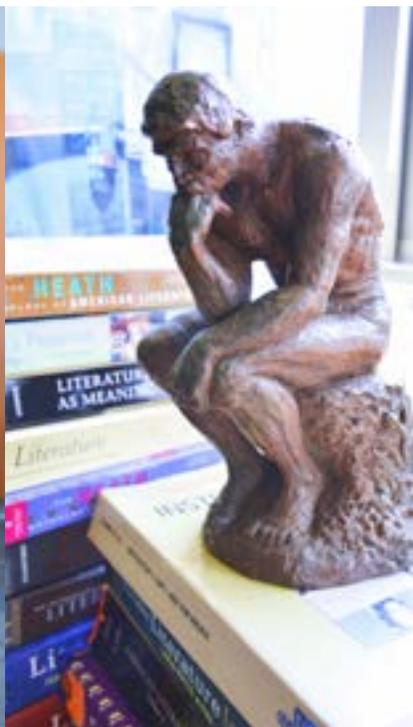
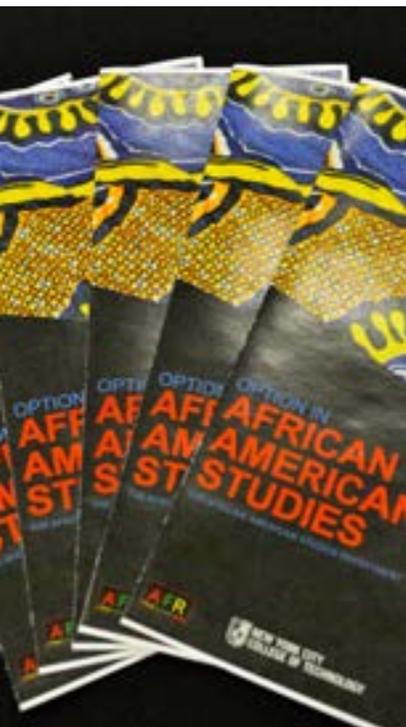


# Newsletter 2017–2018

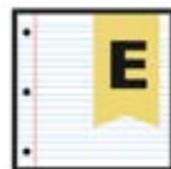
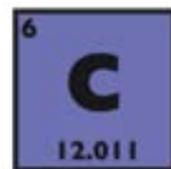
## School of Arts and Sciences

New York City College of Technology



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# DEAN'S MESSAGE

## DEAR COLLEAGUES,

It is with great pleasure that I welcome you to the 2017-2018 edition of the Newsletter for the School of Arts and Sciences. This Newsletter describes many of the truly impressive and varied accomplishments of faculty members in our School over the past academic year. As you will see within its pages, we have much to celebrate.

We have collectively produced nearly 500 scholarly and creative works over the past year alone. This includes about 100 articles published in peer-reviewed journals, almost 200 conference presentations, 5 books, 20 published poems, 2 plays, 2 patents and more. Faculty members have continued to bring in external funding such as the \$1.2 million NIH grant for a Big Data Training Program in Biomedical Informatics, and have secured enhanced PSC CUNY Research Awards. Recent recognition of the work of our faculty includes the Presidential Award for Excellence in Science, Mathematics and Engineering Mentoring and the James Beard Award, along with fellowships at the Metropolitan Museum of Art and from the National Endowment for the Arts. We even have a faculty member listed amongst the 50 most inspiring women in technology in Italy.

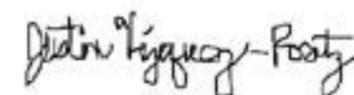
Much of this scholarly and creative work not only involves students but is a driving force for student recruitment, retention and program completion. Case in point: the 2018 Valedictorian Serifat Adebola, who completed two of our degree programs in Biomedical Informatics and Chemical Technology, indicated that her research experiences were an invaluable part of her academic journey. In fact, these experiences have inspired her to continue down the road of research as a post-Baccalaureate fellow at the National Cancer Institute.

We can be proud that nearly 400 students completed our School's degree programs over the past academic year, which marks an approximately 36% increase over the prior year along with record graduation numbers for most of our degree programs. Our programs have continued to expand and evolve, and we rolled out about a dozen new advanced courses and successfully developed about a dozen more in the past year alone. Moreover, this year has seen the launch of one new degree program with two more proposed programs currently under consideration. As we look to the future, the robustness and relevance of our programs is intertwined with faculty research work,

mentoring students and the ability to foster institutional and industry connections.

My heartfelt gratitude goes out to the Grants and Research Committee for all of their hard work on this Newsletter. I would especially like to thank Professors Corina Calinescu and Jeremy Seto for a fantastic job of editing the material. I am grateful to Julia Jordan and her talented Faculty Commons Design Team—particularly Lu Xue for her creative input and design work. And as always, I thank all of the faculty members who have shared these narratives of their work and accomplishments and have provided us with a glimpse into the world of their research. It is an honor for me to work alongside colleagues full of ideas, determination and passion.

**Best regards,**



**Justin Vazquez-Poritz**  
Dean for the School of Arts & Sciences



# EDITORS' MESSAGE

## DEAR COLLEAGUES,

Welcome to the 2017-2018 Newsletter of the School of Arts and Sciences. We are delighted to present the academic and professional achievements of faculty members.

The Newsletter is organized into the eight academic departments from the School of Arts and Sciences, in which over forty faculty shared their accomplishments and experiences from the last academic year. We also have one section which features a post from the [News Forum OpenLab](#).

Submissions for the the 2018-2019 Newsletter will open in Fall 2019. Instructions are provided at the end of this [Newsletter](#).

You can find the Newsletters form the past years [here](#).

We would like to thank Lu Xue from the Design Team of the Faculty Commons for her tremendous help editing this Newsletter.

Additional thanks to Paul Nembhard for creating the departmental icons. Many thanks to all the members of the Grants and Research Committee who contributed to this edition of the Newsletter, in particular Gulgun Bayaz Ozturk, Anna Do, Andrea Ferrogli, Laura Ghezzi, Joseph Jeyaraj and David Sanchez Jimenez.

We hope you'll find these shared experiences by the School of Arts and Sciences faculty engaging and inspiring, as we did.

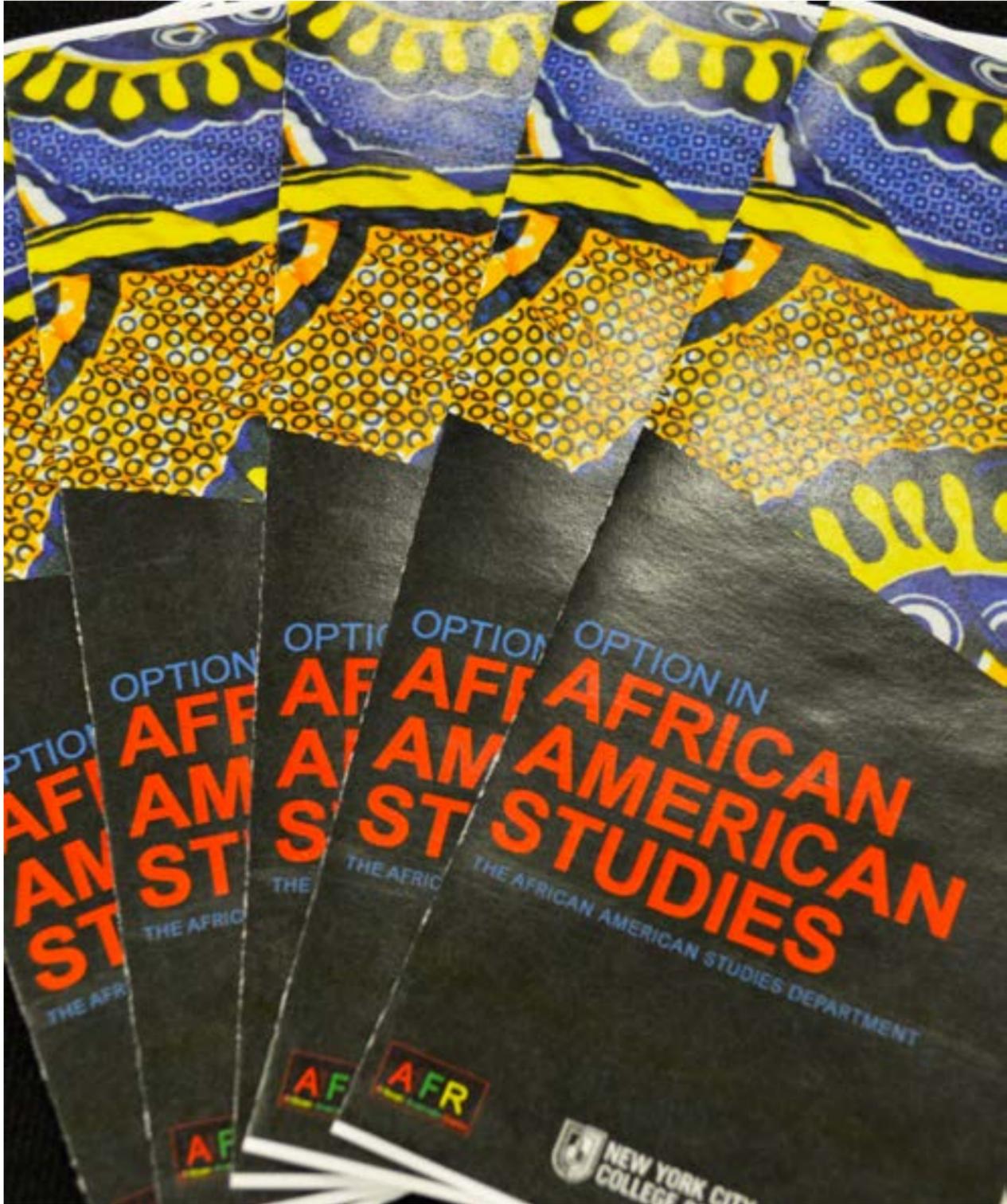
Please feel free to reach out to us with any questions, thoughts, suggestions or comments.

## With best wishes,

Corina Calinescu  
Jeremy Seto



# AFRICAN AMERICAN STUDIES



## THE AFRICAN AMERICAN STUDIES DEPARTMENT

The African American Studies Department is designed to bring into disciplinary focus, through inter-departmental and multicultural course offerings in Liberal Arts and Sciences, the history and culture of Africans and their descendents, throughout the diaspora from antiquity to the present.

Readings and classrooms lectures bring research, critical analysis, synthesis, and interpretation to bear on the contributions of peoples of African descent to the genesis and the development of human civilization. African American Studies is fundamentally concerned with the stimulation of intellectual growth and the development of humanist principles.

Please join African American Studies as we celebrate the 50th Anniversary of the Discipline. Through the theme *The Legacy of Storytelling: Celebrating 50 Years of African American Studies*, the department will continue to recognize that it is a part of an intellectual tradition, whereby students, faculty and community members around the globe continue to engage in the rigorous study of the African Diaspora. During the 2018-2019 academic year, African American Studies will launch curricula and programming initiatives for the 50th Anniversary. Visit the

college website for further details about our events for Black Solidarity Day, Kwanzaa, Black History Month, and Women's History Month.

## MARTA EFFINGER-CRICHLOW

Dr. Marta Effinger-Crichlow completed a Scholar Incentive Leave from January 2017 - January 2018 to focus on her feature-length documentary film *LITTLE SALLIE WALKER*, which tells the story of how black women and girls find refuge, power, and pleasure throughout childhood play. While on leave, she was the featured filmmaker and panelist for a work-in-progress screening of the film project at the 20th Anniversary Season Reel Sisters of the Diaspora Pre-Festival Event "Black Women's Joy: How Do You Play?"

This event occurred at Long Island University



- Kumble Theater in Brooklyn on September 27, 2017. She was also interviewed about the film by WBAI Radio 99.5FM on the show "Untitled with Malika Whitney" in December 2017. Dr. Effinger-Crichlow led workshops and served on panels, which focused upon LITTLE SALLIE WALKER, for the New York Women's Foundation; Jack & Jill of Trenton New Jersey; and The YWCA of Manhattan. Others 2017 - 2018 honors, recognition, and grants for LITTLE SALLIE WALKER include:

Grant Recipient, Enhanced PSC-CUNY Research Award, Cycle 49, Research Foundation, New York City, Awarded May 2018. Award \$12,000.

Grant Recipient, New York Women's Foundation, Strategic Discretionary Grant Award, Community Engagement Initiative, New York City, Awarded April 2018. Award \$10,000.

Fellow, IFP JustFilms Fellowship, funded by the Ford Foundation, Made in New York Media Center by IFP, DUMBO Brooklyn, NY, Jan. 2017 – Jan. 2018.

Production Assistance Program with Fiscal Sponsorship, Women Make Movies, New York, NY, August 2017 – Present.

Within City Tech and CUNY, Dr. Effinger-Crichlow was a Scholar on Campus Finalist in 2018. She was also awarded the Chancellor's Recognition of Faculty with Outstanding Scholarly or Creative Work in April 2017. Finally, in addition to her film project, Dr. Effinger-Crichlow served as a moderator for "An Evening with the Creative Team & Cast of Sugar In Our Wounds by Donjae Love" at the Manhattan Theatre Club

in New York City in May 2018.

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## EMILIE BOONE

During the 2017-2018 academic year, I had the honor of giving a lecture and leading a seminar for MOMA staff members as part of the museum's **C-MAP Initiative**. In addition, the graduate program of art history at CUNY Graduate Center selected me to give their annual Rewald Seminar. As for publications, a chapter of mine, published in both English and Haitian Creole, appeared in the **2017 book Ghetto Biennale/Geto Byenal 2009-2015**.

Lastly, I had the pleasure of organizing a day-long writing/publishing workshop designed specifically for City Tech faculty members with the help of Faculty Commons and Ken Wissoker of Duke University Press.

I received the **Chester Dale Fellowship from the Metropolitan Museum of Art** that is sponsoring my leave to continue my work on the African American photographer James Van Der Zee. Please **see**

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## JAVIELA EVANGELISTA

As a year long Faculty Fellow for the Center for Place, Culture and Politics at the CUNY Graduate Center (2017-2018), I developed and reviewed a chapter of my book manuscript with peers and advisors. Last June, at the University of Birmingham, United Kingdom, I presented my research at the Conference

on Racial Displacements: Peripheries, Camps, and Resistance and I was awarded a PSC-CUNY grant for archival research. These scholarly opportunities have been critical to the advancement of my research agenda. Committed to prospects for our undergraduate students as well, last year a student I nominated from my AFR 1467 course served as a Peer Mentor with The Future Initiatives at the CUNY Graduate Center. The goal of the mentorship program is to provide undergraduate students from a range of CUNY campuses with training and a stipend, in order to develop their leadership skills, as well as peer mentoring on their campus. Our student shared that it was a "life changing experience" working with distinguished faculty and peers across campuses, towards personal and local achievements.

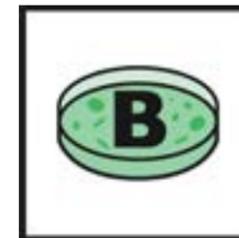
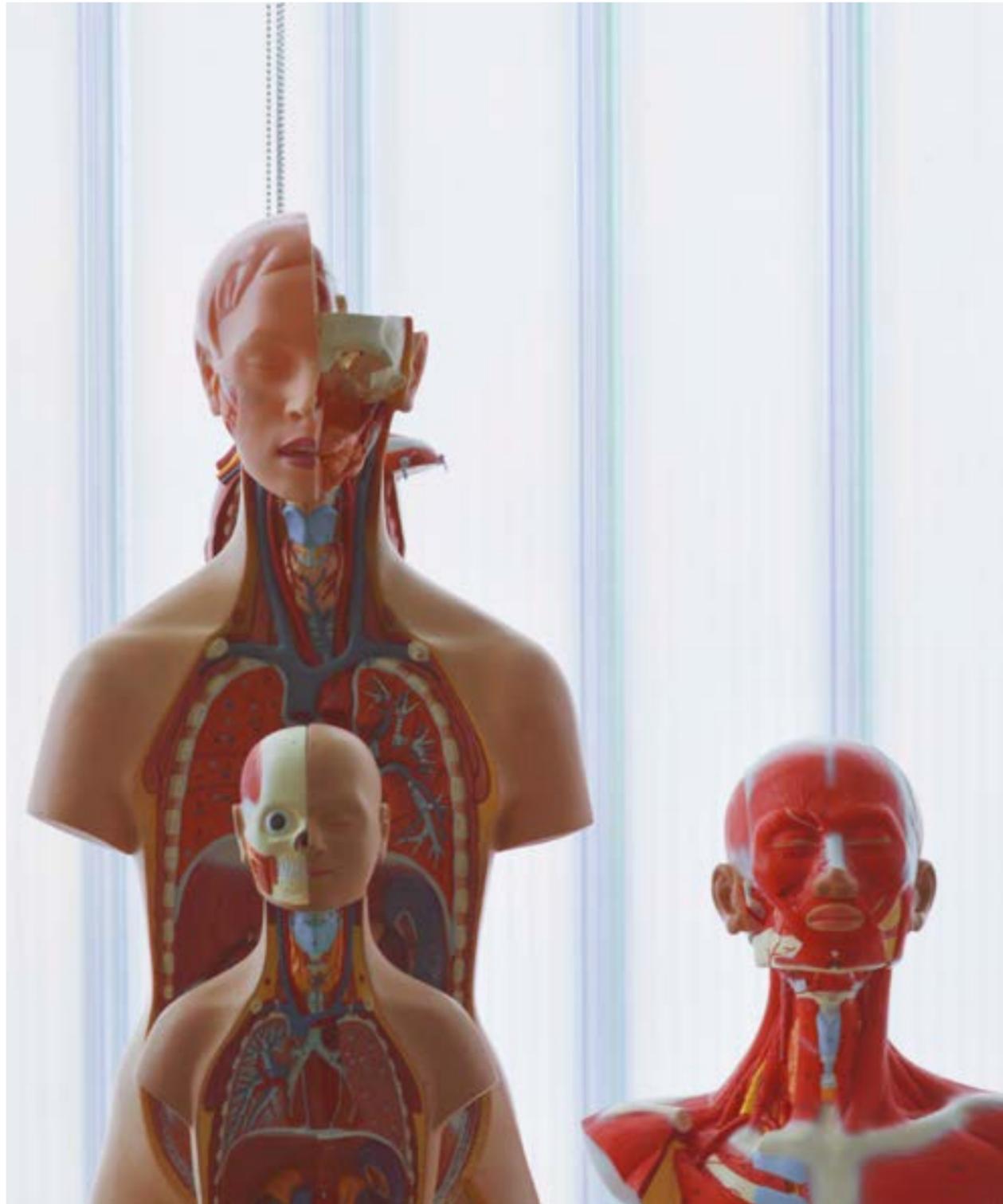
Developing and teaching an Open Educational Resource (OER) for Africana Folklore: AFR 1130 last year, enabled me to contribute to conversations about greater access to information at NYCCT. With input from faculty, the OER website will grow into a resource for the AFR department. Please see the **link** here. Moreover, I developed and taught a new ID course, The Heritage of Imperialism: AFR 2402ID last year. Originally proposed by Dr. Panford, yet expanded and offered for the first time at the college under my instruction, it has been exciting to bring such a forward thinking course to life. A highlight of AFR 2402ID is our field trip to Democracy Now Studios! where we consider the value of independent media and various points of view. Our class tours the facilities, watches a live broadcast and discusses the issues with special guests and at

times, host Amy Goodman. Without a doubt, at it's best, academic work expands the classroom and engages the public in support of social justice.



▲ [DN! Logo.](#)

# BIOLOGICAL SCIENCES



## THE BIOLOGICAL SCIENCES DEPARTMENT

The Biological Sciences Department has historically served the students interested in obtaining Associates Degrees in Liberal Arts, Associates Degrees in Sciences and in professional health programs. With the development of the Biomedical Informatics (BIB) program in 2013, the department has increased the number of courses offered and expanded the student enrollment. A large number of students have graduated from the Biomedical Informatics program, with numerous students continuing on to graduate programs in Spring 2018. As a sign of positive growth in the Program, the City Tech valedictorian for the class of 2018 was our very own Serifat Adebola, the first from the School of Arts and Sciences.

Serifat Adebola  
(Valedictorian 2018)



Panel of Alumni  
(Brittany Dhital,  
Taheefa Stephen,  
Sajjad Abedian,  
Elizabeth Rozens-  
weig)

The NIH-funded (P.I. Evgenia Giannopoulou) **Big Data to Biomedical Informatics** (BD2BMI) program recruited eight (8) Biomedical Informatics (BIB) students in 2017-2018 and trained them in Big Data research. In the first year we organized several activities to enhance the professional development of students including: (1) technical sessions in UNIX, SQL, Python and R, (2) professional development workshops hosted at the Professional Development Center at City Tech, (3) invited lectures by distinguished researchers from Weill Cornell Medicine, (4) site visits, (5) a week-long summer bootcamp held at Cornell and (6) eight individual Big Data related internship projects with applications in biomedicine.

BD2BMI hosted lectures at City Tech throughout the Spring 2018 that were well-attended (~60 people) by students and faculty from all City Tech departments. The BigData summer bootcamp held at Cornell in

June 2018 attracted both adjunct and full-time faculty from City Tech and other CUNY colleges. The bootcamp fostered interactions between CUNY and Cornell faculty, potentially leading to future research collaborations.

A NSF IUSE (Improving Undergraduate STEM Education) grant was awarded to the Cold Spring Harbor Laboratory DNA Learning Center (DNALC), City Tech, James Madison University and Bowie State University (NSF IUSE #1821657). This grant seeks to enact changes to undergraduate life science education through implementing course-based undergraduate research using DNA barcoding technology. This grant will allow for continued growth and development of the course-work throughout the department while providing opportunities for internships for BIB students.

Lastly, an enduring goal of the Department has been maintaining a strong network between current BIB students and Alumni. BIB Alumni have followed a wide range of career paths: research or lab assistant positions at major institutions in New York, such as Mount Sinai Hospital, Rockefeller University, City College of New York, and Weill Cornell; bioinformatician in renown pharmaceutical companies; and have furthered their scientific training by attending graduate school. The department was very proud to host a panel of Alumni at the BIB graduation party in June 2018.

### CHRISTOPHER BLAIR

Last year I served as first author on a

publication entitled “Cryptic diversity and discordance in single-locus species delimitation methods within horned lizards (Phrynosomatidae: Phrynosoma)”. This study was published in the journal *Molecular Ecology Resources*, which is considered a high impact journal in my field. I also presented new data regarding species limits and phylogenomics of montane rattlesnakes at the Society of Systematic Biologists meeting in Columbus, OH.

### JEREMY SETO

Professor Seto published a peer-reviewed journal article in *Neuroscience* entitled “**HDAC2-dependent Antipsychotic-like Effects of Chronic Treatment with the HDAC Inhibitor SAHA in Mice.**” He was invited to present at the SUNY/CUNY Open Educational Resources Showcase at Baruch College. Along with Amanda Almond (Social Sciences - Psychology), Jill Belli (English) and Cailean Cooney (Library), he presented at the Open Education Global 2018 Conference in Delft,



▲ NYC Science March 2018

Open Education  
Global 2018 (Delft,  
Netherlands)



Netherlands. Their presentation was entitled “Building a Culture of Open Pedagogy from the Platform Up” where he focused on using an OER for course coordination purposes in line with the objectives set forth by the National Science Foundation’s Vision & Change call to action. The group was interviewed for the website [OERInfo](#) and [Youtube](#).

Professor Seto is working with Professor Raffaella Diotti (Bronx Community College - Biology) where he is named as a collaborator on her recent PSC-CUNY TrdA grant. He was also a Co-PI with Professor Diotti and Professor Maria Entezari (LaGuardia Community College - Natural Sciences) on the CUNY Collaborative Open Educational Resources in STEM (COERS) grant to develop place-based thematic laboratory modules. In line with his continued pedagogical development, he took part in the American Society for Biochemistry and Molecular Biology (ASBMB) meeting “Catalyst Conversations for Undergraduate Biology” where Biology faculty exchanged teaching paradigms.

Along with the Cold Spring Harbor Laboratory DNA Learning Center (DNALC), he was awarded the **NSF IUSE grant** (#1821657) “Implementing DNA Barcoding for Course-Based Undergraduate Research Experiences” as a Co-PI. Other Co-PI’s on this grant include Ray Enke (James Madison University) and George Ude (Bowie State College).

Professor Seto served as a reviewer for BMC Infectious Disease and on the PSC-CUNY Panel for Biology and Earth Sciences.

Follow him at [Instagram](#) and [Flickr](#).

### MERCER R. BRUGLER

Prof Brugler received two grants (totaling \$6.73 million) from the National Ocean Service, National Oceanic and Atmospheric Administration & Department of Commerce.

1) Title: Sharing the Flower Garden Banks with the World Through Telepresence. Role: Co-PI.

Budget: \$2,985,280 over three years. Decision: 9/21/18.

2) Title: Connectivity of Coral Ecosystems in the Northwestern Gulf of Mexico. Role: Collaborator. Budget: \$3,747,910 over five years. Decision: 9/6/18.

Prof Brugler had two NOAA-funded research cruises to the Flower Garden Banks National Marine Sanctuary (NW Gulf of Mexico) in Fall 2017 (included City Tech students Nadia Alomari & Colin Joseph) and two additional cruises in Summer & Fall 2018 (included City Tech students Rachael Ross, Raven Johnson, Naomi Chery & Katherine Parra).

Prof Brugler published eight peer-reviewed articles.

1) Bo M, Barucca M, Biscotti MA, Brugler MR, Canapa A, Canese S, Lo Iacono C, Bavestrello G, 2018. Phylogenetic relationships of Mediterranean black corals (Cnidaria: Anthozoa: Hexacorallia) and implications for classification within the order Antipatharia. *Invertebrate Systematics* 32: 1102-1110

2) Brugler MR, Aguado MT, Tessler M, Siddall ME, 2018. The transcriptome of the Bermuda fireworm *Odontosyllis enopla* (Annelida: Syllidae): A unique luciferase gene family and putative epitoky-related genes. *PLoS ONE* 13(8): p.e0200944

3) Brugler MR, González-Muñoz RE, Tessler M, Rodríguez E, 2018. An EPIC journey to locate single-copy nuclear markers in sea anemones. *Zoologica Scripta* 47: 756-776

4) Quattrini AM, Faircloth BC, Dueñas LF, Bridge TCL, Brugler MR, Calixto-Botía IF, DeLeo DM, Foret S, Herrera S, Lee SMY, Miller DJ, Prada C, Rádis-Baptista G, Ramírez-Portilla C, Sánchez JA, Rodríguez E, McFadden CS, 2017. Universal target-enrichment baits for anthozoan (Cnidaria) phylogenomics: New approaches to long-standing problems. *Molecular Ecology Resources* 18(2): 281-295

5) Simon S, Sagasser S, Saccenti E, Brugler MR, Schranz ME, Hadrys H, Amato G, DeSalle R, 2017. Comparative transcriptomics reveal developmental turning points during embryogenesis of a hemimetabolous insect, the damselfly *Ischnura elegans*. *Scientific Reports* 7(1): 13547

6) Tessler M, Neumann JS, Afshinnekoo E, Pineda M, Hersch R, Velho LF, Segovia BT, Lansac-Toha FA, Lemke M, DeSalle R, Mason CE, Brugler MR, 2017. Large-scale differences in microbial biodiversity discovery between 16S amplicon and shotgun sequencing. *Scientific Reports* 7(1): 6589.

7) Marlow J, Borrelli C, Jungbluth SP, Hoffman C, Marlow J, Girguis PR, AT-36 Team, 2017. Opinion: Telepresence is a potentially transformative tool for field science. *Proceedings of the National Academy of Sciences* 114(19): 4841-4844

8) Tessler M\*, Brugler MR\*, DeSalle R, Hersch R, Velho LFM, Segovia BT, Lansac-Toh FA, Lemke MJ, 2017. A global eDNA comparison of freshwater bacterioplankton assemblages focusing on large-river floodplain lakes of

Brazil. *Microbial Ecology* 73(1): 61-74 (IF: 3.614)  
\*Equal contribution

Prof Brugler has two manuscripts in review at *PLoS ONE* and a third manuscript with an editor at *Nature*.

1) Stampar SN, Broe MB, MacRander J, Reitzel AM, Brugler MR, Daly M. Linear mitochondrial genome in Anthozoa (Cnidaria): A case study in *Ceriantharia*. *PLoS ONE*.

2) Siddall ME, Barkdull M, Brugler MR, Tessler M, Borda E, Hekkala E. Ideating iDNA: Lessons and limitations from leeches in legacy collections. *PLoS ONE*.

3) Lansac-Tôha FM, Bini LM, Meira BR, Segovia BT, Pavanelli CS, Bonecker CC, de Deus CP, Benedito E, Alves GM, Manetta GI, Higuti J, Dias JD, Vieira LCG, Rodrigues LC, Roberto MdC, Brugler MR, Lemke MJ, Tessler M, DeSalle R, Mormul RP, Amadio S, Lolis SF, Jati S, Siqueira T, Silva WM, Lansac-Tôha FA, Martens K, Velho LFM. Scale dependency patterns in

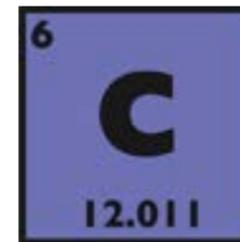
metacommunity structure of aquatic organisms across floodplain systems. *Nature*.

Prof Brugler is currently accepting new students into his deep-sea molecular lab at the American Museum of Natural History (mbrugler@citytech.cuny.edu). To learn more about #TeamBlackCoral, please [visit](#) or follow @ProfBrugler on Twitter.



Rachael Ross, Katherine Parra, Naomi Chery, and Raven Johnson all participated in NOAA-funded research cruises to the Gulf of Mexico during Summer and Fall 2018. Photo taken at Prof Brugler's deep-sea molecular lab at the AMNH.

# CHEMISTRY



## THE CHEMISTRY DEPARTMENT

The Chemistry Department's principal responsibility is the teaching and learning of chemistry.

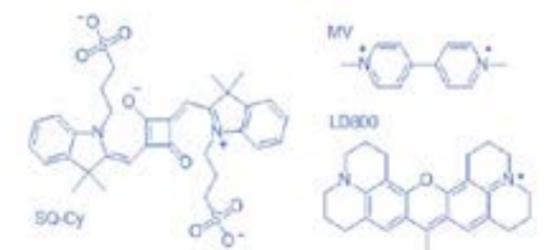
The department has a variety of courses ranging from general chemistry, organic chemistry, analytical chemistry, physical chemistry, inorganic chemistry, instrumental chromatography and medicinal chemistry. In addition to Chemistry courses, the department also offers environmental science courses for non-majors, as well as an interdisciplinary course in Energy Resources. The Chemistry courses are designed to provide the students with the practical experience needed to solve real-world problems. The Chemistry Department offers two degree programs: an Associate of Science in Chemical Technology and a Bachelor of Science in Applied Chemistry. The Associate in Chemical Technology provides a solid foundation for students to transfer to other Baccalaureate programs in Biology, Biochemistry, Chemical or Civil Engineering, as well as Chemistry. The Applied Chemistry degree equips students with the knowledge and laboratory skills needed to succeed in the chemistry workforce as well as matriculate in graduate or professional programs.

## DIANA SAMAROO

Prof. Diana Samaroo's research is in the application of biologically conjugated porphyrinoid compounds towards photodynamic therapy (PDT) and nanomaterials. Her pedagogical work in chemical education focuses on integrating STEM and peer learning in the classroom.

Last academic year, she supervised/mentored six students on various research projects, such as "Development of a Kinetic Model of Epoxy Resin from Isothermal Differential Scanning Calorimetry" and "Circular Dichroism Profiles of Bovine Serum and Human Serum Albumin."

Most notably, one of her research student Andrew Wills (Applied Math) was accepted to the National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK) as an IRTA Fellow. To my knowledge, this is the first time



Chemical structure of cyanine-type squaric dye (SQ-Cy), and energy acceptors methyl viologen (MV) and rhodamine 800 (LD800).



a City Tech student has been an NIH postdoc fellow.

Prof. Samaroo published the following peer-reviewed articles in 2017-2018:

1. "A Multitier Approach To Integrating STEM Education into a Local Elementary School" in *Science Education and Civic Engagement: An International Journal* (2018) 10(1): 35-42, with Prof. Melanie Villatoro (Construction Management Civil Engineering (CMCE) Department), Ms. Servena Narine (STEM Specialist) and two undergraduates Ms. Areeba Iqbal and Ms. Kayla Natal.

2. "The Peer-Led Team Learning Leadership program for first year minority science, technology, engineering, and mathematics students" in *Journal of Peer Learning* (2018) Vol 11: 65-75, with Prof. Janet Liou-Mark, and Prof. Urmi Ghosh-Dastidar from the Mathematics Department and Prof. Melanie Villatoro (CMCE).

3. "Nonlinear optical switching properties of dye-doped inorganic/organic nanocomposite films." *Journal of Nonlinear Optical Physics & Materials* (2017) Vol. 26, No. 02, 1750015 with Dr. Nathan Stevens and Dr. Daniel L. Akins from City College.

Prof. Samaroo was selected as 2017 Region 1 National Society of Collegiate Scholars (NSCS) Advisor of the Year. In 2018, the NSCS inducted keynote speaker, Yvonne Riley-Tepie, Ed.D. who is Vice President of U.S. Field Marketing Strategy at TD Bank as a distinguished member.

### ALBERTO MARTINEZ

Professor Martinez's research focuses on the design and synthesis of multi-target compounds with potential anti-Alzheimer's disease properties, and the study of their in vitro ability to: 1) selectively chelate Cu<sup>2+</sup> metal ions; 2) inhibit the formation of reactive oxygen species; 3) inhibit the formation of amyloid- $\beta$  aggregates, and 4) inhibit BACE 1 enzymatic activity.

Peer-reviewed Publications:

- Martínez, A.; Zahran, M.; Gomez, M.A.; Cooper, C.; Guevara, J.; Ekengard, E.; Nordlander, E.; Hambleton, S. (2018) Novel Multi-target Compounds in the Quest for New Chemotherapies against Alzheimer's Disease: An Experimental and Theoretical Study. *Bioorganic & Medicinal Chemistry*, 26, 4823-4840

- Villanueva, P.J.; Martinez, A.M.; Baca, S.T.; DeJesus, M.L.; Contreras, L.; Gutierrez, D.A.; Varela-Ramirez, A.; Aguilera, R.J. (2018) Pyronaridine exerts potent cytotoxicity on human breast and hematological cancer cells through induction of apoptosis, *PLoS ONE*, 13(11): e0206467

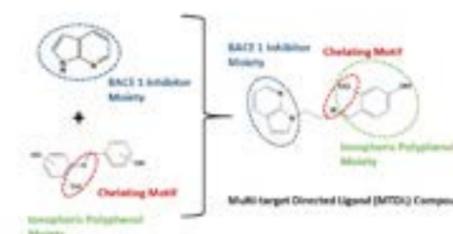
Presentations in Conferences:

- Poster Presentation, American Chemical Society, Middle Atlantic Regional Meeting 2018. Title: Interaction of ionophoric polyphenols with human serum albumin (HSA). University of Bethlehem, Bethlehem, PA, June 2018.

- Student oral presentation at the Undergraduate Research Symposium, New York Section, American Chemical Society; supervising Miguel Gomez and Sinji Shibutani. Title of presentation: Interaction of ionophoric polyphenols with human serum albumin. York College (CUNY), Queens, NY, May 2018.

- Student oral presentation at the Undergraduate Research Symposium, New York Section, American Chemical Society; supervising Johnny Guevara (in collaboration with Prof. Zahran from Biology Department). Title of presentation: Modelling potential BACE 1 inhibitors. York College (CUNY), Queens, NY, May 2018.

- Poster presentation, Experimental Biology (FASEB); supervising Johnny Guevara (together with Prof. Zahran from Biology Department). Title of the presentation: Molecular dynamics study of the effect of multi-target compounds binding to BACE 1. San Diego, CA, April 2018. Published as conference proceedings



Design of a multi-target compound incorporating a BACE 1 inhibitor fragment to the structure of an ionophoric polyphenol.

### IVANA JOVANOVIC

I joined City Tech in the fall of 2017 and became a full time faculty member at the Department of Chemistry this fall. My research focus lies in the area of materials science: nanomaterials for solar energy harvesting; polyoxometalates and porphyrinoid molecules as photocatalysts for oxidation of organic compounds and for metal ion reduction for environmental remediation. I have been involved in mentoring undergraduate students to participate in research projects. One of my students was an Emerging Scholar, others were part of the CSTEP program. They presented their work at the 66th Annual Undergraduate Research Symposium at York College, CUNY, as well as the 13th Annual CUNY BMI Conference at NYCCT. In addition, I am an OER Fellow and I have been developing General Chemistry Lab courses on OpenLab. It is also a special pleasure to participate in more "out of the box" activities such as the Chemistry Club. There the students can interact in a more informal setting, discussing future research and career goals, organizing student events, tutoring sessions and simply get to know each other better.

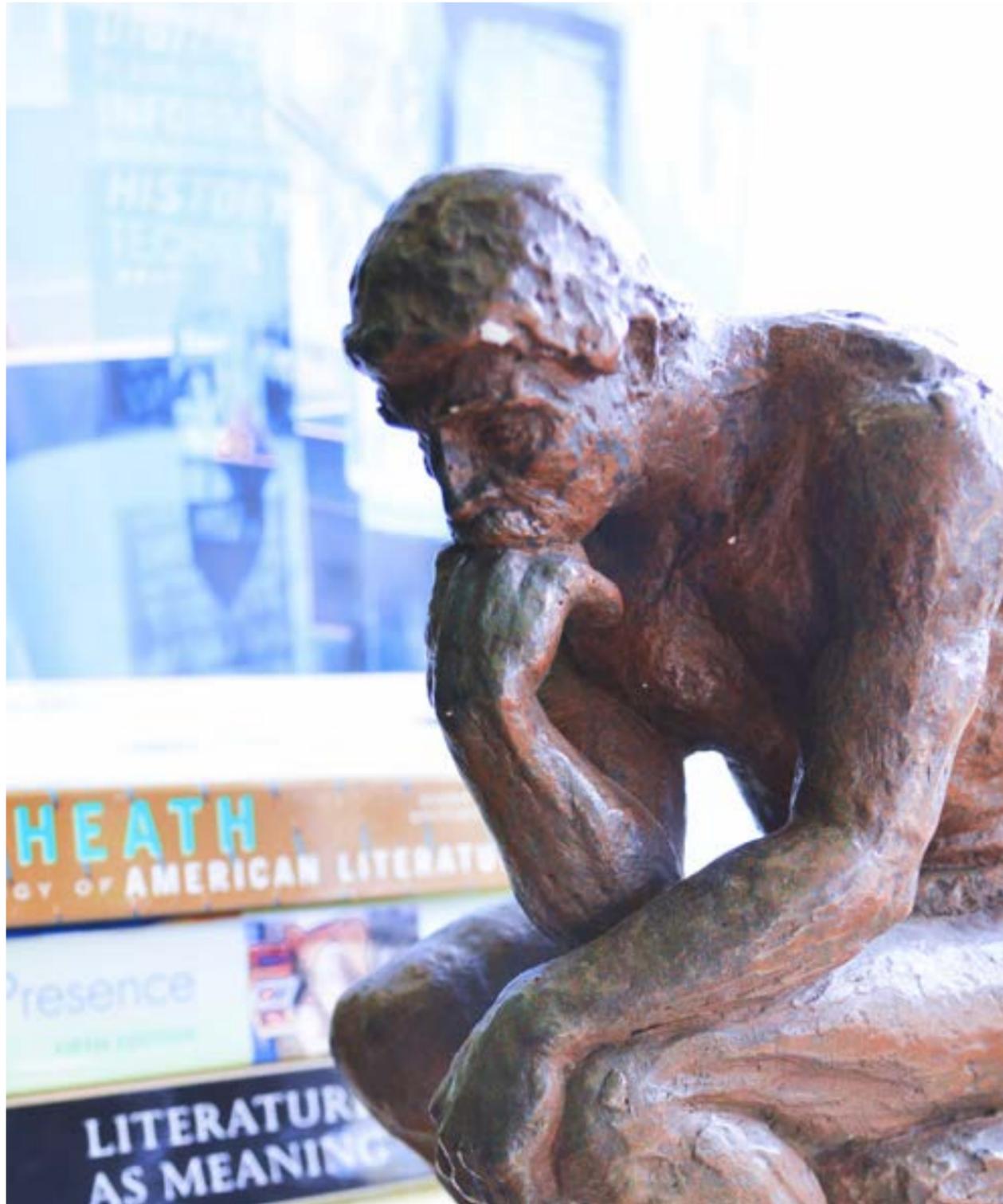
## **NEW FACULTY**

The Department of Chemistry welcomed one full-time Assistant Professor, Ivana Jovanovic.

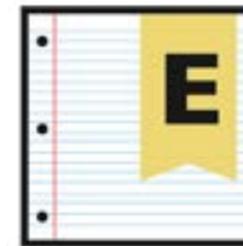


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**IVANA JOVANOVIC**



# ENGLISH



## THE ENGLISH DEPARTMENT

The English Department offers a wide range of courses in the study of literature. These include lower-level introductory courses and upper-level specialized courses, which both satisfy core and major curriculum requirements, and provide students with rich experiences of classic and contemporary texts.

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### ANNETTE J. SADDIK

During the 2017-2018 academic year, I was invited to write the programme essay for the London production of Tennessee Williams's "Summer and Smoke," directed by Rebecca Frecknall, at the Almeida Theatre, which ran from February 24-April 7, 2018. This essay, "The Quality of Desire," is now being reprinted for the programme of the play's transfer to the West End theatre (The Duke of York's Theatre), which will run from November 10, 2018 to January 19, 2019. I also had an article published in the July 13, 2017 issue of the Cape Times in South Africa, "A sumptuous serving of Williams's dark hilarity that is 'Two by Tenn'," in conjunction with a production that was produced in Cape Town.

In the U.S., the 2018 issue of the Tennessee Williams Annual Review published my academic review of "Mabou Mines' 'Glass Guignol: The Brother and Sister Play,' Created from the Works of Tennessee Williams and Mary Shelley," directed by Lee Breuer.

I have also given several invited international keynote lectures this past year, most recently in Seoul in October 2018 at the Modern English Drama Association of Korea's autumn conference on "Text and Performance" at Kookmin University. This past June, I delivered another keynote at the "Migrations in American Drama and Theatre" conference in Nancy, France, at the Université de Lorraine. This keynote, "Clowning Around? Crossing Boundaries in Late 20th-century Grotesque Drama," comes from my most recent research on the international role of political grotesque theatre from the 1960s to the end of the twentieth century. In October 2017, I was invited to deliver the Annual American Studies Lecture at the University of Leicester in England ("Tennessee Williams on Broadway: Reimagining The Glass Menagerie"), as well as a keynote at the Rethinking Laughter in Contemporary Anglophone Theatre conference at the Université Toulouse-Jean Jaurès in France ("Laughter and Lamentation: The Comic Grotesque in Tennessee Williams' Late Plays").

In September 2018 and March 2018, I delivered

invited talks at the two major Tennessee Williams conferences/festivals in the country (in Provincetown, MA and New Orleans, LA)--one lecture on "The Rose Tattoo" and "Talisman Roses," directed by Marsha Mason, and the other on Williams's "The Unsatisfactory Supper." In addition, I co-curated the opening night event in New Orleans, "Women of Williams," with Broadway playwright Lisa D'amour and actresses such as Amy Ryan, Brenda Currin, and Beth Bartley.

In New York, I was invited to be interviewed for audience "talk-backs" at both Broadway and off-Broadway productions. In January 2018, I spoke at the American Airlines Theatre on Broadway for a post-show discussion of the Roundabout Theatre's production of John Lithgow's solo show, "John Lithgow: Stories by Heart" [see photo], and in February 2018, the White Horse Theatre Company asked me to speak about their off-Broadway production of Tennessee Williams's "A Cavalier for Milady at The Player's Club." The Morgan Library also asked me to give three lectures and seminars in conjunction with their exhibition, "Tennessee



▶ On Stage at the American Airlines Theater on Broadway Interview with Ted Sod for John Lithgow's "Stories by Heart" (January 2018)

Williams: No Refuge but Writing" (February 2-May 13, 2018)--I conducted invited public seminars on "The Glass Menagerie" and "Cat on a Hot Tin Roof," in addition to providing the training for the exhibition's docents. Finally, in October 2017, I discussed my research on "Tennessee Williams in Context" at the New York City College of Technology Faculty Colloquium.

I continue to currently serve on the editorial boards of "The Tennessee Williams Annual Review" and the "Journal of Contemporary Drama in English," and am in my third year of an appointment with the League of Off-Broadway Theatres and Producers as a Lucille Lortel Awards voter.

### GEORGE GUIDA

During the 2017-2018 academic year, I received a Pushcart Prize nomination for my short story "The Uniform," and was runner-up in the Foundlings Press Chapbook Contest for my manuscript of poems "Zen of Pop." During the same period I published a dozen poems in a number of journals and anthologies, including MUDFISH, THE MAINE REVIEW and MISREPRESENTED PEOPLE: POETIC RESPONSES TO TRUMP'S AMERICA (New York Quarterly Books, 2018). In addition I published an interview with the poet Willie Perdomo in 2 BRIDGES REVIEW, of which I am the former Poetry Editor and now Senior Advisory Editor.

### AARON BARLOW

In 2018, Aaron completed his second three-year term as Faculty Editor for "Academe," the national magazine of the American Association of University Professors.

During the past year, a book he edited with Laura Westengard (also of the English Department), "The 25 Most influential American Sitcoms" appeared. It includes three chapter essays of Aaron's and a fourth co-written with Dr. Westengard. Another collaboration, a book chapter written with colleague Patrick Corbett, "Implications of Re-Defining 'Working Class' in the Urban Composition Classroom," also appeared, along with two other solo book chapters, one on an aspect of the Batman/Superman universe and the other on the science-fiction writer Philip K. Dick. Currently, Aaron is working on a blog project, "Nothing Is Revealed: A Personal Story of a Year" about 1968. Now over 100,000 words long, Aaron hopes to turn this into a book next year. He is also working on a contracted project for a popular culture series, a book on the 1960s with Martin Kich, a scholar at Wright State University in Ohio and is editing (and writing a great deal of) a contracted encyclopedia focused on the Manhattan Project of the 1940s. Beyond that, he is expanding prose and notes left by late colleague Charles Hirsch into a novel and is participating in a project for The WAC Clearinghouse, Colorado State University Open Press, and the University Press of Colorado, "Learning the Way," a collaboration by writing scholars on ways of responding effectively

to sexual harassment on campus. Colleague Robert Leston and Aaron are completing a book chapter, "Robert Scholes and the Tactical Turn" for a tribute volume to be published by Utah State University Press.

### JOSEPH JEYARAJ

Pedagogical contributions since coming to City Tech

Dr. Joseph Jeyaraj has taught seven new courses since coming to New York City College of Technology. Three of these courses are advanced courses (Planning and Testing User Documentation - ENG 3780, Advanced Technical Writing - ENG 3775, and Advanced Professional Writing as Grant Writing - ENG 3770) and were being taught for the first time in the Professional and Technical Writing program.

He also introduced the genre of instructional/operational writing in the professional and technical writing program by first teaching it in Introduction to Technical writing (ENG 2700).

National Award Since Coming to City Tech

Since coming to City Tech, Dr. Jeyaraj received the award for best article in scientific and technical communication curriculum and pedagogy from the National Council of Teachers of English for the following essay.

"Engineering and Narrative: Literary Prerequisites As Indirect Communication for Technical Writing." *Journal of Technical Writing*

and Communication 44.2 (2014): 189-208.

Peer Reviewed Publications Since Coming to City Tech

“Engineering Design and Innovation: Studying Design, Learning Operational Writing.” 2018 International Professional Communication Conference Proceedings. IEEE (Institute of Electrical and Electronics Engineers). (forthcoming).

“Linear Narratives, Arbitrary Relationships: Mimesis and Direct Communication for Effectively Communicating Engineering Subject Matter Multimodally.” *Journal of Technical Writing and Communication*. 47.1 (2017): 56-85.

It must be noted that Dr. Jeyaraj has published with IEEE on more than one occasion before coming to City Tech and has continued doing that since coming to City Tech as well.

Presentations Since Coming to City Tech

“Engineering Design and Innovation: Studying Design, Learning Operational Writing.” 2018 International Professional Communication Conference, Toronto, July 2018.

It must be noted that Dr. Jeyaraj has also presented at IEEE conferences on more than one occasion before coming to City Tech and has continued doing that since coming to City Tech as well.

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## JENNIFER SEARS

During the 2017-2018 academic year, I was awarded two fellowships, the 2018 Fellowship in Prose from the National Endowment for the Arts (NEA) and a 2018 Fiction Fellowship from the New York Foundation for the Arts (NYFA). In addition to recognition, the financial support from these grants enabled me to take time off from teaching duties in the summer of 2018, enabling me to further manuscripts and travel to conduct historical research for new projects.

In the spring of 2018, I published a story, “The Body Confesses” in the literary journal *Scoundrel Time*. The New York Public Library and the literary organization Plympton published an excerpt from my novel in progress titled, “The Interrogator Recites a Love Song,” on the library’s platform Simply-E. I also published a short story in *Nucleus* and participated in area readings. I presented creative work at conferences at Eastern Mennonite University in Virginia and at the University of Winnipeg in Manitoba, Canada. In the spring of 2018, I co-presented pedagogical and leadership practices for First Year Learning Communities at the CUNY Coordinated Undergraduate Education (CUE) Conference at Medgar Evers College with fellow City Tech faculty and FYLC coordinators Karen Goodlad, Sandra Cheng, Lauri Aguirre, and Julia Jordan. The title of our presentation was “Dynamic Strategies for Preparing First Year Learning Communities Faculty for Student Success”

Literary Fellowships/Awards:

**National Endowment for the Arts.** FY 2018 Creative Writing Fellowship in Prose.

**New York Foundation for the Arts.** 2018 Artist Fellowship in Fiction.

Publications:

“The Interrogator Recites a Love Song.” Simply E. New York Public Library. 30 April 2018. E-book publication co-curated by the New York Public Library and Plympton.

“The Body Confesses.” *Scoundrel Time*. 3 April 2018. <https://scoundreltime.com/the-body-confesses/>

“**Purpose of Plunder.**” *Nucleus: A Faculty Commons Quarterly*. Vol. 9: Winter 2018. New York City College of Technology. Page 15. (Reprint: Online and print publication.)

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## CAMILLE GOODISON

This most recent academic year, I was able to complete editing an anthology of contemporary prose, *OUT OF MANY: MULTIPLICITY AND DIVISIONS IN AMERICA TODAY*. The anthology features short fiction and essays by some of more talented writers you could find in the contemporary U.S. arts scene. Alongside my co-editor (and sister) Racquel, an award-winning writer in her own right, we were able to cull the best submissions from a nationwide call for talent. The anthology is a way of showcasing the tremendous variety that can be found in the literary scene. We paid

attention to diversity of genders, race, class, nationality, culture and personality, among other things. Most of all we wanted a collection of enjoyable, insightful, meaningful work that helps foster greater understanding and appreciation of our country’s diversity. The book is available for sale on Amazon.

I also finalized the edits for my collection of short stories, *CHANCE WANDERER AND OTHER TALES OF HUNGER* (forthcoming June 2019, Cat In The Sun Books), which includes some work that has been previously accepted by several respected literary publications, as well as a creative nonfiction piece which earned me a “notable essayist” mention from THE BEST AMERICAN ESSAYS organization. I was happy to be included with writers such as Roxane Gay, Malcolm Gladwell and Jonathan Franzen. The collection was inspired by Japanese novelist, Haruki Murakami, and other artists I’ve read and liked over the years dabbling with experimental takes on traditional forms of storytelling.

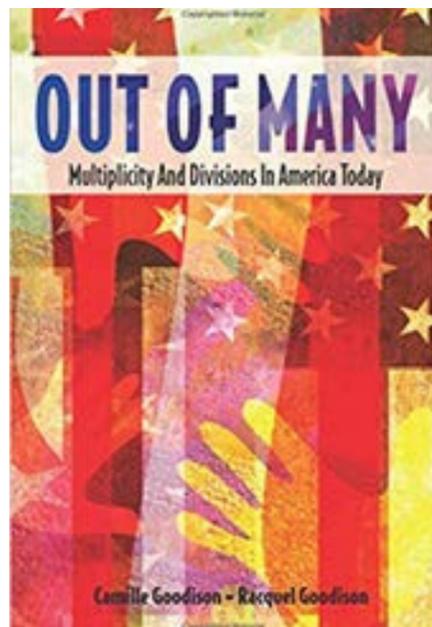
My experience teaching Ralph Ellison’s classic novel, *INVISIBLE MAN*, lead me to writing an essay, “Re-visioning Ralph Ellison’s *INVISIBLE MAN* For A Class of Urban Immigrant Youth.” The essay shares some of the ideas my students and I explored about identity and being an American. It was accepted for publication by *CEA CRITIC*, *THE ACADEMIC JOURNAL OF THE COLLEGE ENGLISH ASSOCIATION*.

My short story, “Katia” was excerpted by *EMERGING WRITERS: AN ANTHOLOGY OF FICTION* (Z Publishing). Featured writers are solicited by literary agents and others working

in the literary field. I was contacted based on previously published work found in journals across the nation.

This past year I also published two more essays and one more short story: "Yugen" in literary journal, STEAM TICKET, "Enchanted Wanderer" in BRIAR'S LIT and "Frenzy" in an anthology of personal essays.

I continue work on a collection of essays inspired by interviews with my father. I was inspired by his devotion to teaching, music, art and life, as well as his great wisdom. He's now happy in retirement and I hope to finish the work soon enough so he can see it.



## MEGAN BEHRENT

During the 2017-2018 academic school year, Prof. Behrent was a faculty fellow at the Center for Place, Culture and Politics at the CUNY Graduate Center. She was one of six faculty across CUNY selected to participate in a seminar on "Consciousness & Revolution," based on a proposal for "Poetry & Politics: Audre Lorde, Adrienne Rich & the Women's Liberation Movement." She also awarded a PSC-CUNY grant to continue archival research for this project.

Prof. Behrent's publications in 2017-2018 include an article in *Assuming Gender* titled, "From A Woman's Right to Choose to 'A Woman's Right to Shoes': The Commodification of Feminism and the Politics of Choice from Fear of Flying to Bridget Jones' Diary" in December 2017 and "You're It! On Being Targeted for Turnaround," a chapter published earlier in the year in Inside Our Schools: Teachers on the Failure and Future of Education Reform edited by Brett Gardiner Murphy and published by Harvard Education Press, and a review of *How We Get Free: Black Feminism and the Combahee River Collective* by Keeanga-Yamahtta Taylor, titled "Reclaiming the tradition of Black socialist feminism," published in the *International Socialist Review* 109 (Summer 2018). Prof. Behrent was also invited to join the editorial board of the *International Socialist Review* in the fall of 2017.

Prof. Behrent participated in annual conferences of the Modern Language

Association, the American Studies Association, the National Women's Studies Association and the American Literature Association (presentations listed below).

### Conference Presentations

"We all walk that line": Labor, Gender and Precarity in 21st Century American Workplace Drama, American Literature Association Annual Conference, 26 May 2018, San Francisco, CA.

The Legacy of Captivity Narratives: Gender, Race and the Captive in 20th and 21st Century American Literature and Culture, organizer & presider of a special session at the annual conference of the Modern Language Association, 8 Jan. 2018, New York City.

"Toward a Poetics of Solidarity: Audre Lorde, Adrienne Rich and the Politics of Intersectionality," National Women's Studies Association Annual Conference, 18 Nov. 2017, Baltimore, MD.

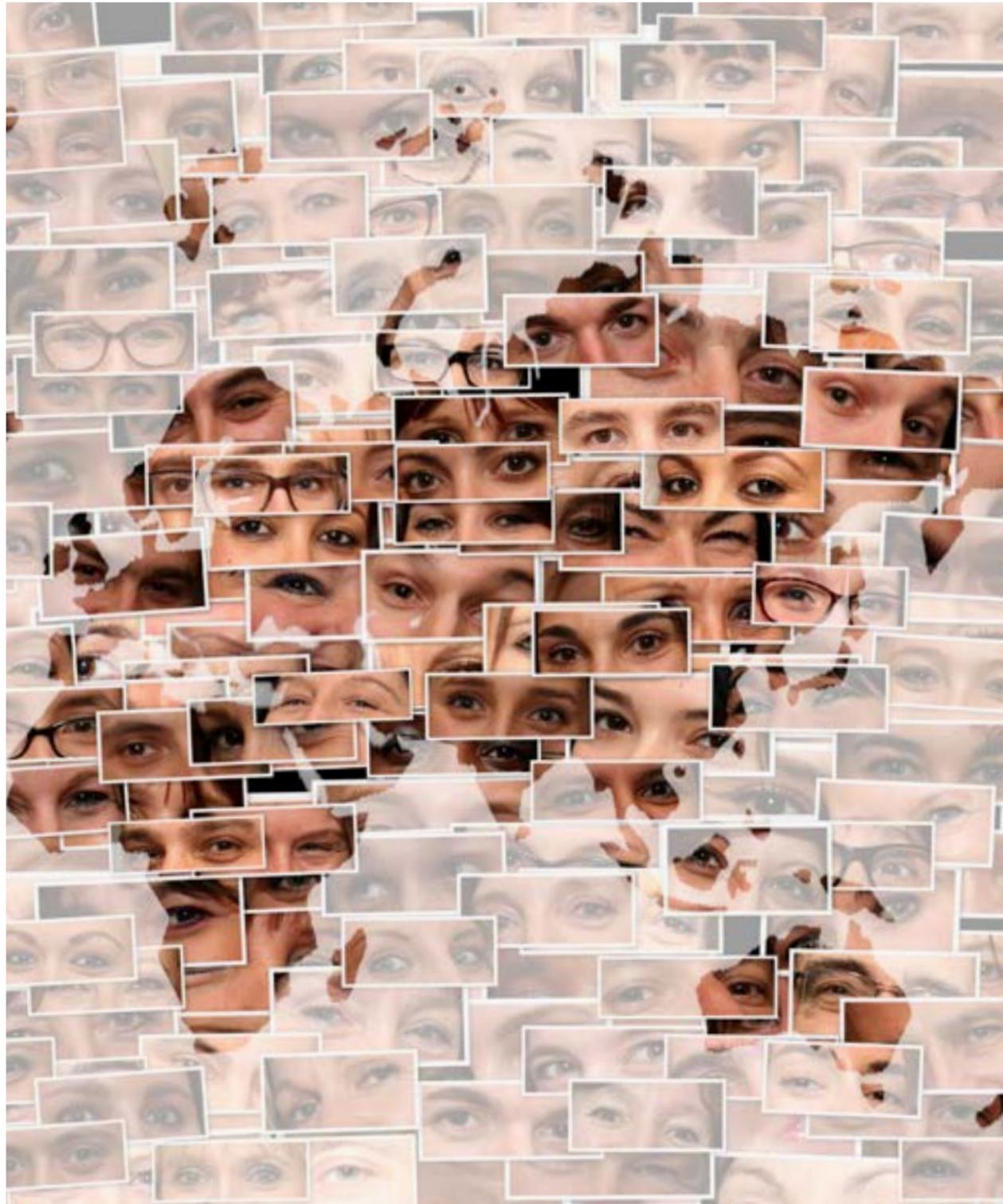
## **NEW FACULTY**

The Department of English welcomed  
one full-time Assistant Professor, Carrie  
Hall



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**CARRIE HALL**



# HUMANITIES



## THE HUMANITIES DEPARTMENT

The Humanities Department maintains a unique position within our college of technology. The department offers courses in

art history, communication, foreign language, music, and theatre, providing students with laboratories for creative expression, cultural and historical understanding, and practical tool sets for work and living.

Throughout 2017-18, groundwork was laid for the Communication Curriculum Committee to submit for formal considerations a proposal for a Bachelor of Science degree in Health Communication in Spring 2019. This cutting-edge baccalaureate program will provide NYCCT students with the fundamental knowledge, values, and skills for professional health care occupations. The curriculum offerings include two critical areas of concentration: The Health Communication and Culture concentration and Health Promotion and Media.

Following efforts to liaise with Brooklyn College's Communication Arts, Sciences, and Disorders Department in Spring 2018, the Humanities Department, secured an internship arrangement with Brooklyn College to offering free speech screening for City Tech

students and faculty starting in Fall 2018. In one-on-one private consultation, graduate students in Speech Language Pathology and Communication will identify speech issues that may be interfering with clear, effective communication.

Works in the Works, the department's monthly speaker series, entered its 7th year in Fall 2017. Presentations for the academic year 2017-2018 showcased the rich diversity of our faculty's research interests:

**David Lee**, Truth in Health and Safety Messages

**Zhijian Qian**, How a Painting of a Winking Owl Almost Put an Artist in Jail: The Communist Criticism of Art During China's Cultural Revolution

**Zheng Zhu**, Straight Acting: The Changing Image of Queer Masculinity in Media Representation

**Ann Delilkan**, The Phonologist's Craft—and Obligation

**Khalid Lachheb**, Internet Metaphors and Arabic Translation

**James Matheson**, Unchained: Works for Orchestra

**Jackie Berger**, Jimmo v. Sebelius: Holding Medicare's Feet to the Fire

As was planned when the series was first proposed, the department will invite speakers from across campus to present their 'works in the works' that overlap with the humanities in 2018-19.

## DAVID SÁNCHEZ JIMÉNEZ

In 2017 I was awarded with the PSC-CUNY Cycle 48 grant for the proposal entitled, The Rhetorical Functions of Citation in College Academic Writing: A Cross-language Study on Master's Thesis Written in English and Spanish. I conducted the major part of my research during the summer months of 2017, the results of which I presented in the I Congreso Internacional sobre Análisis de Corpus del Discurso Académico, which was held in Valencia, Spain on November 22-24, 2017. I also shared the results of this research in the Sixteenth International Conference on New Directions in the Humanities, which was held in Philadelphia, United States on July 6-7.

In terms of curriculum development, I received College Council and Pathways approval for SPA 2202HS Spanish Oral and Written Academic Communication for Heritage Speakers, a continuation of Spanish 2201HS that completes the sequence for a Spanish heritage speaker track in the Humanities Department. With this second step course, to be offered Spring 2019, heritage speakers' existing Spanish languages skills can be honed to become professional

asset.

Following is the list of my scholarly works during the AY 2017-2018:

### Journal Articles

- "Aproximación teórica a la evolución disciplinaria y temática en la historia del análisis del discurso", Argus-a Artes & Humanidades, VII(26), pp. 1-22.

### Book chapter

- "Elementos persuasivos de la citación en el discurso académico de posgrado: los verbos introductores de las citas en la sección de la Conclusión", in González Peláez, M. y M. Valderrama Santomé (eds.), Discursos Comunicativos Persuasivos Hoy, Madrid: Tecnos, pp. 415-428.
- "El valor persuasivo de los verbos introductores de las citas en la Conclusión de textos académicos universitarios de posgrado españoles", in Congreso universitario internacional sobre la comunicación en la profesión y en la Universidad de hoy: "Contenidos, investigación, innovación y docencia" (published as proceedings)

### Book review

- Dialogicity in Written Specialised Genres. Bellaterra Journal of Teaching & Learning Language & Literature, 10(4), pp. 87-92.

### Academic Presentations

- "Retórica Intercultural de las funciones retóricas de la cita: Discurso académico escrito por estudiantes universitarios estadounidenses y españoles", in the XVI International Conference on New Directions in the Humanities: Reconsidering freedom, July 6, 2018, University of Pennsylvania, Philadelphia, United States.

- "El valor de los verbos introductores de las citas en los textos académicos de posgrado escritos en español peninsular y en inglés", in the 9th International Workshop on Spanish Sociolinguistics, April 6, 2018, Queens College, City University of New York, New York, United States.

- "La organización retórica y las funciones retóricas de las citas en la Introducción de las memorias de máster escritas en español por estudiantes nativos españoles y no nativos filipinos", in 1st International Conference on Corpus Analysis in Academic Discourse, Nov. 23, Departamento de Lingüística Aplicada, Universidad Politécnica de Valencia, Valencia, Spain.

- "Retórica intercultural de las funciones retóricas de las citas en el discurso académico escrito por estudiantes universitarios y autores profesionales estadounidenses y españoles", in 1st International Conference on Corpus Analysis in Academic Discourse, Nov. 22, Departamento de Lingüística Aplicada, Universidad Politécnica de Valencia, Valencia, Spain.

- "El valor persuasivo de los verbos introductores de las citas en la Conclusión

de textos académicos universitarios de posgrado españoles", in Congreso universitario internacional sobre la comunicación en la profesión y en la Universidad de hoy, 26 Oct., 2017, Facultad de Ciencias de la Información. Universidad Complutense de Madrid, Madrid, Spain (online)

- "Retórica intercultural de las funciones retóricas de la cita en el discurso académico escrito por estudiantes universitarios estadounidenses y españoles", VII Coloquio Internacional sobre la Historia de los Lenguajes Iberorrománicos de Especialidad (CIHLIE), 20 Oct., 2017, Universidad de Alcalá, Alcalá de Henares, Madrid, Spain.

## SARAH ANN STANDING

My most recent publication: Standing, Sarah Ann. **"350.org as Localized, Trans-Global Performance."** GPS

(Global Performance Studies)

This peer reviewed academic journal is

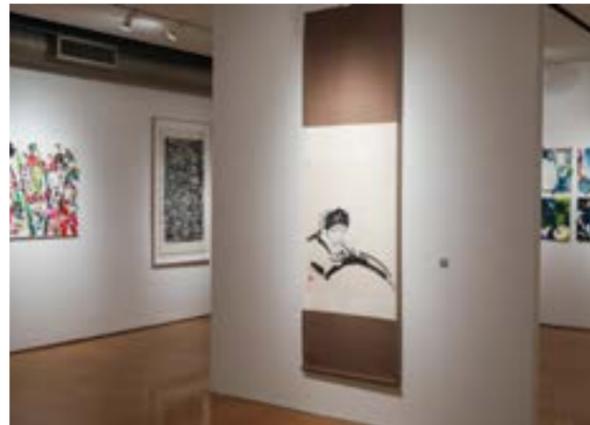


▲ Photo courtesy of 350.org

sponsored by the worldwide conference in the area of performance studies: PSi (Performance Studies international), and is supported by Stanford University, Department of Theatre and Performance Studies; School of the Art Institute of Chicago; U.C.L.A; University of Roehampton, U.K.; University of Melbourne, Australia; Royal Central School of Speech and Drama, University of London; De La Salle University, Manilla, PH.

## ZHIJIAN QIAN

I organized or co-organized a few art exhibitions in 2017-2018. I was the co-curator of "Open Books: A New Dialogue" at the Charles E.



"Blurred Boundaries: Recent Works by Chinese Artists in New York" at New York School of Interior Design Gallery, Feb. 12 - Mar. 2, 2018, curated by Zhijian Qian from Humanities Department

Shain Library at Connecticut College from Nov. 15th, 2017 to Jan. 31st, 2018. The exhibition featured artists from the United States, China, U. K., Canada, Australia, India and South Korea who utilized artists albums and books as a unique format in their artistic creation. I was

Dean Justin Vazquez-Poritz of School of Arts and Sciences at City Tech, CUNY, speaking at the opening of "Modern Expressions of Traditions: China-America Young Artists Exhibition" co-curated by Zhijian Qian from Humanities Department, Feb. 17th, 2018



the curator of "Blurred Boundaries: Recent Works by Chinese Artists in New York" at the New York School of Interior Design Art Gallery, which ran from February 12 to March 2, 2018. The show featured established artists in the Chinese diaspora that included such renowned artists as Zhang Hongtu, Lin Yan and Shen Chen. I was the co-curator of "Modern Expressions of Traditions: China-America Young Artists Exhibition" at Metropolitan Pavilion in New York City from Feb. 15th to 19th, 2018 that featured young artists who worked in a variety of mediums from ink, oil to installation, photography and video.

## DAVID LEE

Aside from national politics, 2017-2018 was a good year. I had two articles published, based on my research into health exhibits at science museums. My findings show how multimedia health information contains implicit instructions for visitors, and it suggests strategies for improving health literacy. One was published

in Health Communication which I consider the top journal in my field. In Fall 2017 I taught the first section of COM 2403 Health Communication, a course I created. I presented at the National Communication Association conference and continued to develop my OER course, COM 3401 Business and Professional Communication. A highlight of the year was being in a writing group with mentor Anahi Viladrach of Queens College and other junior faculty at CUNY, thanks to the Faculty Fellowship Publication Program.

### Journal Articles

- Lee, David Haldane (2018). A Cardiology Exhibit at a Science Museum, Viewed as Speech Acts in Sequence. Health Communication, February 2. DOI: 10.1080/10410236.2018.1432962
- Lee, David Haldane (2017). Mandates of Maternity at a Science Museum, From Should to Must. Qualitative Research in Medicine &



The Cybernetic Human at MOSI

Two Pairs of Lungs at MOSI



Healthcare 2017; volume 1:93-102

### Conference Presentation

- National Communication Association, 103 Annual Convention, Dallas, TX. November 15-19, 2017
- Lee, David "A Vaccination Exhibit is an Illocutionary Enthymeme." Paper presented at panel of Association for the Rhetoric of Science, Technology and Medicine Division, November 16, 2017

### Book Review

- Book reviewer for Oxford University Press (OUP) for the text book Practically Speaking by J. Dan Rothwell.

### Awards and Grants

- Awarded CUNY Faculty Fellowship Publication Program (FFPP), Spring 2018.
- Proposal Title: Identifying Indirect Directives in Multimedia Health Promotion.
- Three credit hours course release to work on writing

Awarded NYS 2017-18 OER Fellowship from City Tech Library.

- Continued to develop Open Educational Resources (OER) for COM 3401 Business and Professional Communication.

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## ZHENG ZHU

This study examines the diverse cultural voices in a multicultural educational setting by focusing on how the different voices meet and negotiate with each other in a classroom where diversity exists, and yet is not equally represented. Grounded on the theoretical foundation of discourse analysis, this study was conducted through interviewing the course instructors, students, and observing their classes. The analysis shows that developing a mutually inclusive cross-cultural dialogue among students can lead to the positive integration of the distinct cultural perspectives. Ultimately, a productive and respectful teaching and learning environment will be fostered and



sustained.

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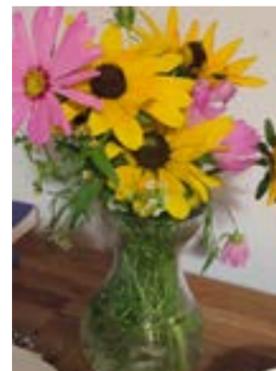
## CHRISTOPHER SWIFT

I grew veggies, flowers, and grapes.

I developed and taught a gender/sexuality themed Play Analysis course. Also an Interdisciplinary Learning Places course (with Nora Almeida - Library) about protest and social justice.

I wrote a poem:

*A scholar of the medieval topic,  
In a cubicle quite microscopic,  
Felt cramped and defeated  
With the new building completed,  
So he switched to Imaging Radiologic.*

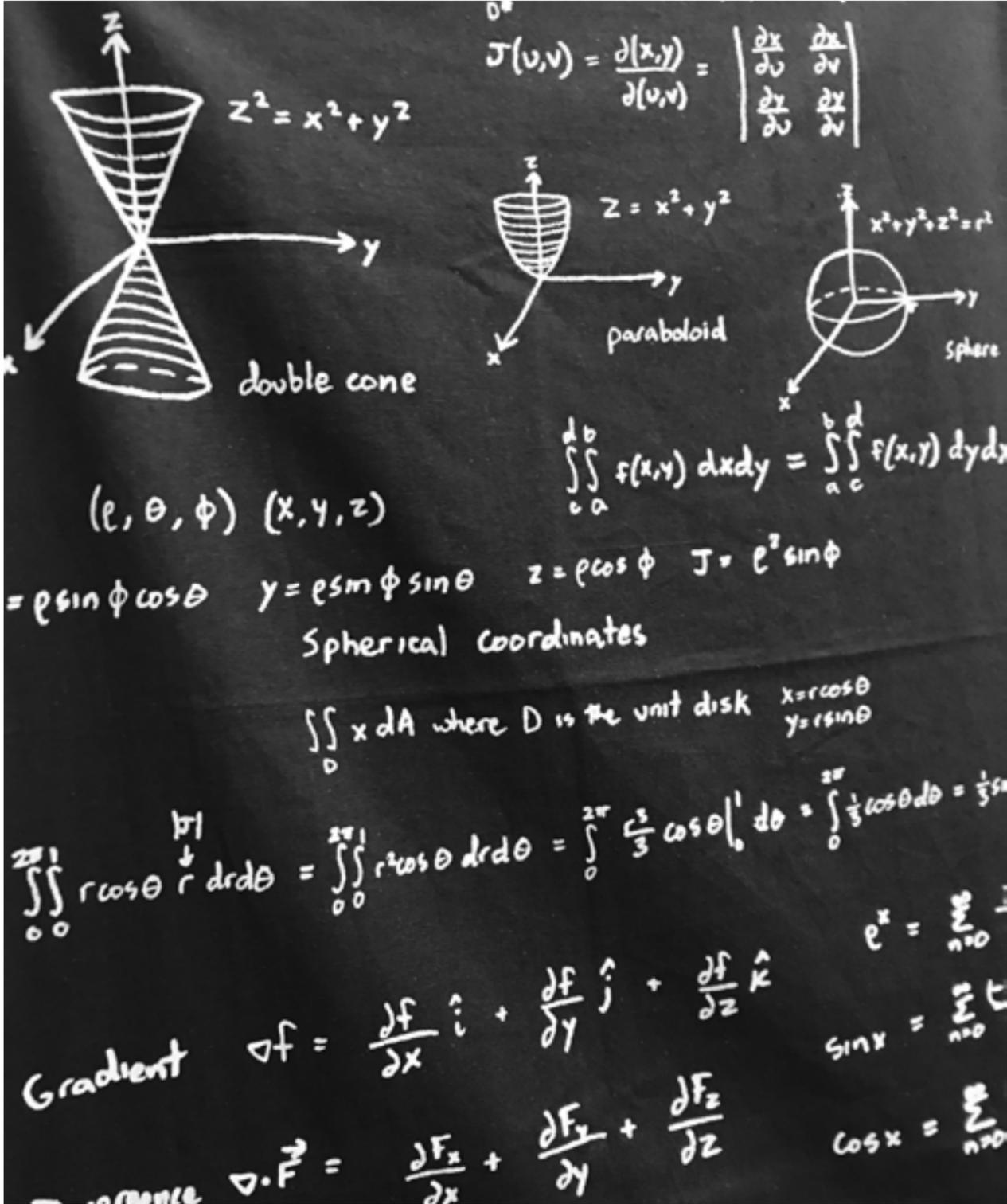


▲ Cosmos and Black-Eyed Susans



Muscat grapes ▲

# MATHEMATICS



## THE MATHEMATICS DEPARTMENT

The Department of Mathematics offers a baccalaureate degree (BS) in Applied Mathematics, a baccalaureate degree (BS) in Mathematics Education, and an associate degree program (AS) in Computer Science. Both the Applied Mathematics and Mathematics Education programs are undergoing review studies. The Applied Mathematics program submitted the self-study review, and the Mathematics Education program submitted the CAEP (Council for the Accreditation of Educator Preparation) accreditation review last year. The Mathematics Education program has obtained the top recognition by the NCTM (National Council of Teachers).

The 2017-2018 academic year has been very productive for faculty scholarship. Mathematics faculty co-authored a large number of publications in peer-reviewed journals, and presented at numerous international and national conferences. They have been also active in organizing department colloquia, seminars, as well organizing seminars at the CUNY Graduate Center and national conferences.

We had an excellent college-wide presentation

“The Glass Universe” by science writer Dava Sobel. Professor Koca gave a talk on “Some existence and uniqueness results for solutions of Eisenstein’s equations”.

The Math Club has been very active and exciting for many students. Several City Tech faculty presented a variety of intriguing topics. For more information about the Math Club please go [here](#)

## LAURA GHEZZI

My research interests are in pure mathematics, in the field of commutative algebra. The past academic year has been very exciting for my work. I published the paper “Invariants of Cohen-Macaulay rings associated to their canonical ideals” in the Journal of Algebra, a top peer reviewed journal in my discipline. I presented my results on “Sally modules” at the American Mathematical Society conference at Northeastern University in Boston in April 2018. I continued co-organizing the Commutative Algebra and Algebraic Geometry Seminar at the CUNY Graduate Center, where I also presented a talk.

A major commitment in the past three years has been serving as the Faculty Development Seminar Co-Director of the Title V institutional



grant Opening Gateways to Completion: Open Digital Pedagogies for Student Success in STEM (U.S. Dept. of Education, \$3.2M 2015-2020). Each year I co-organize an intensive seminar series that engages Mathematics Faculty Fellows in incorporating active learning strategies and open digital pedagogies in gateway mathematics courses for STEM majors.

The **2017-2018 Opening Gateways Seminar site** (which includes the Open Educational Resources developed by the Fellows)

## HUSEYIN YUCE

In the 2017-2018 academic year, I have co-authored the following five peer-review research articles in the field of healthcare data analysis, economics, and outcomes research.

1. Chen, C., Wang, L., Wei, W., Yuce, H., Phillips, K., Burden of rheumatoid arthritis in the US elderly population: comorbidities, healthcare resource utilization, and costs, *Rheumatology Advances in Practice* (2018) 2:1, 1-9. Oxford

University Press.

2. Khandker, R., Black, C., Xie, L., Kariburyo, F., Ambegaonkar, B., Baser, O., Yuce, H., Fillit, H., Analysis of Episodes of Care in Medicare Beneficiaries Newly Diagnosed with Alzheimer's Disease, *Journal of the American Geriatrics Society* (2018), 66:5, 864 – 870, doi:10.1111/jgs.15281. Wiley Press (Impact Factor: 4.388).

3. Steward, R., Carney, P., Law, A., Xie, L., Wang, Y., Yuce, H., Long-term Outcomes after Elective Sterilization Procedures—a Comparative Retrospective Cohort Study of Medicaid Patients, *Contraception*, (2018), 97, 428 – 433. Elsevier Publication (Impact Factor: 2.879).

4. Black, M.C., Fillit, H., Xie, L., Hu, X., Kariburyo, F.M., Ambegaonkar, B.M., Baser, O., Yuce, H., Khandker, R.K., Economic Burden, Mortality, and Institutionalization among Patients Newly Diagnosed with Alzheimer's Disease, *Journal of Alzheimer's Disease* (2018), 61:1, 185-193. IOS Press (Impact Factor: 3.731).

5. Shrestha, S., Miao, R., Wang, L., Chao, J., Yuce, H., Wei, W., Burden of Atopic Dermatitis in the United States: Analysis of Healthcare

Claims Data in the Commercial, Medicare, and Medi-Cal Databases, *Advances in Therapy* (2017), 34:1989-2006. Springer Healthcare Publication (Impact Factor: 2.709).

All of my research is privately funded. I have presented my results in three different conferences: International Society for Pharmacoeconomics and Outcomes Research (ISPOR) 23rd Annual International Meeting, Baltimore, MD, May 19-23, 2018; Academy Managed Care Pharmacy Conference, Boston, MA, April 23-26, 2018; and ISPOR 20th Annual European Congress, Glasgow, Scotland, November 4-8, 2017.

I have been awarded three research grants:

1. SIMR Inc. Grant #71762-00 01 as a PI (2018-2020), Economic Burden of Pulmonary Arterial Hypertension and Effect of Treatment Alternatives on Health Care Costs. Award: \$112,120.

2. SIMR Inc. Grant #71761-00 01 as a PI (2018-2020), Among the Major Cancer Types, Analysis of Treatment Patterns and Outcomes. Award: \$172,452.

3. SIMR Inc. Grant #71760-00 01 as a PI (2018-2020), Treatment Patterns of Patients Diagnosed with Atrial Fibrillation, Coronary Artery Disease, Peripheral Artery Disease, Congestive Heart Failure, and Venous Thromboembolism. Award: \$292,542.

For these projects, I have hired two research associates and two programmers. As part of my scholarly activities, I keep refereeing

research papers and serving in the editorial board of the *Journal of Health Economics and Outcomes Research* (JHEOR).

## CORINA CALINESCU

This past year has been a very exciting one, both professionally and personally. During the Fall semester I took a leave after having a baby girl, and came back full time in Spring 2018.

In my research I study vertex operator algebras and representations of Lie algebras. My work concerns with how those two fields interact with one another. This past academic year I published one paper in a top journal in my field: C. Calinescu, M. Penn, C. Sadowski, Presentations of principal subspaces of higher level standard  $A_2^{(2)}$ -modules, *Algebras and Representation Theory Journal*.

During the academic year 2017-2018 my research has been supported by a five year Simons Foundation research grant for mathematicians, as well as a PSC CUNY Traditional A grant from the Research Foundation of CUNY.

I was one of the three plenary speakers at the Young Mathematicians Conference at the Ohio State University, Columbus, OH, where I gave a talk on Algebraic and Combinatorial Aspects of Vertex Operator Algebras. In Spring 2018 I was invited to give a talk at the New York Combinatorics Seminar at the Graduate Center, CUNY.

During the Summer 2018 I enjoyed mentoring one student under the CUNY Research Program.

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### KATE POIRIER

My research focuses on algebraic and geometric topology and involves a lot of combinatorics. Together with my colleague, Thomas Tradler, I have published two papers in the past year: “The combinatorics of directed planar trees,” in the Journal of Combinatorial Theory, Series A, and “Koszuality of the  $V^{(d)}$  dioperad” in the Journal of Homotopy and Related Structures. I look forward to continuing this fruitful collaboration.

In the spring, I visited the American Institute of Mathematics with my collaborators Irina Bobkova, Eva Höning, Ayelet Lindenstrauss, Birgit Richter, and Inna Zakharevich. This was our third visit to AIM as part of the AIM SQuaREs program and we are putting the finishing touches on our preprint, “Splittings and calculational techniques for higher topological Hochschild homology.”

I was the opening speaker for the 12th annual CityTech Research Conference in the spring and I presented at the International Conference on Manifolds, Groups and Homotopy on the Isle of Skye in Scotland in the summer. I also served on the review panel for PSC-CUNY grants in math.

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### NADIA STOYANOVA KENNEDY

My research and scholarship are focused on dialogic mathematics teaching, mathematics teacher education, and the synergy between mathematical and philosophical inquiry and its application in the schools and in teacher training.

In the past academic year I contributed a chapter to the anthology Philosophy of Mathematics Education Today, published by Springer. I have also co-authored two textbooks IB Mathematics: Applications and interpretation, Standard Level and IB Mathematics: Applications and interpretation, Higher Level, and enhanced online course book packs, published by Oxford University Press, forthcoming.

I also made five presentations at four international conferences: the 42nd conference of International Group for the Psychology of Mathematics Education in Umea, Sweden; the 2018 AERA (American Educational Research Association) Annual Meeting in New York; the 18th International ICPIE Conference, Madrid, Spain, the Biennial Conference of NAACI (North American Association of Community of Inquiry) in Puebla, Mexico.

At a local level, I presented at the 2018 Metro MAA conference, and was a panel chair at the 2018 CUNY Research Summit on Creativity, at Hostos Community College.

I mentored several mathematics education

student internships as part of the NSF NOYCE Explorers, Scholars, Teachers grant, and I developed a curriculum map for prospective and current mathematics education students as part of the CUNY funded project “Wayfinder,” directed by Dr. Julia Jordan.

I continue to coordinate on campus the NYC Men Teach Program, a CUNY-wide initiative funded by the NYC DOE and the NYC Mayor DeBlasio, to improve educational outcomes for young Black and Latino men participating in teacher education programs. The program has been growing, and we currently have 25 program fellows, whom we support until their graduation and teaching certification.

Finally, I was one of the college team leaders for the preparation of the self-study for NYCCT accreditation by CAEP (Council for the Accreditation of Educator Preparation) as a teacher education provider, and I organized the CAEP site visit in May.

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### SATYANAND SINGH

This past academic year I have continued to make significant contributions to the mathematics community as a reviewer for the American Mathematical Society. I also reviewed PSC-CUNY Grants for the Traditional A and B awards on the Mathematics Panel.

I have received two significant appointments. I serve as the Vice Chair of the Belle Zeller Scholarship fund, which awards merit-based scholarships to talented CUNY students and is

the Chair Elect of the MAA Metro NY Section (2018-2021).

I have mentored several City Tech students (who were funded by the emerging-scholars program). I also worked on several grants; in particular, I supervise the mathematics department component of the Perkins grant that is successful in providing critical help to our students in all levels of mathematics courses.

I served as a Judge at the Greater New York Math Fair on April 2018 at Brooklyn Tech and as an evaluator of the AMATYC Student Research League THESES in May 2018.

I had the opportunity to work with several distinguished colleagues in an interdisciplinary grant and some of our work is reflected in **Nucleus Volume 9**, Winter 2018, pp. 12-13.

I was also a panelist with Sandra Cheng, Anne Leonhardt and Peter Spellane at the **2nd Annual City Tech Science Fiction Symposium** on December 6th, 2017.

Presented and discussed “An Epic Entanglement in the Glorious World of Science Fiction. Panel discussion about NEH funded “Cultural History of Digital Technology”.

I actively do research and have presented my work at several conferences, most recently at the international New York Number Theory Seminar, Twelfth Annual workshop on Combinatorial and Additive Number Theory in May of 2018 at the CUNY Graduate Center.

Two of my papers were accepted for publication and will appear shortly. My teaching encompasses a wide range of courses and my dynamic and successful student centric efforts has continued to pay dividends.

I am one of the faculty advisors of the City Tech SIAM (Society of Industrial and Applied Mathematics) student chapter. I am proud of our students' accomplishment. I coached one of City Tech's team (Jeffry Jimenez, Christopher White and Kelvin Hui) that participated in SCUDEM 2018 Differential Equations and Math Modeling Competition at Columbia University, April 21st, 2018. Johann Thiel coached another team. Both teams were sponsored by the SIAM student chapter of City Tech. Our team placed fourth.

### BOYAN KOSTADINOV

I participated in a summer research program at the American Institute of Mathematics (AIM), June 11-15, 2018, San Jose, CA. I was a part of a 6-member research team from across the US, working on the Mathematics of Mechanical Puzzles, which was organized and financially supported by AIM. I was a part of the subgroup that worked on the Lights Out! game and its variants, both theoretically and computationally. Based on the work that we did in June 2018, the American Institute of Mathematics is promising to financially support a short meeting of our research team in Winter 2019, and another week-long research meeting in summer 2019, which would serve as a continuation of our 2018 summer research program.

I implemented in R algorithms for solving the Lights Out! game, and I visualized the solutions to games of all lights on. Below is the solution for the 150 by 150 board size.

### JANET LIOU-MARK

Janet Liou-Mark was the 2017-2018 Scholar on Campus. She has published a book chapter with Reginald Blake (Physics) titled, "Cyclonic Pedagogy: Learning Interdisciplinary Lessons from a Hybrid Storm" in Reneta D. Lansiquot's (English) and Sean McDonald's (Social Science) (eds.) book, *Interdisciplinary place-based learning in urban education: Exploring virtual worlds*. She also has two peer reviewed journal articles published.



The first one is titled, "The Peer-led Team Learning Leadership Program for First Year Minority Science, Technology, Engineering, and Mathematics Students" in the *Journal of Peer Learning* with Urmi Ghosh-Dastidar (Mathematics), Diana Samaroo (Chemistry), and Melanie Villatoro (CMCE) as co-authors. The second one is titled "Bridging Non-Geoscience STEM Majors to the Geoscience Workforce," and it was published in the *Bulletin of the American Meteorological Society* with Reginald Blake, Hamidreza Norouzi (CMCE), Viviana Vladutescu (ETET), Laura Yuen-Lau, and Malika Ikramova (November 2017). She is the co-PI on several grants, and her professional scholarship revolves around the dissemination of the projects.

As the co-PI of a National Science Foundation (NSF) Improving Undergraduate STEM Education (IUSE) GEOPATH grant (#1540721), Janet Liou-Mark had presented with the project team members (R. Blake, H. Norouzi, V. Vladutescu, and L. Yuen-Lau) the project's outcomes in training non-geoscience STEM students to replenish the geoscience workforce at the Geological Society of America, Seattle, WA (October 2017) and at the American Geophysical Union Fall Meeting in New Orleans, LA (December 2017). Both abstracts were

selected as an oral presentation. She had co-published the conference proceedings and presented (with R. Blake, H. Norouzi, and L. Yuen-Lau) "Remote Sensing Undergraduate Research Internship in a Geoscience Workforce Program for Underrepresented STEM Students" at the Geoscience and Remote Sensing Symposium (IGARSS), 2018 IEEE International in Valencia, Spain (July 2018).

As the co-PI on an NSF Research Experiences for Undergraduates (REU) grant (#1560050), Janet Liou-Mark was awarded a supplement grant with R. Blake to provide an additional three underrepresented minorities in STEM a research opportunity making the total number to 16 students. A poster on an intrusive research mentoring program was presented at the 98th Annual Meeting of the American Meteorological Society, 27th Symposium on Education in Austin, TX (January, 2018). As the co-PI on a Department of Education (DOE) Minority Science and Engineering Improvement Program (MSEIP), Janet Liou-Mark co-presented with the project team (S. Han, P. Brown, B. Kostadinov, and J. Thiel) "Bridging Pathways: Strategies to Engage Low Income Students in Computer Science" at the Minority Serving Community Colleges: Celebrating Student Success Convening at



Washington, DC. (November 2017). As a co-PI on the CUNY's Accelerated Study in Associate Programs (ASAP) STEM Faculty Development Grant with Chen Xu (CET), Ohbong Kwon (CET), and Juanita But (English), PLTL workshops were set up for EMT 1150. A conference proceeding and an oral presentation were accepted and presented, respectively, in the American Society for Engineering Education Mid-Atlantic Section Spring Conference in Washington, DC. (April 2018) with co-authors C. Yu, O. Kwon, Robert Ostrom (English), J. But, and Benito Mendoza (CET). As the Peer-Led Team Learning (PLTL) Director for Mathematics at City Tech, Janet Liou-Mark was invited again to conduct a PLTL workshop at Mercy College in Dobbs Ferry, NY (August 2018).

She was also invited to present the PLTL model at one of the CUNY Black Male Initiative Meeting (February 2018). A conference proceeding and an oral presentation were accepted and presented, respectively, on "The

Effects of Peer-led Workshops in a Statics Course" in the American Society for Engineering Education Mid-Atlantic Section Spring Conference in Washington, DC. (April 2018) with co-authors M. Villatoro and K. Peña. At the same conference, the conference proceeding "Mentoring Minority STEM Majors through a Peer Leadership Program" with D. Samaroo and M. Villatoro, was accepted and presented as a poster presentation. Janet Liou-Mark also made an oral presentation on "Peer Led Team Learning Spells Success in Mathematics Gateway Courses for Minorities" with Masato Nakamura (MET) at John Gardner's Annual Gateway Course Experience Conference in Houston, TX (March 2018). She and G. Chen made an oral presentation on "Exploring the Gender Effects of a Mathematics Preparatory Workshop on Student Learning" at the annual meeting of the Metropolitan New York Section of the Mathematical Association of America (MAA) at Hofstra University, Long Island, NY (May 2018). Janet Liou-Mark was also invited

to conduct a workshop on "Strategies for Success: Learn about Learning" at the Xining Learning Center in Qinghai, China.

As Chair-elect for the Metropolitan New York Section of the MAA, she was on the organizing committee for the annual meeting at Hofstra University (April 2018). She now assumes the position of Chair for the Section (2018-2021). Janet Liou-Mark was also a co-chair (with R. Blake) in the session on Partnerships for Promoting Diversity in Earth System Science at the 98th Annual Meeting of the AMS. Janet Liou-Mark served as a journal reviewer for the Bulletin of the American Meteorological Society (July 2018).

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## HANS SCHOUTENS

I was on sabbatical in the 2017 calendar year, when I was a visiting professor at the University of Leuven (Belgium) during the spring and where I taught a master course in commutative algebra. The remaining time of my sabbatical, I devoted on several research projects, such as total blowing ups along a valuation (including a reading course with my PhD student G-B. Pignatti), Hochster's small MCM conjecture (including a project using techniques from derived categories with my PhD student K. Cha), Bernstein algebras, the study of non-standard polynomials, etc. Most of this material will be published in the near future.

Recent publications:

(1) (with Russell Miller, Bjorn Poonen, Alexandra

Shlapentokh) A computable functor from graphs to fields, *J. Symb. Log.* 83 (2018), no. 1, 326–348.

(2) (with Bruce Olberding, William Heinzer, Matt Toeniskotter and Alan Loper) Ideal theory of infinite directed unions of local quadratic transforms, *Journal of Algebra* 474, 213-239 (online 2017).

Some of the talks I presented last year:

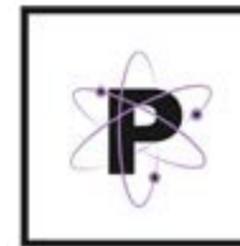
(1) Regional AMS meeting, special session on 'Special Session on Multiplicative Ideal Theory and Factorization' at Columbus (OH, 2018), Singular valuations, ideal chains and arrangements.

(2) Regional AMS meeting, special session on 'Homological Commutative Algebra' at Boston (MA, 2018), Ordinal length and local cohomology.

(3) CUNY Logic Workshop (NY, NY 2017), The model theory of (non-standard) polynomials.



# PHYSICS



## THE PHYSICS DEPARTMENT

During the academic year 2017-2018 the members of the Physics Department continued their research activities in the fields of Astrophysics, Condensed Matter, High Energy Physics, and Photonics. They co-authored more than 20 publications in peer-reviewed journals. The results of their work were presented at numerous international and national conferences and invited seminars in different universities and colleges.

The Center for Theoretical Physics (CTP) continued its traditional seminar series by organizing 12 events. The invited speakers discussed topics in solid state physics, particle physics, and machine learning. The speakers included two former members of the Physics Department: Dr. Andrii Iurov, from the University of New Mexico, who gave a talk on "Temperature-dependent collective effects in low-dimensional Dirac materials", and Professor Manas Kulkarni, from ICTS-TIFR, Bangalore, India, who gave a talk on "Out-of-equilibrium incommensurate lattice models".

The Bachelor of Science in Applied Computational Physics (ACP), which was opened to enrollment in the Spring semester of

2017, completed its first year of activities with an enrollment of about 20 students. Some of the new courses specifically developed for the major have been offered for the first time during the academic year 2017-18, in particular, PHYS 2607 "Introduction to Quantum Mechanics" and PHYS 3600 ID "Machine Learning for Physics and Astronomy". The enrollment in the new courses was very good, thanks to the fact that they also attracted students from other disciplines, in particular engineering, computer science, and chemistry programs. More exciting courses will be offered in the forthcoming semester, as the ACP program will further expand.

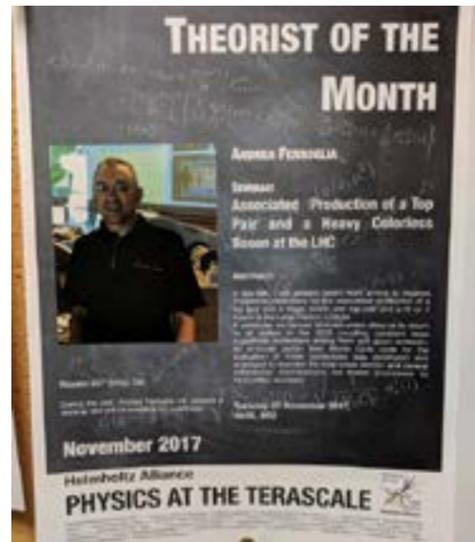
In July 2018 the Physics Department elected a new chairperson; Professor German Kolmakov succeeded Professor Roman Kezerashvili who led with success the Department for 12 years. The Department wishes to thank Professor Kezerashvili for his work, energy, and dedication during his tenure as a chairperson.

The academic year closed with a excellent news: In June 2018 Professor Reggie Blake received the Presidential Award for Excellence in Science, Mathematics and Engineering Mentoring at the White House!

Professor Ferrogli was "Theorist of the Month" at DESY Hamburg in November 2017

## ANDREA FERROGLIA

During the Fall 2017, semester, Professor Ferrogli was on Fellowship Leave. He spent five weeks at the Albert Einstein Center for Fundamental Physics at the University of Bern, where he worked on Soft-Collinear Effective Theory, a calculational technique relevant for precision calculations related to the proton-proton scattering processes studied at the Large Hadron Collider. In September, Professor Ferrogli was an invited speaker at the 10th International Workshop on Top Quark Physics which took place in Braga, Portugal. At the workshop, he presented his work on the associated production of a top quark pair and a Higgs boson, W boson or Z boson. In addition, the conference organizers asked Professor Ferrogli to moderate a Q&A session reserved to graduate students attending the conference. In November, Professor Ferrogli gave invited one-hour long presentations of his research on top-quark physics at Siegen University (Germany), DESY Hamburg (Germany), University of Genoa (Italy) and Sapienza University of Rome (Italy). He was also invited to spend a few days at DESY Hamburg on occasion of his seminar presentation and was named DESY Hamburg's "Theorist of the Month" for November 2017. Subsequently, Professor Ferrogli was invited to spend three weeks at the New York University Abu Dhabi Campus, where he gave two lectures on the "Renormalization Group" to an audience of mathematicians in addition to a seminar on his research work attended by an audience of physicists.



Professor Ferrogli continued his research work on the production of top quark pairs at the Large Hadron Collider and published two papers in refereed journals on the subject. One of the projects was carried out in collaboration with Professor Fiolhais, a physics professor at BMCC. Professor Ferrogli and collaborators also published a third paper, related to precision calculations for bottom-quark semileptonic decays.

Publications:

R. Bonciani, A. Broggio, L. Cieri and A. Ferrogli, "Master Integrals for double real radiation emission in heavy-to-light quark decay", Eur. Phys. J. C 78, no. 8, 674 (2018).

A M. Czakon, A. Ferrogli, D. Heymes, A. Mitov, B. D. Pecjak, D. J. Scott, X. Wang and L. L. Yang, "Resummation for (boosted) top-quark pair production at NNLO+NNLL' in QCD", JHEP 1805, 149 (2018).

A. Broggio, A. Ferrogli, M. C. N. Fiolhais and A. Onofre, "Pseudoscalar couplings in  $t\bar{t}$  production at NLO+NLL accuracy, Phys. Rev. D 96, no. 7, 073005 (2017).

## VLADIMIR BOYKO

Professor Vladimir Boyko research interests are mostly in the solid-state physics, theoretical and experimental investigations in the field of the physics of strength and plasticity, materials science.

The group of Professor Chan in Columbia University performed intensive experimental investigations of the twinning in the high-temperature superconductor YBa<sub>2</sub>Cu<sub>3</sub>O<sub>7-d</sub>. In our publication, the sequence of steps to perform twin nanostructure design in the high-temperature superconductors with nanoparticle addition for high trapped magnetic field and enhanced critical current density is formulated.

Publication:

V.S. Boyko, Siu-Wai Chan, "Twin microstructure design in the high-temperature superconductor YBa<sub>2</sub>Cu<sub>3</sub>O<sub>7-d</sub> with nanoparticles addition for enhanced  $J_c$ ", Superconductor Science and Technology 30, 115013 (2017).

## GIOVANNI OSSOLA

During the academic year 2017-18, Prof.

Ossola continued to work on various research topics related with theoretical predictions in high-energy particle collisions.

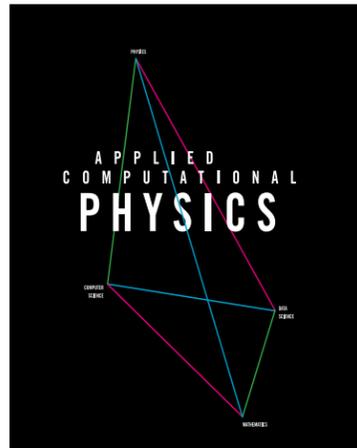
The main focus of his research work was directed towards a better understanding of the rich mathematical structure of scattering amplitudes, which are the building blocks of any theoretical prediction in particle theory. In collaboration with the graduate student Ray D. Sameshima, we studied the connections between the mathematical techniques offered by algebraic geometry and the structure of the multi-loop Feynman integrals that appear in theoretical physics. We also studied the most commonly used criteria for the selection of Master Integrals within higher order calculations. One of the aims of the project is to recast the known Lee-Pomeransky and Baikov criteria within the language of integrand reduction. This project is performed in collaboration with Pierpaolo Mastrolia and his student Luca Mattiazzi at the University of Padova, Italy.

In collaboration with A. Ferrogli, A. Broggio, and N. Greiner, we worked at the implementation of a modified version of GoSam framework for one-loop calculation for the evaluation of the NLO hard functions which are needed to carry out the resummation of soft gluon emission effects. Such new version will be available in a future public release of the GoSam code.

Part of these results have been summarized in the conference proceedings "Recent Developments in Higher-Order Calculations: Hard Functions at NLO with GOSAM", PoS

EPS-HEP2017 (2017) 392.

Prof. Ossola is currently serving as Program Coordinator for the new Bachelor of Science in Applied Computational Physics, that was opened at City Tech with the beginning of the Fall 2017 semester.



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## ROMAN KEZERASHVILI

Professor Kezerashvili's research is spanning across multiple areas of physics - the Theory of Condensed Matter Physics, Theoretical Nuclear Physics and Astrodynamics of Solar Sailing. During the academic year of September 2017 through September 2018 he published a book on laboratory work, an article as a solo author and 9 articles in collaboration with his colleagues. His work is published in the major physics journals: The Physical Review A, The Physical Review B, Physics Letter A, Journal of Physics B: Atomic & Molecular Physics, Journal of Physics: Condensed Matter, Few Body

System, Nanotechnology, International Journal of Modern Physics B, and Acta Astronautica.

Aside from publishing research in print, being also a passionate lecturer, he was a presenter at 8 International Conferences: Nano and Giga Challenges in Photonics, Tomsk, Russia, September 2017 (invited review and contributed talks), IAC 2017, Adelaide, American Physical Society March Meeting, Los Angeles, American Physical Society April Meeting, Columbus, the 3rd International Conference on Physics of 2D Crystals, Malta, 2018, The 22nd International Conference on Few-Body Problems in Physics, Caen, France, IAC 2018, Bremen, Germany. Recently Prof. Kezerashvili gave series of lectures on solar sailing in Samara Research Airspace University, Russia, and was also invited to present seminars at Tomsk State University, Russia and Queens College, CUNY.

As a service to scientific committee Prof. Kezerashvili chaired numerous sessions at International Conferences, reviewed over 20 research articles for different journals, organized and chaired the 15th City Tech Poster Session. Prof. Kezerashvili was bestowed the Citation Award by the Office of President of the Borough of Brooklyn (2017) and Albert Nelson Marquis Lifetime Achievement Award (2018).



Roman Kezerashvili

# SOCIAL SCIENCE



## THE SOCIAL SCIENCE DEPARTMENT

Over the past year, the faculty of the Department of Social Science have continued to be active in their respective academic fields by

publishing a number of books, journal articles and book chapters. They have also shared their research with colleagues at numerous national and international conferences.

Beyond their contributions to scholarship, the faculty of the Department of Social Science have devoted themselves to excellence in teaching by creating a number of new courses and offering an ever increasing number of interdisciplinary classes.

The Department of Social Science is also in the process of proposing a Bachelor of Science degree in Data Analytics/Economics. Data analytics is an applied field of study which is in strong demand and in which an expertise in the field of Economics is sought across many industries.

Our faculty's work continues to further the Department of Social Science's mission, which is to stimulate intellectual curiosity and critical thinking skills by studying the social scientist's

view of problems which confront the individual, the community, the nation and the world.

### ROMANA S. AKRAM

Over the last year, I have been involved in management of International Biennial Symposium in collaboration with University of Guadalajara, Mexico and CUNY Brooklyn College. Furthermore, I, with my co-editors, edited the 'Mind-reading Brains' book in alliance with Springer. I have been in close communication with our authors from UK, France, Italy, and various states of US.

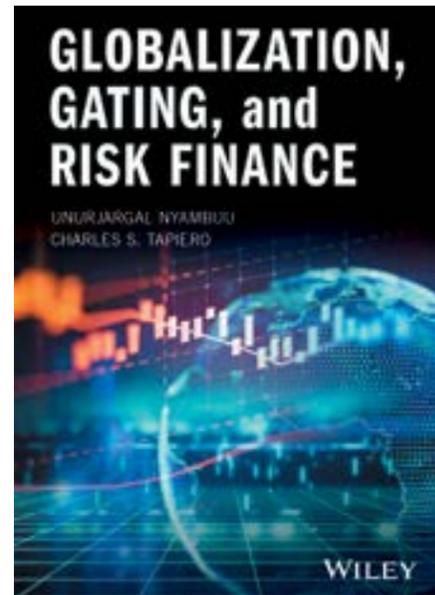
Our book is in final stages and we expect to produce an esteemed collection of notions of mind-reading from biological, psychological, computational, anthropological, and philosophical perspective. Further, I continued a vital project with PACE University. The focus of the project was on 'Educational Empowerment of Pakistani-American Community'. We conducted focus groups, surveys, and in-depth interviews. We were able to apply our findings in the form of educational workshops for the community's attitudinal change.

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## UNURJARGAL NYAMBUU

Although my research agenda is quite full, important milestones have been reached. Specifically, my book, entitled “Globalization, Gating, and Risk Finance,” was published by John Wiley & Sons in 2018. This book was co-authored with Prof. C. Tapiero, who holds the Topfer Chair in the Finance and Risk Engineering Department, Tandon School of Engineering, New York University (NYU). The book introduces many facets of global finance, emphasizing some of its essential concerns and elements. It discusses the compound problems that geopolitics and macroeconomics impose on modern financial theory and on society in general.

I am the sole author of several peer-reviewed publications including a research paper on “Self-serving Altruistic Behavior and Its Implications for Consumption, Trade, and Foreign Exchange Rates” published by Risk and Decision Analysis, a book chapter on “Financing Sustainable Growth through Energy Exports and Implications for Human Capital Investment” published in Inequality and Finance in Macrodynamics by Springer, and an article on “Mineral Resources: A Financial Trap for Developing Economies?” published by Global-e, 21st Century Global Dynamics. In addition, a book chapter on “The Challenges in the Transition from Fossil Fuel to Renewable Energy” co-authored with Prof. W. Semmler was published in Industry 4.0 Entrepreneurship and Structural Change in the New Digital Landscape by Springer. Also, I delivered a talk on



► Wiley Book on Globalization, Gating, and Risk Finance by Unurjargal Nyambuu

“Globalization and Collateralized Resources: Implications for Foreign Trade in the Context of Modern Technology” at the 17th International Business and Economy Conference (IBEC) in January 2018 in San Francisco.

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## D. ROBERT MACDOUGALL

Prof. MacDougall, with coauthors, published a target article in the American Journal of Bioethics entitled “Ethical dilemmas in protecting susceptible subpopulations from environmental health risks: Liberty, utility, fairness, and accountability for reasonableness.” The target article received 11 commentaries, and the authors responded to the commentaries in a subsequent article. The American Journal of Bioethics is consistently rated as among the top 5 bioethics journals by impact factor.

Prof. MacDougall also presented at both the American Society for Bioethics and Humanities (October 2017) and the Canadian Bioethics

Society (May 2018). He was offered and signed a book contract with Lexington Books (Rowman and Littlefield) for his book manuscript, Righting Health Policy: How Kant Shows Us Why Bioethics Needs Political Philosophy in Spring, 2018. Prof. MacDougall was awarded a CUNY Book Completion Award for this manuscript in 2017, and was one of ten winners from 117 entries CUNY-wide. Professor MacDougall began organizing the New York City Early Career Ethicists Workshop in Spring 2018. This is a workshop comprised of early career philosophers from around the NYC greater area working in ethics. They meet at City Tech to discuss a member paper about once a month during the academic year.

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## DESPINA LALAKI

During the academic year 2017-18 I was able to complete a number of scholarly publications and a series of op-ed pieces, interviews and articles addressing a broader Anglophone and Greek speaking non-academic audience. More specifically I published in the peer-reviewed international journal Histoire@Politique. Politique, Culture, Société, Revue du Centre d’Histoire de Sciences Po the results of an archival-based research project [1]. In the paper – “The Cultural Cold War and the New Women of Power. Making a Case based on the Fulbright and Ford Foundations in Greece” – I build on history to amplify the sociological argument that it is through the culture-production sector that women have been able to connect with the higher reaches of the stratification system and to accumulate and exercise power. By doing so

in my article I challenge the emerging profile of the cultural cold warrior as another patriarchal structure.

In “From Plato to NATO. 2,500 Years of Democracy and the End of History,” another peer-reviewed article I published in The AHIF Policy Journal, I unpack and problematize a series of symbolisms employed to illustrate and operationalize the relationship between Greece and the United States and I raise a number of questions touching upon the relationship between history and political imagination [2]. I was also happy to accept the invitation by the Journal of Modern Greek Studies to review Dimitris Plantzos’s Recent Futures. Classical Antiquity and Modern Greek Biopolitics (in Greek) – a book closely related to my research interests that I found useful and enjoyed reading [3].

This past academic year I had the honor of becoming a member of the editorial team of



► Cold warriors : propagande, culture et guerre froide, Histoire@Politique. Politique, Culture, Société, Revue du Centre d’Histoire de Sciences Po, n.35, Mai – Août 2018 (<https://www.histoire-politique.fr>)

Marginalia – Σημειώσεις στο Περιθώριο – a new monthly online journal focusing on books, culture and politics, www.marginalia.gr – where, among other media, I published a number of articles, book reviews and interviews, including one with Enzo Traverso and another with Dan Georgakas [4]. Recently I was also invited to become a member of the Editorial Collective of Situations: Journal of the Radical Imagination.

In additions to my regular teaching load at The New York City College of Technology I had the opportunity to design two new advanced courses on “Social Movements” and on “Science, Identity and Nationalism,” which I taught at Baruch College and one entitled “Western Civilization and the Archaeology of the Greek State,” which I taught for McGill University Summer Studies in Greece program.

Furthermore, with the help of two different grants – Eastern Sociological Society, Travel Grant and PSC/CUNY Adjunct/CET Professional Development Fund Grant – I was able to present a paper entitled “Historical Sociology and The Longue Durée of the Greek Crisis” at the annual conference of the Eastern Sociological Society in Philadelphia and travel to Greece, where I continue my research for my book project entitled “Digging for Democracy in Greece. Intra-Civilizational Processes During the American Century.”

[1] “The Cultural Cold War and the New Women of Power. Making a Cased Based on the Fulbright and Ford Foundation in Greece,”

Histoire@Politique. Politique, Culture, Société, Revue du Centre d’Histoire de Sciences Po, n.35, Mai – Août 2018.

[2] **“From Plato to NATO. 2,500 Years of Democracy and The End of History.”** The AHIF Policy Journal. Vol. 8, Spring 2017.

[3] Dimitris Plantzos. Recent Futures. Classical Antiquity and Modern Greek Biopolitics. Athens: Nefeli Publishing, 2016, pp.231. Journal of Modern Greek Studies, Vol. 36, n.2, October 2018.

[4] **“Civilization, again!”** ThePressProject, August 18, 2018 (also in Greek).

“Black Detroit: The Worst Nightmare of the American Establishment,” Interview with Dan Georgakas in Marginalia-Σημειώσεις στο Περιθώριο, www.marginalia.gr, no.4, May 2018 (also in Greek).

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“Culture, Civil Society and the Ideologism of the NGOs,” Marginalia-Σημειώσεις στο Περιθώριο, www.marginalia.gr, no2, February 2018 (in Greek).

“Enzo Traverso: Neoliberalism is the

Totalitarianism of Our Times,” Interview with Enzo Traverso in Marginalia-Σημειώσεις στο Περιθώριο, www.marginalia.gr, no1, January 2018 (also in Greek).

Giles Scott-Smith, The Politics of Apolitical Culture: The Congress of Cultural Freedom and the Political Economy of American Hegemony 1945-1955. London and New York: Routledge, 2001, pp. 233. Marginalia-Σημειώσεις στο Περιθώριο, www.marginalia.gr, n.1, January 2018 (also published in Greek).

Helena Sheehan. The Syriza Wave: Surging and Crashing with the Greek Left. New York: Monthly Review Press, 2016, pp. 247. International Socialist Review, Winter 2017-2018.

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## JULIE PELLMAN

Below are my presentations from March 2017-May, 2018. Please note that I was also named a Distinguished Fellow of the New York State Psychological Association and am currently the secretary for the Academic Division of the New York State Psychological Association. I am past secretary of the Division of Women’s Issues of the New York State Psychological Association.

I also completed the following degree: M.A. Conservation Biology, Miami University – Oxford, Ohio, May, 2017, Wildlife Conservation Society 2014 Cohort

Julie Pellman, Ph.D, Department of Social

Science, Psychology

Pellman, J. (2018). Participatory Education, Inquiry, Service Learning, and Community-Based Participatory Research. Presented at the 31st Teaching of Psychology Conference, Farmingdale, New York, May 4, 2018.

Pellman, J. (2018). Green Practices in the CAMBA Respite Bed Program. Presented at The 2018 Annual Meeting of the Eastern Psychological Association, Philadelphia, Pennsylvania, March 3, 2018.

Pellman, J. (2017). Guyana and Community-Based Conservation. Presented at the International Council of Psychologists 75th Annual Convention, New York, New York, June 30, 2017.

Luis, C., Bourassa, L., Castillo, T., Gridley, H., Guerin, P., Neha, T., Pellman, J., Schmidt, H., Thomas, D. (2017). Exploring Collaborative Initiatives Around Indigenous Topics. Presented at The 16th Biennial Conference of the Society for Community Research and Action, Ottawa, Canada, June 21, 2017.

Schlehofer, M., Pellman, J., & Whitson, M. (2017). Social Justice and Advocacy in the 2016 Post-Election Climate. Presented at The 2017 Annual Meeting of the Eastern Psychological Association, Boston, Massachusetts, March 18, 2017.

Paper presented  
on C-Span for  
the American  
Historical  
Association.



## GULGUN BAYAZ OZTURK

In past academic year, I have published two papers in line with my broader research agenda which focuses on economic issues related to vulnerable populations. First, my invited book chapter which is a collaborative study with Professors Hauser at Goethe University, Burkhauser at Cornell and also a member Economic Advisors of the current administration, and Couch at the University of Connecticut got published in the Gert Wagner Festschrift volume titled "Innovation und Wissenstransfer in der empirischen Sozial- und Verhaltensforschung (Innovation and Knowledge transfer in the Social and Behavioral Sciences)". This book is prepared in honor of Prof. Gert G. Wagner, a renowned German scholar, to celebrate his 65th in 2018.

My second paper titled "Anti-Poverty Effects of In-Kind Transfers among Divorced or Separated Women in the United States" analyzed the effects of increased welfare spending during the Great Recession on the economically vulnerable population of divorced/separated women. It recently got published in Poverty & Public Policy.

## STEPHANIE BOYLE

2017-2018 was a very active year in terms of research and teaching. "Egypt in WWI," which discusses the relationship between the Egyptian national revolution in 1919 and WWI was

accepted in the Fall of 2017 for the edited volume Times of Uprou (Winter 2019 release). My article on Egyptian Film during the 1950s was also accepted for publication in an anthology about Egyptian film representations.

I also earned a PSC-CUNY grant to complete work on a manuscript project. Finally, I appeared on **CSPAN for the 50th anniversary of 1968** and presented a paper at the American Historical Association annual meeting. The paper was featured in Perspectives (the American Historical Association's Bulletin) as well as the Washington Post.

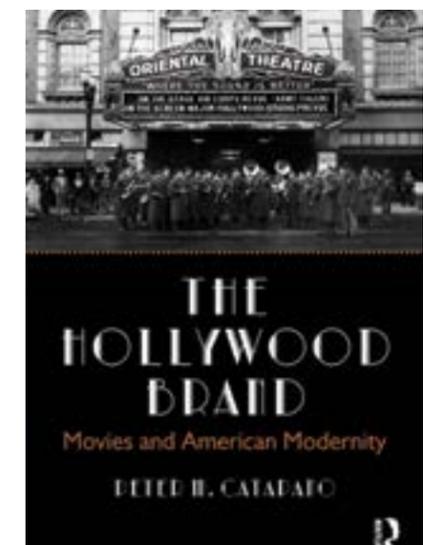
## SEAN P MACDONALD

Prof. S. MacDonald has most recently published "Could an Alternative Policy Design Have Produced a Stronger Mortgage Modification Outcome for HAMP?" (New York Economic Review, 2018, Vol. 49), an article that examines the challenges and shortcomings of the Home Affordable Modification Program, which was established in the wake of the 2008-09 financial crisis and recession with the goal of enabling struggling homeowners to refinance their home loans.

Prof. MacDonald has also collaborated with other economics faculty – Drs. Bayaz-Ozturk, Nyambuu and Hannum - in the development of a proposed new bachelor of science degree program in Data Analytics/Economics. The proposal was approved by Social Science Department faculty in November 2018.

## PETER CATAPANO

I've continued my professional work in the interdisciplinary fields of American cultural history and film studies. My book, *The Hollywood Brand: Movies and American Modernity* was published by Routledge in February 2018. The book traces the development of the moving pictures from its humble roots as an object of mass amusement to its transformation into an art form worthy of exhibition in museums and academic study in leading universities. The book provides historical context to the ideas that coalesce to create the iconic Hollywood brand that comes to define American identity. During the summer, my book review of Stephen Gundle's *Mussolini's Dream Factory: Film Stardom in Fascist Italy* appeared in the journal *Film & History*.



Front cover,  
*The Hollywood Brand: Movies  
and American Modernity* by  
Peter M. Catapano

# FROM THE NEWS FORUM

“Originally posted at OpenLab”

## OE GLOBAL

The Open Education Global 2018 conference was held in **Delft, Netherlands April 24-26** at the Technical University of Delft (**TU Delft**). A Multidisciplinary group (Amanda Almond – Social Sciences/Psychology, Jill Belli – English, Cailean Cooney – Library & Jeremy Seto – Biology) from City Tech presented on the Open Educational Resources at the College using the OpenLab as the platform for dissemination.

Tower of the Nieuwe Kerk on Canal. (CC-BY-NC-SA **Jeremy Seto**)



Civil twilight in Delft. (CC-BY-NC-SA **Jeremy Seto**)



Markt Square as a globe for OE Global (CC-BY-NC-SA **Jeremy Seto**)



## Reflections from the conference

The presenters were asked to reflect on their experiences at the meeting.

**What were you expecting of the make-up of the audience and how did your portion of the presentation reflect this? Where these expectations met?**

**Cailean:** I was impressed with the large audience and there seemed to be a good representation of educational technologists, instructors, and librarians. I think each of our contributions offered complementary examples of intentional pedagogy built out of and for the City Tech community. I think for the audience to see the evidence of that at a programmatic, platform, and course level was really unique and invigorating.

**Amanda:** My expectations of the audience were met: most were educators/instructors/professors. (although there was no way to be certain). I suspect this was the case

Amanda Almond, Cailean Cooney, Jill Belli, Jeremy Seto following presentation **“Building a Culture of Open Pedagogy from the Platform Up”** (Credit: Ann Fiddler)



because my portion of the presentation was well received. Audience members enjoyed the detailed examples of using OERs to achieve interdisciplinary learning objectives as well as outcomes specific to health and disease prevention. My expectations were exceeded. I thought that my in-depth case study about my course would be perceived as an add-on to the OER training and OpenLab portion of our presentation; however, people responded very positively to how OERs enhances student participation, learning and expression, and self-efficacy.



City Hall and the main square of Delft from the top of the New Church. (CC-BY-NC-SA **Jeremy Seto**)

**Jeremy:** I wasn't sure what to expect based on the diversity of titles and topics of other presentations. In the end, I felt there were a lot of Librarians in the audience and not as many instructors. I think the audience liked the different uses of the OpenLab for discipline specific dissemination of course material. I focused on course coordination and standardization of my material as outlined by the National Science Foundation, so I think I provided a perspective to the audience they weren't necessarily anticipating. Overall, I think the diversity of our panel presentation represented our institution in a good light.

**What events, talks or presentations had an impact on you during the conference about the direction of the OER initiative or enhancement of features on the OpenLab?**

**Amanda:** I was most moved by the keynote speaker on the first day. Following the Minister of Education's quote "we are to ensure that knowledge remains free for all, and not limited to just those with the buying power" was a representative from Kiron. This is a program/platform that serves refugees from war in 5 countries. Their online program affords 2-year degrees, with continuations at other universities, in degrees that are highest in demand (pertaining to the global market), for people displaced by war. This is entirely free and offers ample support, both educationally and socially, towards individual success. As this program grows, folks remain reflexive and keep the benefits of the students at the forefront of new additions and iterations. Combining mentorship and community in addition to advising and online courses with free materials;

The streets of Delft (CC-BY-NC-SA [Jeremy Seto](#))



the Kiron program is aspirational and remains in need of institutional support from colleges around the globe. For me, this put into context the ethical and moral implications of OER initiative and the rapidly-changing world we live in.

**Jeremy:** I was really moved by the Keynote (**Kiron NGO**) on the first day. As a free culture proponent, I've always looked at the Open Education Resources initiative as being centered behind social justice. Our student body at City Tech is so non-traditional, that access to education has taken a new meaning when I observed students coming to class without materials because they didn't have their financial aid money yet. I've also viewed it the other way in which we can put the responsibility on students to be prepared by removing this financial obstacle. The discussion regarding the **UNESCO draft recommendation on OER** was also enlightening. This was a great example of the international movement and support behind this social justice issue.

### How does CUNY's entry as a sustaining member of the Open Education Consortium impact the goals of Open Educational Resources and Open Pedagogy at City Tech?

**Amanda:** It showcases the work being done here. It connects faculty to others with similar orientations to OER and pedagogies for continued support and identification of new materials. It helps to lessen the learning curve for those faculty whose disciplines are not inherently "tech". It provides perspective to where City Tech and CUNY fit into the global needs and goals of education for populations negatively impacted current knowledge dissemination driven by capitalist mores; rather than ones of social justice, restoration of people and affected communities, and ensuring success for our students.

**Jeremy:** The CUNY contingent also met with the new director of the **Open Education Consortium**. As we discussed our role as a University within this organization, I spoke about the coalescence of the various dialects of "open" that were being discussed during the conference. From the numerous talks, I began to see the limitations of what everyone



UNESCO logo for **Open Educational Resources**. (CC-BY [Jonathasmello](#))

was doing because Open Source Software, Open Hardware, Open Education, Open Data etc. would have the same desired outcome but unable to integrate fully with each other. As someone in a data driven field, the various talks illustrated to me how these dialects of Open were still partially partitioned from each other and the next step in the educational process would be to have better cross-talk. This is really important considering the new proposed majors that are coming into play at City Tech.



CUNY outside of the the TU Delft Library. Standing: Greg Gosselin (Interim University Dean of Libraries and Information Systems), Jeremy Seto (NYCCT – Biology), Jill Belli (NYCCT – English), Stacy Katz (Lehman – Library), Shawna Brandle (KBCC – History-Philosophy & Political Science), Nicole Williams (BCC – Library), Cailean Cooney (NYCCT – Library). Front: Mari Watanabe-Rose (Director of Undergraduate Education Initiatives and Research), Ann Fiddler (CUNY – Open Education Librarian)



Jill Belli, Cailean Cooney and Jeremy Seto after their interview with OERInfo

Inside the TU Delft Library. (CC-BY-NC-SA [Jeremy Seto](#))



### THE OPEN EDUCATION CONSORTIUM

As a new **sustaining member** of the **Open Education Consortium**, CUNY presenters met with the the new Director **Paul Stacey** and **Una Daly** (**CCCOER** Director)to discuss the University's role in the organization.

### OER.INFO INTERVIEW

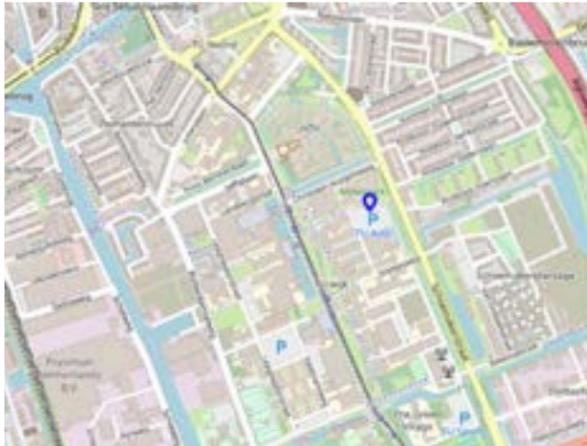
An interview with Jill, Cailean and Jeremy during the conference can be found on this **[German language website](#)**.

Check for **[Youtube Video](#)**



## ADDITIONAL LINKS

- [Critical Health Psychology OER](#)
- [Biology OER](#)
- [OER Fellowship @ City Tech](#)



# INSTRUCTIONS FOR NEWS FORUM

## News Submissions

While the Newsletter appears only once a year, conferences, publications, travels, and performances happen throughout the year. We would like to hear about your recent activity in real time and share it with rest of the College Community.

The News Forum on the OpenLab provides for such an opportunity. You can check recent activities and achievements from your colleagues at:

<https://openlab.citytech.cuny.edu/soasnews/>

To have your news and pictures posted in the News Forum, please fill out the form at

<https://openlab.citytech.cuny.edu/soasnews/news-form/>

If the activity that you want to list involves more faculty members, you can enter multiple names separated by commas. As for the Newsletter submission, please provide the name of the Department. Indicate if it is a past or future event or a notable achievement. Enter a brief narrative that will be used as the body of the news item.

You are encouraged to accompany your news submissions with media files (up to four) that may include images, short movies, PDF files, ...

Let us know what is happening so we can share it with all of our colleagues.

# INSTRUCTIONS FOR 2018-2019 NEWSLETTER

The School of Arts and Sciences now accepts direct submissions from faculty through an on-line form. The electronic submission form will allow faculty members to describe their activities and scholarly achievements according to their personal and professional styles.

<https://openlab.citytech.cuny.edu/soasnews/newsletter-submissions/>

At the beginning of each Fall semester, the Grants and Research Committee will solicit submissions and make the electronic OpenLab form available. The information requested on the form includes your name, department, and a narrative description of your achievements of up to 400 words. You may format citations according to distinct disciplinary standards and include them in the text field as bulleted points. You will have the ability to create subsections for book chapters, peer-reviewed journals, invited talks, etc. We would also like faculty to upload relevant imagery (with captions) that they wish to display to create a more vibrant newsletter. Please ensure you have rights to the images you use.

If you wish to include links in your narrative, please format them using square brackets [link text] followed by parentheses (http://yourwebsite.com). An example follows below:

“The School of Arts and Sciences [Annual Newsletter](<https://openlab.citytech.cuny.edu/soasnews/archives/>)”

**Newsletter Submission Form**

**Faculty Name \***  
Professor Professor **Type Your Name**

**Department \***  
Select Option **Choose from dropdown**

**Newsletter Narrative \***  
**Bulleted lists are boring!**  
**Write a narrative.**  
**Add citations/references.**  
**Can include urls**  
**Please limit to 400 words**

**Image Upload 1 (Optional)**  
Click to upload file **Attach an image relevant to your work**

**Image 1 Description**  
caption 1 **Describe your image**

**Image Upload 2 (Optional)**  
Click to upload file **Attach an image relevant to your work**

**Image 2 Description**  
caption 2 **Describe your image**

**Be human**  I'm not a robot

**At least 600x400 72dpi** (vertical red text on the left)

**Drag box to make bigger** (red text with arrow pointing to the narrative box)

