Brooklyn College Cancer Center

Issue 7 | Spring 2026

Dear Members of the BCCC-CURE Community,

We were pleased to update you on the activities of some of the faculty and students who participate in the Brooklyn College Cancer Center. This newsletter summarizes activities over the past half year, which includes our researchers, students, and associates in community outreach. We are deeply grateful to the American Cancer Society, the Gray Foundation, as well as our donors, partners, and friends for the continued support of the BCCC-CURE.

Please feel free to reach out to us with any questions: BCCC-CURE@brooklyn.cuny.edu

Alexander Greer

Ana Bartolomé

Sheena Philogene

FALL 2025 IN REVIEW

We are delighted to share news of our renewed funding from the Gray Foundation!

BCCC-CURE INSTITUTIONAL FUNDING

Gray Foundation [2026], Operations Support Grant

CONGRATULATIONS TO OUR ACS MASTERS SCHOLAR

Safyah Greenidge, Brooklyn College Cancer Center – American Cancer Society Masters Scholar Department of Health and Nutrition, Brooklyn College, CUNY (Advisor: Margrethe Horlyck-Romanovsky)

I am a graduate student in Community Health working on an independent study supported by the ACS grant. My work will examine the awareness and education of carcinogens in hair-care products targeting the African American community. This topic is of particular significance due to the intersection of environmental exposures, consumer safety, and underrepresentation in research that disproportionally affects marginalized communities. By examining how social determinants of health influence awareness, exposure, and health behaviors this study aims to inform culturally relevant campaigns targeting Black women and local beauty supply stores. The goal of this work is to inform advocacy and health policy efforts aimed at quality control, product safety, and cancer prevention.

CONGRATULATIONS TO OUR RECENT BCCC-CURE DOCTORAL GRADUATE

Serah Essang, Department of Chemistry and Biochemistry, Brooklyn College, and Ph.D. Program in Chemistry, CUNY Graduate Center (Advisor: Alexander Greer). The title of her doctoral thesis is *Mechanistic Studies of Aerobic Photochemistry: Gold Nanoclusters, Nanoparticles, and Solution-Phase Systems*.

She is an exceptional chemist whose research in nanoscience and photodynamic therapy mechanisms has interdisciplinary excellence and has helped advance knowledge of how light interacts with biological, chemical, and environmental systems. She helped to deconvolute complex photooxidation pathways and identified reactive oxygen intermediates on both solution and solid interfaces with the aid of nuclear magnetic resonance and time-resolved laser spectroscopy. In addition to her recently obtained Ph.D., she also holds a Master's degree in Inorganic Chemistry and a Bachelor's degree in Chemistry with Honors from the University of Ibadan, Nigeria.

Open Funding Calls for Students & PIs

Subawards are available to PIs through our ACS DICRIDG and Gray Foundation Operations Support grants to support ongoing research. We invite proposals through the following two funding mechanisms:

American Cancer Society

ACS-BCCC-CURE Pilot Grants. $40,000 per grant (1 year)
Full-time faculty at Brooklyn College within the first 6-years of initial appointment, or faculty transitioning to Cancer Research from related areas.
Application deadline March 31st, 2026, 5:00PM

FOUNDATION gray

Internships for High School Students. $2,000 per grant
BCCC-CURE-Gray Foundation High School Summer Research Internships for high school students from PUBLIC High Schools in NYC ONLY with a BCCC-CURE researcher.
Application deadline: March 1st, 2026, 5:00PM

Travel Awards for Students. $1,500 per student
BCCC-CURE-Gray Foundation Travel Awards for researchers at Post-Doctoral, Doctoral, Masters, and Undergraduate student level (ACS Postdocs are not eligible.)
Application deadline: March 1st, 2026, 5:00PM

BCCC-CURE Gray Foundation Cancer Community Outreach Internship/Award. $4,000
This is a research opportunity for undergraduate students performing in-person outreach support in the BCCC-CURE office during the Spring Semester.
Application deadline: February 15th, 2026, 5:00PM

PhD Student Cancer Research Award. $4,500 per Doctoral students
BCCC-CURE Gray Foundation Doctoral Student Award for PhD students in BCCC-CURE labs.
Application deadline: March 1st, 2026, 5:00PM

Gray Foundation-BCCC-CURE Faculty Research Awards. $2,000 per lab
BCCC-CURE faculty at Brooklyn College with a BC undergraduate student in their research group carrying out BRCA-related cancer research.
Application deadline: March 1st, 2026, 5:00PM

Through the second half of 2025, our researchers published 23 cancer and health related articles in more than 20 academic journals and were granted a US patent.

Agyemang, N. B., Nafie, J., Biscoe, M. R., & **Murelli, R. P.** (2025). Synthetic, Computational, and Experimental Studies of a Class 3 Atropisomeric α-Naphthyl Tropone. *Journal of Organic Chemistry*, *90*(32), 11501–11509. https://doi.org/10.1021/acs.joc.5c00992

Aksoy, M., Krupitskaya, M., & **Singh, S. M.** (2025). A Genome-Wide Modeling and Characterization Study of Pleckstrin Homology Domains in *Chlamydomonas reinhardtii*. *Plants*, *14*(17), 2607. https://doi.org/10.3390/plants14172607

Akula, H. K., Ghosh, G., **Greer, A.**, Pradhan, P., & Lakshman, M. K. (2025). Pd-Catalyzed Regiodivergent N^6 versus C^{vinyl} Arylation of 8-Vinyl Adenine Nucleosides, Sequential Diarylation, Fluorescence Properties, and Computational Evaluations. *Chemistry—A European Journal 31*(51), e202501477. https://doi.org/10.1002/chem.202501477

Azimi, S., & **Gallicchio, E.** (2025). Potential distribution theory of alchemical transfer. *Journal of Chemical Physics*, *162*(5), 054106. https://doi.org/10.1063/5.0244918

Baris, Y., Jabbar, J., Yozgat, Y., Dinccelik-Aslan, M., Cigirgan, E., Erden, M., Bay, S., Aslan, V., & **Cevher, M. A.** (2025). N-terminal half of MED14 is critical for Mediator-RNA polymerase II interaction and the resulting transcription. *Journal of Biological Chemistry*, *301*(12), 110837. https://doi.org/10.1016/j.jbc.2025.110837

Beressa, G., **Feyissa, G. T.**, Murimi, M., Muhammed, A. H., … Belachew, T. (2025). Nutritional status and associated factors among school age children in Southeast Ethiopia using a bayesian analysis approach. *Scientific Reports*, *15*(1), 24141. https://doi.org/10.1038/s41598-025-10743-2

Brown, M., Ramirez, T., Mohammed-Norgan, M., **Bartolomé, A., Basil, J.**, & Jandorf, L. (2025). Lay health navigators: an initiative to navigate community members into lung cancer screening. *Health Education Research*, *40*(5), cyaf034. https://doi.org/10.1093/her/cyaf034

Cao, F., Tavis, J. T., Donlin, M. J., Meyers, M. J., **Murelli, R. P.**, Orth, C., & Elgendy, B. (2025). Inhibitors of nucleotidyltransferase superfamily enzymes as antibiotics. U.S. Patent No. US12502362B2

Cobos, S. N., Fisher, R. M. A., Bennett, S. A., … **Torrente, M. P.** (2025). *C9orf72* Dipeptide Repeat Proteinopathy Is Linked to Increased Histone H3 Phosphorylation on Serine 10. *ACS Omega*, *10*(41), 48395–48411. https://doi.org/10.1021/acsomega.5c05836

Eichner, A. S., Zimmerman, N., San, A., & **Singh, S.** (2025). In Silico Analysis of Human NEK10 Reveals Novel Domain Architecture and Protein-Protein Interactions. *Proteins*, https://doi.org/10.1002/prot.70067

Essang, S., & **Greer, A.** (2025). "Blebbing" of a Gold Nanocluster by Dioxygen Insertion into Thiolate Staples during Self-Photooxidation. *Journal of Physical Chemistry A*, *129*(51), 11810–11819. https://doi.org/10.1021/acs.jpca.5c06629

Feyissa, G. T., **Pouget, E. R.**, Kitila, S. B., Terfa, Y. B., & Wong, T. (2025). Integrating Mental Health Services into Perinatal Care: Challenges and Opportunities. *Journal of Multidisciplinary Healthcare*, *18*, 4317–4339. https://doi.org/10.2147/JMDH.S536732

Gallicchio, E. (2025). Relative Binding Free Energy Estimation of Congeneric Ligands and Macromolecular Mutants with the Alchemical Transfer Method with Coordinate Swapping. *Journal of Chemical Information and Modeling*, *65*(7), 3706–3714. https://doi.org/10.1021/acs.jcim.5c00207

Greer, E. M., Uritsky, F., Herrera, B., Benavides, F., **Greer, A.**, & Doubleday, C. (2025). Unexpected Suppression of Double-Proton Tunneling Induced by Quantum Barriers from Zero-Point Energy. *The Journal of Organic Chemistry*, *90*(30), 10599–10606. https://doi.org/10.1021/acs.joc.5c00827

Kadam, I., Nebie, C., Dalloul, M., **Saxena, A.**, Fordjour, L., Hoepner, L., & **Jiang, X.** (2025). Associations of choline intake and metabolite status with fetal growth outcomes and placental macronutrient transport in pregnancies with or without gestational diabetes mellitus. *Clinical Nutrition*, *52*, 179–188. https://doi.org/10.1016/j.clnu.2025.07.027

Khoj, D., Huang, R., Altvater, E., Ishfaq, Z. N., **Jiang, X.**, Axen, K. V., & **Caviglia, J. M.** (2025). Mouse Model of Metabolic Dysfunction-Associated Steatotic Liver Disease with Fibrosis. *Journal of Visualized Experiments: JoVE*, (221), 10.3791/68294. https://doi.org/10.3791/68294

Palmer, N., Storch, B., Krishnan, A., & **Reigada, L. C.** (2025). Gastrointestinal Symptoms in New York City College Students: The Influence of GI-Specific Anxiety, Adversity, and Sociodemographic Differences. *Behavioral Medicine (Washington, D.C.)*, 1–15. https://doi.org/10.1080/08964289.2025.2571115

Pouget, E. R., **Feyissa, G. T.**, & Wong, T. (2025). Inequity in US Racial/Ethnic Infant Health and Birth Outcomes: The Role of the Adult Sex Ratio as a Potential Indicator of Structural Anti-Black Racism. *Journal of Racial and Ethnic Health Disparities*, *12*(3), 1517–1525. https://doi.org/10.1007/s40615-024-01984-4

Tommassini, S., & **Dowd, T. L.** (2025). Update and Reassessment of Data on the Role of Osteocalcin in Bone Properties and Glucose Homeostasis in OC-/- Mice. *International Journal of Molecular Sciences*, *27*(1), 170. https://doi.org/10.3390/ijms27010170

Yeasmin, A., & **Torrente, M. P.** (2025). Histone Post-Translational Modifications and DNA Double-Strand Break Repair in Neurodegenerative Diseases: An Epigenetic Perspective. *Biology*, *14*(11), 1556. https://doi.org/10.3390/biology14111556

Zheng, L., Alam, T. T., Khemlani, A. H., Armah, R. N. A., & **Horlyck-Romanovsky, M. F.** (2025). Sub-Saharan African Immigrants Living in the United States Maintain Healthy Diets Despite Dietary Acculturation: A Scoping Review. *Journal of immigrant and minority health, 27*(5), 830–876. https://doi.org/10.1007/s10903-025-01718-6

Zhou, K. Z., Iftakher, R. B., Mullen, S. P., Adler, R. F., & **Kletenik, D.** (2025). Toward Designing Accessible and Meaningful Software for Cancer Survivors. *Proceedings of the ACM on Human-Computer Interaction*, *9*(7), 1-28. https://doi.org/10.1145/3757678

FALL 2025 EVENT SPOTLIGHT

BCCC-CURE Spring 2025 Scientific Seminars and Symposia

September 19, 2025, 12:30 – 1:30 PM BCCC-CURE Joint Scientific Seminar with Chemistry & Biochemistry Department by Dr. Elizabeth Papish (Professor of Chemistry, Director of Graduate Recruiting, Department of Chemistry and Biochemistry, The University of Alabama) "Ligand Protonation State Influences the Pathways Open to Light Activated Ruthenium Anticancer Compounds". Hosted by Prof. Maria Contel. Sponsored by the Cancer Research Institutional Development ACS Grant. (Room 3143 Ingersoll Hall)

October 10, 2025, 12:00 – 1:00 PM BCCC-CURE Joint Virtual Scientific Seminar with the Chemistry & Biochemistry & Health and Nutrition Departments by Dr. Serenella Medici (Associate Professor, University of Sassari, Sassari, Italy) "Metals in cancer: a risk factor?" Hosted by Prof. Maria Contel. Sponsored by the Cancer Research Institutional Development ACS Grant. Zoom Link

October 17, 2025, 12:30 – 1:30 PM BCCC-CURE Joint Scientific Seminar with Chemistry & Biochemistry Department by Dr. Ryan Williams (Associate Professor, Medicine at Stony Brook University, Division of Nephrology & Hypertension) "Nanomedicine for the treatment and diagnosis of cancer and related diseases". Hosted by Prof. Ankit Jain. Sponsored by the Cancer Research Institutional Development ACS Grant. (Room 3143 Ingersoll Hall)

November 6, 2025, 12:30 – 1:30 PM BCCC-CURE Joint Scientific and Career Seminar with Chemistry & Biochemistry Department by Dr. Benjamin Rudshteyn (Senior Scientist, Schrödinger, Inc) "Enabling Computer-Aided Drug Design of Metalloproteins". Hosted by Prof. Emilio Galliccio. Sponsored by the Chemistry/Biochemistry Department. (BC Library Room 411)

November 7, 2025, 12:30 – 1:30 PM BCCC-CURE Joint Scientific Seminar with the Biology Department by Dr. Teressa Davoli (Associate Professor, Department of Biochemistry and Molecular Pharmacology, New York University) "Dissecting the role of aneuploidy in cancer progression". Hosted by Prof. Mara Schvarstein. Sponsored by the Biology Department. (Room 3143 Ingersoll Hall)

December 5, 2025, 12:30 – 1:30 PM BCCC-CURE Joint Scientific Seminar with the Department of Health and Nutrition by Dr. Michelle Kaufman (Associate Professor at Johns Hopkins Bloomberg School of Public Health) "Gender Factors Affecting Cancer" Hosted by Prof. Garumma Feyissa. Sponsored by the Cancer Research Institutional Development ACS Grant. (Room 3143 Ingersoll Hall)

Community Outreach & Educational Events

September 16th, 2025, 12:15 - 2:00 PM Tabling at the BC Welcome Fair - Student Clubs and Students Support Offices Fair. At the Student Center (SUBO). Organized by Student Affairs.

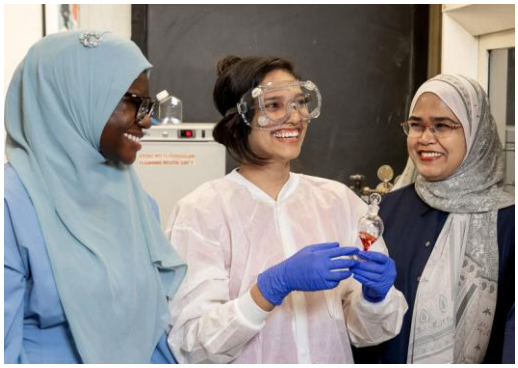
October 7th, 2025, 12:15 - 2:00 PM Cancer Prevention Information Session: *Why Care About Breast Cancer as Young Women of Color?* with SHARE Cancer Support, ACS Voices Of Black Women Project, and Mount Sinai Tisch Cancer Institute. Event co-hosted in collaboration with Women of Color Student Club, BC Women's Center, BC Health Clinic, BC Health Programs / Immunization Requirements Office. Partly sponsored by DICR IDG ACS Grant.

October 26th, 2025, 8:00- 12:00 PM *Making Strides Against Breast Cancer Walk: Brooklyn College Against Cancer Team!* Organized by the American Cancer Society.

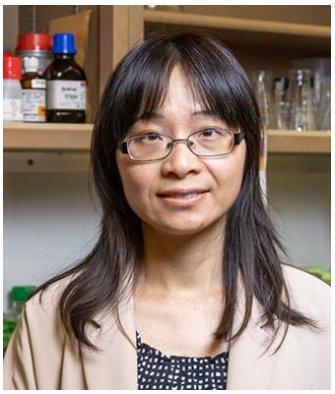
November 6, 2025, 1:30 – 2:15 PM BCCC-CURE Joint Career Seminar with the BC Magner Career Center and the Chemistry & Biochemistry Department by Dr. Benjamin Rudshteyn (Senior Scientist, Schrödinger, Inc). Hosted by Prof. Alexander Greer and Ms. Miriam Lloyd. (BC Library Room 411)

November 18th, 2025, 12:30 - 2:00 PM *Men's Health Day: Being Proactive About Your Health!* Co-hosted by BCCC-CURE, the BC Health Programs / Immunization Requirements Office, and BLMI.

November 20th, 2025, 12:30 – 2:00 PM *Great American Smokeout! A Lung Cancer Prevention Info Session* by Dr. Ardeshir Hakami Kermani (Associate Professor, Thoracic Surgery, Icahn School of Medicine at Mount Sinai Hospital) and Mr. Ricardo Broomes (Facilitated Enrollment Representative, Emblem Health) Co-hosted by BCCC-CURE, the BC Health Programs / Immunization Requirements Office.



BCCC-CURE PRINCIPAL INVESTIGATOR



Xinyin Jiang, Professor and Department Chair, Department of Health and Nutrition Sciences, Brooklyn College, CUNY

In 2-3 sentences describe your cancer research topic

I study how nutrients in one-carbon metabolism are involved with cancer prevention and progression. My current project is to investigate how supplementation of the nutrient choline during pregnancy affects offspring liver injury, a precursor of cancer, in an obesogenic environment.

When and where did you start doing cancer research?

I started my cancer research in 2016 at Brooklyn College.

Briefly, what are the most rewarding and most challenging components of your cancer research career?

The most rewarding component is to identify a nutritional treatment that helps reduce the risk of carcinogenesis. The most challenging component is to detect the delicate effect of a nutrient from all the background noise.

Do you collaborate with external institutions?

I collaborate with Maimonides Medical Center and SUNY Downstate.

What do you do for fun in your free time?

I love going on food tours.

Akshaya Iyer, Ph.D. Program in Chemistry, The Graduate Center of the City University of New York, CUNY | Chemistry and Biochemistry Department, Brooklyn College, CUNY

In 2-3 sentences describe your chemistry research topic and how it potentially relates to cancer research.

I work in the area of photochemistry, using light and photosensitizers to generate reactive oxygen intermediates like singlet oxygen and study their chemical and biological reactivity at air–water and liquid–membrane interfaces. My research combines synthesis, photolysis, spectroscopy, nuclear magnetic resonance (NMR), and density functional theory (DFT) to understand how light-driven oxygen chemistry unfolds during prolonged photooxidation. This includes a biomimetic project on polyprenyl chain shortening in phenolic precursors to plant defense molecules, where we observed dihydrofuran formation followed by a process we call molecular "whittling" under extended photolysis. These mechanistic insights connect fundamental photochemistry with biological and therapeutic applications, including photopriming approaches that could enhance photodynamic therapy in cancer.

When and where did you start doing photochemistry and cancer-related research?

I dove into the world of photochemistry in 2024 as a Ph.D. student at Brooklyn College. You could say chemistry is in my DNA, my grandfather was a chemist, so I grew up around that curiosity. I originally started in pharmacy, but I realized I did not just want to know that a medicine worked; I wanted to understand the molecular "gears" turning underneath.

That curiosity really peaked when I joined Professor Alexander Greer's lab, where photochemistry became a way to turn complex chemical problems into exciting, solvable challenges, especially in biologically relevant systems. In my prior work before arriving to Brooklyn College, as a research internship at the University of Saskatchewan, I gained hands-on experience with cell culture, working with multiple cell types including human adipocytes and pancreatic cancer cell lines, which helps me now connect fundamental photochemical mechanisms to cancer-related research.

Most rewarding and most challenging aspects of your research career?

The most rewarding part of my research is that "aha!" moment when a complex reaction finally clicks, it feels like solving a mystery that nature has been keeping secret for billions of years. As Marie Curie said, "Nothing in life is to be feared, it is only to be understood," and that really guides how I approach science. Of course, light-driven systems can be incredibly stubborn, but I've learned to treat those challenges like a giant puzzle, requiring patience, creativity, and sometimes a healthy dose of pure, natural excited-state energy instead of caffeine.

For example, one of our synthesis projects involved interfacial imidazole surfactant compounds with both charged and uncharged components. Working with tricky reagents like butyllithium and purifying polar and non-polar products through multiple steps required diligence and patience. To track reaction pathways, we use computational resources at the San Diego Supercomputer Center (SDSC) along with Intrinsic Reaction Coordinate (IRC) calculations and DFT for evidence of connections between minima and transition states. We also account for solvent effects with the conductor-like polarizable continuum model (CPCM) and calculate proton affinities to probe Brønsted acid-base behavior, exploring neutral phenols versus phenolate anions to understand divergent mechanistic outcomes.

Another project I'm particularly proud of uncovered a controllable pro-oxidant or antioxidant-type path in prenyl-phenol photooxidation system. The challenge was seeing whether traditional mechanistic frameworks, like the venerable Curtin–Hammett principle, could apply to photochemical reactions. The excited-state nature of singlet oxygen made both conceptual reasoning and DFT modeling tricky, and the chemistry was not restricted to just 'ene' pericylcic pathways. But those surprises led to the most interesting insights: we discovered that the protonated state makes a big difference where neutral phenol and its phenolate anion follow completely different reaction mechanisms, producing distinct oxidation products, and that the outcomes are dictated by transition-state energies. Demonstrating that Curtin–Hammett reasoning can extend to photosensitized systems and help explain unexpected outcomes, like oxygen-atom transfer in epoxidation versus hydroperoxide formation, was incredibly satisfying and makes all the challenges worth it.

Do you collaborate with external institutions?

Absolutely! I'm a big believer that science is a team sport. I and other members of the group love collaborating with researchers from other fields. They bring fresh perspectives and insights we might never have thought of, it's like a crossover episode in a show. When you bring different experts together, that's often when the most creative solutions happen.

For example, I'm really intrigued by our group's collaboration with Dr. Timothy Zhu in the Department of Radiation Oncology at the University of Pennsylvania. Together, we're exploring strategies to estimate the number of singlet oxygen molecules needed to kill a cell, a crucial question since singlet oxygen is thought to account for about 75% of the photodynamic effect. By comparing reactive sites on nanoparticles as a surrogate for tumor cells, we can advance mechanistic understanding of singlet oxygen reactions, which helps bridge photochemistry with therapeutic applications.

Beyond research collaborations, I also serve as an Associate Councilor for the American Society for Photobiology (ASP), where I help organize outreach initiatives, junior scientist webinars, and events at ASP conferences. I really enjoy these opportunities and interacting with Dr. Masaoki Kawasumi an expert in skin cancer and Dr. Sherri McFarland an expert in bladder cancer. They help connect me with the broader scientific community and encourage collaborations that push both fundamental and applied photochemistry forward.

I am also very grateful to be a member of the Brooklyn College Cancer Center, which has provided valuable opportunities to attend lectures and engage with researchers across disciplines. Through the BC Cancer Center, I recently had a particularly insightful discussion with Dr. Benjamin Rudshteyn, which broadened my perspective and sparked new ideas. I am also very much looking forward to an upcoming lecture by Dr. Orrette Wauchope.

What do you do for fun in your free time?

When I hang up the lab coat, I'm usually busy getting lost in a story. Whether I'm sketching, writing poetry, reading, or watching anime. I'm a bit of a 'mystery nerd' at heart; to me, whether it's a classic detective novel or a mind-bending book on quantum physics, the universe is really just the ultimate plot twist!

I've found that these hobbies actually shape how I walk into the lab: sketching keeps my creativity sharp, and poetry has taught me the kind of deep patience you need for science. But if you really want to see me get into an 'excited state', ask me about Naruto. That show was my first real lesson in resilience. I figure if he can keep going through all those impossible battles, I can definitely handle a tricky lab experiment! By bringing a little curiosity and playfulness to the bench, I've learned that even the toughest problems can feel like a great adventure.

UPCOMING BCCC-CURE EVENTS

Spring 2026 Scientific Seminars and Symposia

Wednesday, January 21st - Friday, 23rd, 2026, 9:30-2:00PM - ACS/BCCC-CURE Drug Design Workshop: Structure-Based Drug Design on a Laptop. Instructor: Dr. Emilio Gallicchio, Sponsored by The American Cancer Society (Cancer Research Institutional Development Grant, DICRIDG-22-1012253) in the WEB Computer Lab Room # 106F. Syllabus.

Friday, February 13th, 2026, 12:30-2:15PM - BCCC-CURE Joint Scientific and Career Seminar with Chemistry & Biochemistry Department by Dr. Orrette Wauchope (Associate Professor, Natural Sciences Department at Baruch College, CUNY) "Bacterial Communication and Biofilm Inhibition" and Career talk "Beyond the Lab: Where a Chemistry Degree Can Take You". Hosted by Professor Alexander Greer in Room 3143 Ingersoll Hall. Light lunch provided for students.

Friday, February 27th, 2026, 12:30-2:15PM - BCCC-CURE Joint Career Talk with Biology Department by Mr. Rohan Mathur (Equity Research Associate at Oppenheimer and Co. Inc.) "Career Choices From a Science Background" Hosted by Professor Qi He. A Light lunch will be provided in room 3143 New Ingersoll.

Friday, March 6th, 2026, 12:30-2:15PM - BCCC-CURE Joint Scientific Seminar with Chemistry & Biochemistry and Physics Departments by Dr. Soihong Wang (Associate Professor of Molecular Engineering in the University of Chicago) "Microfluidic Cell/Tissue Arrays for Drug Discovery and Personalized Medicine." Hosted by Maria Contel. Sponsored by The American Cancer Society (Cancer Research Institutional Development Grant, DICRIDG-22-1012253). A light lunch will be provided for students in Room 3143, Ingersoll Hall.

Friday, March 13th, 2026, 12:30-2:15PM - BCCC/Biology Department Joint Scientific Seminar and Career Talk by Ms. Kathryn Galasso (Licensed Certified Genetics Counselor, Hackensack University Medical Center) "What is Genetic Counseling? The Career, the Training, and the Impact" Hosted by Professor Murat Cevher in Room 3143 Ingersoll Hall. A light lunch will be provided for students in Room 230, New Ingersoll.

Thursday, March 19th, 2026, 12:30-2:15PM - BCCC-CURE Joint Scientific Seminar with the Dept. of Health and Nutrition Sciences by Dr. Jennifer Leng (Associate Professor of Population Health Sciences, Weill Cornell Medical College/Director of Research Development/Associate Attending Physician, Immigrant Health & Cancer Disparities Service, Memorial Sloan Kettering Cancer Center) "Optimizing Lifestyle Interventions for Historically Marginalized Populations" hosted by Dr. Margrethe Horlyck-Romanovsky. A light lunch is provided for students in Room 3143, Ingersoll Hall.

Friday, April 10th, 2026, 12:30-1:30PM - BCCC-CURE Joint Scientific Seminar with Chemistry & Biochemistry Department by Dr. Ankit Jain (Assistant Professor, Department of Chemistry /Biochemistry, Brooklyn College) "Amyloid Control of Multiphasic Condensates" Hosted by Prof. Ryan Murelli. Room 3143 Ingersoll Hall.

Thursday, April 23rd, 2026, 12:30-1:30PM - BCCC-CURE Cancer Related Research, Internships, and Partner Opportunities. Seminar by Dr. Alexander Greer, Professor, Department of Chemistry and Biochemistry, Director, Brooklyn College Cancer Center, CTO, SingletO2 Therapeutics. The talk is titled: "From Lab Discovery to Business: An Introduction to Entrepreneurship for Researchers at Brooklyn College". Room 3143 Ingersoll Hall.

Tuesday, April 28th, 2026, 12:20-2:30PM - Brooklyn College's 40th H. Martin Friedman Lecture by Dr. Martin Chalfie (Professor, Biology Department, Columbia University) Hosted by Professor Ryan Murelli and the BC Chemistry and Biochemistry Department and BCCC-CURE, at the Lecture Hall 148 New Ingersoll.

BCCC-CURE Spring 2026 Educational and Community Outreach Events

Wednesday, February 4th, 2026 12:15-2:15PM - BC Goes Red! - Heart Health and Cancer Awareness Hosted by Health and Wellness Student Office and Immunizations Requirements, with support from BCCC-CURE, BLMI, BC Health Clinic, and the BC Graduate Center for Workers Education and NCNW Flatbush Section and Good Health WINS. (3305 James Hall)

Thursday, February 5th, 2026 12:30-2:15 PM - BC-AMSA and BCCC-CURE Cancer Related Research, Internships, and Clinical Opportunities for BC Students (with BC Public Health and Medicine Student Club (PHAM) and BC Health and Nutrition Student Club) at the Bedford Room. Lunch will be provided. (BC Student Center, Bedford Room)

Tuesday, March 10th, 2026 12:15-2:15PM - Fuel to Fight: How Nutrition Helps Prevent Cancer - With outstanding speakers who are experts on nutritional oncology (Mount Sinai's Ruttenberg Treatment Center) colorectal cancer screening options (Exact Sciences Co.), and growing/eating healthy foods (GrowNY & Teens for Food Justice). Hosted by BCCC-CURE and Health and Wellness Student Office and Immunizations Requirements, with support from the BC Department of Health and Nutrition, Center for Health Promotion, Immigrant Student Success Office, BLMI, BC Graduate Center for Workers Education, PHAM Student Club & NCNW Flatbush Section and Good Health WINS. Lunch will be provided. Light lunch is provided for students in Room 3143, Ingersoll Hall.

Tuesday, May 5th, 2026, 12:15-2:15PM - Brooklyn College Annual Health and Wellness Fair, Hosted by BCCC-CURE and Health and Wellness Student Office and Immunizations Requirements - Free Prostate Screenings will be available through Mount Sinai's Mobile Van, 2900 Bedford. (West Quad / BC Student Center in case of rain.)

Stay Connected!

Please visit our website to find timely information about our past and upcoming educational opportunities, community outreach events, and information about becoming a BCCC-CURE member.

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