

2022 STUDENT RESEARCH DAY

SHOW AND TELL

Keynote Speaker:

Chiqui Esteban

Chiqui Esteban works as Graphics Director at The Washington Post. Before joining The Post, he worked as Deputy Director of Art, Graphics and Maps at National Geographic and Graphics Director at The Boston Globe.

1:00PM - 2:30PM

Monday, April 25th, 2022

Student Union MPR

Monday April 25th, 2022

Conference Schedule

9:40 am – 11:10 am	Oral Presentations: Session I MPR A & B
11:20 am – 12:50 pm	Oral Presentations: Session II MPR A & B
1:00 pm – 2:30 pm	Welcome to “Show and Tell” MPR B Keynote Speaker: Mr. Chiqui Esteban <i>Beyond words: how graphics have become a success story in journalism</i>
2:30 pm – 3:40 pm	Art Exhibits & Poster Sessions MPR C
3:50 pm – 5:20 pm	Oral Presentations: Session III MPR A & B
5:30 pm – 7:00 pm	Oral Presentations: Session IV MPR A & B

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

KEYNOTE SPEAKER
1:00-2:30pm
Multi-Purpose Room B Via Zoom
[Register via Zoom](#)

Mr. Chiqui Esteban

Beyond words: how graphics have become a success story in journalism

Mr. Chiqui Esteban started working for *The Washington Post* in March 2016 and became the Graphics Director in January 2018.

Before joining *The Washington Post*, he worked as Deputy Director of Art, Graphics and Maps at *National Geographic* and Graphics Director at *The Boston Globe*.

Mr. Esteban's honors and awards include multiple international news design awards, including the Society for News Design, the European Newspapers Award, the Online Journalism Award, as well as many others. He received the prestigious Malofiej Award for Infographics, for accomplishments in journalistic infographics.

Mr. Esteban received his bachelor's degree in journalism from the Universidad de Navarra in Spain.



Schedule of Oral Presentations

SESSION I

MPR A

MPR B - Graduate Students

9:40	<i>Impact of Covid-19 Pandemic on Academic Performance of College Students</i> Saima Chaudhury Sponsor: B. Runi Mukherji, PhD	<i>How can I help you? – An NLP-based Hospital Chatbot</i> Ryan Ackerman Sponsor: Renu Balyan, PhD
9:55	<i>Group Research on Effective Business Engagement in Spain</i> Agnieszka Pascucci Sponsor: Madeline Crocitto, PhD	<i>Detection of Fraud Rings using Neo4j</i> Asad Imam & Michael Burrell Sponsor: Renu Balyan, PhD
10:10	<i>Gender and Expectations of Parenthood</i> Susan Issa Sponsor: Jill Crocker, PhD	<i>Analysis of Covid Contact Tracing Based on Neo4j</i> Monizah Mahmood & Fang Zhou Sponsor: Renu Balyan, PhD
10:25	<i>Sociodemographic Influences on Self-monitoring and Gender Role Bias</i> Mellisa Watson Sponsor: Svetlana Jović, PhD	<i>A Graph-based Analysis of Airbnb Data</i> Niloofar Nayebehezaveh & Sukhpreet Kaur Sponsor: Renu Balyan, PhD
10:40	<i>Finding Cosmic Strings with Black Hole-Pulsar Binaries</i> Sameer Ahmed, Mohammad Mian Sponsor: Matthew Lippert, PhD	

SESSION II

MPR A - English Department

MPR B

11:20	<p><i>The Contrast Between Conrad and Achebe's Portrayal of Africa</i></p> <p>Gianna Ventiere</p> <p>Sponsor: Deepa Jani, PhD</p>	<p><i>Incorporating Project Management Techniques and Tools for Student Life at College: A case of customized degree evaluation</i></p> <p>Jordan Hess</p> <p>Sponsor: Alireza Ebrahimi, PhD</p>
11:35	<p><i>Is Language What Makes Us Human?</i></p> <p>Nicole Stephens</p> <p>Sponsor: Deepa Jani, PhD</p>	<p><i>Meditation and Stress Management for College Students Before, During or After Class: A research study of students at Old Westbury.</i></p> <p>Julie Yamond, Tristen Frederick-Branch & Ravelle Gittens</p> <p>Sponsor: Alireza Ebrahimi, PhD</p>
11:50	<p><i>The Comparison of Ambrose and Oscar and Their Search for Identity</i></p> <p>Anastasia Campbell</p> <p>Sponsor: Deepa Jani, PhD</p>	<p><i>Generic Web System for Students' Awareness Cases: Research on knowledge transfer, from COVID, to Sunchoke, and meditation</i></p> <p>Abisola Odusanwo, Vincent Ricevuto, Nikayla Hyatt & Brandon Luk</p> <p>Sponsor: Alireza Ebrahimi, PhD</p>
12:05	<p><i>Woolf and Diaz Do History</i></p> <p>Jennie Solomkin</p> <p>Sponsor: Deepa Jani, PhD</p>	<p><i>Sunchoke substitution for potato chips as a healthy diet for students: Grow, eat, and heal project</i></p> <p>Nahid Fatmi, Sirajuddin Siddiqui, Leeann Williams & Kiranvir Kaur ++SURC</p> <p>Sponsor: Alireza Ebrahimi, PhD</p>
12:20	<p><i>Language: A Gift and A Weapon</i></p> <p>Karina Nunez</p> <p>Sponsor: Deepa Jani, PhD</p>	<p><i>Sunchoke Flowers and Honey Beehive: A Research Study from Old Westbury's Sunchoke Garden</i></p> <p>Fatima Lo, Nahid Fatmi, Sirajuddin Siddiqui, Pearl Shie & Pavit Singh ++SURC</p> <p>Sponsor: Alireza Ebrahimi, PhD</p>
12:35	<p><i>A Voice for the Underdog: A look at novels by J.M. Coetzee</i></p> <p>James Santoro (recording)</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</i></p> <p>Geanelle R. Sam & Alisha L. Ulloa ++SURC</p> <p>Sponsor: Lorenz S. Neuwirth, PhD & Bright Emenike, PhD</p>

SESSION III

MPR A

MPR B

3:50	<p><i>Lessons from the Strange Case of Dr. Jekyll and Mr. Hyde</i></p> <p>Jacob Mott</p> <p>Sponsor: Paul Shaw, PhD</p>	<p><i>Changes in Metabolic Factors in Alzheimer's Disease</i></p> <p>Patricia Joseph</p> <p>Sponsor: Kinning Poon, PhD</p>
4:05	<p><i>Access to Immigrant Healthcare: Indian Immigrants and their Quality of Healthcare</i></p> <p>Ayushi Bhanot</p> <p>Sponsor: Sarah Smith, PhD</p>	<p><i>Investigating gene functions in the F1 cluster phage Akhila</i></p> <p>Soban Choudry</p> <p>Sponsor: Jillian Nissen, PhD</p>
4:20	<p><i>SUNY Old Westbury Student's Sense of Belonging on campus</i></p> <p>Janay Jackson</p> <p>Sponsor: Erin Toolis, PhD</p>	<p><i>Microglial sexual dimorphism in glioblastoma multiforme</i></p> <p>Mohammad Mian & Sameer Ahmed</p> <p>Sponsor: Jillian Nissen. PhD</p>
4:35		

SESSION IV

MPR A

MPR B

5:30	<p><i>The relationship between identification with fictional television show characters and emotional attachment</i></p> <p>Tamahina Isabel Pierrot</p> <p>Sponsor: Svetlana Jović, PhD</p>	<p><i>Neurodevelopmental Lead Exposure Alters the Sensitivity of the Dopamine System Using Catalepsy Studies</i></p> <p>Zaid Ayaz</p> <p>Sponsor: Lorenz S. Neuwirth, PhD</p>
5:45	<p><i>Did They Say Yes? How Compliance to Sexual Assault and Harassment is Systemically Rooted in our Youth</i></p> <p>Gianna Palumbo</p> <p>Sponsor: Annessa Ann Babic PhD</p>	<p><i>An Assessment of Neurodevelopmental Lead Exposure on the GABA-Shift Key Regulatory Proteins</i></p> <p>Geanelle R. Sam</p> <p>Sponsor: Lorenz S. Neuwirth, PhD & Youngjoo Kim, PhD</p>
6:00	<p><i>Covid-19 and the Autonomy of Workers during the pandemic</i></p> <p>Kyle Schonmann</p> <p>Sponsor: Keisha Goode, PhD</p>	<p><i>Venture capital: case of Shark Tank</i></p> <p>Logan Rudolfsky</p> <p>Sponsor: Elena Smirnova, PhD</p>
6:15		

Poster Presentations

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

Biology

Evolutionary conservation of the STUB1 gene in the insulin signaling pathways across four Drosophila species

Joel Philip

Sponsor: Tin Chi Solomon Chak, PhD

Isolation and Characterization of novel Mycobacteriophages from Long Island soils

Waris Mirza, Bhavya Arora ++SURC

Sponsor: Fernando Nieto, PhD

Chemistry

Quantifying Hydrogen-bond Induced Conformational Changes

Amiel Farshadmand

Sponsor: Bright Emenike, PhD

Effect of JTT-551 on the activity of K197E PTP1B

Ariel Shalonov & Chyna Clarke

Sponsor: Youngjoo Kim, PhD

Public Health

Vaccine Hesitancy Among the Latinx Population

Stephanie Martinez-Ponce

Sponsor: Sarah Smith, PhD

Psychology

Religiosity/Spirituality and Academic Performance in College Students

Inayah Burton

Sponsor: Meesuk Ahn, PhD

College Students' Subjective Experiences of Mental Health Challenges and Mental Health Services Seeking

Jade Hang, Denae Wheeler & Olivia Ryan

Sponsor: Sarah Kamens, PhD

Impact of Income Inequality and Wage Stagnation on Perceived Social Class Status

Mary Flowers-Burke

Sponsor: Ashlee Lien, PhD

The Journey to Being a Nonbinary Individual

Kristen Sorber

Sponsor: Ashlee Lien, PhD

Art & Media Presentations

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

Artists Sponsored by Professor Patty Harris

Digital images designed around data

Pinliang Chu, Nithiya Nithiananthan, Dania Nolasco, Kevin Santiago & Julie Yamond

Artist Sponsored by Professor Catherine Bernard

Self Help

James Ferrara

Artist Sponsored by Professor Betty Berbari

Lifeless

Nicolas Vega

Acknowledgements

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We also gratefully acknowledge Dr. Timothy Sams, President of SUNY Old Westbury; Jamie Hang for the design of the Student Research Day poster and the program cover; Patty Harris and the Department of Visual Arts for overseeing the poster competition and the program cover design; our student moderators and all the student session volunteers; Justin Spero at the Print Shop for the printing of the programs and the research day posters; Monique Clark Co-director of the CSTEP/LSAMP program for printing the student presentation posters; Maynard Henry and the entire IT Team; Sheila Meehan and her team at Chartwell's for the refreshments; Mike Dolan and his team for room setup; and the 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. We are so thankful to Dr. Alberto Cairo, our kick-off event keynote speaker. Dr. Cairo's recent book *How Charts Lie* was the inspiration behind his presentation, Data Visualization for Communication. Finally, we recognize the time, energy and wisdom of our wonderful keynote speaker, Mr. Chiqui Esteban.

Research Day Committee

Renu Balyan, Assistant Professor, Mathematics & Computer Information Science

Betty Berbari, Assistant Dean, School of Arts and Sciences

Monique Clark, Co-director, CSTEP & LSAMP

Lina Gilic, Assistant Professor, Exceptional Education & Learning

Eric Hagan, Assistant Professor, Visual Arts

Deepa Jani, Assistant Professor, English

Sejong Jung, Assistant Professor, Gerontology & Lifespan Developmental Psychology

Andrew Matson, Tenured Instructor, Director of Student Media, American Studies

Lorenz S. Neuwirth, Assistant Professor, Biopsychology, Developmental Behavioral Neuroscience & Neuropsychology

Christos Noutsos, Assistant Professor, Biological Sciences

Lorraine Todisco, Director, Career Services, External Relations, & Administration

Ryoko Yamamoto, Associate Professor, Sociology

SUNY Old Westbury is a member of the United Nations Academic Impact.

