, Authorship, and Reviews:

Co-authored articles:

Li, Jijun, et al. "Rhynchophylline Alleviates Hyperactivity and Cognitive Flexibility Impairment Associated With Inhibition of Inflammatory Responses in Mice That Partly Lack the Dopamine Transporter Protein." *Brain and Behavior*, vol. 14, no. 11, 2024, <https://doi.org/10.1002/brb3.70121>.

Onorato, Thomas M., et al. "A Pandemic-Resilient CURE Shifts Community College Students from Knowledge Consumers to Authentic Knowledge Producers." *Journal of College Science Teaching*, vol. 52, no. 7, 2023, pp. 8–19, <https://doi.org/10.1080/0047231X.2023.12315873>.

Currently engaged:

“Project EQUINOX—Equity and Innovation in STEM Education through Professional Development—is a faculty-led initiative at LaGuardia, partially funded by the National Science Foundation. EQUINOX stands for Equity, Innovation, and Inclusivity, and aims to address persistent disparities in foundational STEM courses by equipping faculty with data-informed, equity-minded teaching tools.

Cohort 1, composed of faculty from the Natural Sciences, engaged in a year-long professional development experience grounded in the Shared Equity Leadership (SEL) framework. Participants identified equity gaps in gateway courses such as Biology and Chemistry through collaborative inquiry, disaggregated data analysis, and coaching. They then implemented targeted strategies, including inclusive syllabus redesigns, culturally responsive curricula, and student-centered engagement practices.

This poster highlights EQUINOX’s two-tiered professional development model, which integrates instructional innovation with leadership training and data coaching. Cohort 1’s work lays the foundation for departmental transformation and contributes to the creation of open educational resources (OER) to be shared across LaGuardia and the broader CUNY system.

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Fellowships, Awards and Grants:

“I received a] PSC-CUNY Traditional B grant for ‘Design of Therapeutically Important Drug Lead Candidates Towards

Dopamine Protein Targets': State-of-the-art computational molecular modelling to design novel, highly active drug candidates towards a specific member of the dopamine receptor family that is a key target of therapeutic relevance for neurological and psychiatric conditions."

Another project is titled "Quantum Mechanical Prediction of Energetic and Magnetic Properties of Transition Metal Complexes" and was developed for the National Energy Research Scientific Computing Center [NERSC] of the Department of Energy's Office of Science for Computational Resources: "The project utilizes quantum mechanical methods to incorporate modifications to transition metal cage systems, which behave as single-molecule magnets (SMMs). This research has the potential to develop the field of quantum computing and dramatically accelerate computational processes."

Caterina Almendral (Education and Language Acquisition)

Presentations, Speeches, Papers, and Workshops:

Co-facilitated:

Croke, Erin, et al. "Integrating a Fieldwork Experience Aligned with the Science of Reading in Education Coursework." 3rd Annual CUNY Education Conference, 19 Apr. 2024.

Almendral, Caterina, and Michele de Goeas-Malone. "Integrating Computational Thinking and Digital Fluency in a First Year Seminar for Education Students." 2nd Annual CUNY Online Education Conference, 28 Apr. 2023.

B

Nancy Bandiera (Humanities)

Scholarship, Publications, Authorship, and Reviews:

Currently engaged:

“Nancy’s research poster presentation on ‘The Use of Grounded Theory in Analysis of Liminality among Labyrinth Walkers’ represents findings to her research question. Does walking the labyrinth provide a contemplative liminal space and if so, while crossing the threshold into the labyrinth, do labyrinth walkers enter a state of ‘liminality,’ in which participants experience the concept of ‘betwixt and between’ time & space for developing consciousness towards self-knowledge?

Interacting with a replica of the medieval labyrinth, designed in 1201, and/or a replica of the classical labyrinth design, dated 4,000 years B.C, the walker embodies the endowed symbol or in another possibility the performer endows the symbol. In either case, meaning is embodied. This study contributes an exploration of embodied meaning, a significant assessment for gaining self-awareness among higher education students introduced to contemplative pedagogy.”

Hara Bastas (Social Sciences)

Presentations, Speeches, Papers, and Workshops:

Bastas, Hara. "Introduction to Sociology Classes & Feminist Sociological Imaginations." Table 7, Intersectional Pedagogies I, Teaching and Learning Symposium Roundtable Session, 119th ASA [American Sociological Association] Annual Meeting, 11 Aug. 2024, Palais des Congrès de Montréal, Montreal, Quebec, Canada.

Lara Beaty (Social Sciences)

Presentations, Speeches, Papers and Workshops:

Beaty, Lara. "Breaking the Boundaries of Emotional Experiences: Creating a Cultural-Historical Perspective of Trauma." ISCAR [International Society for Cultural-Historical Activity Research] 2024 International Congress, Aug. 2024, Rotterdam, Netherlands.

Habiba Boumlik (Education and Language Acquisition)

Scholarship, Publications, Authorship, and Reviews:

Authored a book chapter:

Boumlik, Habiba. "Global Trajectories, Localized Stories: Amazigh Filmmaking through the Eyes of Selected Filmmakers." *Amazigh Cinema: An Introduction to North African Indigenous Film*, edited by Lucy R. McNair and Yahya Laayouni, University of Regina P, 2025, pp. 227–53.

Presentations, Speeches, Papers, and Workshops:

Boumlik, Habiba. "Amazigh Cinema: Voicing Marginalized Narratives [invited talk]." Department of Middle Eastern Languages and Cultures, Center for African Studies, University of California, 4 Feb. 2025, Berkley, CA.

—. "Can Amazigh Cinema in North Africa and in the Diaspora Amplify Silenced Voices?" American Institute for Maghrib Studies Annual Conference, Jan. 2025, Tunis, Tunisia.

—. "A Thousand and One Berber Nights, Directed by Hisham Aidi [invited discussion]." Princeton Film Festival, Arts Council of Princeton, 12 Apr. 2025, Paul Robeson Center for the Arts, Princeton, NJ.

"I co-organized the 10th in-person edition of the [New York Forum of Amazigh Film](#) on April 24, 2025 in LaGuardia's Little Theater and the virtual edition of the Forum on May 16, 2025."

David Brandt (Center for Teaching and Learning)

Presentations, Speeches, Papers, and Workshops:

Brandt, David, and Tamara Stallings. "College and Career Connect: Re-engaging Pandemic-Era High School Graduates." 12th Annual Conference on Community College Excellence (C3E), 12 Mar. 2025, Bronx Community College, Bronx, NY.

Jacqueline A Brashears (Natural Sciences)

Co-authored article:

Onorato, Thomas M., et al. "A Pandemic-Resilient CURE Shifts Community College Students from Knowledge Consumers to Authentic Knowledge Producers." *Journal of College Science Teaching*, vol. 52, no. 7, 2023, pp. 8–19, <https://doi.org/10.1080/0047231X.2023.12315873>.

Justin T. Brown (Community Health and Wellness)

Presentations, Speeches, Papers, and Workshops:

Co-presented:

Brown, Justin T., and Christine Marks. "Building Connections

of Care: Academic-Community Partnerships in Community College Health Humanities Education.” Session on Cultivating Belonging: Collaborative Narratives and Solidarity in Latinx, Queer, and Trans Higher Education Spaces, 2024 Annual Meeting of the American Studies Association, 16 Nov. 2024, Baltimore Hilton, Baltimore, MD.

—. “Exploring Queer Health Activism through Archival Research.” Health Humanities Consortium Conference, 5 Apr. 2025, Thomas Jefferson University, Philadelphia.

C

Clarence Chan (Health Sciences)

Fellowships, Awards, and Grants:

“‘The F. A. Davis Award for Outstanding Physical Therapist Assistant Educator recognizes physical therapist assistant student educators who have demonstrated and exhibited a noteworthy level of commitment to physical therapy education, physical therapist assistant students, and in advancing, promoting, and upholding standards of academic excellence.’ Dr. Clarence Chan was selected as the recipient of the award in 2023 by the American Physical Therapy Association and was presented with it at the 2024 APTA Leadership Congress, held in July 2024 in Kansas City, MO.”

John R. Chaney (Humanities)

Fellowships, Awards, and Grants:

Schwartz-Chaney, Joan, and John R. Chaney. *Accelerated College Transition (ACT) Program*. U.S. Dept. of Justice, Second Chance Act Grant 2023-2027, 2025.

Tao Chen (Mathematics, Engineering, and Computer Science)

Scholarship, Publications, Authorship, and Reviews:

Chen, Tao, and Linda Keen. "Meromorphic Functions with a Polar Asymptotic Value." *Conformal Geometry and Dynamics*, vol. 28, no. 1, 2024, pp. 1–36, <https://doi.org/10.1090/ecgd/390>.

Chen, Tao, et al. "Ergodicity in Some Families of Nevanlinna Functions." *Fundamenta Mathematicae*, vol. 265, 2024, pp. 179–95, <https://doi.org/10.4064/fm230929-26-1>.

Presentations, Speeches, Papers, and Workshops:

Chen, Tao. "Accessibility of Some Parameters in Bifurcation Locus." American Mathematical Society 2025 Eastern Sectional Meeting, 5 Apr. 2025, Hartford, CT.

—. "A Family of Meromorphic Maps: Ergodic vs Non-Ergodic."

- Analysis and Math Physics Seminar, 13 Sept. 2023, Virginia Tech, Blacksburg, VA.
- “A Family of Meromorphic Maps: Ergodic vs Non-Ergodic.” Complex Analysis Seminar, 9 May 2025, Nankai University, Tianjin, China.
 - “A Family of Meromorphic Maps: Ergodic vs Non-Ergodic.” Complex Analysis and Dynamics Seminar, 3 Nov. 2023, CUNY Graduate Center, New York.
 - “A Family of Meromorphic Maps: Ergodic vs Non-Ergodic.” Conference on Complex Dynamics and Related Topics, 14 July 2024, Qufu Normal University, Qufu, China.
 - “A Family of Meromorphic Maps: Ergodic vs Non-Ergodic.” Math and Physics Seminar, 4 Apr. 2024, New York Institute of Technology.
 - “A Family of Meromorphic Maps: Ergodic vs Non-Ergodic.” Mathematics Colloquium, 25 Mar. 2025, Chengdu University of Technology, Chengdu, China.
 - “A Family of Meromorphic Maps: Ergodic vs Non-Ergodic.” Pacific Quasiworld Seminar, 23 Jan. 2024, UCLA, Los Angeles, CA.
 - “Functional Properties of Nevanlinna Functions.” Learning Seminar, 4 Oct. 2024, CUNY Graduate Center, New York.
 - “Hyperbolic Components of a Family of Meromorphic Maps.” Complex Dynamics Seminar, 17 July 2024, Institute of Mathematics, Beijing, China.

J. Elizabeth Clark (English)

Scholarship, Publications, Authorship, and Reviews:

Completed project: [“Learning That Lasts: How High Impact](#)

[Practices Transform Student Experiences](#)" celebrates the creativity, care, and intention LaGuardia faculty bring to their classrooms. Through written, video, and audio case studies, this project captures faculty experiences with high impact practices, exploring the deeply intentional work that goes into making high impact practices effective. The case studies highlight how LaGuardia faculty design experiences that spark curiosity, deepen learning, and leave a lasting impression on students' lives. Every practice has a story. Every story shapes a student.

'Learning That Lasts' features the work of Caterina Almendral, Pablo Avila, Tameka Battle, Jessica Boehman, Clarence Chan, J. Elizabeth Clark, Milena Cuellar, Michele de Goeas-Malone, Jasmine Edwards, Nicolle Fernandes, Andrea Francis, Leigh Garrison Fletcher, Richa Gupta, Tonya Hendrix, Eric Hofmann, Reem Jaafar, Lara Kattékola, Jill Kehoe, Regina Lehman, Ellen Quish, Preethi Radhakrishnan, Cory Rowe, Naomi Stubbs, and Anja Vojvodic.

We hope this collection of faculty voices will grow over the next few years as additional faculty share their experiences with high impact practices. If you're interested in sharing your work, consider signing up to share a case study or to nominate a student in the next academic year, 2025-2026."

Milena Cuellar (Natural Sciences)

Scholarship, Publications, Authorship, and Reviews:

Currently engaged:

"Project EQUINOX—Equity and Innovation in STEM Education through Professional Development—is a faculty-led

initiative at LaGuardia, partially funded by the National Science Foundation. EQUINOX stands for Equity, Innovation, and Inclusivity, and aims to address persistent disparities in foundational STEM courses by equipping faculty with data-informed, equity-minded teaching tools.

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D

Claudette Davis (Natural Sciences)

Co-authored article:

Onorato, Thomas M., et al. "A Pandemic-Resilient CURE Shifts Community College Students from Knowledge Consumers to Authentic Knowledge Producers." *Journal of College Science Teaching*, vol. 52, no. 7, 2023, pp. 8–19, <https://doi.org/10.1080/0047231X.2023.12315873>.

Currently engaged:

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Michele de Goeas-Malone (Education and Language Acquisition)

Presentations, Speeches, Papers, and Workshops:

Co-presented::

Croke, Erin, et al. "Integrating a Fieldwork Experience Aligned with the Science of Reading in Education Coursework." 3rd Annual CUNY Education Conference, 19 Apr. 2024 (online).

Almendral, Caterina, and Michele de Goeas-Malone. "Integrating Computational Thinking and Digital Fluency in a First Year Seminar for Education Students." 2nd Annual CUNY Education Conference, 28 Apr. 2023 (online).

Ljubica Depovic (Center for Teaching and Learning)

Scholarship, Publications, Authorship, and Reviews:

Currently engaged:

"Project EQUINOX—Equity and Innovation in STEM Education through Professional Development—is a faculty-led initiative at LaGuardia, partially funded by the National Science Foundation. EQUINOX stands for Equity, Innovation, and Inclusivity, and aims to address persistent disparities in foundational STEM courses by equipping faculty with data-informed, equity-minded teaching tools.

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Maureen Doyle (Human Services, Community Health and Wellness)

Scholarship, Publications, Authorship, and Reviews:

Currently engaged:

“Motivational Interviewing (MI) is an evidence supported form of communication used in social work, human services, education, and healthcare. The standard training videos for MI are proprietary, cost money to use in classroom settings, and

feature primarily white MI providers and clients. Recognizing that these videos were not meeting the needs of our diverse learning community, we undertook to create our own MI educational videos with diverse faculty and student collaborators. The videos were supported with funds from the New York State Empire Development fund as well as an OER grant. Filming was completed in Fall 2 and editing is finishing in Spring. The videos will be OER and available on youtube for use by any college classroom or MI learning environment from June 2025 onward, a significant contribution to the MI learning community.”

E

Monika Ekiert (Education and Language Acquisition)

Scholarship, Publications, Authorship, and Reviews:

Co-authored a book chapter:

di Gennaro, Kristen, and Monika Ekiert. “Spamvitations: Examining Invitations to Submit Scholarly Work.” *Predatory Practices in Scholarly Publishing and Knowledge Sharing: Causes and Implications for Scholarship*, edited by Pejman Habibie and Ismaeil Fazel, Routledge, 2024, <https://doi.org/10.4324/9781003170723>

Presentations, Speeches, Papers and

Workshops:

Co-presented:

di Gennaro, Kristen, and Monika Ekiert. "Invitation or Spamvitation? Analyzing Emails from Legitimate and Predatory Publishers," Predatory Practices in Scholarly Publishing and Knowledge Sharing Colloquium, AAAL [American Association for Applied Linguistics] 2024 Conference, 18 Mar. 2024, Hyatt Regency, Houston, TX.

Ekiert, Monika, et al. "Assessing Assessment: Who's in Charge Here?" Theory-to-Practice Workshop, 2025 AAC&U Conference on Classroom Learning and Student Success (CLASS), Apr. 2025, Puerto Rico Convention Center, San Juan, Puerto Rico.

F

Deirdre Flood (English)

Presentations, Speeches, Papers, and Workshops:

Flood, Deirdre. "Game Maps and Player Choice: Embracing the Writing Process through Assignment Maps." CUNY Games Conference, 22 Jan. 2024 (online).

—. "A Quest for Research: A Journaling Role Playing Game." CUNY Games Conference, 23 Jan. 2025 (online).

—. "A Stance the Player Takes: Using The Gardens Between to Teach Symbolism to First Year College Writing Students

(online).” Leveling Up the Classroom Conference, 28 Jan. 2024, University of Kentucky ESports Lounge, Lexington, KY.

Andrea Francis (Business and Technology)

Scholarship, Publications, Authorship, and Reviews:

Authored an article:

Francis, Andrea. “The Train to Bitterfontein.” *Tell Your Mother’s Story*, Oral History Association of South Africa, vol. 7, 2024.

G

Richa Gupta (Natural Sciences)

Scholarship, Publications, Authorship, and Reviews:

Currently Engaged:

“Conducted research, served as the Principal Investigator, and mentored undergraduate students in my project on ‘Mycobacterial Genetics and Drug Candidate Studies against Tuberculosis’ through the NIH-Bridges and CUNY Research Scholars Programs since 2019-present. We have written manuscripts and have given research presentations as listed below:

1. Mawuko, S., Traore, A., Khemraj, B., Steto, A., and Gupta,

R. (2025). In the quest for new horizons: Evaluating novel therapeutic approaches for tuberculosis treatment. This work has been accepted for publication in a supplement to the journal *Physiology* and a paper on it will also be published in LaGuardia's *Ad Astra Undergraduate Research Newsletter* in 2025.

2. Sutherland, S., Traore, A., and Gupta, R. (2024). Studies with Natural Compounds to Combat Antitubercular Drug Resistance. Presented at the LaGuardia Undergraduate Research Day on May 22. The students won Second Place in the research poster presentation competition."

H

Tonya Hendrix (Natural Sciences)

Scholarship, Publications, Authorship, and Reviews:

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Ana Maria Hernandez (Education and Language Acquisition)

Scholarship, Publications, Authorship, and Reviews:

Authored an article:

Hernandez, Ana Maria. “Eroticism, Mysticism, Satire, and Melodrama in *Captain Pantoja and the Special Service*.” *Review: Literature and Arts of the Americas*, vol. 57, no. 1, 2024, pp. 116-22, <https://doi.org/10.1080/08905762.2024.2336821>.

I

Sumanth Inukonda (Humanities)

Scholarship, Publications, Authorship, and Reviews:

Authored a book:

Inukonda, Sumanth, et al., editors. *Propaganda, Communication and Empire: Western Intervention in Afghanistan*. Routledge, Taylor & Francis Group, 2025.

J

Reem Jaafar (Natural Sciences)

Scholarship, Publications, Authorship, and Reviews:

Currently engaged:

“Project EQUINOX—Equity and Innovation in STEM Education through Professional Development—is a faculty-led initiative at LaGuardia, partially funded by the National Science Foundation. EQUINOX stands for Equity, Innovation, and Inclusivity, and aims to address persistent disparities in foundational STEM courses by equipping faculty with data-informed, equity-minded teaching tools.

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Sultan Jenkins (Natural Sciences)

Scholarship, Publications, Authorship, and Reviews:

Currently engaged:

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Kuhu Joshi

Scholarship, Publications, Authorship, and Reviews:

Authored a book:

Joshi, Kuhu. *My Body Didn't Come Before Me*. Speaking Tiger Books, 2023.

Presentations, Speeches, Papers and Workshops:

“Presented at *Business Today TV*’s International Women’s Day Special; She the People’s Women Writers’ Festival; EMILY, Brooklyn; Oxford Bookstore, New Delhi; and Bahrison’s Bookstore, Chandigarh (India).”

Fellowships, Awards, and Grants:

My Body Didn’t Come Before Me:

- Selected by renowned Indian poet Arundhati Subramaniam for a first-book award.
- A finalist for the Banaras Literature Festival’s Sarojini Naidu Poetry Award.

K

Jayashree Kamblé (English)

Scholarship, Publications, Authorship, and Reviews:

Authored an article:

Kamblé, Jayashree. “*Godzilla Minus One Vs. Past Lives: Romantic Histories and Historic Romances.*” *CUNY FORUM*, vol. 11, no. 1, <https://aaari.info/cuny-forum-volume-111/>.

Juline Koken (Human Services, Community Health and Wellness)

Scholarship, Publications, Authorship, and Reviews:

Currently engaged:

“Motivational Interviewing (MI) is an evidence supported form of communication used in social work, human services, education, and healthcare. The standard training videos for MI are proprietary, cost money to use in classroom settings, and feature primarily white MI providers and clients. Recognizing that these videos were not meeting the needs of our diverse learning community, we undertook to create our own MI educational videos with diverse faculty and student collaborators. The videos were supported with funds from the New York State Empire Development fund as well as an OER grant. Filming was completed in Fall 2 and editing is finishing in Spring. The videos will be OER and available on youtube for use by any college classroom or MI learning environment from June 2025 onward, a significant contribution to the MI learning community.”

L

Fern Luskin (Humanities)

Scholarship, Publications, Authorship, and Reviews:

Authored an article:

Luskin, Fern. "Titian's Bacchus and His Two Loves." *Renaissance Studies*, vol. 39, no. 2, Apr. 2025, pp. 237-66, <https://doi.org/10.1111/rest.12936>.

Argues that Titian's *Bacchus and Ariadne* depicts not only Bacchus's present desire for Ariadne, but his former love for a young satyr personifying the grapevine.

M

Malgorzata Marciniak (Mathematics, Engineering, and Computer Science)

Scholarship, Publications, Authorship, and Reviews:

Authored a book:

Marciniak, Malgorzata. *Creativity in STEM Fields: A View from an Eclectic Mind*. Alinea Learning, 2025.

Christine Marks (English)

Presentations, Speeches, Papers, and Workshops:

Invited talk:

Marks, Christine. "Writing In Between: Relationality in Siri Hustvedt's and Zadie Smith's Works (Guest Lecture)." Obama Institute for Transnational American Studies, 20 Jan. 2025, Johannes Gutenberg University, Mainz, Germany.

Co-presented:

Brown, Justin T., and Christine Marks. "Building Connections of Care: Academic-Community Partnerships in Community College Health Humanities Education." Session on Cultivating Belonging: Collaborative Narratives and Solidarity in Latinx, Queer, and Trans Higher Education Spaces, 2024 Annual Meeting of the American Studies Association, 16 Nov. 2024, Baltimore Hilton, Baltimore, MD.

—. "Exploring Queer Health Activism through Archival Research." Health Humanities Consortium Conference, 5 Apr. 2025, Thomas Jefferson University, Philadelphia.

Ann Matsuuchi (Library)

Scholarship, Publications, Authorship, and Reviews:

Co-authored a book:

Mannion, Elizabeth, et al. *Samuel R. Delany: A Reference Guide to His Life and Works*. Rowman & Littlefield, 2025.

Lucy McNair (English)

Scholarship, Publications, Authorship, and Reviews:

Co-edited a book:

McNair, Lucy R., and Yahya Laayouni, editors. *Amazigh Cinema: An Introduction to North African Indigenous Film*. University of Regina Press, 2025.

Lucie Mingla (Mathematics, Engineering and Computer Science)

Scholarship, Publications, Authorship, and Reviews:

Currently engaged:

Project: Using Digital Tools and Interactive Activities to Enhance Student performance on Real-life Mathematical Application Problems Involving Trigonometric Functions.

Achieving meaningful educational outcomes requires scalable strategies for mastering mathematical concepts and skills, with student engagement at the core. This paper examines the use of comprehensive, technology-enhanced activities designed to promote active learning and deeper conceptual understanding. Specifically, it focuses on the integration of Desmos, an online graphing calculator, into mathematics instruction. The study explores whether combining Desmos with a hands-on approach to teaching trigonometric functions helps students connect abstract concepts to real-world

applications. Findings underscore the effectiveness of digital tools like Desmos in increasing student engagement, enhancing conceptual understanding, and improving academic performance—particularly in the context of graphing and interpreting trigonometric functions.

O

Thomas Onorato (Natural Sciences)

Scholarship, Publications, Authorship, and Reviews:

Co-authored articles:

Onorato, Thomas M., et al. "A Pandemic-Resilient CURE Shifts Community College Students from Knowledge Consumers to Authentic Knowledge Producers." *Journal of College Science Teaching*, vol. 52, no. 7, 2023, pp. 8–19, <https://doi.org/10.1080/0047231X.2023.12315873>.

Oulhen, Nathalie, et al. "Conservation and Contrast in Cell States of Echinoderm Ovaries." *Molecular Reproduction and Development*, vol. 91, no. 8, 2024, pp. e23721-n/a, <https://doi.org/10.1002/mrd.23721>.

Wise, Maria, et al. "A Molecular Basis for Spine Color Morphs in the Sea Urchin *Lytechinus Variegatus*." *Scientific Reports*, no. 28518, 2024, pp. [1-14], <https://doi.org/10.1038/s41598-024-79312-3>.

Presentations, Speeches, Papers, and Workshops:

Onorato, Thomas M., et al. "InnovATE BIO's Undergraduate Research Institutional Partnership URE [Undergraduate Research Experience] Strategic Planning (workshop)." Community College Undergraduate Research Initiative, Apr. 2023.

P

Vanya Petrova (Natural Sciences)

Scholarship, Publications, Authorship, and Reviews:

Currently engaged:

"Project EQUINOX—Equity and Innovation in STEM Education through Professional Development—is a faculty-led initiative at LaGuardia, partially funded by the National Science Foundation. EQUINOX stands for Equity, Innovation, and Inclusivity, and aims to address persistent disparities in foundational STEM courses by equipping faculty with data-informed, equity-minded teaching tools.

Cohort 1, composed of faculty from the Natural Sciences, engaged in a year-long professional development experience grounded in the Shared Equity Leadership (SEL) framework. Participants identified equity gaps in gateway courses such as Biology and Chemistry through collaborative inquiry, disaggregated data analysis, and coaching. They then

implemented targeted strategies, including inclusive syllabus redesigns, culturally responsive curricula, and student-centered engagement practices.

This poster highlights EQUINOX's two-tiered professional development model, which integrates instructional innovation with leadership training and data coaching. Cohort 1's work lays the foundation for departmental transformation and contributes to the creation of open educational resources (OER) to be shared across LaGuardia and the broader CUNY system.

EQUINOX positions community college faculty as agents of change by fostering a continuous improvement culture. While initially focused on STEM, the model's principles are adaptable across disciplines—advancing national efforts to expand equitable access and student success in higher education.”

R

Pratikkumar Rathod (Natural Sciences)

Scholarship, Publications, Authorship, and Reviews:

Currently engaged:

“Project: Phosphoproteomics study of various HIV proteins
Research students in Dr. Rathod's group have worked on different HIV proteins where they have successfully compiled the database of potential phosphorylation sites across various HIV proteins. Students also have used various bioinformatic tools to identify the potential kinases that can phosphorylate

the individual identified phosphorylation sites. Dr. Rathod is going to present the summary of his research students' work."

Sandra M. Ribeiro (Health Sciences)

Presentations, Speeches, Papers, and Workshops:

Ribeiro, Sandra M. "School-based Physical Therapy for Students with Duchenne Muscular Dystrophy (DMD)." SIG School, APTA [Academy of Pediatric Physical Therapy] Pediatric Education Hub, 7 Nov. 2023, https://learning.pediatricapta.org/products/sig-school-school-based-physical-therapy-for-students-with-duchenne-muscular-dystrophy-dmd-1172023#tab-product_tab_contents_3.

Wilson, Rebecca A. A., et al. "Evidence-Informed School-based Practice for Children with Duchenne Muscular Dystrophy." APTA [Academy of Pediatric Physical Therapy] Annual Conference 2024, 22 Nov. 2024, Providence, RI.

Ari Richter (Humanities)

Authored a book:

Scholarship, Publications, Authorship, and Reviews:

Richter, Ari. *Never Again Will I Visit Auschwitz: A Graphic*

Family Memoir of Trauma & Inheritance. Fantagraphics Books, Inc., 2024.

S

Joy Sanchez-Taylor (English)

Scholarship, Publications, Authorship, and Reviews:

Currently Engaged:

"My new book, *Dispelling Fantasies: Authors of Color Reimagine a Genre* will be published by Ohio State University Press (forthcoming in July 2025)."

Fellowships, Awards, and Grants:

Sanchez-Taylor, Joy. *Dispelling Fantasies: Authors of Color Reimagine a Genre*. Mellon/ACLS [American Council of Learned Societies] Community College Grant, 2022.

"I received a PSC-CUNY Traditional B grant to promote my research at the World Fantasy Convention in Brighton, UK, in April 2025."

Joan Schwartz-Chaney (Humanities)

Scholarship, Publications, Authorship, and

Reviews:

Authored a book:

Schwartz-Chaney, Joan. *Critical Faith: What It Is, What It Isn't & Why It Matters*. Fortress Press, 2024.

Fellowships, Awards, and Grants:

Schwartz-Chaney, Joan, and John R. Chaney. *Accelerated College Transition (ACT) Program*. U.S. Dept. of Justice, Second Chance Act Grant 2023-2027, 2025.

Hendryx Silva (Health Sciences)

Presentations, Speeches, Papers, and Workshops:

Co-facilitated:

"A multi-phase, interprofessional event, Physical Therapist Assistant and Occupational Therapy Assistant Student Interprofessional Collaboration and Educational Simulation, was developed for Occupational Therapy Assistant (OTA) and Physical Therapist Assistant (PTA) students at LaGuardia Community College/CUNY to simulate a live co-treatment and emergency response scenario of a shared case-based patient in acute rehabilitation. The event was first piloted in Spring 2024 and was repeated in Fall 2024.

The purpose of this project is to highlight the benefits of utilizing Interprofessional Education Collaborative (IPEC) core competencies in a simulation-based interprofessional event to

prepare PTA and OTA students to work collaboratively within complex healthcare environments and to emphasize safety and best practices when promoting patient outcomes. The project also expands on the use of ePortfolio as an educational tool for training students in the collaborative use of electronic medical records (EMR) for simulating digital communication and clinical documentation.

This project was presented with Sandra Ribeiro at the 2024 Interprofessional Education Collaborative (IPEC) Virtual Poster Fair Showcase on November 21, 2024.”

Govindi Singh (Human Services, Community Health and Wellness)

Scholarship, Publications, Authorship, and Reviews:

Currently engaged:

“Motivational Interviewing (MI) is an evidence supported form of communication used in social work, human services, education, and healthcare. The standard training videos for MI are proprietary, cost money to use in classroom settings, and feature primarily white MI providers and clients. Recognizing that these videos were not meeting the needs of our diverse learning community, we undertook to create our own MI educational videos with diverse faculty and student collaborators. The videos were supported with funds from the New York State Empire Development fund as well as an OER grant. Filming was completed in Fall 2 and editing is finishing in Spring. The videos will be OER and available on youtube for use by any college classroom or MI learning environment from

June 2025 onward, a significant contribution to the MI learning community.”

Derek Stadler (Library)

Scholarship, Publications, Authorship, and Reviews:

Currently engaged:

“I volunteer once a week as an archivist at the Railroad Museum of Long Island’s library in Riverhead, NY. The Museum’s library receives ephemeral material regarding railroad service to the New York area and is in the process of a digitization project. I am currently working on a manuscript that looks at the history of railroading in central Nassau County and the communities in which the railroads served. If reconstructed and put into service, the right-of-way of these abandoned roads would improve modern-day transportation.”

Presentations, Speeches, Papers, and Workshops:

Stadler, Derek. “Implementing Universal Design In Academic Librarianship (workshop series).” Metropolitan New York Library Council (Metro), 13 Mar., 10 Apr. 2025.

Co-presented:

Apfelbaum, Danielle S., et al. “Demystifying Mentoring: Mentees and Mentors on Participating in a Professional Mentoring Program.” Long Island Library Conference 2025, 8 May 2025, Melville Marriott, Melville, NY, <https://libconference.org/2025-programs/>.

V

Ingrid D. Veras (Natural Sciences)

Co-authored article:

Onorato, Thomas M., et al. "A Pandemic-Resilient CURE Shifts Community College Students from Knowledge Consumers to Authentic Knowledge Producers." *Journal of College Science Teaching*, vol. 52, no. 7, 2023, pp. 8–19, <https://doi.org/10.1080/0047231X.2023.12315873>.

Y

Yun Ye (Mathematics, Engineering and Computer Science)

Presentations, Speeches, Papers, and Workshops:

Ye, Yun, et al. "Matched Mode Processing with Phase-Difference Weighting for Underwater Acoustic Source Localization." OCEANS 2023-MTS/IEEE U.S. Gulf Coast, 25 Sept. 2023, pp. 1-6, Mississippi Coast Coliseum and Convention Center, Biloxi, MS. <https://doi.org/10.23919/OCEANS52994.2023.10337402>.

Kenneth J. Yin (Education and Language)

Acquisition)

Scholarship, Publications, Authorship, and Reviews:

Co-authored a book:

Yin, Kenneth J. *Mystical Forest: Collected Poems and Short Stories of Dungan Ethnographer Ali Dzhon*. Peter Lang, 2023, <https://doi.org/10.3726/b18961>.

Presentations, Speeches, Papers, and Workshops:

Yin, Kenneth J. "Dungan Folktales and Legends: The Sino-Muslim Folkloric Narrative Tradition of Central Asia (invited lecture)." Summer 2023 Lecture Series of the Central Eurasian Studies Summer Institute (CESSI), 13 July 2023, Center for Russia, East Europe, and Central Asia (CREECA), University of Wisconsin, Madison, WI, <https://cessi.wisc.edu/event/lecture-with-prof-kenneth-j-yin-dungan-folktales-and-legends-the-sino-muslim-folkloric-narrative-tradition-of-central-asia/>.

Podcast available at: <https://soundcloud.com/user-601521000/dungan-folktales-legends-the-sino-muslim-folkloric-narrative-tradition-of-central-asia>.

—. "Dungan Folktales of Central Asia (invited lecture)." Fall 2023 Russian, East European and Eurasian Studies Kruzhok, 13 Oct. 2023, CUNY Graduate Center, New York, NY, <https://cunyreees.commons.gc.cuny.edu/event/dunganfolktalesofcentralasia/>.

—. "Mystical Forest: Collected Poems and Short Stories of Dungan Ethnographer Ali Dzhon (invited lecture)." 21 Mar. 2024, Central Asia Working Group, Center for Slavic, Eurasian,

and East European Studies, UNC Global, University of North Carolina, Chapel Hill, NC, <https://cseees.unc.edu/event/kenneth-j-yin/>.

- . “Mystical Forest: Collected Poems and Short Stories of Dungan Ethnographer Ali Dzhon (invited lecture).” 3 May 2024, CUNY Academy for the Humanities and Sciences, CUNY Graduate Center, New York, NY, <https://www.gc.cuny.edu/events/book-talk-kenneth-j-yin-mystical-forest>.
- . “Mystical Forest: Collected Poems and Short Stories of Dungan Ethnographer Ali Dzhon (invited lecture).” 25 Sept. 2024, Central Asia Program, Institute for European, Russian, and Eurasian Studies, George Washington University, Washington, DC, 25 Sept. 2024, <https://centralasiaprogram.org/event/book-presentation-mystical-forest-collected-poems-and-short-stories-of-dungan-ethnographer-ali-dzhon/>. Video: <https://www.youtube.com/watch?v=3fIElt1F5ik>.
- . “Mystical Forest: Collected Poems and Short Stories of Dungan Ethnographer Ali Dzhon (invited lecture).” 27 Mar. 2025, Department of East Asian Languages and Literatures, Ohio State University, Columbus, OH, <https://deall.osu.edu/events/kenneth-j.-yin-introduces-his-book-mystical-forest>.

Fellowships, Awards, and Grants:

- Yin, Kenneth J. *Representation of Indigenous Nanai Culture in the Works of Russian Far Eastern Writer Grigorii Khodzher, 1929–2006*. Professional Staff Congress / City University of New York (CUNY) Cycle 55 Research Award, 2024–2025.
- . *Udege Writer Dzhansi Kimonko: A Celebrated Indigenous Author of the Russian Far East*. Professional Staff Congress / City University of New York (CUNY) Cycle 54 Research Award, 2023–2024.