

20th
Annual

20th STUDENT PROJECT & SYMPOSIUM
RESEARCH

Thursday, April 18 | 9:00am – 1:30pm
AH/BT Quad

IN CONJUNCTION WITH THE
Annual Community
Open House Day

Student Application Deadline:
Monday, April 8 | Noon
CASH PRIZES

www.sdcity.edu/symposium

APPLY
NOW!

SAN DIEGO
CITY COLLEGE

20th Annual San Diego City College Student Project & Research Symposium

April 18th, 2024



Dear Students, Campus Colleagues and Community Friends:

It is my great pleasure to welcome students, faculty, and the community together to celebrate the San Diego City College Annual Student Project and Research Symposium. This “Celebration of Student Excellence” is a campus-wide event recognizing the outstanding achievements of our students and the dedication of our faculty to student success.

Each year the Symposium exceeds its success from the previous year in attendance and participation. For 2024 60+ students representing more than 12+ academic majors, showcase their best work through: 35 Poster Presentations, 5-minute Research/Multi-media, our famous Communication Showcase, Spoken Word, performances, demonstrations, and Fine Art displays.

I welcome you to explore and learn more about our mission and values and understand why our campus community is so proud of our students. Although we come from different places, we join together here at City College focused on one goal: student success. Collaborating together, the City College Symposium melds the extraordinary efforts of faculty mentors and hard-working students to create a body of research work with endless possibilities for advanced studies across many disciplines.

On behalf of our entire college, I commend the Symposium Committee, for the planning and collective efforts in bringing this signature event to life for the campus and community to enjoy.

Sincerely,

A handwritten signature in black ink, appearing to read 'Ricky Shabazz'. The signature is fluid and stylized, with a large, sweeping flourish at the end.

Ricky Shabazz, Ed.D.
President
San Diego City College
rshabazz@sdccd.edu

Dear City College Community and Guests:

It is with great pride that we welcome you to the 20th Annual City College Student Project and Research Symposium. Today you will tap deeply into the spirit of City College, and it is going to be a great experience for you. As a visitor, you will see, hear and feel the blossoming talents of many of our finest students, who have proudly brought their creative work to our San Diego City College YouTube channel to share with you - *their college family and community friends*. You will marvel at the discipline, dedication and hard work that have been invested in their projects. And you will be inspired by the enthusiasm and inventiveness that permeates every display and performance.

This Symposium will highlight a multitude of research questions, showcase inquiry, critical analyses and scholarship. What does the symposium represent to us at City College?

- First and foremost, a vibrant campus community actively engaged in the pursuit of knowledge, the research process, creativity and excellence.
- The breadth of experiences and opportunities available to students - whether they're in physical or life sciences, mathematical pursuits or creative and performing arts.
- The inclusivity and diversity of our community.
- Our college commitment to student learning realized.
- Respect and support of our student achievements.
- A realization that there are no boundaries on what individual students can either learn or become at City College.
- That there are no limits! This Symposium is but a first step for students as they continue their quest for knowledge and future achievement.

Today you will become an important player on our stage, in some ways as important as the presenters themselves! As proud as they may be about their work, you see, until today it has largely been unexpressed, unseen, unappreciated by others. And students, like any other performers, need to play to an audience. Indeed, it's you – *their audience*, who gets to spark the real fun today, and ignite the joy of sharing, and fan the flame of pride and self-confidence. So please, everyone, jump right in and bring your excitement and enjoyment for all of us to share. Make it a point to pause often among the displays, introduce yourself to a proud but nervous presenter or performer, ask them about their work or future plans, and sprinkle a handful of compliments as you pass. Your applause will last them a lifetime!

We invite you to help judge the presentations. At the information table are judging rubrics and ballots. The overall award will be given by President Shabazz. The School of Mathematics, Sciences, and Nursing Education award by Dean Leticia Lopez, and the School of Arts, Humanities, Communications & Telecommunications award by Dean Andy MacNeill. Special Achievement awards are given by the organizing committee. Your help, even as a guest, will validate the selection process.

We're so glad you're here - *enjoy the Symposium!*

Symposium Organizing Committee:

Misael Camarena, Professor of Mathematics
Erin Engstrom, Professor of Communication
George Jessup, Professor of Mathematics
Deanna Shelton, Professor of Communication
María-José Zeledón-Pérez, Professor of Communication

G. Timothy Gross, Associate Professor of Anthropology
Arnie Shoenberg, Professor of Anthropology
David Howard, Welcome Home City Case Manager
Marilyn Espitia, Professor of Sociology
Kirsten Christensen, Assistant Professor of Psychology
Lupita Lance Counselor/Faculty, DSPS
Patricia Fernandez, Supervisor Duplicating

20th Annual Student Project and Research Symposium

Posters 9:10-1 in AH/BT Quad;
Communication Showcase 9:35-11 in AH306;
5-minute Research/Multi-media 11:10-12:20 in AH306;
Spoken Word 12:30 in AH/BT Quad; Awards 1:30 in AH/BT Quad

Our Poster Presenters



1. Exploring DNA Recombination: The Identification of the Hop1-CBR and histone H3K4me3 Interaction

Jesse Garcia Laird
Mentor: Heather McGray

Major: Biochemistry

2. The Calculus of the Economy

Alexander Moncada
Mentor: Jenny Kimm

Major: Economics

3. Life History Project: AirPods

Alexander Moncada
Mentor: Sarah Pitcher

Major: Economics

4. HOW LONELINESS IMPACTS COMMUNITY COLLEGE STUDENTS: ASSESSING SELF- REPORTED INSTITUTIONAL ENGAGEMENT, MENTORSHIP, AND BELONGING

**Nicholas Lazaris, Daniel Medina,
Drew Diermeier**

Mentor: Kirsten Christensen

Major: Sociology

Major: Clinical Psychology

5. Fusion vs Fission

Gabriella Paige Beard

Mentor: Ashley Tamura

Major: Biology

6. Connections between Race and Mental Health Disparities Among College Students

Mikha Alcantara

Mentor: Jenny Kimm

Major: Allied Health – Pre-Nursing

7. Gun Safety In California

Nicole Duston

Mentor: Misael Camarena

Major: Business

8. Earthquake

Jamesley Toussaint

Mentor: Misael Camarena

Major: Finance



9. An Immigrants Journey

Jamesley Toussaint

Mentor: Misael Camarena

Major: Finance

10. Mental Health In College Students

Noelani Oba

Mentor: Misael Camarena

Major: Theater

11. MATH116 X

Victoria Langenberg

Mentor: Misael Camarena

Major: Psychology

12. The Story A Few Cut-Marks Can Tell: Analyzing Archaeological Artifacts

William Deen Parke

Mentor: Dr. G Gross

Major: Anthropology

13. Air Quality In San Diego Over The Years

Joan Uzarraga, Victoria Langenberg,

Andrea Ramirez

Mentor: Misael Camarena

Major: Environmental Sciences

14. Statistics & Analytics of sales for Mc'Donalds

Kevin Fernando Zamora, Aaron Nava

Mentor: Misael Camarena

Major: Business

15. Social Media as an Agent of Political Polarization

Sierra Joab

Mentor: Nicholas Boushee

Major: Law, Public Policy and Soc.



16. San Diego's High Rent Increase in the past decade

Diana De La Torre Molinero, Stephanie Garduno

Mentor: Misael Camarena - Mathematics

Major: Business Administration

17. Mathematical Aspects of Hair Design

Elizabeth C Lopez

Mentor: Misael Camarena

Major: Business Management

18. The connection between mental health outcomes and exercise

Oscar Javier Venegas Mercado

Evan Peralta

Mentor: Misael Camarena

Major: Biology

Major: Film

19. Biochemistry at the Intersection of True Crime and Botany

Queenie Sam

Mentor: Misael Camarena

Major: Biology

20. The Numbers Within Tennis

Bernardo Ariel Martinez Gonzalez

Mentor: Misael Camarena

Major: Biology

21. The Suspicious Rise of Cancer and Heart Ailments

William S Gosset

Mentor: Misael Camarena

Major: Applied Mathematics

22. AB705, 1705 and Poverty

Alejandra Espinoza

Mentor: George Jessup

Major: Biology Allied Health

23. _____

Mentor: _____

Major: _____

24. _____

Mentor: _____

Major: _____

25. _____

Mentor: _____

Major: _____

26. _____

Mentor: _____

Major: _____

27. _____

Mentor: _____

Major: _____

28. _____

Mentor: _____

Major: _____

29. _____

Mentor: _____

Major: _____

30. _____

Mentor: _____

Major: _____

COMMUNICATION SHOWCASE

~ Communication Studies ~ Digital Journalism ~ Radio/TV/Film ~

~ Thursday, April 18 ~ 9:35-11:00 ~ AH306 ~



- 1. Land of the Rising Sun**
Brandon Mills and Teri Monte
Mentor: Ambarta Noor
Informative Speech
COMS 103
- 2. Ramadan**
Na'Dia Raines
Mentor: Ambarta Noor
Informative Speech
COMS 103
- 3. City Times follows the progress of on-campus student housing**
Marco Guajardo and Keila Menjivar Zamora
Mentor: Nicole Vargas
Multimedia
DJRN 210-213
- 4. Live broadcasts of City College men's basketball home games**
Vince Outlaw and Joe Panek
Mentor: Nicole Vargas
Multimedia
DJRN 210-213
- 5. California Cryptid Cast**
Kyle Young
Mentor: Jodina Scazzola
Podcast
RTVF 130
- 6. The Rise of an Empire**
Anthony Sarmiento I*(voiced by listed below)
Mentor: Jodina Scazzola
Voice Over
RTVF 106
- 7. Great 108 PSA**
Gonzalo Ruiz
Mentor: Jodina Scazzola
Audio Production
RTVF 107
- 8. City College Promo**
Diana Villegas
Mentor: Bob Sly
Video Production
RTVF 124

**The Rise of an Empire Voiced by: Samuel Bennett, Michael Burrus, Roxanne Marie, Oshae Hawkins, Samuel Lopez III, Cristina Molina, Nathaniel Robb, Christopher Rollins, Anthony Sarmiento Angeles, Daniel Straus*

5-minute Research/Multi-media



1. **The Globalization of Literature: Where Does our Paper Come From and What Can it be Used For?**
Taylor Donahue Major: **Sociology**
Mentor: Sarah Pitcher

2. **The Globalization and Medicalization of Cannabis**
Sofia Hill Major: **Sociology**
Mentor: Sarah Pitcher

3. **Psychological Benefits of Shadow Work**
Gabriella Paige Beard Major: **Biology**
Mentor: Melinda Battenberg-

4. **Beyond the Pink Ribbon: Healthcare Disparities in Breast Cancer Treatment**
Alonna Holsey Major: **Allied Health**
Mentor: Minxui Wang

5. **Voices on the Margins: Political Science Perspectives on San Diego's Unhousing Crisis**
Irela Cota Major: **Law Public Policy**
Mentor: Nicholas Boushee

6. **Then & Now**
Nathaly Alvizures Major: **RTVF/Photography**
Mentor: Cesar Gumapas

7. _____ Major: _____

Mentor: _____

8. _____ Major: _____

Mentor: _____



1. **Love Within & Without**
Andrew White
Mentor: Erin Engstrom
Major: Communication Studies 2.0

2. **My Life Then and Now**
Howard Harold T (NAPPY)
Mentor: Erin Engstrom
Major: Communications

3. **Letters to a God Unknown**
Mari-Cheri Drapiza
Mentor: George Jessup
Major: Studio Art

4. **Gabriel**
Rosalba Barajas
Mentor: Ambarto Noor
Major: Business

5. **Covevencia**
Raul Solis
Mentor: Elizabeth Meehan
Major: Chemistry

6. _____

Mentor: _____
Major: _____

7. _____

Mentor: _____
Major: _____

8. _____

Mentor: _____
Major: _____



The Symposium Organizing Committee would like to acknowledge the essential contributions made by students, faculty, staff and administrators to ensure the quality and success of the Symposium. We are grateful for everyone's support and participation.

A special thank you to: Jim Sinegal Alumni who made this year's Awards possible; Dr. Ricky Shabazz - President of City College; Matilda Chavez – Vice President; Deans Andy MacNeill and Leticia Lopez – co-sponsors of this event; Cesar Gumapas Public Information Officer; the Academic Senate as co-sponsor of the Symposium; Associated Student Government; Transfer and Career Center our Open House partners; Patricia Fernandez Digital Print Production; and a special thanks to Victor Chen Website Administrator.

We are also grateful for the support and guidance of the Institutional Assessment Committee in our collective efforts to both demonstrate and improve student learning.

We wish to again thank all of the contributors to this event. We salute you! This program may not include some late additions and performances - unconfirmed at press time. We encourage you to stroll the grounds and seek out these fine later additions - and welcome them aboard!



CITY COLLEGE • MESA COLLEGE • MIRAMAR COLLEGE • CONTINUING EDUCATION

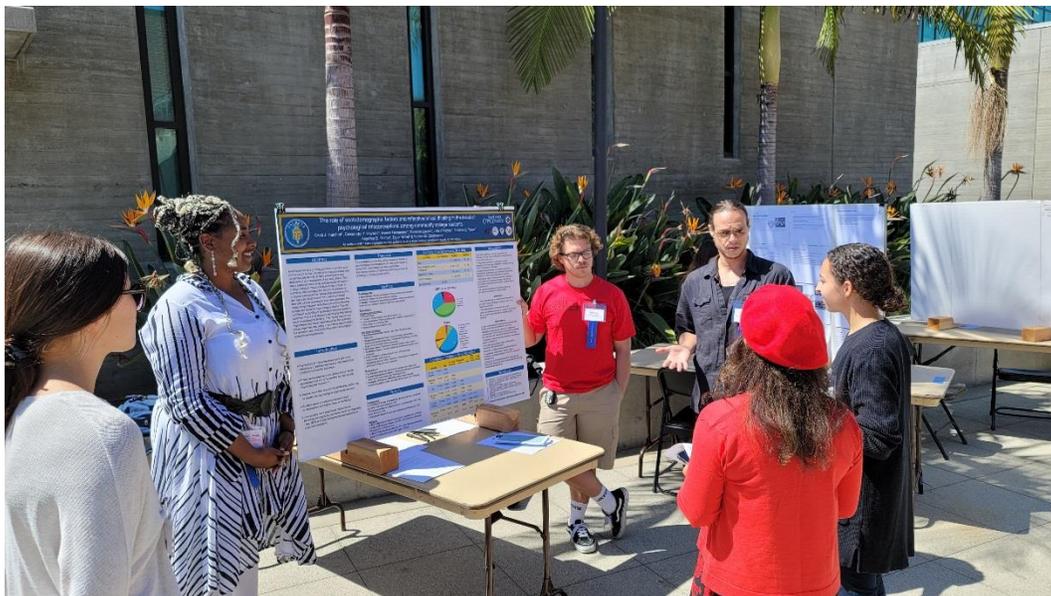


19th Annual Symposium Award Winners

President Shabazz-President's Award (\$500):

The Role of Sociodemographic Factors and Reflective/Critical Thinking in the Belief of Psychological Misconceptions Among Community College Students

Angelica Tharpe, Nick Lazaris, Corinne K. Regan, Cassie Hayashi, Jela Nebrija, Ivanna Springa, Dylan Wikel, Cecil Hatchett
Mentor: Kirsten Christensen



Poster Presentations

Dean Lety Lopez- Award (\$350):

Addressing adverse childhood experiences: characterizing the public health impact of disparate ACE scores

Alexis Celine Garcia

Mentor: Heather McGray



**Mr. "C" and Dr. "J" Award (\$300):
AB1705 and Poverty**

Alyssa Marie Guzman

Mentor: George Jessup



**Place Mr. "C" and Dr. "J" Award (\$150 each):
Mayan Mathematics**

Verenice Arroyo, Ashley Lopez

Mentor: Roberto Rubalcaba



Communication Showcase:

Dean Jeanie Tyler-Dean's Award (\$350):

Untitled (Documentary Short Film)

Nathaly Alvizures

Mentor: Cy Kuckenbaker



1st Place (\$300):

First Mexican-born female astronaut credits City College with launching career

Kathryn Gray

Mentor: Nicole Vargas & Peggy Peattie



**2nd Place (\$100):
The Art Director**

Josh Moriconi

Mentor: Cy Kuckenbaker



2nd Place (\$100):

Life, Lessons and Gratitude
Corey Martin *Mentor: Erin Engstrom*



Oral PowerPoint (now 5-min video) Presentations:

Dean's Oral PowerPoint 1st Place (\$300)

Alexis Celine Garcia



Oral PowerPoint Award 2nd Place (\$200):

High Brow Profits, Low Brow Wages

Maci Taylor

Mentor: Sarah Pitcher



Spoken Word:

1st Place Award (\$300):

Scar and Shower Thoughts

Gable Brannigan - Mentor: Robert Chambers



2nd Place (\$200):

My Life then and Now

H.T. Nappy Howard - Mentor: Erin Engstrom



SAN DIEGO CITY COLLEGE

sdcity.edu ~ Since 1914

1313 Park Boulevard
San Diego, CA 92101
619.388.3400
www.sdcity.edu
Ricky Shabazz, Ed.D.
President

The San Diego Community College District is governed by its Board of Trustees. No oral or written representation is binding on the San Diego Community College District without the express approval of the Board of Trustees.

Board of Trustees: (from left, back row) [Craig Milgrim](#), [Mary Graham](#), and (front row) [Geysil Arroyo](#), [Maria Nieto Senour, Ph.D.](#), [Bernie Rhinerson](#)..

Chancellor: Gregory Smith



Student Project & Research Symposium



Use this template to assist your ballot voting. Ballot link for Symposium:
<https://forms.gle/tcXjYkTUDmA7Z3hb6>

There are 5 Ballots on this one template. NA not applicable. Your brief comments below will be appreciated!				
Title/Presenter:				
Criteria	NA	Needs work	Good	Excellent
Engaging/entertaining				
Innovative/originality				
Delivery (verbal & non-verbal)				
Supporting details/ research/ evidence				
Presentation quality				
PresenterNumber:				
Criteria	NA	Needs work	Good	Excellent
Engaging/entertaining				
Innovative/originality				
Delivery (verbal & non-verbal)				
Supporting details/ research/ evidence				
Presentation quality				
PresenterNumber:				
Criteria	NA	Needs work	Good	Excellent
Engaging/entertaining				
Innovative/originality				
Delivery (verbal & non-verbal)				
Supporting details/ research/ evidence				
Presentation quality				
PresenterNumber::				
Criteria	NA	Needs work	Good	Excellent
Engaging/entertaining				
Innovative/originality				
Delivery (verbal & non-verbal)				
Supporting details/ research/ evidence				
Presentation quality				
PresenterNumber:				
Criteria	NA	Needs work	Good	Excellent
Engaging/entertaining				
Innovative/originality				
Delivery (verbal & non-verbal)				
Supporting details/ research/ evidence				
Presentation quality				
Please rank your top 2 preferences for them to win a cash prize:				
PresenterNumber:				
1st place:		2nd place:		

Any additional comments?

