

Tuesday, April 18th, 2023

Conference Schedule

9:00am – 9:30am	Welcome and Registration
9:40am – 11:10am	Panel Presentations: Session I MPRs A & B
11:20am – 12:50pm	Panel Presentations: Session II MPRs A & B
1:00pm – 2:30pm	“Rights and Responsibilities” MPR B Keynote Speaker: Mr. Max Kenner Founder and Executive Director, Bard Prison Initiative
2:30pm – 3:40pm	Poster Sessions & Art/Media Exhibits MPR C
4:00pm – 5:15pm	Panel Presentations: Session III MPRs A & B
5:30pm – 7:00pm	Panel Presentations: Session IV MPRs A & B

Refreshments will be available throughout the duration of the conference in MPR C.

KEYNOTE SPEAKER

1:00pm-2:30pm

Multi-Purpose Room B

Max Kenner is founder and executive director of the Bard Prison Initiative (BPI) which enrolls incarcerated women and men in academic programs that culminate in degrees from Bard College.

A leading advocate for the restoration of college-in-prison, Kenner frequently speaks publicly on issues of education and criminal justice. He is also co-founder of the Consortium for the Liberal Arts in Prison, which supports colleges and universities in establishing college-in-prison projects nationwide, and also of the Bard Microcollege, which establishes rigorous, tuition-free college opportunity within urban areas in partnership with community-based institutions.

At Bard College, Kenner serves as Vice President for Institutional Initiatives and Advisor to the President on Public Policy & College Affairs. He has been a fellow-in-residence at the Charles Warren Center for Studies in American History at Harvard University and has served on Governor Andrew Cuomo's New York State Council on Community Re-Entry and Reintegration since its inception. He is the recipient of many awards including the John F. Kennedy Presidential Library's New Frontier Award and the Smithsonian American Ingenuity Award in Education. Under his stewardship, BPI has figured prominently in the media, including but not limited to features on 60 Minutes, PBS News Hour, the New York Times Magazine, and the Washington Post. Most recently, BPI and its students were subjects of the acclaimed documentary film *College Behind Bars*, directed by Lynn Novick, produced by Sarah Botstein and executive produced by Ken Burns. *College Behind Bars* aired nationally on PBS in November 2019.

Mr. Max Kenner



Schedule of Panel Presentations

SESSION I

MPR A

MPR B

<p>9:40am</p>	<p><i>The Effect of Topography on Soil Characteristics, Diversity and Biomass in Interior Plots of SUNY Old Westbury Forest.</i> †SURC</p> <p>Jyoti P. Mehta</p> <p>Sponsor: Fernando Nieto, PhD</p>	<p><i>The Effects of Neurodevelopmental Lead Exposure on the Neuwirth™ Holeboard Test.</i></p> <p>Pehal Singh</p> <p>Sponsor: Lorenz S. Neuwirth, PhD</p>
<p>9:55am</p>	<p><i>The determination of vitamin C and Metal ions in fresh fruits.</i> †SURC</p> <p>Lashawny Nash</p> <p>Sponsor: Ruomei Gao, PhD</p>	<p><i>Use of Project management Skills with Knowledge Areas and Processes in the Design of Students' Mindfulness System (SMS).</i> †SURC</p> <p>Joseph Kohler</p> <p>Sponsor: Alireza Ebrahimi, PhD</p>
<p>10:10am</p>	<p><i>The Peculiar Relationship Between The United States and Economic Rights.</i></p> <p>Jacob L. Mott</p> <p>Sponsor: Wendy Brandes, JD</p>	<p><i>Sunchoke Garden: Using web color code with green technology to sustain and preserve nature.</i> †SURC</p> <p>Pooja Aiyar, Abhay Arora</p> <p>Sponsor: Alireza Ebrahimi, PhD</p>
<p>10:25am</p>	<p><i>The Illusory Power of Serena Joy: A Feminist Analysis of Power Representation in Margaret Atwood's The Handmaid's Tale.</i></p> <p>Lauren Fowler</p> <p>Sponsor: Jessica Williams, DA</p>	

SESSION II

MPR A - English Department

MPR B

11:20am	<p><i>The Image of Africa in Chinua Achebe and Joseph Conrad.</i></p> <p>Nicole Hart</p> <p>Sponsor: Deepa Jani, PhD</p>	<p><i>An Assessment of Taurine as a Nootropic in Aged Male Rats in The Attention Set-Shift Test. †SURC</i></p> <p>Alisha L. Ulloa, Geanelle R. Sam</p> <p>Sponsors: Lorenz S. Neuwirth, PhD, Bright U. Emenike, PhD, Randy Stout, Jr., PhD (NYIT)</p>
11:35am	<p><i>Gender Issues in J.M. Coetzee's Waiting for the Barbarians and Disgrace.</i></p> <p>Ashley Quintana</p> <p>Sponsor: Deepa Jani, PhD</p>	<p><i>The Significance of The Sewing Machine in Women's History.</i></p> <p>Emily Shea</p> <p>Sponsor: Carol Quirke, PhD</p>
11:50am	<p><i>Postmodernism Vs Realism in J.M. Coetzee's Foe and Disgrace.</i></p> <p>Kaiya Jordan</p> <p>Sponsor: Deepa Jani, PhD</p>	<p><i>Toward a Highly Customizable and Efficient Tracing System. †SURC</i></p> <p>Jason Standfast</p> <p>Sponsor: Mohamed E. Khalefa, PhD</p>
12:05pm	<p><i>The Androgynous God That Broke Gender Roles.</i></p> <p>Tatianna Pizarro</p> <p>Sponsor: Deepa Jani, PhD</p>	<p><i>Using project management to aid in student mindfulness.</i></p> <p>Julie Yamond</p> <p>Sponsor: Alireza Ebrahimi, PhD</p>
12:20pm	<p><i>Theme of Torture in J.M. Coetzee's Waiting for the Barbarians and Foe.</i></p> <p>Melanie Vespa</p> <p>Sponsor: Deepa Jani, PhD</p>	<p><i>Education has a strong and long-lasting effect on prisoners.</i></p> <p>Olivia Hayde</p> <p>Sponsor: Diana Papademas, PhD</p>
12:35pm	<p><i>The Transnationalism Experience based upon Trauma.</i></p> <p>Leonela Herrera</p> <p>Sponsor: Deepa Jani, PhD</p>	<p><i>A Sustainable Green Campus: Committing to Reducing Energy and Technology Footprint. †SURC</i></p> <p>James Seraphin</p> <p>Sponsor: Maureen Dolan, PhD</p>

SESSION III

MPR A

4:00pm	<i>Urban Environment and Community Belonging.</i> Donna Saravia Sponsor: Svetlana Jović, PhD
4:15pm	<i>Brownsville social determinants of health: the health troubles of a neighborhood.</i> Lauren Lawrence Sponsor: Rahwa Haile, PhD
4:30pm	<i>Maximizing the students' engagement for improving the quality of online courses: A case of an effective online engagement. †SURC</i> Gianna Chiarello Sponsor: Alireza Ebrahimi, PhD
4:45pm	<i>To determine the relationship between the gendering of a language and the gendering of dysphemistic terms commonly used in that language.</i> Nathan Jainchill Sponsor: Runi Mukherji, PhD
5:00pm	<i>The Effects of Covid on University Students' sense of Belonging.</i> Chrisline Boyer Sponsor: Runi Mukherji, PhD

SESSION IV

MPR A Graduate Students

MPR B

5:30pm	<p><i>Mindfulness in the Classroom.</i></p> <p>Jailyn Gonzalez</p> <p>Sponsor: Lina Gilic, PhD</p>	<p><i>Are Gender Neutral Bathrooms the New Norm?</i></p> <p>Ashley Santos-Siguenza</p> <p>Sponsor: Runi Mukherji, PhD</p>
5:45pm	<p><i>To predict the direction of the DJIA using a Logistic Regression Model.</i></p> <p>Amr Ibrahim, Philip Chau, Emily Mastrocola, Christian Petersen, Preetam Saha, Kayla Thompson</p> <p>Sponsor: Lan Zhao, PhD</p>	<p><i>Language and Resistance in J. M. Coetzee's Life and Times of Michael K and Foe</i></p> <p>Sarah Braja</p> <p>Sponsor: Deepa Jani, PhD</p>
6:00pm	<p><i>Fake Review Detection with Machine Learning.</i></p> <p>Ryan Ackerman</p> <p>Sponsor: Renu Balyan, PhD</p>	<p><i>Silence as Passive Resistance in J. M. Coetzee's Waiting for the Barbarians and Life and Times of Michael K.</i></p> <p>Myslande Destra</p> <p>Sponsor: Deepa Jani, PhD</p>
6:15pm	<p><i>Detecting Misinformation from Russia-Ukraine Twitter Info-War.</i></p> <p>Philip Chau</p> <p>Sponsor: Shebuti Rayana, PhD</p>	<p><i>ChatGPT from Students' Perspectives: Good or Bad?</i> †SURC</p> <p>Silvia Merlos Meza</p> <p>Sponsor: Alireza Ebrahimi, PhD</p>
6:30pm	<p><i>Streamlining Literature Review with Machine Learning.</i></p> <p>Vladislav Yashaev</p> <p>Sponsors: Mohamed E. Khalefa, PhD, Renu Balyan, PhD</p>	<p><i>An Assessment of Strain- And Visual Pigmentation-related Differences in Neurocognitive And Neurobehavioral Outcomes in the Transgenic Cohen's Alzheimer's Disease Rat Model.</i></p> <p>Benjamin Durisile</p> <p>Sponsor: Lorenz S. Neuwirth, PhD</p>
6:45pm	<p><i>Galaxy-Based Workflow for ChIP-seq Data Analysis.</i></p> <p>Amr Ibrahim</p> <p>Sponsor: Christos Noutsos, PhD</p>	<p><i>Evolution rates of actinobacteria viruses' genes in the DB cluster.</i></p> <p>Rania Raja, Katherine J. Kopchuk</p> <p>Sponsor: Christos Noutsos, PhD</p>

Poster Presentations

Multi-Purpose Room C
Common Hour 2:40pm – 3:40pm

Biological Sciences

Investigating The Molecular Mechanism Of Obesity-Associated Chronic Inflammation: A Time-Dependent Study of Metabolic Activated Macrophages.

Agustin Beas Romero

Sponsor: Zulema Cabail, PhD

Differential responses of murine macrophage and microglia to 1,4 dioxane. †SURC

Daniel Blake, Ravina Jacob

Sponsor: Zulema Cabail, PhD

What distinguishes you as a worker or a queen, eusocial shrimp?

Christina Corye

Sponsor: Solomon Chak, PhD

Mycobacteriophage Isolation and Characterization from local soils in Long Island. †SURC

Melia Mirdha, Sophia Yakubov, Akhila Kanneganti

Sponsor: Fernando Nieto, PhD

Investigating gene functions in the F1 cluster phage Akhila.

Amrushaa Jyoti Muralidhar

Sponsor: Jillian Nissen, PhD

The Annotation and Analysis of the Critical Gene, Lnk, in the Insulin Signaling Pathway across the Drosophila Genus. †SURC

Deep Patel

Sponsor: Solomon Chak, PhD

The Annotation of STUB1 and poly in Drosophila in fruit flies.

Tara Pinnock

Sponsor: Solomon Chak, PhD

Does caffeine affect the diversity of the oral microbiome? †SURC

Kayla Riley

Sponsor: Fernando Nieto, PhD

Investigating sexually dimorphic microglial phenotypes through transcriptome analysis. †SURC

Emaan Tariq

Sponsor: Jillian Nissen, PhD

Poster Presentations

Multi-Purpose Room C
Common Hour 2:40pm – 3:40pm

Business Administration

COIL: Developing Entrepreneurship in Colima, Mexico.

Sasha Pereyra, Rafie Baez, Matthew Porto, Nikayla Hyatt

Sponsor: Madeline Crocitto, PhD

Chemistry & Physics

Effect of JTT-551 inhibitor on the catalytic activity of WT and G220D PTP1B. †SURC

Melodie Cadichon, Thiago Figueiredo, Ariel Shalov

Sponsor: Youngjoo Kim, PhD

Solvent Effects on the Crystal Morphology of L-Ascorbic Acid.

Viva A. Paintsil

Sponsor: Camille Jones, PhD

Effect of pH on 6-TG sensitization.

Hania Riaz

Sponsor: Ruomei Gao, PhD

Thermal Analysis Method Development for the Eutectic Determination of Fatty Acids.

Michael J. Urem

Sponsor: Camille Jones, PhD

Mathematics & Computer Information Systems

Understanding the Decision-Making Process of Transfer Students through Social Media Data Analysis: An application of Topic Modeling.

Rudy Caraballo

Sponsor: Shebuti Rayana, PhD

Politics, Economics & Law

Analysis of whether the trend towards AI centered hiring practices leads to negative ramifications with regards to workplace diversity and transparency in hiring opportunities.

Asma Halimi

Sponsor: Thomas J. Lilly, JD

Poster Presentations

Multi-Purpose Room C
Common Hour 2:40pm – 3:40pm

Psychology

An Analysis of Psychological State Expressions in College Students' Letters to Themselves.

Jade Hang, Angelina Gagliardi

Sponsor: Svetlana Jović, PhD

An Affinity Towards Conflict Avoidance May Predict Relationship Satisfaction.

Miura Traficante

Sponsor: Svetlana Jović, PhD

Sociology

Black Midwives Using Instagram to Celebrate Physiologic Birth: A Content Analysis Project.

Bianny Veras

Sponsor: Keisha Goode, PhD

Art & Media Presentations

Multi-Purpose Room C

Common Hour 2:40pm – 3:40pm

Artists Sponsored by Catherine Bernard, PhD

Operation Werewolf based on NASA's Artemis Missions, with a fictional twist.

Jake Mascolo

Various displays of acrylic paintings.

Myrian Mery

A digital representation of the environmental crisis taking place in the Amazonian Region.

Vanesa Soto

Wood portraits using assemblages and paint to display multicultural head wear.

Bobby Thomas

Acknowledgements

Student Research Day would not have been possible without the support of the School of Arts and Sciences, the School of Business, the School of Education and the School of Professional Studies.

We gratefully acknowledge Dr. Timothy Sams, President of SUNY Old Westbury; John Dell'Olio, senior, undergraduate Visual Arts major, for the design of the Student Research Day poster and program cover; Patricia Harris, Chairperson and Associate Professor of the Visual Arts department, for overseeing the poster competition and the program cover design; Justin Spero, Print Manager of the Campus Print Shop, for printing the programs and research day posters; Monique Clark, Co-director of the CSTEP/LSAMP program, for printing the student presentation posters; Maynard Henry, Digital Media Technician and the entire Information Technology Services team; Sheila Meehan, Director of Dining Services, and her team at Chartwell's for the refreshments; Mike Dolan, Director of Facilities Rentals, and his team for the organization of the multi-purpose rooms; our student moderators, department liaisons and all the session volunteers; and the entire campus community who supported the research and creative efforts of the students by attending the sessions. The Student Research Day Committee appreciates and acknowledges the merger of the English Department's Student Conference on Language and Literature with the annual Student Research Day Conference. Finally, we recognize the time, energy and wisdom of our wonderful keynote speaker, Mr. Max Kenner.

Research Day Committee

Renu Balyan, Assistant Professor, Mathematics & Computer Information Science
Erik Benau, Assistant Professor, Cognitive Psychology
Betty Barbari, Assistant Dean, School of Arts and Sciences
Monique Clark, Co-director, CSTEP & LSAMP
Alireza Ebrahimi, Associate Professor, Management, Marketing & Finance
Lina Gilic, Assistant Professor, Exceptional Education & Learning
Eric Hagan, Assistant Professor, Visual Arts
Deepa Jani, Assistant Professor, English
Andrew Matson, Tenured Instructor, Director of Student Media, American Studies
Christos Noutsos, Assistant Professor, Biological Sciences
Simisola Shabi, Undergraduate student, Biological Sciences
Lorraine Todisco, Director, Career Services, External Relations & Administration
Ryoko Yamamoto, Associate Professor, Sociology



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- ▶ Global citizenship
- ▶ Peace and conflict resolution
- ▶ Addressing poverty
- ▶ Sustainability
- ▶ The "unlearning" of intolerance

Cristina Gallach

Under-Secretary-General for Communications and Public Information
Department of Public Information
United Nations

Student Research Day

Research & Responsibility

Dr. Sandra Dunn 2009

Idealism through Pragmatism

Richard Amper 2010

Food for Thought

James Early 2011

R/Evolution

Dr. Guobin Yang 2012

Build Back Better

Stephen Teret, JD 2013

**2023
Rights & Responsibilities**

Max Kenner

Show & Tell

Chiqui Esteban

2022

SURC virtual

Dr. Robert Muscil

2021

COVID 2020

Research for Change

Dr. Faye Ginsburg

2019

Space

Dr. Frances Piven

2014

Culture & Community

Peggy Shepard

2015

Silence & Voice

Dr. Madeline Fox

2016

Leveling the Playing Field

Carmen Perez 2017

Movement & Motion

Dr. Sylvester Gates

2018