

NEWSLETTER

OFFICE OF UNDERGRADUATE

RESEARCH SERVICES

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Note: Each underlined program title and student name on this page is clickable and will take you to the respective page

INTRODUCTION TO THE OURS NEWSLETTER

WELCOME TO THE **SPRING 2024** NEWSLETTER!

WHAT IS OURS:

The Office of Undergraduate Research Services (OURS), established in 2016, is charged with expanding undergraduate research opportunities to the California State University, Long Beach student body. OURS works in collaboration with staff and faculty in all CSULB Colleges, Divisions, and units to cultivate strong relationships in support of undergraduate research.

OURS OFFICE:

Please stop by our office in SSSC-120 to ask us any questions related to undergraduate research, meeting with a peer advisor, or regarding upcoming undergraduate research workshops.



Office of Undergraduate Research Services
Shakarian Student Success Center Suite 120

CONTACT INFORMATION

Phone: (562) 985-7754

Email: AA-Ours@csulb.edu

California State University, Long Beach
Shakarian Student Success Center,
Suite 120

END OF THE SPRING 2024 SEMESTER

We would like to commend all students, staff, and faculty for the work you do as part of the various undergraduate research programs this academic year. Congratulations and good luck in your future endeavors to the CSULB Class of 2024. For our new and continuing students, we look forward to working with you all this upcoming year as we return to campus for the spring semester.

Elyzza Aparicio, Ph.D.
OURS Director



A SPECIAL THANK YOU TO
DR. SIMON KIM!

Thank you to Dr. Simon Kim, Associate Vice President of Research and Economic Development, for his tremendous leadership over the past 10 years.

Happy Retirement, Simon!

OURS CONNECTS

WHAT IS OURS CONNECTS:

[OURS Connects](#) is an undergraduate research experience open to CSULB students of all colleges and disciplines. The semi-structured research program pairs undergraduate students with faculty research mentors so that students may contribute to the advancement of faculty research, scholarly, and creative activities (RSCA). Students will also be paired with a seasoned Peer Advisor who will guide them through the project search process and the overall research experience.

GRADUATES

FALL '23

- KEVIN TRAN
- TAYLOR DAVIES

SPRING '24

- JJ MUELLER-DOMBOIS
- ANNA FEJES

SUMMER '24

- BONNIE GUZMAN
- EMILY (EM) DOFFING

ON TO GRADUATE SCHOOL!

• JJ MUELLER-DOMBOIS

Ph.D. in Applied Social Psychology
Claremont Graduate University

• ANNA FEJES

Master of Art in Psychological Research
California State University, Long Beach

• DESTINY GILLILAND

Ph.D. in Behavioral Health
Pennsylvania State University

PSYCH DAY PRESENTATIONS

- **KAILYN THAI** - "Does wrist orientation affect haptic driving warnings?"
- **KEVIN TRAN** - "Comorbidity is a pain in my head: IBS predicts migraines in females with Fibromyalgia"
- **JJ MUELLER-DOMBOIS** - "Clash in Cosmic Riptides: Portrayals of Culture Shifts in Doctor Who"
- **MANAL BENJELLOUN, CHLOE GORDON** - "Villainizing Disability: Exploring Ableism in Comic Book Narratives and Its Impact on Representation"
- **LUJAIN ALMAHDI** - "Female representation within western and eastern pop culture media"
- **CALVIN CHIU** - "Deficits in phonological encoding refine visuospatial memory in native sign speakers"
- **RAELYNN CHAVEZ** - "Associations Between Therapist Characteristics and Parent Participatory Engagement Within Early Intervention Services for Autism"

OURS CONNECTS

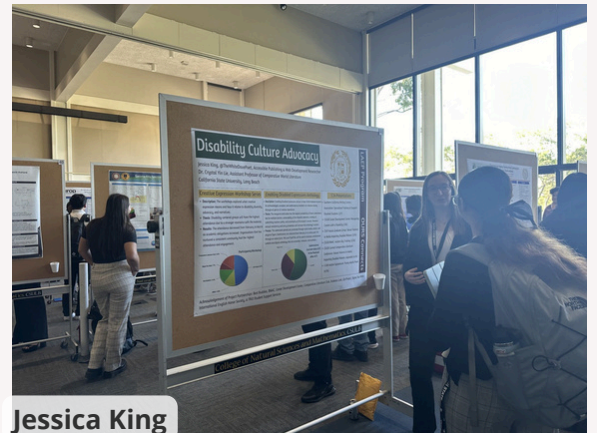
STUDENT PRESENTATIONS

UROP SYMPOSIUM

- Anna Fejes
- Jessica King
- Anma Arora
- Angelica Cristobal

WESTERN PSYCHOLOGICAL ASSOCIATION (WPA) CONFERENCE:

- Kevin Tran (two posters and a symposium)
- Taylor Davies (poster)
- JJ Mueller-Dombois (symposium)
- Anna Fejes (poster)
- Emily (Em) Doffing (poster and symposium)



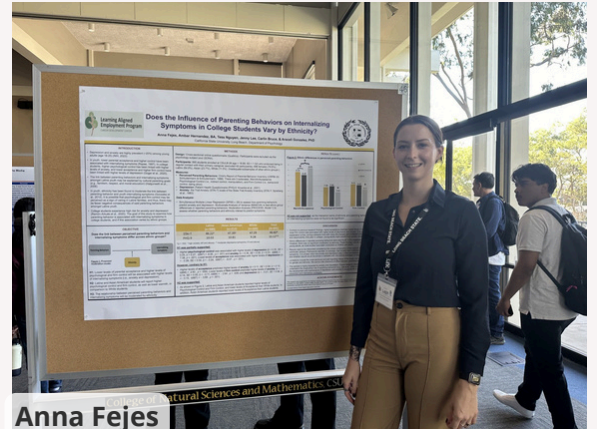
Jessica King

NATIONAL CONFERENCE OF UNDERGRADUATE RESEARCH (NCUR) POSTERS:

- Aaron Lam
- Taylor Davies
- Jiya Lachhwani
- Manal Benjelloun

POPULAR CULTURE ASSOCIATION ORAL PRESENTATION:

- Jiya Lachhwani
- Miguel Montelongo



Anna Fejes

STUDENT RESEARCH COMPETITION ORAL PRESENTATION PARTICIPATION:

- Kevin Tran
- Emily (Em) Doffing

PUBLICATIONS UNDER REVIEW

EMILY (EM) DOFFING, KEVIN TRAN, AARON LAM - "Chronically Pained Webcomic Fans with Endometriosis Collectively Coping and Resisting Medical Ableism" to the special issue of the Journal of Pain and Journal of Health Psychology collaboration.

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UNDERGRADUATE RESEARCH OPPORTUNITY PROGRAM

WHAT IS UROP

The [Undergraduate Research Opportunity Program \(UROP\)](#) is a one-year program that offers first- and second-year students the chance to participate in the research and creative process with faculty.

SPRING 2024 UROP SOCIAL

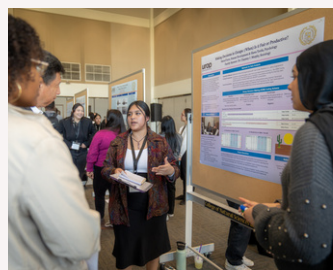


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UNDERGRADUATE RESEARCH OPPORTUNITY PROGRAM

UROP SYMPOSIUM AT WEEK OF RSCA

Presenter	Poster #	Presentation Title
Alondra Gonzalez	8	Phonetic Analysis of Spanish-English Bilingual Children's Speech
Amanda Salcedo	12	Telemedicine Health Coaching for Chronic Diseases & Visits for Weight Loss
Anahi Javier	16	How People With Disabilities are portrayed in Korean Dramas
Annika Heinsen	12	Telemedicine Health Coaching for Chronic Diseases & Visits for Weight Loss
Areef Hossain	13	Leveraging Explainable AI Models for Surgeon Skill Assessment
Arturo Jimenez	17	Financial Literacy and Behavioral Study
Ashlyn Joseph	18	Investigating Awareness in Asian Student Groups on Autism Spectrum Disorder
Audrey Tse	30	Structure-Function Analysis of Apolipoprotein AI
Aya Takemura	35	Multifactorial processing in children and adults who stutter
Barbara Rios-Garcia	8	Phonetic Analysis of Spanish-English Bilingual Children's Speech
Bella Galoostian	1	Parent-child Conversations During Informal Science Learning
Bianca Contreras	4	Effect of Visual Heart Rate Intensity Application for Individuals with Autism Spectrum Disorder
Brianna Bisby	3	Protective Human Antimicrobial Antibodies
Carla Chavez	4	Effect of Visual Heart Rate Intensity Application for Individuals with Autism Spectrum Disorder
Dana Hall	10	Disfluency Characteristics in a Working Memory Task for Children who Stutter



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UNDERGRADUATE RESEARCH OPPORTUNITY PROGRAM

UROP SYMPOSIUM AT WEEK OF RSCA

Presenter	Poster #	Presentation Title
Emiliano Penuelas	17	Student Loans and Credit Cards: Financial Literacy and Behavioral Study
Evelyn Le	32	Self-association of Human Apolipoprotein A-I by Cross-linking Analysis
Gabriel Lopez	20	Predicting Solid Propellant Performance Based on Formulation Health Coaching for Chronic Diseases & Visits for Weight Loss
Genaro Valencia Patino	36	On the Feasibility of Adding Videogames and Videogaming Theory to University General Education Curriculum
Hailie Soares	26	Virtual Reality, Social Media, and Prosocial Behavior
Harmony Panameno	1	Learning Across the Lifespan: Family STEM Practices at the Aquarium / College Students' Experiences with High Impact Practices
Hawa Tootla	7	Making Decisions in Groups: (When) Is it Fair or Productive?
Hitha Sunkara	28	Asset Management Practices for Mechanically Stabilized Earth Walls
Huyen Nguyen	4	Effect of Visual Heart Rate Intensity Application for Individuals with Autism Spectrum Disorder
Ilene Ortiz	23	Genetic Analysis of Leaf Senescence in Arabidopsis thaliana
Isabella Borgese	14	Little Tokyo Drift: Japanese Americans and Southern Californian Car Culture
Isha Seth	27	Small molecule and ions interactions at surfaces
Jake Hunter	15	User-Centered Design Research: Design Evaluation and Enhancement of the Environmental Control Unit (ECU) at the Spinal Cord Injury/ Disorders Rehabilitation Center at VA Long Beach Healthcare System
Jasmine Grijalva	2	Parent-Child Interactions and Children's Learning

Presenter	Poster #	Presentation Title
Jayaraman Donath	6	The Role of Glia in Mechanistic Explanations of the Action Potential
Jo Ann Derrick	24	Identification of environmental epigenetic biomarkers by molecular approaches
Joly Abdelmesseh	37	Images of Disability in the Media
Julio Aguirre	1	Learning Across the Lifespan: Family STEM Practices at the Aquarium / College Students' Experiences with High Impact Practices
Katherine Chavez De la O	5	Supporting individuals with disabilities in education and the workplace
Kiana Nguyen	22	Trust, Transparency, and Technology: Building Digital Equity Through a Civic Digital Commons
Launa Chhor	1	Learning Across the Lifespan: Family STEM Practices at the Aquarium / College Students' Experiences with High Impact Practices
Leslie Hernandez-Trejo	17	Behavioral Online Peer to Peer Lending
Lucas Hanna	11	Asset Management Practices for Mechanically Stabilized Earth Walls
Maria Flores	7	Making Decisions in Groups: (When) Is it Fair or Productive?
Martha Martinez	5	Supporting individuals with disabilities in education and the workplace
Matthew Tamarin	29	1. Aircraft icing 2. 3D Printing
Meadow Le	19	Modernizing the Chronology of How Children Acquire Language
Melina Saad	26	Virtual Reality, Social Media, and Prosocial Behavior

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UNDERGRADUATE RESEARCH OPPORTUNITY PROGRAM

UROP SYMPOSIUM AT WEEK OF RSCA

Presenter	Poster #	Presentation Title
Naya Gudeta	32	Self-association of Human Apolipoprotein A-I by Cross-linking Analysis
Odalys Portillo	25	Stress, Health, and Equity Project
Pearl Lambarena	33	Deciphering mechanisms underlying sex differences in brain and behavior
Samantha Ajanel	2	Parent-Child Interactions and Children's Learning
Siena Vincente	24	Identification of environmental epigenetic biomarkers by molecular approaches
Stephanie Lee	34	
Taliah Randall	26	Virtual Reality, Social Media, and Prosocial Behavior
Taveed Tamarin	29	1. Aircraft icing 2. 3D Printing
Tiffany Tran	3	Protective Human Antimicrobial Antibodies
Tina Pham	24	Identification of environmental epigenetic biomarkers by molecular approaches
Vincent Miramontes-Andrade	21	Increasing Autism Awareness Among Pre-Professionals: Implications for Early Intervention and Beyond
Yasir Hossain	14	Little Tokyo Drift: Japanese Americans and Southern Californian Car Culture
Zumir Guiden	9	Measuring Black Women's Emotional Experiences and Their Effects on Well-Being

Presenter	Poster #	Presentation Title
Abby Gregorio	14	Bioengineered Scaffolds for Tissue Engineering
Alexander Uy	35	Flexible Sensor for Bendable Interactive Surface
Alexis Ochoa	13	"All that I've Learned about Relationships and Sex was through the Internet"
Allyson Felix	2	The effect of oral contraception ("the pill") on the hormonal metabolic stress response to aerobic exercise
Amanda Gantugs	36	Fabrication of Shape-Morphing Microparticles by Stop-Flow Lithography
Amaris Guevara	15	User-Centered Design Research: Design Evaluation and Enhancement of the Environmental Control Unit (ECU) at the Spinal Cord Injury/ Disorders Rehabilitation Center at VA Long Beach Healthcare System
America Martinez	21	Visualization Analysis of Students with Disabilities
Amira Muthalip	6	AI-Based Fall-Risk Assessment During Daily Activities in Post-Stroke Survivors Using Smartphones
Andrew Le	7	Team Diversity and Creativity
Andrew Paredes	19	Experimental Testing of New Self-Healing Concrete
Angie Sanchez	36	Fabrication of Shape-Morphing Microparticles by Stop-Flow Lithography
Catherine Palm	24	Small molecule and ions interactions at surfaces
Charley Soo	31	(1) The Effect of Social Exclusion on Pain and Aggression (2) The Impact of Alcohol on Reckless Driving
Demetrius Prophette	22	CSULB Digital Twin for Testing Transportation Systems with Connected and Automated Vehicles

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UNDERGRADUATE RESEARCH OPPORTUNITY PROGRAM

UROP SYMPOSIUM AT WEEK OF RSCA

Presenter	Poster #	Presentation Title
Destiny Holmes	18	Genetic Analysis of Leaf Senescence in Arabidopsis thaliana
Edward Morales	22	CSULB Digital Twin for Testing Transportation Systems with Connected and Automated Vehicles
Emery Pham	26	Digital Christa Wolf
Geidy Perez	14	Bioengineered Scaffolds for Tissue Engineering
Gerardo Escoto	9	AI-Based Fall-Risk Assessment During Daily Activities in Post-Stroke Survivors Using Smartphones
Hannah Ouang	23	Telemedicine-enabled Health Coaching for Chronic Disease
Ignacio Garcia	10	Measuring and Identifying Multilevel Influences on Sleep (MIMIS)
Iolo Rada	7	Team Diversity and Creativity
Isabela Pinheiro	29	Youth Circulations Lab
Isabella Torres Ortega	33	Mawes Aas'e Language Documentation Project
Isamar Alferez	2	The effect of oral contraception ("the pill") on the hormonal metabolic stress response to aerobic exercise
Jose Gonzalez	12	Predicting Solid Propellant Performance Based on Formulation
Joy Hansen	16	Narrative Identity and Well-Being in the Time of Covid-19: Exploring Stories of Struggle and Redemption as a Form of Resilience Among Older and Younger Adults
Juliet Maldonado	20	Integrating Health and Math to Support Pre-Service Teachers' Disposition and Knowledge of Multidisciplinary Integration
Kabir Patel	25	Early Detection of Trend Shift in Emergency Department Surges

Presenter	Poster #	Presentation Title
Kendall Allen	4	Women and Early Social Media
Lydia Castro	8	Artificial Intelligence and Ethical Comportment in Undergraduate Nursing Students
Margarita Carvajal	7	Team Diversity and Creativity
Mayra Hernandez	17	Classification System for Diabetes Care and Management
Mohammed Abdulhasan	1	Determining role of oxidized apoE in Alzheimer's disease
Nakiya Rosser	7	Team Diversity and Creativity
Natalia Zavala	3	Protective Human Antimicrobial Antibodies
Nicholas Alvarez	5	Stress, Health, and Equity Project
Nicholas Hoa	37	Deciphering mechanisms underlying sex differences in brain and behavior
Rishik Shihn	30	A System Architecture for Studying Bicyclist and Pedestrian Behavior Through Immersive Virtual Environments
Sage Greenstein	13	"All that I've Learned about Relationships and Sex was through the Internet"
Samuel Cullen	3	Protective Human Antimicrobial Antibodies
Shayla Tran	34	Role of Protein Kinase Akt in Cell Survival During Endoplasmic Reticulum Stress
Shreya Thakuri	32	Genomic/genetic biomarkers for life-threatening disease for personalized medicine
Stacey Phan	27	Determinants of Cardiometabolic Health in Young and Older Adults

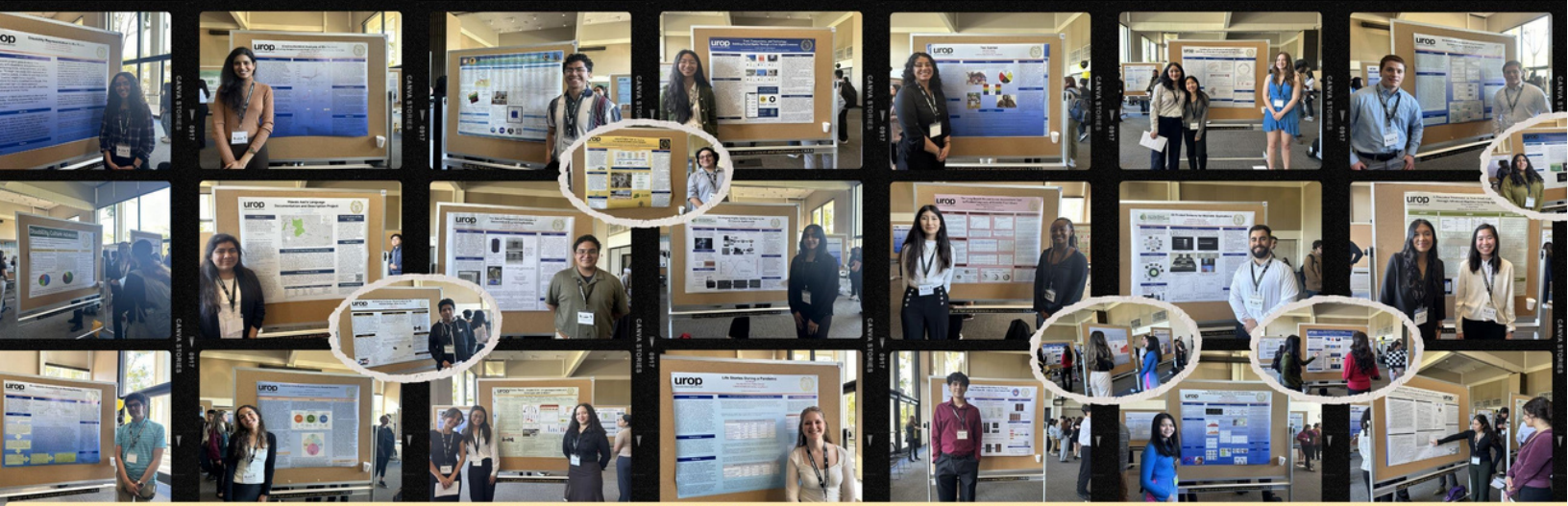
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UROP SYMPOSIUM AT WEEK OF RSCA

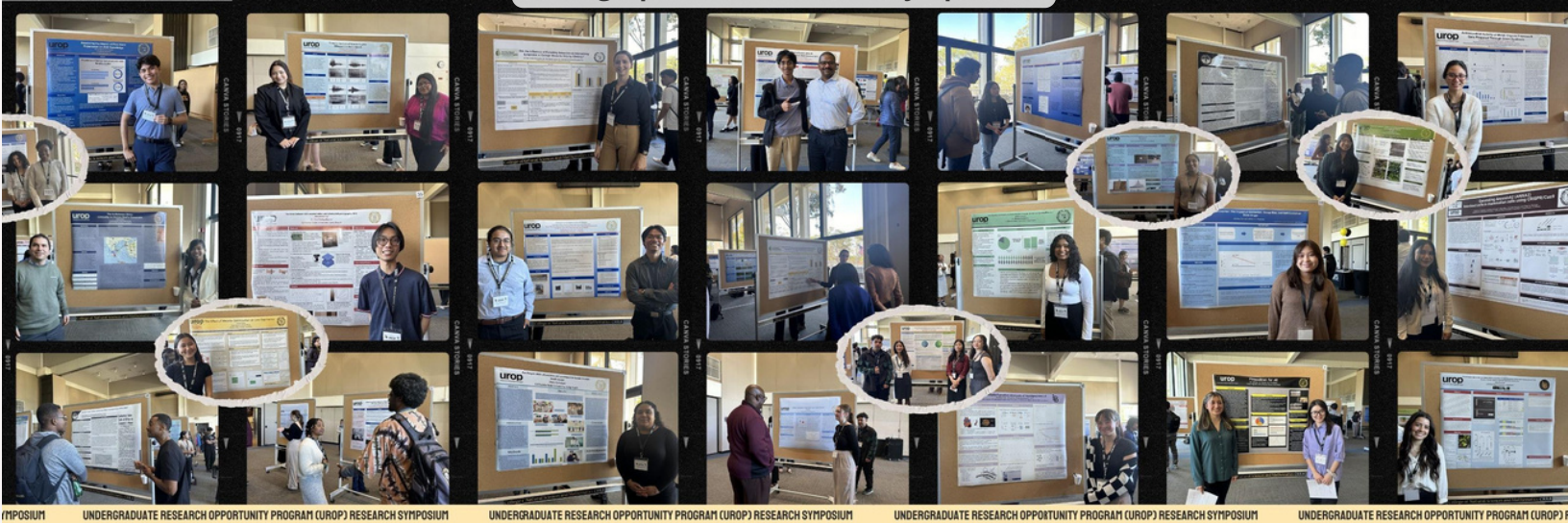
Presenter	Poster #	Presentation Title
Steven Kheang	19	Experimental Testing of New Self-Healing Concrete
Tiffany Ortuno	38	Comparative Muscle Physiology and Exercise
Truc Pho	28	Metal-organic framework gels for drug delivery
Valentina Veal	17	Classification System for Diabetes Care and Management
Vivian Tran	32	Genomic/genetic biomarkers for life-threatening disease for personalized medicine
Zyanya Gomez Garcia	11	Flexible Sensor for Bendable Interactive Surface

UROP APPLICATIONS

UROP [applications](#) will open in the summer! Please visit our [website](#) for more information.



Photographs from the UROP Symposium!





BUILDING INFRASTRUCTURE LEADING TO DIVERSITY (BUILD)

WHAT IS **BUILD**

The [CSULB BUILD Program](#) offers intensive, hands-on research and training opportunities for undergraduate students designed to prepare them to excel in doctoral programs, as well as health-related research careers. It is one of 10 programs in the United States funded by the National Institutes of Health (NIH) BUILD Initiative.

GRADUATING SENIORS - SPRING 2024

Name	Division	Major
Maeve Allen	Year 2 Scholar	Psychology
Nicholas Banuelos	Year 2 Scholar	Environmental Science, Minor: Biology
Carlin Bruce	Year 1 Scholar	Psychology
Jadon Buller	Fellow	Biomedical Engineering
Brooke Diaz	Fellow	Child Development and Family Studies
Katrina Jensen	Year 2 Scholar	Biochemistry
Anais Johnson	Year 2 Scholar	Biochemistry
Jack Karapetian	Year 2 Scholar	Aerospace Engineering
Victoria Min	Year 2 Scholar	Health Science, emphasis on Community Health Education
Bryan Navarrete	Fellow	Molecular Biology & Physiology
Tess Nguyen	Year 2 Scholar	Psychology
Jeremiah Sabale	Year 2 Scholar	Psychology
Angelica Sanchez-Gomez	Fellow	Sociology
Alina Tran	Year 2 Scholar	Psychology
Gabrielle (Naomi) Ventura	Fellow	Kinesiology: Exercise Science
Sean Yonemori	Fellow	Kinesiology Exercise Science



BUILDING INFRASTRUCTURE LEADING TO DIVERSITY (BUILD)

AWARDS/HONORS

DEPARTMENT/UNIVERSITY AWARDS

- **Maeve Allen** (Year 2 Scholar)
 - 2023-2024 Lucio Morales Research Award – awarded by the Department of Psychology
 - 2023-2024 Outstanding Senior in Psychology Award – one of the top 5% of students in the Psychology Department in terms of academics, scholarship, and services
- **Brooke Diaz** (Fellow) - Academic Excellence Award – acknowledged by the department of Family and Consumer Sciences at CSULB for outstanding academic achievements, leadership, and contributions to the field.
- **Emily Marquez** (Scholar alum, 2020-2022) - 2024 Outstanding Graduate Student in Research, Scholarly, and Creative Activities Award
- **Tess Nguyen** (Year 2 Scholar) - 2023-2024 Outstanding Senior in Psychology Award – one of the top 5% of students in the Psychology Department in terms of academics, scholarship, and services
- **Angelica Sanchez-Gomez** (Fellow)
 - Sociology Department Student Leadership Award 2024
 - Sociology Department Academic Achievement Award 2024
- **Alina Tran** (Year 2 Scholar) - 2023-2024 Outstanding Senior in Psychology Award – one of the top 5% of students in the Psychology Department in terms of academics, scholarship, and services

FELLOWSHIPS/SCHOLARSHIPS

GEM Fellowship

Congratulations to **Nicholas Banuelos** for being awarded the [2024 GEM Fellowship](#). This award offers MS and PhD level students an opportunity to gain practical engineering summer work experiences through an employer sponsor and a portable academic year fellowship of tuition, fees, and stipend.

NSF Graduate Research Fellowship Program (GRFP)

Congratulations to **Gabriela Peña Carmona**, BUILD alum (Scholars program, 2021-2023), for being awarded the highly coveted [NSF GRFP Award 2024](#). Gabriela is currently pursuing her PhD in the UCSF-Berkeley Joint Bioengineering Ph.D. program and was mentored by Dr. Perla Ayala in the Biomedical Engineering Department, COE



BUILDING INFRASTRUCTURE LEADING TO DIVERSITY (BUILD)

AWARDS/HONORS

CONFERENCE/PRESENTATION AWARDS

Western Psychological Association (WPA) Christina Maslach-Philip Zimbardo Research Award in Social Psychology

Congratulations to **Sofia Uribe**, junior NIH BUILD Scholar majoring in Psychology, who received the prestigious **2024 WPA Christina Maslach-Philip Zimbardo Research Award in Social Psychology** for her abstract titled “Don’t Prime Me, I’m Driving: Prime Type Moderates the Relationship Between Impulsivity and Driving in the Opposite Lane” for poster presentation. Sofia’s faculty research mentor is Dr. Bill Pedersen in the Department of Psychology, CLA.

- Sofia is one of two award recipients among over 1167 submissions
- Her abstract was ranked in the top 1.97% of abstracts submitted to WPA
- She will be presented with a certificate and a check for \$500 at the WPA Awards Ceremony

The [Western Psychological Association \(WPA\) Convention](#) took place on April 24-28, 2024, in San Francisco, CA.

CONFERENCES/PRESENTATIONS

CSULB Student Research Competition 2023			
Student Name	Place	Division	Title
Anais Johnson	1st	Physical and Mathematical Sciences	“Synthesis of Hydroxy-terminated Alkanethiolatecapped Pd nanoclusters for green catalysts in environmentally benign organic solvents”
Victoria Min	2nd	Health, Nutrition, and Clinical Sciences	“Motivators of Caffeine Use in College Students”



BUILDING INFRASTRUCTURE LEADING TO DIVERSITY (BUILD)

CONFERENCES/PRESENTATIONS

Conference Presentations			
Conference	BUILD Trainee(s)	Major, Year in School	Presentation Title
<i>Society for Personality and Social Psychology (SPSP) Feb. 8-10, San Diego, CA</i>	Sofia Uribe , Year 1 BUILD Scholar	Psychology, junior	“Driving under the influence of alcohol priming: Alcohol priming moderates the effect of aggressive driving tendencies on speeding” – poster presentation
<i>CSU Biotechnology Symposium Jan. 11-13, Santa Clara, CA</i>	Nicholas Banuelos , Year 2 BUILD Scholar	Environmental Science, Minor: Biology, senior	“Environmental and Microbial Dynamics in Relation to Biological Hydrogen Gas Production” – poster presentation
<i>CSULB Student Research Competition (SRC) Mar. 8, CSULB</i>	Anais Johnson , Year 2 BUILD Scholar	Biochemistry, senior	“Synthesis of Hydroxy-terminated Alkanethiolatecapped Pd nanoclusters for green catalysts in environmentally benign organic solvents” - oral presentation
	Brooke Diaz , BUILD Fellow	Child Development and Family Studies, senior	“Associations between Threatening and Non-Threatening Adverse Childhood Experiences and Psychological Wellbeing: A Gender-Based Analysis” – oral presentation
	Victoria Min , Year 2 BUILD Scholar	Health Science (option in Community Health Education), senior	“Motivators of Caffeine Use in College Students” - oral presentation



Anais Johnson



Brooke Diaz



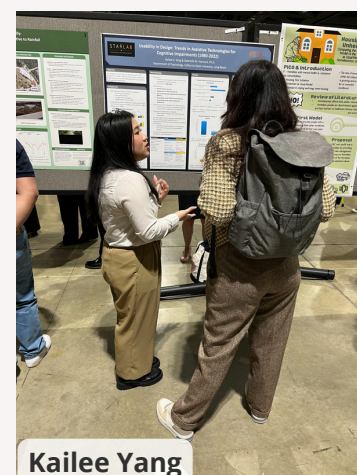
BUILDING INFRASTRUCTURE LEADING TO DIVERSITY (BUILD)

CONFERENCES/PRESENTATIONS

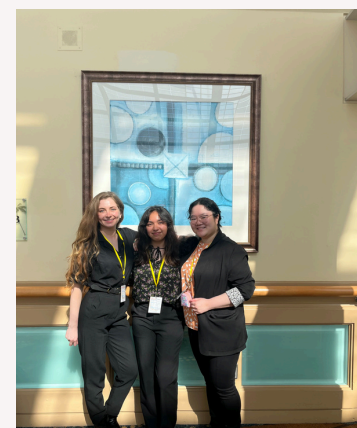
Conference Presentations			
Conference	BUILD Trainee(s)	Major, Year in School	Presentation Title
CSULB Student Research Competition (SRC) Mar. 8, CSULB	Sofia Uribe, Year 1 BUILD Scholar	Psychology, junior	“Driving under the influence of alcohol priming: Alcohol priming moderates the effect of aggressive driving” - oral presentation
	Alina Tran, Year 2 BUILD Scholar	Psychology, senior	“Medical Diagnosis Game – Risk” - oral presentation
American Chemical Society (ACS) Mar. 17-21, New Orleans, LA	Katrina Jensen, Year 2 BUILD Scholar	Biochemistry, senior	“Investigating the Inhibitory Effects of Fmoc-Lys-O-Methylated Analogs” - poster presentation
American Institute of Aeronautics and Astronautics (AIAA) Mar. 23-24, Santa Clara, CA	Jack Karapetian, Year 2 BUILD Scholar	Aerospace Engineering, senior	“Porosity Measurements on Quenched Soil Ramjet Fuels” - poster presentation
National Conference on Undergraduate Research (NCUR) Apr. 8-10, Long Beach, CA	Kailee Yang, Year 1 BUILD Scholar	Psychology, junior	“Usability in Design: Trends in Assistive Technologies for Cognitive Impairments (1980-2022)” - poster presentation
	Victoria Min, Year 2 BUILD Scholar	Health Science (option in Community Health Education), senior	“Motivators of Caffeine Use in College Students” - oral presentation
	Brooke Diaz, BUILD Fellow	Child Development and Family Studies, senior	“Associations between Threatening and Non-Threatening Adverse Childhood Experiences and Psychological Wellbeing: A Gender-Based Analysis” – poster presentation



Alina Tran



Kailee Yang



Brooke Diaz, Sofia Uribe, Victoria Min



BUILDING INFRASTRUCTURE LEADING TO DIVERSITY (BUILD)

CONFERENCES/PRESENTATIONS

Conference Presentations			
Conference	BUILD Trainee(s)	Major, Year in School	Presentation Title
National Conference on Undergraduate Research (NCUR) Apr. 8-10, Long Beach, CA	Sofia Uribe, Year 1 BUILD Scholar	Psychology, junior	"The Relationship between Hyperglycemia Following Traumatic Brain Injury and Depression" - oral presentation
	Bryan Navarrete, BUILD Fellow	Molecular Biology & Physiology, senior	"Investigating the Importance of LXR Activation in C1q Modulation of Macrophage Foam Cell Responses" - poster presentation



Sofia Uribe



Bryan Navarrete

BUILD/U-RISE APPLICATION WILL OPEN FALL 2024!

Interested in learning more about the Building Infrastructure Leading to Diversity (BUILD) Program?

Enter your name on our [Interest Form](#) and we will contact you for upcoming info sessions, workshops, and when our application is open! Learn more about the program here: [CSULB Building Infrastructure Leading to Diversity \(BUILD\) Program](#).

Our application will open in Fall 2024 (for Summer 2025 start). If you have any questions, we are here to help! Contact us at: build@csulb.edu. Follow us on social media @csulbbuild for updates and to follow along the BUILD Scholars' and Fellows' journeys!



MELLON MAYS

UNDERGRADUATE FELLOWSHIP (MMUF)

WHAT IS **MMUF**

The [Mellon Mays Undergraduate Fellowship program \(MMUF\)](#) is the centerpiece of The Andrew W. Mellon Foundation's initiatives to increase diversity in the faculty ranks of institutions of higher learning. Established in 1988 by William G. Bowen, then the president of the Foundation, and Mellon program associate Henry Drewry, the MMUF program began with an initial cohort of eight member institutions.

GRADUATING SENIORS - SPRING 2024

- **Meagan** is graduating with her B.A. in Classics with a minor in Anthropology. She accepted admission to the Post- Baccalaureate Certificate Program, with an emphasis in Classics (Greek and Latin) at UCLA for Fall 2024.
- **Victor** graduated in Fall 2023 with his B.A. in English Literature with a minor in History. Victor is now with Teach for America working with high school students.
- **Miriam** is graduating with a B.A. Music Education and Vocal Performance. She was accepted to the University of Michigan and UCLA for the Ethnomusicology Ph.D. program.
- **Mariana** is graduating with a B.A. in Human Development and Chicano Latino Studies. They were accepted into CSU Fullerton for the M.A. in American Studies program, CSU San Diego for the Women Studies Ph. D program, and UCLA for the Gender Studies Ph.D. program.



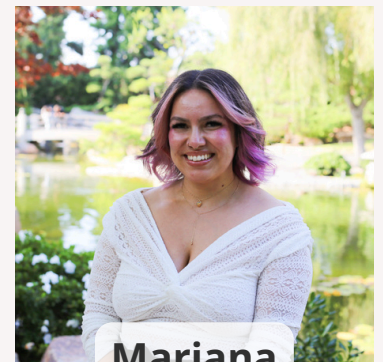
Meagan Kim



Victor Doan



**Miriam
Adhanom**



**Mariana
Villegas**



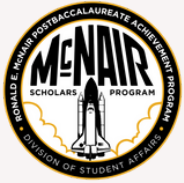
MCNAIR SCHOLARS PROGRAM

WHAT IS MCNAIR

The [Ronald E. McNair Postbaccalaureate Achievement Program](#) is a TRIO program funded by the U.S. Department of Education and designed to prepare and support underrepresented undergraduate students in their pursuit of doctoral studies.

GRADUATE ACCEPTANCES

Name:	Major	Graduation	Graduate School	Research Activity
Anjelica Waight	Kinesiology: Exercise Science	Spring 2024	Degree: DPT/Ph.D. Washington University, St. Louis	Research Assistant, Dr. J. Dawson
Luigi Gutierrez	Chemistry	Spring 2024	Degree: Ph.D. University of Indiana	Research Assistant, Dr. E. Marinez
August Stine-Woods	Psychology	Spring 2024	Degree: Ph.D. Auburn University	Research Assistant, Dr. A. Johnson
Desiree Blanco Romero	Psychology	Spring 2024	Degree: MSW University of California, Los Angeles	Research Assistant, Dr. C, Ahrens
Erick Gutierrez	Chemical Engineering	Spring 2024	Degree: MA Arizona State University	Research Assistant, Dr. H. Tavassol
Christian Carrillo	Psychology	Spring 2024	Degree: MA CSULB	Research Assistant, Dr. S. Needham
Kylie Yant	Biology	Spring 2024	Degree: Biology Certificate CSULB	Research Assistant, Dr. J. Brusslan



MCNAIR SCHOLARS PROGRAM

PENDING GRADUATE AND POST BACCAULAUREATE PROGRAMS

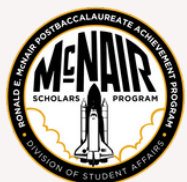
Name:	Major	Graduation	Graduate School	Research Activity
Miontranese Green	Applied Statistics	Spring 2024	M.A. CSULB (pending)	University of California, Los Angeles (UCLA), Research in Industrial Projects for Students (RIPS)
Dylan Kurz	Sociology	Spring 2024	Degree: Ph.D. Reviewing offers from UC Irvine, University of Massachusetts, Portland State University	UHP and Sociology Honors,
Scott Tomlinson	Business Administration: Finance & Marketing Concentrations	Fall 2023	Degree: Post baccalaureate Northwestern (pending)	NA
Kimberly Ayala	Biomedical Engineering	Spring 2024	Pending	Dr. Ga-Young Kelly Suh
Yeraldine Polo	Nutrition and Dietetics	Spring 2024	Degree: MPH CSULB (pending)	Advancing Nutrition Development through Alliances for Education and Leadership (ÁNDALE)
Ayoola Fadonougbo	Biomedical Eng	Spring 2024	Degree: Postbaccalaureate (pending)	UHP Honors Thesis



MCNAIR SCHOLARS PROGRAM

EXTERNAL RESEARCH EXPERIENCES FOR UNDERGRADUATES (REU)

Name:	Major	Summer Research 2024
Maylia Brown	Psychology	University of Michigan (UM) Summer Research Opportunity Program (SROP)
Makana Woods	Kinesiology: Exercise Science	University of Michigan (UM) Summer Research Opportunity Program (SROP)
Darrell White	Rhetoric and Composition	Rutgers University (pending)
Jacob Nguyen	Psychology	CSULB McNair Summer Research Internship Program University of Southern California (USC) Summer Research (pending)
Mika Tomaya	Social Work	CSULB McNair Summer Research Internship Program UCI Summer Research (Pending)
Martin Pelayo	Computer Science	CSULB McNair Summer Research Internship Program University of Michigan UM Summer Research Opportunity Program (SROP) Pending
Aline Curel-Silva	Marine biology	CSULB McNair Summer Research Internship Program University of California San Diego (UCSD) Summer Research Pending
Jose Pineda	Physics	Harvard University Summer Research



MCNAIR SCHOLARS PROGRAM

2024-2025 NEW MCNAIR COHORT AND RESEARCH ACTIVITY

Name:	Major	Summer Research 2024
Viviana Hernandez	Communication	CSULB McNair Summer Research Internship Program UHP 496 enrollment
Alejandro Duran	Biochemistry	CSULB McNair Summer Research Internship Program UHP 496 enrollment
Natalie Vega	Psychology	CSULB McNair Summer Research Internship Program UHP 496 enrollment
Danny Sarmiento	Mechanical Eng	CSULB McNair Summer Research Internship Program UHP 496 enrollment
Heiddy Ussery	Sociology	CSULB McNair Summer Research Internship Program UHP 496 enrollment
Shelly Fonseca	Accounting	CSULB McNair Summer Research Internship Program UHP 496 enrollment

GRADUATES IN THE INDUSTRY

Name:	Major	Graduation	Research Activity
Andee Gonzalez	Management Info Systems	Spring 2024	UHP Honors Thesis
Savanna Hernandez	Social Work	Spring 2024	UHP Honors Thesis

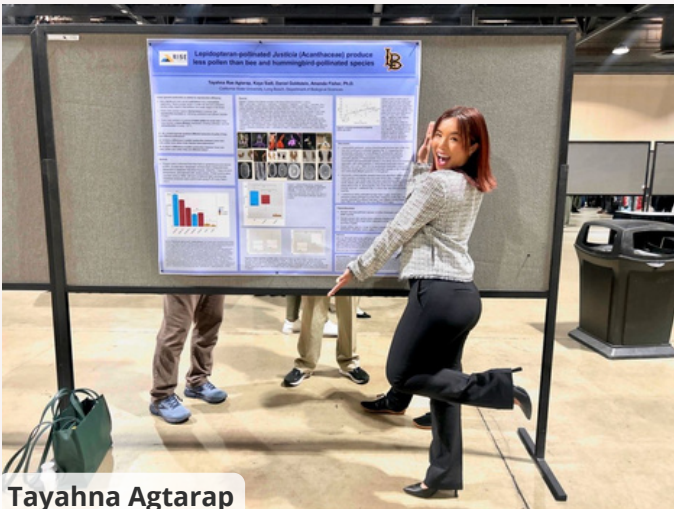
NIH RESEARCH INITIATIVE FOR SCIENTIFIC ENHANCEMENT (RISE)



WHAT IS RISE

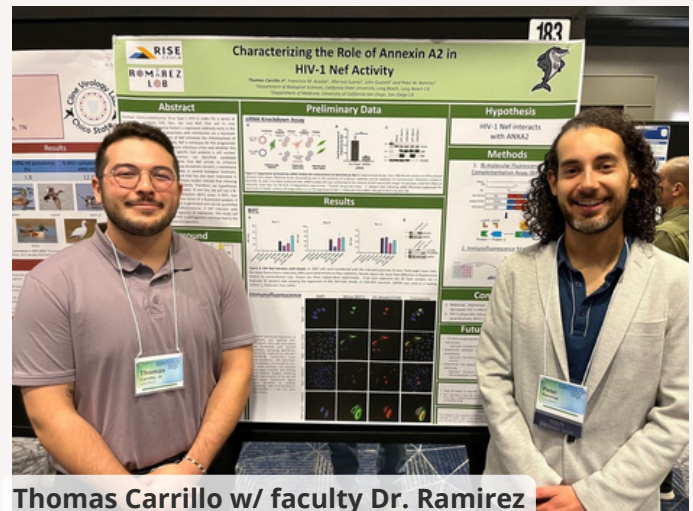
[The Research Initiative for Scientific Enhancement \(RISE\) program](#) is designed to support motivated students interested in developing careers as professional research scientists in biomedical and behavioral science fields. Its goal is to increase the interest, skills, and competitiveness of students pursuing biomedical or behavioral research careers. The program supports the research and career development of undergraduate students starting in their sophomore year.

CONFERENCE PARTICIPATION



Tayahna Agtarap

Tayahna Agtarap (RISE) presented at the 2024 NCUR conference in Long Beach. Her research poster titled "Understanding the relationship between pollen to ovule ratios and pollination methods in Justicia (Acanthaceae)" was completed with faculty mentor, Dr. Amanda Fisher, in the CNSM Department of Biological Sciences.



Thomas Carrillo w/ faculty Dr. Ramirez

Thomas Carrillo (RISE) presented a poster titled "Characterizing the Role of Annexin A2 in HIV-1 Nef Activity" at the 36th Annual CSU Biotechnology Symposium in Santa Clara, CA. This work was completed with faculty mentor, Dr. Peter Ramirez, in the CNSM Department of Biological Sciences.

NIH T34 UNDERGRADUATE RESEARCH INITIATIVE FOR SCIENTIFIC ENHANCEMENT (U-RISE)

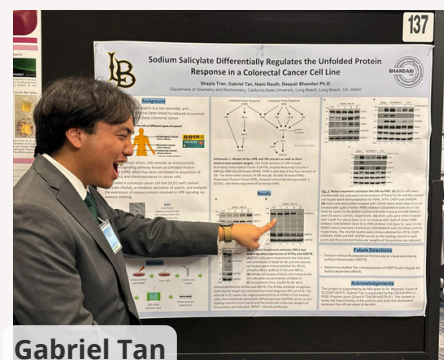
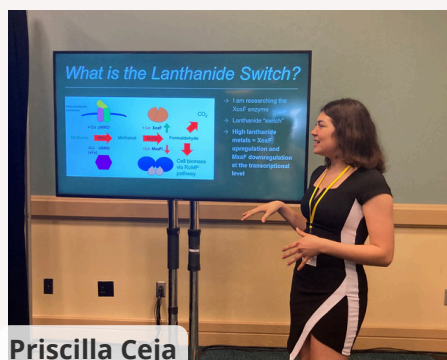
WHAT IS U-RISE



The [Undergraduate RISE Program](#) is funded through a grant from the National Institute of General Medical Sciences (NIGMS) of the National Institutes of Health (NIH). The program aims to increase diversity in future scientific and biomedical research by identifying students interested in pursuing research as a career and by providing training opportunities to be competitive for entering graduate programs. This training includes mentored research, an off-campus summer research experience (8-12 weeks), professional development workshops, graduate school preparation, and conference support.

CONFERENCE PARTICIPATION

- **Priscilla Ceja** (U-RISE) did an oral presentation at the 2024 NCUR conference in Long Beach. Her work titled “Role of a Newly Identified Gene in the Lanthanide Response in Methane-Consuming Bacteria” was completed with faculty mentor, Dr. Joseph Groom, in the CNSM Department of Biological Sciences.
- **Aden Gomez** (U-RISE) presented a poster titled “Enzymatic Synthesis of Naphthol-Based Unnatural Amino Acids using Tyrosine Phenol Lyase” at the American Society for Biochemistry and Molecular Biology (ASBMB) conference in San Antonio, TX. He is conducting research with his mentor, Dr. Jason Schwans, in the CNSM Department of Chemistry and Biochemistry.
- **Brooke Morales** (U-RISE) presented a poster titled “Competitive Hydroalkylation in Organo-Initiated Photo-Hydroacylation Reaction” at the American Chemical Society (ACS) Spring Meeting in New Orleans, LA. This work was completed with faculty mentor, Dr. Paul Buonora, in the CNSM Department of Chemistry and Biochemistry.
- **Gabriel Tan** (U-RISE) presented a poster titled “Sodium Salicylate Differentially Regulates the Unfolded Protein Response in a Colorectal Cancer Cell Line” at the 36th Annual CSU Biotechnology Symposium in Santa Clara, CA. This work was completed with faculty mentor, Dr. Deepali Bhandari, in the CNSM Department of Chemistry and Biochemistry.



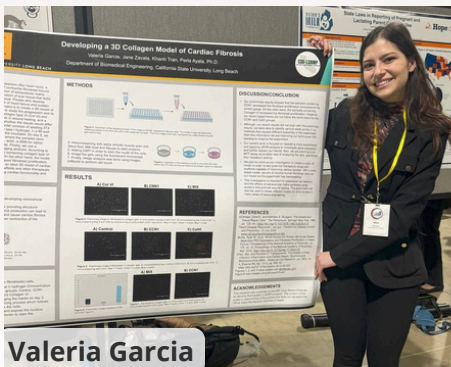
NSF LOUIS STOKES ALLIANCE FOR MINORITY PARTICIPATION (LSAMP)



WHAT IS LSAMP

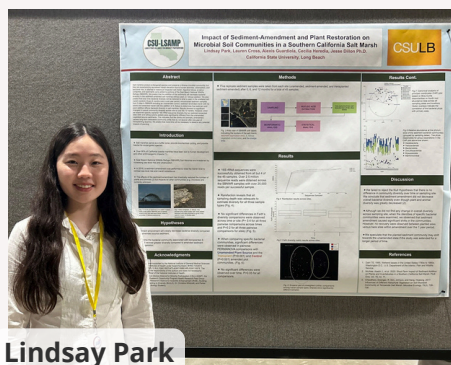
The [Louis Stokes Alliance for Minority Participation \(LSAMP\)](#) program at California State University Long Beach is part of the statewide effort to enhance the math and science skills of students who have faced or face social, educational, or economic barriers, and are majoring in science, technology, engineering, or mathematics (STEM). For more information on eligibility, applying, or the LSAMP experience, visit the LSAMP website.

CONFERENCE PARTICIPATION



Valeria Garcia

Valeria Garcia (LSAMP) presented her work titled “Developing a 3D Collagen Model of Cardiac Fibrosis” was completed with faculty mentor, Dr. Perla Ayala, in the COE Department of Biomedical Engineering.



Lindsay Park

Lindsay Park (LSAMP) presented a poster titled “Impact of Sediment-Amendment and Plant Restoration on Microbial Soil Communities in a Southern California Salt Marsh”. This research was completed with her faculty mentor, Dr. Jesse Dillon, in the CNSM Department of Biological Sciences.

RISE, U-RISE, LSAMP



COMPETITIONS

The LSAMP, RISE, and U-RISE students participated in an infographics competition on March 29, 2024. Students submitted infographics spanning lab protocols and safety, to outreach posters, graphical abstracts, and journal cover art. 3 students wowed CNSM faculty and Development Office judges with their creativity. Congratulations to Zyrille Abela (RISE), Alexander Garcia (RISE), and Kien Pham (U-RISE).



Alexander Garcia, Zyrille Abela, Kien Pham

OUR STUDENTS!



Photo taken during 4/19 Learning Community

UNIVERSITY HONORS PROGRAM (UHP)

WHAT IS UHP

The [University Honors Program](#) at California State University, Long Beach is committed to providing an academically enriched, community-minded, and culturally diverse environment for a diversely talented, premier group of highly qualified students. This program cultivates inclusive excellence, designed to offer students the best of a thriving liberal arts college experience alongside the opportunities afforded by a comprehensive university setting.

2024 HONORS SYMPOSIUM



Kaitlyn	Yu	Psychology, B.A.	Culturally Responsive Education in Wellness (CREW) for Asian American Students	Dr. May Lin
Francesca	Namala	Psychology, B.A.	College Student Perceptions of Sexual Consent	Dr. Courtney Ahrens
Onica	Chrea	Psychology, B.A.; Cambodian Language & Culture Minor	Cognitive Function in Early Adulthood Among Ethnically Diverse Groups	Dr. Sophea Seng
Kalea	Ono	Kinesiology, Exercise Science, B.S.	Exploring the Perceptions of Resistance Training in Dance: Implications for Dancer Performance and Well-being	Dr. Kimberly Walters
Julie	Ouk	Business Administration, B.S. Accountancy Option	Enron's Unethical Practices and its Impact on Actual and Potential Stakeholders	Dr. Terrence Giannone
An	Dinh	Business Administration, B.S. Marketing & Management Options	The Dynamics of Cancel Culture: Factors Shaping Its Evolution on Instagram, TikTok, and Twitter	Dr. Kierstin Stickney
Alyanna	Ahorro	Business Administration, B.S. Management Option	The Effects of the Covid-19 Pandemic on Minority-Owned Small Businesses	Dr. Celeste Ahl
Andrew	Rendon	Business Administration, B.S. Accountancy Option	The Impact of the Tax Cuts and Jobs Act of 2017 Amongst Companies in the Dow Jones	Dr. Alice Rivera
Abraham	Gutierrez	Aerospace Engineering, B.S.	Development of a Dust Cloud Combustion Experiment	Dr. Joseph Kalman
Wyatt	Gagnon	Aerospace Engineering, B.S.	Mechanical Properties of 3D Printed Structures Using PLA-Based Filaments	Dr. Mortaza Saeidi
Derek	Madrid	Mechanical Engineering, B.S.	Preliminary Design of a Small-Scale Supersonic Wind Tunnel	Dr. Joseph Kalman
Jack	Karapetian	Aerospace Engineering, B.S.	Porosity Measurements on Quenched Solid Ramjet Fuels	Dr. Joseph Kalman

UNIVERSITY HONORS PROGRAM (UHP)

2024 HONORS SYMPOSIUM

Thomas	Mendoza	History, B.A.	"The Liberating Army for All Races and Peoples": The Cross-Ethnic Appeals of El Plan de San Diego, 1915-1916	Dr. Jane Dabel
Eliana	Eisen	History, B.A. & Classics, B.A.	The Goddess Artemis: Myths, Cults, and Rituals	Dr. Mik Larsen and Dr. Jessica Brooks
Makaila	Nhan	Liberal Studies, B.A.	Asian American/AAPI Experience(s): Perceptions of Model Minority Stereotypes as First Year College Students	Dr. Ann Thuy-Ling Tran
Larenne	Bennett	Linguistics, B.A.	The Spontaneous British Accent Within the American Generation Z's Colloquial Speech	Dr. Itxaso Rodriguez
Megan	Chung	Computer Science, B.S.	Applying Kalman Filter	Dr. Ju Cheol Moon
Kaitlyn	Luhm	Electrical Engineering, B.S.	Microfabrication and Analysis of a Plasmonic Structure	Dr. Anna Lee
Connor	Maclsaac	Electrical Engineering, B.S.	CMOS PPG Sensor with Correcting Feedback for Effects of Skin Pigmentation	Dr. Ava Hedayatipour
Ayoola	Fadonougbo	Biomedical Engineering, B.S.	Tissue-Engineering Methods that Influence Blood Vessel Development in Hydrogel Scaffolds	Dr. Perla Ayala
Savanna	Hernandez	Social Work, B.A.S.W	The Experience of Pregnancy from Black and Latinx Perspective	Dr. Keyon Anderson
Susan Yen Xuan	Le	Nursing, B.S.N	Stress Related to Careplans in Student Nurses Across Four Semesters	Dr. Sharon Konrad
Riley	Erskine	Health Science, B.S. Community Health Education option	Reproductive Health Disparities in Maternal Mortality Among U.S. Low-Income African American Women: A Systematic Literature Review	Dr. Nicole Betschman
Brianna	Guerrero	Nursing, B.S.	Effects of Prenatal Care on Birth Outcomes for Black Women in the United States	Dr. Laura Conahan
Kaira	Podadera	Civil Engineering, B.S.	Employing Polyurethane to Produce More Sustainable Hot Mix Asphalt (HMA)	Dr. Lisa Star
William	Schultz	Mechanical Engineering, B.S.	Leidenfrost Effect on Droplets of Water Under High Voltage	Dr. Navdeep Singh Dhillon
Jesus	Fuentes Martiez	Mechanical Engineering, B.S.	Dual-Lens Laser Heating for Artificial Bubble Generation	Dr. Navdeep Singh Dhillon
Adam	Nunez	Civil Engineering, B.S.	The process of sampling and testing gassy tar soils	Dr. Lisa Star
Andrew	Lin	Cinematic Arts, B.A. Screenwriting Concentration	Across Decades of The Iconic Bat: Unmasking the Identities of Hero and Villain	Dr. Seung-hoon Jeong
Isha	Soman	Studio Art, B.A.	Combining Art and Technology in the Most Powerful Real-time Tool: An Unreal Engine 5 Shot Cinematic	Prof. Aubry Mintz
Jennifer Hadayr	Alvarez-Martinez	Business Administration, B.S. International Business Option	Motivations, Barriers, and Outreach Initiatives in Promoting Short-Term Study Abroad Participation Among California State University Long Beach Students	Dr. Caitlin Fouratt
Chloe	Paraguay	Psychology, B.A.	The Impact of Media: Exploring the Effects of U.S. Film and Television on Filipino Americans	Dr. May Lin
Valerio	Guercio	History, B.A.	This Trend of Opinion is a Matter of Concern: Transformations in American Covert Power Through the 1970s	Dr. Hugh Wilford
Giovanni	Montesano	Anthropology, B.A.	Peddling Patriarchy: A Study of Jordan B. Peterson's Marketing of Hegemonic Masculinity Through His YouTube Content	Dr. Melissa Maceyko
Vanessa	Montes	Sociology, B.A.	Sexism for Swifties: An Exploration of Gendered Attitudes and Boundary Maintenance in Fandom Across Social Media Platforms	Dr. Leyenda Jacobson-Harris
Victoria	Lopez	Public Relations, B.A.	Observing Gen Z and the Parasocial Relationships They Form with Influencers on Social Media	Dr. Jolyn Matsumuro

UNIVERSITY HONORS PROGRAM (UHP)

2024 HONORS SYMPOSIUM

Allison	Ortiz	Psychology, B.A.	Looking at the "Me" In The Mirror: Investigating Motivations For Taking Online Personality Tests	Dr. Samar Needham
Emma	Nelson	Psychology, B.A.	How Jury Selection Impacts the Outcome of Court Cases	Dr. Amanda Trefethen
Mariel	Salguero	Psychology, B.A.	Perceived Implications of Generative Artificial Intelligence on Human-Interaction and Skill Development in Higher Education	Dr. Debra Satterfield
Rebecca	Hernandez	Public Relations, B.A.	Exploring AI Utilization in Public Relations Education and Its Forecasted Impact on Career Opportunities	Dr. Soumitro Sen
Courtney	Lorelli	Business Administration, B.S. Marketing Option	Emotional Marketing: What Emotions Improve Recall?	Dr. Dave Decelle
Jewel	Nguyen	Business Administration, B.S. Management Option	Reimagining Urban Mobility: Transforming Los Angeles into a More Walkable Metropolis	Dr. Oliver Wang & Dr. Chris Marino
Dylan	MacLaren	Business Administration, B.S. Finance Option	Empowering Futures: An Investigation into the Impact of Financial Literacy Programs on Individual Investment, Saving Behavior, and Social Mobility	Dr. Hojong Shin
Melina	De La Rosa	Economics, B.A. & International Studies, B.A.	A Democratic Stability Comparison of The Neoliberal and Developmental Growth Models	Dr. Graham Odell
Leakhana	Muth	Chemical Engineering, B.S.	Removal of Pharmaceutical through Wastewater Treatment	Dr. Sara Moghtadernejad
Taylor	Girard	Computer Science, B.S.	AOI Eye Gaze Analysis for Matrix and Linked Indented List Visualizations	Dr. Bo Fu
Joe	Brasher	Computer Science, B.S.	Intelligent Machine learning for Anomaly Detection in IOT Healthcare	Dr. Hossein Sayadi
Mitchell	Hein	Mechanical Engineering, B.S.	PACK-40: A Study on Self-Reconfigurable Robots	Dr. Tairan Liu
Jadon	Buller	Biomedical Engineering, B.S.	Automated Prediction of Catheter Trajectories in Patient-Specific Arterial Models	Dr. Ga-Young Kelly Suh
Eugene	Boudreau	Civil Engineering, B.S.	Analyzing Cracking in Concrete and the Effects of Autonomous Self-Healing Methods	Dr. Andrea Calabrese
Zachary	Davis	Aerospace Engineering, B.S.	Aerodynamic Evaluation of Toroidal Propellers for VTOL Applications: A CFD Study	Dr. Eun Jung Chae
Cameron	Sequeira	Aerospace Engineering, B.S.	Resin Transfer Molding Optimization of Filling	Dr. Bob Minaie
Jacqueline	Gonzalez	English, B.A. Literature Option	Music, Identity, and Community: A Contemporary Queer Experience	Dr. Jennifer Reed
Kayley	Pedroza	English Education, B.A.	The Development and Influence of the Chicana in Literature	Dr. Rosalena Ruiz
Kiara	Macias	Performance, B.M. Woodwind Concentration Music Education Instrumental Music, B.M.	A Symphony of Change: Navigating an Unfamiliar University as an Undergraduate Transfer Music Major	Dr. Jermie Arnold
Briana	Luck	Cinematic Arts, B.A. Screenwriting Concentration	Familial Conflicts in Recent Western Animated Films: An Analysis of Gender, Race, and Cultural Identity	Dr. Jose Miguel Palacios
Rebecca	Jones	Speech-Language Pathology, B.A.	Hearing Loss Symptoms Among College-age Individuals with Normal Hearing: What is the Prevalence and Impact?	Dr. Edward Garcia
Kayla	Oestreich	Nursing, B.S.N	Comparing Pediatric Diabetes Education Programs: Enhancing Type 1 Diabetes Management in Adolescents	Dr. Kathy Retardo
Hana	Metka	Health Science, B.S. Community Health Education option	Maternal Perceptions of Vaccines: Combatting Vaccine Hesitancy	Prof. Banafshe Sharifian-Attar

UNIVERSITY HONORS PROGRAM (UHP)

2024 HONORS SYMPOSIUM

Haley	Obenshain	Biomedical Engineering, B.S.	Can You Spare a Dollar: Hydrodynamic Investigations of Sand Dollar Larvae Via Microfluidics	Dr. Siavash Ahrar
Raya	Torres	Journalism, B.A.	Reporting from Uvalde: A Survey of Long-term Stress Responses to Covering a Mass Shooting	Prof. Jesus Ayala
Amy	Vo	Business Administration, B.S. Human Resources Management Option	Bystander Personality and its Relationship with Perception of Sexual Harassment Incidents	Dr. Michael Ekema
Juan	Mendoza	Criminology & Criminal Justice, B.S. & Spanish, B.A.	The Opioid Crisis: A Case Content Analysis on Misinformation of Fentanyl	Prof. Maryanne Diaz
Gabriela	Gonzalez	Criminology & Criminal Justice, B.S.	From Lockers to Lecture Halls: Trends in Drug Use During the Transition from High School to College	Prof. Maryanne Diaz
Yen	Chang	Marine Biology, B.S.	Sea of Shame: Our Plastic Plague	Dr. Taylor Parker
Anjali	Johnson	Marine Biology, B.S.	Climate Change's Effects on the Metabolic Rate of the California Horn Shark Over 100 Years	Dr. Chris Lowe
Mercedes	Ekren	Marine Biology, B.S.	Modeling Minimum Daily Energy Costs of a Round Stingray Population	Dr. Chris Lowe
Fabian	Gomez	Environmental Science and Policy, B.S.	The Call of the Wild: Investigating the Effect of Predator Bird Calls on the Calling Behavior of Oophaga Pumilio	Dr. Stephen Mezyk
Courtney	Lorelli	Business Administration, B.S. Marketing Option	Emotional Marketing: What Emotions Improve Recall?	Dr. Dave Decelle
Caroline	Smith	English Creative Writing, B.A.	Mediated Identity	Dr. Bonnie Blackburn
Emily	Chan	Human Development, B.A.	Exploring the Impact of Development Opportunities on Retention in the Fast Food Industry	Dr. Michael Ekema
Scott	Tomlinson	Business Administration, B.S. Marketing Option & Finance Option	What Becomes a Leader Most? Is Transformational Leadership All It Can Be or Can It Be Enhanced by Servant or Authoritarian Styles?	Dr. Jeff Bentley
Dori	Rakhshani	English Education, B.A.	Multigenre Approach to Teaching Shakespeare's Othello in Middle School	Dr. Stephanie Johnson
Madison	Hoiby	Psychology, B.A.	Arts in Education: Examining an Integral Impact	Dr. Caitlin Fouratt & Dr. Aldwin Domingo
Audreen	Fune	Liberal Studies, B.A. Mathematics Education Concentration	A Study of Quizzizz's User Experience (UX): Measuring the Impact of Gamification and Usability on Language Acquisition	Dr. Melvin Cobb
Daniella	Gonzalez	Mathematics Education, B.S.	A History of Mathematics Education in the U.S., the Efficacy of Teaching Pedagogies in Math Retention, and the Future of Common Core	Dr. Antonio Martinez
Maria	Solis Villa	Mathematics, B.S.	The Use of Mathematical Proofs to Facilitate Learning in Mathematics	Dr. Jeffrey Pair
Kylee	Khan	Sociology, B.A.	Effects of AAPI Hollywood Film Representation on Southeast Asian-American College Students' Self-Perceptions	Dr. Esa Syeed
Morgan	Barragan	English, B.A.	The Successes and Downfalls of the San Gabriel Mountains National Monument Designation	Dr. Monica Argandoña
Kaylee	Brubaker	Human Development, B.A.	Stories from the Kid's Table: Saving a Seat for Imagination	Dr. Jamie Apostol
Sam	Hatfield	Environmental Science and Policy, B.S.	An Interdisciplinary Review of the Coachella Valley Music & Arts Festival and the Burning Man Event	Dr. Monica Argandoña
Molly	Owens	Art Animation, B.F.A. Animation Concentration	The Wedge Between Us: A Short Film	Prof. Aubry Mintz

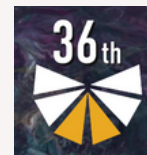
UNIVERSITY HONORS PROGRAM (UHP)

2024 HONORS SYMPOSIUM

Saskia	Perks	International Studies, B.A.	As Good a Reason: Preserving the Identity of Collective Memories Surrounding Ireland's Magdalene Laundries	Dr. Mary McPherson
Trevor	Keenan	International Studies, B.A. & Spanish, B.A.	Drought and Disparities in Spain	Dr. David Pepper
Claire	Kim	Linguistics, B.A.	Korean Music in a Globalized World: A Phonological Study of K-Pop	Dr. Sergio Sandoval Sanchez
Trinity	Juarez	Art 3-D Media, B.F.A.	The Imagined Homeland: An Intergenerational Perspective on Salvadorean Oral Histories	Dr. Jeanne Medina Le
Maria	Maalouf	Physics, B.S. & Math, B.S.	Investigation of Manganese Silicon Spiral Magnet as a Single Magnetic Layer for Superconducting Spin Valve	Dr. Jiyeong Gu
Brynn	Sablan	Organismal Biology B.S.	The Effects of Permanent Water Bodies on Urban Mammal Distributions	Dr. Ted Stankowich
Kasandra	Khiev	Biochemistry, B.S.	Role of Central Loop Region in Apolipoprotein AI in Lipid Binding	Dr. Vasanthi Narayanaswami
Matthew	Maldonado	Physics, B.S.	Comparing Topological Properties of Two-Orbital One-Dimensional Models	Dr. Bill Andreas
Valerie	Tran	General Biology, B.S.	Examining the Relationship between Pollinators & Pollen Size and Shape in Justicia (Acanthaceae)	Dr. Amanda Fisher
Andee	Gonzalez	Management Information Systems, B.S.	How Online Practices Affect Financial Decisions And How To Improve The Effect of Financial Literacy	Dr. Laura Gonzalez
Jacqueline	Mejia	Biomedical Engineering, B.S.	A 3D Collagen Hydrogel Fibrosis Model: Determining the Effect of Matrix Density and TGF-B1 on Fibroblast Behavior	Dr. Perla Ayala
Ian	Hass	Business Economics, B.A.	Examining Modern Christianity	Dr. Ray Briggs
Alana	Respicio	Business Administration, B.S. Accountancy Option	What Do Articles Tell Us About How Artificial Intelligence, Over the Past Ten Years, Impacted the Accounting Profession?	Dr. Alice Rivera
Giovanna	Quevedo	Nutrition, B.S. Nutritional Science Concentration	From Pantry to Plate: Assessing Student Satisfaction with On-Campus Food Pantry Meal Kits	Dr. Dustin Moore
Alexandra	Cervantes	Health Care Administration, B.S.	Social Media: Impact on Consumers' Alcohol Consumption	Dr. Tianjiao Qiu
Ana	Gonzalez	Recreation Therapy, B.S.	Recreation Therapy Manual for Substance Abuse in El Salvador	Dr. Chung Sup



36TH ANNUAL STUDENT RESEARCH COMPETITION (SRC)



ABOUT SRC

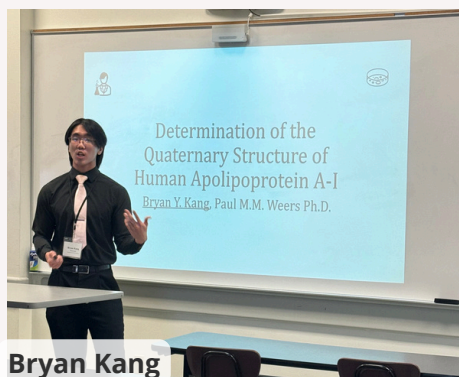
The purpose of the 36th Annual Student Research Competition (SRC) is to showcase excellence in scholarly research, and highlight creative activity conducted by CSULB undergraduate and graduate students. The Student Research Competition will feature oral presentations to an audience of fellow students, university community members, and a jury of distinguished faculty. The 2024 SRC was held on Friday, March 8 at the College of Business (COB).

CSULB COMPETITION: 1ST PLACE WINNERS

- **Angel Marin-Flores** – Behavioral and Social Sciences
- **Bryan Kang** – Biological and Agricultural Sciences
- **Wynn Barnard** – Creative Arts and Design
- **Claudine Maloles** – Education
- **Jalen Leyretana and Alex Alonzo** – Engineering and Computer Sciences
- **Ruby Barragan** – Health, Nutrition, and Clinical Sciences
- **Travis Barnett** – Humanities and Letters
- **Anais Johnson** – Physical and Mathematical Sciences



Angel Marin-Flores & Family,
Dr. Elyzza Aparicio, Dr. Simon Kim



Bryan Kang



Dr. Ga-Young Kelly, Alex Alonzo,
Jalen Leyretana

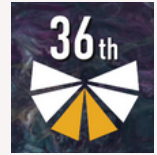


Ruby Barragan



Dr. Elyzza Aparicio, Anais Johnson,
Dr. Simon Kim

36TH ANNUAL STUDENT RESEARCH COMPETITION (SRC)



SYSTEMWIDE COMPETITION @ SAN LUIS OBISPO: WINNERS

- 1st Place Winner: Ruby Barragan - Health, Nutrition, and Clinical Sciences
- 2nd Place Winner: Raya Torres - Humanities and Letters



Ruby Barragan



Raya Torres

SRC MOMENTS CAPTURED



CSULB SRC Awards Ceremony



CSULB SRC participants & staff at Awards Ceremony



Travis Barnett at the Systemwide SRC



Students, families, staff at the Systemwide SRC

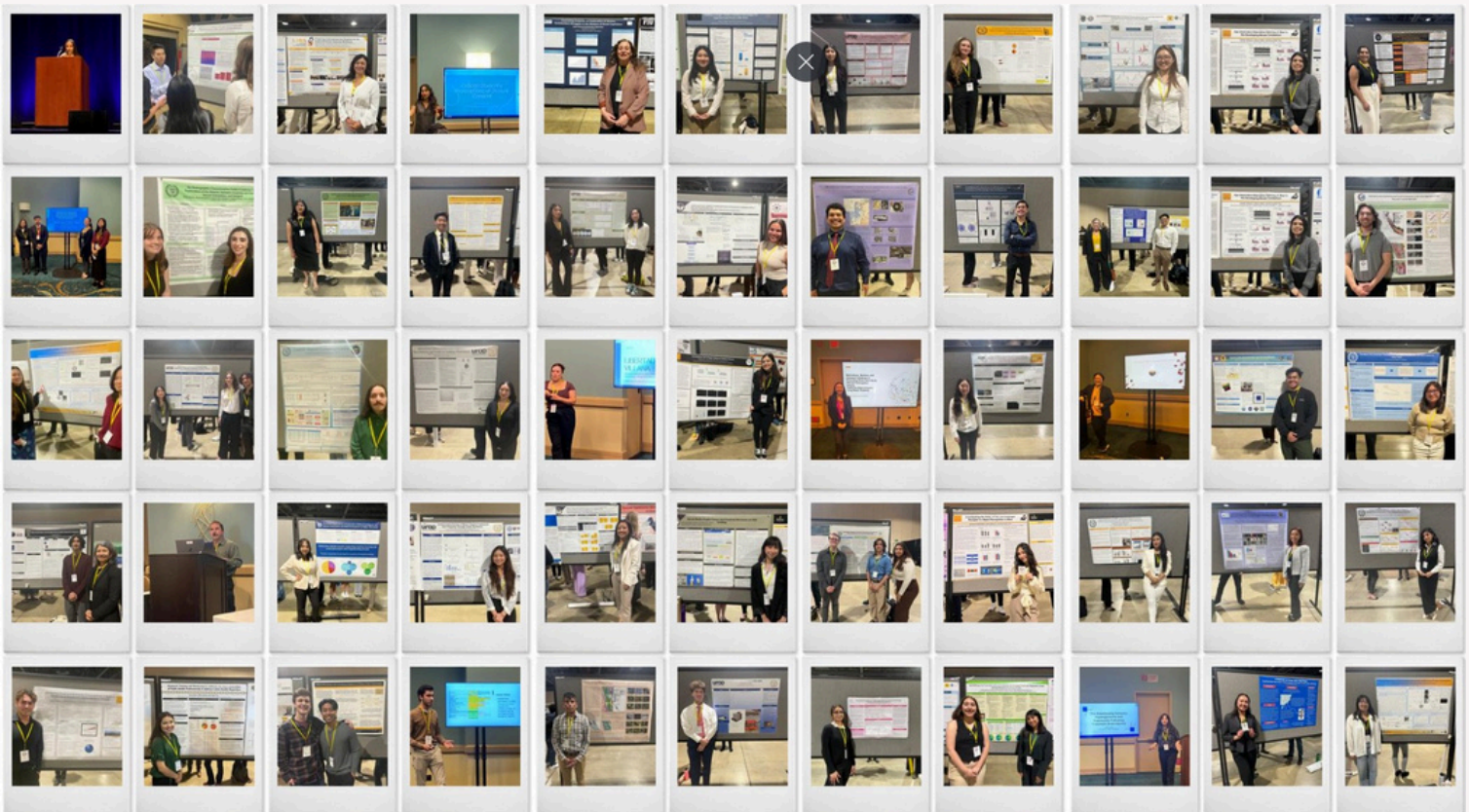
NATIONAL CONFERENCE ON UNDERGRADUATE RESEARCH (NCUR)



ABOUT NCUR

The [National Conference on Undergraduate Research \(NCUR\)](#) is dedicated to promoting undergraduate research, scholarship and creative activity in all fields of study by sponsoring an annual conference for students. Unlike meetings of academic professional organizations, this gathering of student scholars welcomes presenters from all institutions of higher learning and from all disciplines. Overall, this conference offers a unique environment for the celebration and promotion of undergraduate student achievement; provides models of exemplary research, scholarship, and creative activity; and offers student career readiness development.

NCUR 2024: LONG BEACH CONVENTION CENTER



SOUTHERN CALIFORNIA CONFERENCES FOR UNDERGRADUATE RESEARCH (SCCUR)



ABOUT **SCCUR**

[Southern California Conferences for Undergraduate Research \(SCCUR\)](#) is an organization of Southern California faculty, administrators, and interested members of the community who share the common goal of improving education for college and university students through hands-on experiences of undergraduate research, scholarship, and creative activity. SCCUR supports inquiry-based education, in which students learn while doing, working closely with faculty mentors on significant academic projects and presenting their results to audiences in a professional manner.

SCCUR **2024**

- Day/Time: Friday, November 1, 2024
- Location: California State University, San Bernardino

ABSTRACT **DEADLINES**

- Call for Abstracts Submissions: June 30th, 2024
- Abstract Submission Deadline: September 22nd, 2024

WHEN TO **REGISTER**

- On-Line Registration Opens: September 30th, 2024
- On-Line Registration Closes (PRESENTERS): November 10th, 2024
- On-Line Registration Closes (GENERAL ATTENDEES): November 23rd, 2024
- On-Line Registration Cost: \$85.00 (Presenters and General Attendees)
- Day-of-Conference Registration on Site: \$95.00

UNDERGRADUATE RESEARCH ASSOCIATION (URA)

ABOUT URA

URA is an organization open to all CSULB students and is dedicated to providing undergraduate students who are interested in research with a community to connect with, learn from, and network with. The URA hosts several workshops and host guest speakers throughout the academic year.



URA Executive Officers at the First General Meeting



URA Executive Officers at the Week of RSCA Research Mixer

CONTACT URA



Linktree: <https://linktr.ee/csulbura>



Instagram: <https://www.instagram.com/csulbura/>

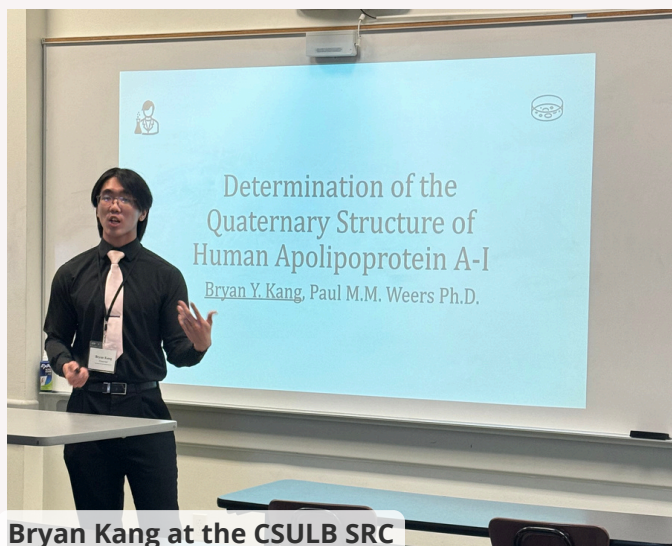


Discord: <https://discord.com/invite/mRbvwnMhh4>

STUDENT HIGHLIGHT: BRYAN KANG



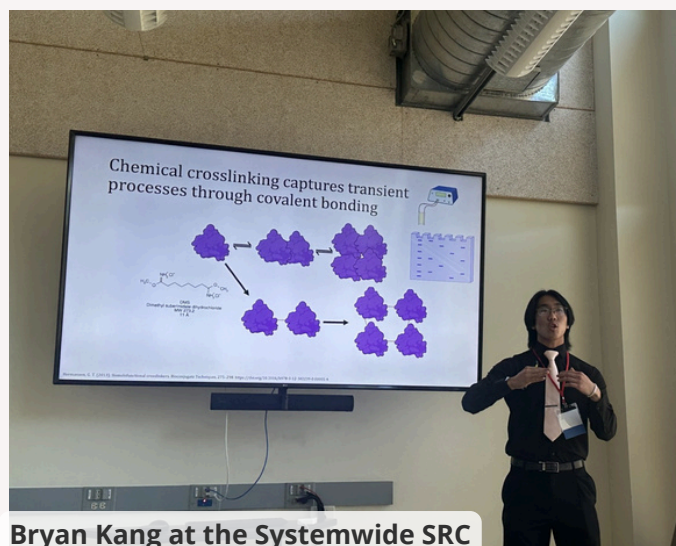
Bryan Kang



Bryan Kang at the CSULB SRC

SUMMER RESEARCH

"For my summer research experience/internship, this January-March I had applied to biomedical and medical focused summer Research Experiencing for Undergraduates (REU). While not a part of BUILD or U-RISE, upper division research programs that have their scholars apply to these REUs, I elected to pursue this path to further explore the amalgamation of a career in research and medicine (as a research-scientist). While I am still waiting to hear back from several programs before making my final decision, it is most likely I attend the University of Alabama at Birmingham's Kidney, Urology, and non-Malignant Hematology Research Experience (UAB KURE). In the UAB KURE, I am allowed a research-focused experience for 12 weeks (8 weeks on-campus) that allows for me to perform basic or clinical research in a field that captivates my curiosity. Along with the mentorship during my research project, networking, didactic session, transplant and clinical observations, an oral presentation of my research at the KURE symposium, as well as at the KUH NIH conference are other benefits that will facilitate the development of my career. Lastly, I would like to thank the support of my principal investigator, Dr. Paul Weers. With pursuing a summer REU comes my absence in his lab, despite this Dr. Weers still heavily encouraged my application towards these programs."



Bryan Kang at the Systemwide SRC

STUDENT HIGHLIGHT: ONORA HATCHETTE



Left: Dr. Scott-Hayward
Right: Onora Hatchette

ABOUT ONORA

Onora Hatchette is a graduating senior with a major in Criminology, Criminal Justice & Emergency Management and a minor in Forensic Studies. Throughout the academic year, Onora worked with Dr. Christine Scott-Hayward, Director and Professor of the School of Criminology, Criminal Justice, and Emergency Management.

REFLECTION ON RESEARCH

“During the Fall 2023 Semester, I along with 3 other undergraduate students worked with Dr. Christine Scott-Hayward and attended court hearings for scheduled arraignments in the Clara Shortridge Foltz Criminal Justice Center in Los Angeles, and Santa Ana Jail. We collected and reported qualitative observations using systematic court observations of court proceedings regarding bail decision. This past February, Dr. Scott-Hayward and I presented our findings in this year’s Western Society of Criminology Conference. This was such an amazing opportunity to be a part of. My interest and desire to contribute to research has grown and flourished.”

STUDENT HIGHLIGHT: RAYA TORRES



Raya Torres

Major: Journalism

Minor: Psychology

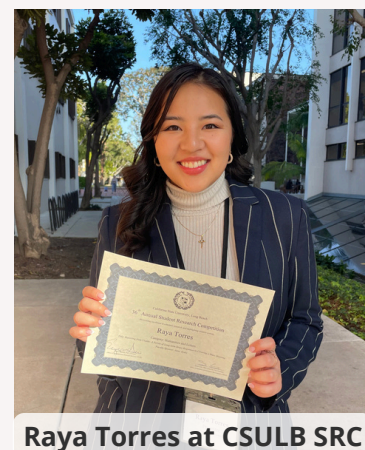
Faculty: Jesús Ayala, Dept. of Journalism & Public Relations

RAYA'S REFLECTION ON RESEARCH

"I never expected to develop passion and appreciation for research during my undergraduate career here at CSULB. Having completed, presented and competed with two successful research projects, I feel deeply humbled and gratified. Especially since I shared my projects in various conferences and competitions, while proudly representing the university, I certainly feel very equipped to hone into my research skills throughout the next stage of my life. I am especially grateful for UROP for sending me to the CSU Student Research Competition for the last two years, and I am proud to have brought an award home this year! I look forward to eventually pursuing a master's degree and publish several studies along the way. As I embark onto my next chapter, which entails working as a professional journalist, I believe that research has empowered me to stay curious, gritty and perseverant when searching and reporting on the truth."

CONFERENCE PARTICIPATION

- **Research #1: Reporting from Uvalde: A Survey of Long-Term Stress Responses to Covering a Mass Shooting**
 - CSU Student Research Competition 2024 at Cal Poly SLO
 - Won 2nd overall in Humanities and Letters Undergraduate Division
 - CSULB Student Research Competition 2024
 - Won 2nd in Humanities and Letters Division (1st place among undergraduate students)
 - CSULB University Honors Program Research Symposium, Spring 2024
 - Southwestern Anthropological Association Annual Conference 2024 at Garden Grove, CA
 - Was invited to present at this conference
- **Research #2: The Importance of Radio Journalism During and After the Japanese Attack on Pearl Harbor**
 - CSU Student Research Competition 2023 at San Diego State
 - Finalist for Humanities and Letters Undergraduate Division
 - CSULB Student Research Competition 2023
 - Won 1st overall in Humanities and Letters Division

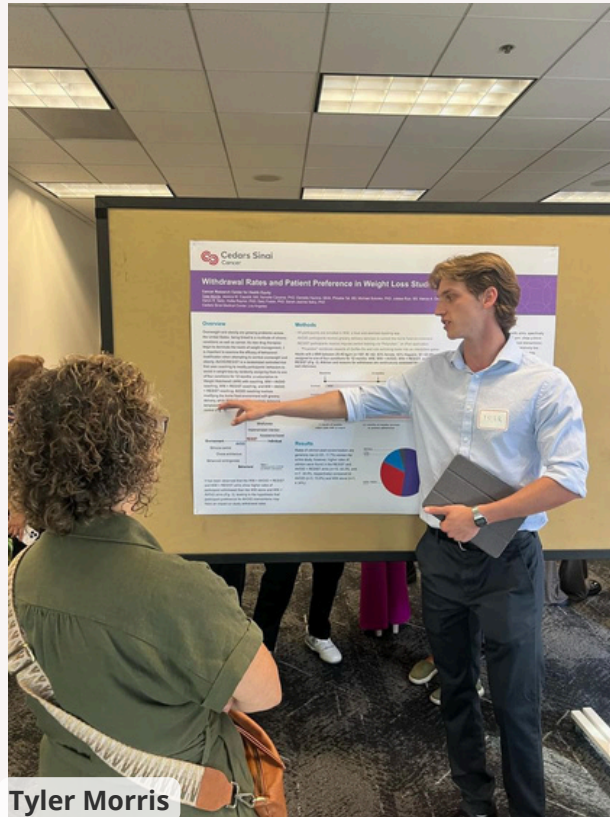


Raya Torres at CSULB SRC



Raya Torres at the Systemwide SRC

STUDENT HIGHLIGHT: TYLER MORRIS



Tyler Morris

ABOUT TYLER

Tyler Morris is a fourth-year student in Psychology, taking pre-med courses in conjunction with his psychology coursework. Tyler has been working with Dr. Sarah-Jeanna Salvy at the Cedars Sinai Medical Center.

PARTICIPATION IN U-GROW

"U-GROW has been an influential program that has given me the experience and resources I need to further my path in undergrad and beyond. Working with Dr. Salvy and her team at Cedars Sinai Medical Center was my first introduction to psychological research, and they could not have been better mentors. Getting hands on research experience as well as one on one advising and support from the U-GROW team has allowed me to feel confident in my abilities, as well as seek out further opportunities that will aid me in my career path."

STUDENT HIGHLIGHT: VICTORIA MIN



Victoria Min

Major: Health Science:
Community Health Education
& School Health Education
Faculty: Dr. Kimberly Kelly,
Human Development & Dr.
Virginia Gray, Department of
Family and Consumer Sciences

CONFERENCE PARTICIPATION

- 2021
 - UROP Symposium
 - Data Fellows Symposium
- 2022
 - UROP Symposium
 - BUILD Symposium
- 2023
 - 35th CSULB Student Research Competition
 - Week of RSCA
 - Southern CA Public Health Association Conference
 - CSULB Honors Symposium
- 2024
 - 36th CSULB Student Research Competition
 - Week of RSCA
 - Western Regional Honors Conference
 - National Conference of Undergraduate Research

VICTORIA'S REFLECTION ON RESEARCH

"I was fortunate to be granted the opportunity to join the Undergraduate Research Opportunity Program in my first year at CSULB. One project led to one year of research, and more and more doors opened up during the following years. Guest speakers and chances to be a panelist at informational sessions led me to my current position as a Year 2 BUILD Scholar and the support needed to conduct my own research and present it at conferences. I navigated both research and regular classwork by treating them equally. I dedicated a certain amount of time per week (which changed depending on the time of the semester) and then committed to completing the tasks needed to deliver on my responsibilities. I prioritized deadlines and group work first, and always kept my Google Calendar updated. I try to work on bigger projects in little parts, too, to make it more feasible to complete. Because of all of the undergraduate experience I gained over the past few years, I feel very confident in preparation of my pursuit of my Master's degree of Public Health at CSULB."

**THANK YOU
FOR READING THE OURS
SPRING '24 NEWSLETTER!**

SEE YOU IN THE SUMMER!