Sally Casanova Pre-Doctoral Scholars 2021 Annual Biomedical Research Conference for Minority Students Virtual Conference Summer Research Opportunities Faculty Mentor Directory Office of Undergraduate Research Services (OURS) Animated Research Videos: "What is Research?" "How to get involved in Research at CSULB?" INTRODUCTION TO THE OURS 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. Shakarian Student Success Center Office of Undergraduate Research Services Shakarian Student Success Center Suite 120 End of the Fall 2021 Semester: **OURS Office:** As we near the end of the Fall 2021 semester, we As of August, OURS has been working in-person would like to thank each one of our students, staff, to serve undergraduate students interested in and faculty for their contributions for a safe return participating in research. Please visit us at to campus. For any questions, assistance, or SSSC-120 to ask us any questions you may have guidance on how to participate in undergraduate about undergraduate research, meeting with a research, please reach out to OURS at peer advisor, or infomation about upcoming undergraduate research workshops. AA-Ours@csulb.edu. **Contact information:** Phone: (562) 985-7754 Email: AA-Ours@csulb.edu

Office of Undergraduate Research Services Newsletter - Fall 2021

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34th Annual CSULB Student Research Competition

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

What is the Student Research Competition? The purpose of the 34th 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 proposal submission deadline for the CSULB SRC is February 7, 2022 at 11:59pm. The competition will take place on Friday, March 11, 2021 at the CSULB College of Business. For more information about applying, participating, or attending, please visit the CSULB SRC Website. Who can participate? Undergraduate or graduate students currently enrolled at CSULB, as well as alumni/alumnae who receive their degrees in Spring, Summer, or Fall 2021, are eligible. Research and/or creative activities presented should be appropriate to the student's discipline and career goals. Proprietary research is excluded. **Rules and Guidelines: Competition Format:** The paper summary should not exceed five The format is intended to resemble a professional double-spaced pages in length, not including apacademic meeting and exactly replicates the setting

of the statewide competition. Each student will pendices. Appendices (bibliography, graphs, photographs, or other supplementary materials) should have five minutes to set up their computer for the not exceed three pages. File size should not exceed PowerPoint presentation, eight minutes for an oral presentation and five minutes to respond to 25mb. questions. **Research Categories** Behavioral and Social Sciences Engineering and Computer Science Health, Nutrition, and Clinical Sciences Biological and Agricultural Sciences Business, Economics, and Humanities and Letters **Public Administration** Interdisciplinary Creative Arts and Design

Physical and Mathematical Sciences Education National Conference on Undergraduate Research (NCUR) @ Home 2022

Engaging minds. Empowering students What is Council on Undergraduate Research? The Council on Undergraduate Research (CUR), founded in 1978, is an organization of individual, institutional, and affiliate members from around the world. CUR members share a focus on providing high-quality and collaborative undergraduate research, scholarly, and creative activity opportunities for faculty and students. CUR believes that faculty members enhance their teaching and contribution to society by remaining active in research and that students engaged in undergraduate research succeed in their studies and professional advancement. Free Membership for all Students, Staff, and Faculty As a California State University, Long Beach student, staff, or faculty, you are able to register as a member of CUR at no cost to you. CUR memberships are designed to assist students, staff, faculty, and researchers in their efforts to develop, enhance, and support undergraduate research. By being a member of CUR, members are connected to a diverse network of researchers across the nation and around the world. National Conference on Undergraduate Research (NCUR) at Home 2022

The Council on Undergraduate Research will host the National Convention on Undergraduate Research (NCUR) virtually on April 4-April 8, 2021. Submissions for abstracts opened on September 15, 2021 and the

How to create an Account with Council on Undergraduate Research. For any questions or assistance for

Registration for the event will open on **February 1, 2022.** We hope to see you there! For more information

CSULB BUILD kicks off fall semester in-person with annual student research symposium The BUILD program at California State University, Long Beach (CSULB) held their annual BUILD Summer Research Symposium on Sept. 10, 2021, on the CSULB campus. This was the program's first in-person event

BUILD has held research symposiums as the culminating event for the Summer Undergraduate Research Gateway to Excellence (SURGE) Program. Last year's symposium took place as a virtual event. Fortunately for the CSULB BUILD community, students presented their work in-person at the start of the fall semester

The symposium included two hour-long poster sessions with 31 poster presentations to an audience of about 100 people. Following health and safety guidelines from the campus, the event was held outdoors to allow

deadline for submission will be November 29, 2021. To register for NCUR, follow this guide on

Week of Research, Scholarly, and Creative Activity (RSCA) 2022 The Week of Research, Scholarly, and Creative Activity (RSCA) 2nd annual event will take place April 18 - 22, **2022.** This event will focus on highlighting some of the amazing work currently being done across the CSULB campus by students, staff, and faculty. We hope to show the immense value and importance that the projects have not only on the campus but also within local communities. There will be plenty of opportunities to meet with presenters, have dialogues regarding various scientific and social topics, and network with members from various disciplines across CSULB. This year's event is scheduled to take place in-person at CSULB and the Week of RSCA encourages everyone to not only engage with the sessions that are related to their own disciplines but also attend and engage with those that are outside of their own disciplines.

submitting your abstract, please contact OURS at AA-Ours@csulb.edu.

about Week of RSCA, please visit the <u>CSULB Week of RSCA Website</u>.

since the start of the COVID-19 pandemic in March 2020.

and even invited their friends and family to the event.

Building Infrastructure Leading to Diversity

(BUILD)Symposium & Virtual Application Workshop

social distancing, and attendees were provided with grab-and-go snacks and beverages.

"The annual research symposium is often students' first opportunity to present a research poster and gives them a boost of confidence as they begin their research career," Nicole Streicker said. "This year, students had the opportunity to share their hard work and research with their peers, loved ones, and the campus community. This event is especially meaningful to the BUILD staff and faculty, as it provides an opportunity for us to engage with students' loved ones." The event also allowed CSULB BUILD to welcome two new campus leaders to the community: the Provost and Senior Vice President for Academic Affairs, Karyn Scissum Gunn, Ph.D., and the Dean of the College of Engineering, Jinny Rhee, Ph.D.

Attendees from the BUILD Research Symposium jump for joy for the first BUILD Below is the list of BUILD student presenters, which includes the newest cohort of Scholars and Fellows, and several second-year Scholars: Presenter Poster title Antonio Arreguin Treatment of Contaminated Water using Recycled Plastics Marc Barcelos Relative RNA Expression of Opioid Receptors Subtypes to Ethanol in Rewar Pathways Sabrina Calderon ANAC072 Contributes to the Regulation of Leaf Senescence Samid Ceballos The Design Optimization of a Powered Knee-Ankle Prosthesis for Amputee **Trials** Roshni Choksi Familiarity and Working Memory: How Familiar Objects require less

Coarse-grained Model of Gecko Foot Keratin Spatula for Steered

Inherent Chirality of Au-Cavitands in Catalyzing the Cycloisomerization of

Genetic Characterization of Ampicillin-Resistant E. coli from a Southern

The Effects of Activating Serotonin 1B (5-HT1B) Receptors on Ethanol

How does exposure to computer science before college increase motivation

Deposition of Lithium and Interfacial Process on Copper Surfaces in Liquid

An Analysis of Depressive Symptoms Among Varying Demographics of the

Remodeling BioSentinel's Microbial Metabolism Measurement System

Evaluating DDAO-Arachidonate Activation in Canine and Human Lung

A Survey of Public-Health Data Tracking & Communication Practices for Black, Indigenous, and People of Color (BIPOC) in Southern California to

Health-Seeking Behaviors among Children of Immigrant Families

Degradable Elastomers Based on Sustainable and Green Chemistry Utilizing CRISPR/Cas9 to determine the role of clathrin in enhancing

Effects of Footwear on the 1-Repetition Maximum Deadlift

Metal-Organic Framework Thin-Films for Drug-Eluting Stent Coatings Application of 3D Printed Patient-Specific Models for Optimal Treatment

Characterization of Ampicillin-Resistant Escherichia coli Isolates from a

BUILD Year One Scholar, Antonio Arrequin, presenting

BUILD Year Two Scholar, David Guirgus, presenting his poster to

BUILD & RISE

Joint Application Interested in health-related research and

Apply Now!

Applications Due: 2/21/20

Full time CSULB Undergraduate 🗸 1-2 years remaining at CSULB

US Citizen/Permanent Resident 🕢

Year

2021-2022

2021-2022

2021

2021

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2021 2021

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2021

2021

2021

2021

2021

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2021

2021-2022

2021-2022

Graduating Senior

No

No

No

Yes

CSULB Provost and Senior Vice President, Dr. Karyn

pursuing a PhD?

Eligibility:

RISE

Scissum Gunn.

Apply to the Building Infrastructure Leading to Diversity (BUILD) Program

be reviewed by both programs! To get started, visit https://www.csulb.edu/build/apply to review the

The BUILD application is now open and due February 21, 2022. We host a joint application with the CSULB Research Initiative for Scientific Enhancement (RISE) Program, so when you submit your application, it will

application elements checklist. *New this cycle: after feedback from students, we have reduced our application requirements and shortened the application form. For more information about the BUILD Program, please

his research poster to attendees.

The Role of Cognitive Impairment on Dual-Task Gait Performance

Working Memory Resources

Molecular Dynamics Simulations

California Beach and Tidal Channel

Danna De Boer

Anna Esquivel

Victor Flores

Ana K. Garcia

Devin Ghidella

David Guirgus

Daisy Ortiz

Makena Pollon

Drew Ramos

Emma Rosas

Angel Ruiz

Maria Soto

Johann Tailor

Corey Tanaka

Diana Than

Meleia Vyrak

Kunaal Sarhaya

Adeline Rosales

Gabriela Pena Carmona

to pursue a further study in computer science and related fields? Stepping Towards a Healthy Lifestyle with HeartSteps Lynn Ha Cecilia Heredia Effects of Wildfire on Soil Microbes in Chaparral Environments The Impact of Covid-19 on Venezuelan Refugees and Asylum Seekers in Lauren Lakritz Costa Rica **Cameron Larios** Differences in Myoglobin Concentration Between Control Mice and Mice Selected for Wheel-Running Behavior The Effect of Menstrual Phase on Metabolic Parameters During Fasted and Silvia Yesenia Lopez Fed Exercise Torres Emily Marquez Directed Evolution of Metalloenzymes for Stereo-controlled Atom Transfer Radical Addition and Polymerization Using a Supervised Machine Learning Model to Detect Freezing Behavior Tyler Nelson

United States During the COVID-19 Pandemic

Combat the COVID-19 Pandemic

of Carotid Arterial Diseases

HIV-1 Nef mediated infectivity

Predictors of Obtaining Restraining Orders

Southern California Beach and Tidal Channel

in Mice

Tumors

BUILD PIs and Training Directors with BUILD student

BUILD Fellow, Cameron Larios, presenting research poster

Looking for support to complete your application? BUILD Graduate Mentors will be hosting office hours in the spring semester to give feedback on writing your application statement.

On 2/3/2022 at 4:00PM (PST) BUILD, RISE, and LSAMP will

host a **virtual application workshop** to go over each element

of the application. Current program students will be there to

If you have questions along the way, we are here to help! For

questions about the BUILD Program, please email

McNair Awards/Recognitions:

McNair Scholar

Marco Marrufo

Electrical Engineering

Ayoola Fadonougbo

International Studies

Victoria Diaz

Alexi Reed

Chemical Engineering

Chemical Engineering

Jessica Valencia

Jonna Barcelona

Christian Carrillo

Andrew Chandar

Kelly Duong

Briana Franco

Kierra Manuel

Lilia Martinez

Alezja Simpkinz

Ulises Guzman

Who is Eligible to Apply?

What Should I Submit?

video application that includes:

impact in the world?)

the Status of Women

What If I am Selected?

What is MMUF?

MMUF Goal and Objectives

law school or other professional schools.

Fellowship or visit the <u>CSULB MMUF Website</u>.

MMUF 2023 Cohort Member Introduction

Eligibility and Application

Fellowships and Scholarships:

Fall 2020 to Spring 2021

Research Presentations:

Fall 2020 - Spring 2021

Program Benefits

Who can apply?

Awards:

Southern California, November 2021

President's Honor List (Fall 2020, Spring 2021)

PhD program in their chosen field of study.

PhD program in their chosen field of study.

Computational and Systems Biology

Engineering, Physics and Mathematics

Sciences, College of Natural Sciences and Mathematics.

Department of Kinesiology, College of Health and Human Services.

Department of Biomedical Engineering, College of Engineering.

Sally Casanova Pre-Doctoral Scholars Program

What is the Sally Casanova Pre-Doctoral Scholars?

Mellon Mays Undergraduate Fellowship, 2021-2023

Kelli Nakamura:

formation.

community.

Your name and department affiliation. A description of your research project

Any findings (What did you discover?)

How will my submission be judged?

Mathematics

Sociology

Psychology

Physics

Science

Applied Mathematics,

Sebastian Marroquin Chemistry-Material

Sociology

Psychology

History, Religious Studies

Rihab (Rae) Boumzough

Mathematics

Psychology

Psychology

Psychology Cynthia Ray

Social Work

Biomedical Engineering Anayeli Hernandez

give tips and answer questions you may have. Click this link to

Visit our website in early spring to find the schedule.

(Daisy Ortiz) and her loved ones.

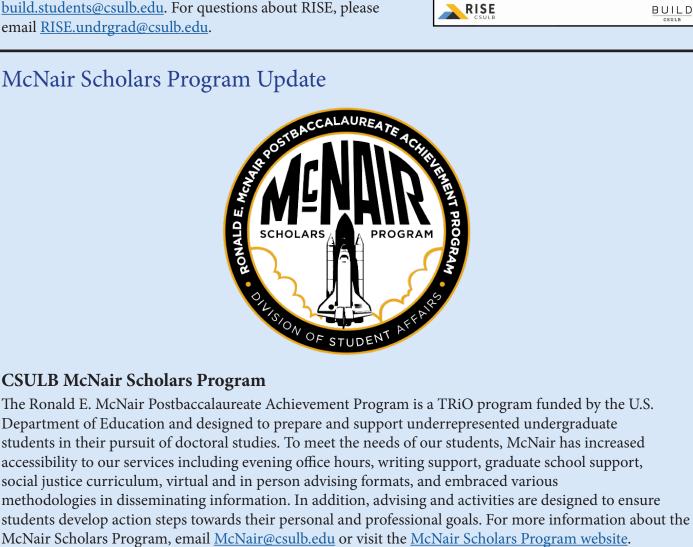
visit the <u>CSULB BUILD website</u>.

Application Support

register!

Electrolyte

Preference in Adolescence Female and Male Rats



Award

Sally Casanova Scholar

SCCUR conference

NCUR Conference

LASA Conference

Sally Casanova Scholar

SACNAS conference

SCCUR conference

RISE (Research Intensive Summer

Experience) at Rutgers University

Merrimack River Watershed Council,

UCLA National McNair Conference

Station1 Frontiers Fellowship

ASI Chief Diversity Officer

SCURR Conference

SCCUR Conference

NASA's Jet Propulsion Laboratory

NASA's Goddard Space Flight Center

UCLA National McNair Conference

UCLA National McNair Conference

UCLA National McNair Conference

SPSS Conference 2022 NCUR Conference 2022 UCLA National McNair Conference 2021 UCLA National McNair Conference 2021 UCSD-Materials Research Science and 2021 Engineering Center, Research Education for Undergraduates UCLA National McNair Conference 2021 2021 UC Berkeley Labor Summer Organizing UCLA National McNair Conference 2021 Long Beach Community Internship 2021 Program UCLA National McNair Conference 2021 CSULB Women's Research Colloquium What is the Women's Research Colloquium? The Women's Research Colloquium (WRC) is held annually to provide a forum in which California State

University, Long Beach (CSULB) student scholars—alongside faculty and staff—can share research done by women and/or related to women's issues and concerns. The Women's Research Colloquium will be held

virtually on Friday, March 18, 2022. For more information, visit the CSULB WRC website.

The submission will be judged based on content and delivery, so be sure to hit on all of the

If you are one of three students who are selected, you will be asked to deliver a 10-12 minute

invited to showcase a pre-recorded ted-talk style research presentation in the virtual repository.

MELLON MAYS

bullet points above while also considering how to make your presentation compelling to a general audience. PCSW's mission is to ensure that the University responds to the needs of women by removing inequities and

Research projects should be creative, focused, and related to women's issues and concerns. Research foci that

ted-talk style research presentation during the WRC and participate in a question and answer session with a live audience. After the WRC, a video of your talk will be posted and pinned on the PCSW website. Winners will also receive formal recognition from the office of the president and a \$25 gift card. Runners up will be

UNDERGRADUATE FELLOWSHIP PROGRAM

The Mellon Mays Undergraduate Fellowship (MMUF) Program 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.

The fundamental objective of MMUF is to address, over time, the problem of underrepresentation in the academy at the level of college and university faculties - specifically, faculties in the humanities and selected social sciences. This goal can be achieved both by increasing the number of students from underrepresented minority groups (URM) who pursue PhDs and by supporting the pursuit of

demonstrated a commitment to the goals of MMUF. The MMUF program is designed to encourage fellows to enter PhD programs that prepare students for professorial careers in the humanities and selected social sciences; it is not intended to support students who intend to go on to medical school,

To apply you must have sophomore standing or be a first-year transfer, have a GPA of 3.5 or higher, plan to pursue a doctoral degree in one of the Mellon-approved fields of study, and have a completed application consisting of two strong letters of recommendation from faculty, transcripts, writing sample, and resume/CV. Please contact mmuf@csulb.edu if you have any questions about applying to the Mellon Mays Undergraduate

I am a Chinese adoptee to third generation Japanese American parents. Although many individuals

research on the experiences of adoptees. Currently, I am researching young adult novels that focus on international adoption. My goal is to analyze how these novels represent adoption in terms of identity

Over the summer, I had the opportunity to assist Dr. Varisa Patraporn and Dr. Barbara Kim with their research project. These professors are analyzing the formation of Cerritos as an ethnoburb. The majority of residents in Cerritos are Asian American. In turn, their research project analyzes the impact of the city's demographics upon their political participation and business formation.

Best Paper in CSULB Asian American Studies, Asian and Asian American Studies Department:

Best Paper in Asian American Studies, CSULB Asian and Asian American Studies Department:

The Sally Casanova Pre-Doctoral Scholars Program provides funding to enable current CSU students to explore whether graduate school is right for them and to prepare those who are certain they want to pursue a

Scholars may apply the \$3,000 stipend to a number of educational and professional expenses. For example, students may visit U.S. doctoral-granting institutions and/or to attend professional meetings appropriate to the student's development. Similarly, students may use the stipend for other related

The Sally Casanova Pre-Doctoral Scholars Program provides funding to enable current CSU students to explore whether graduate school is right for them and to prepare those who are certain they want to pursue a

activities, such as student membership in professional organizations, subscriptions to academic journals,

Scholars complete a summer research experience at a University of California campus or other U.S. major research university, fully funded by the Pre-Doctoral Program, so that the scholar can participate in

Sally Casanova Scholar recipients receive a \$3,000 stipend plus a funded summer research

experience for Scholars who are not enrolled in a PhD program by fall 2023.

graduate school applications and test fees, or GRE test preparation.

doctoral-level research prior to applying to a Ph.D. program.

Mellon Mays Western Regional Undergraduate Conference 2021, virtually hosted by the University of

associate cultural identity with ancestry, transnational and transracial adoptees challenge this biocentric paradigm. Since I have a personal connection with the topic, I decided to focus my

PhDs by students who may not come from traditional minority groups but have otherwise

providing a supportive educational, working and social environment for all members of the campus

If you are a student who has done independent research and you either identify as a woman or you do research related to women's issues and concerns, you are eligible to submit an application.

Please submit a 100 word project description and a 3-5 minute

(What are you studying? How are you studying it?).

Research relevance (How is your project/findings/methods theoretically relevant and/or how did/will this have an

Connection to the mission of the President's Commission on

align with the mission and values of PCSW will be given special priority.

Mellon Mays Undergraduate Fellowship

Application Process The Sally Casanova Pre-Doctoral Scholars Program application opens December 2021. For more information about the application timeline, visit the Sally Casanova Pre-Doctoral Scholars Program website or contact Bryan.Rodriguez@csulb.edu. 2021 Annual Biomedical Research Conference for Minority Students Virtual Conference What is the Annual Biomedical Research Conference for Minority Students? The Annual Biomedical Research Conference for Minority Students (ABRCMS) is one of the largest communities of underrepresented minorities in science, technology, engineering, and mathematics (STEM). Students attend this conference to present their research, enhance professional development skills, explore graduate schools, and network (https://www.abrcms.org/). The conference included keynote speakers, flash talks, lightning talks, eposters and professional developmental seminars for students planning careers in the biomedical sciences. Awardees from CSULB **Biochemistry and Molecular Biology** Jordan Cook – Senior Biochemistry major and Fellow in the NIH Research Initiative for Scientific Enhancement (RISE) program – for work titled "Energetically Unfavorable Protein Angles: Exploration of a Conserved Dihedral in Triosephosphate Isomerase" in the lab of Dr. Jason Schwans in the Chemistry and Biochemistry Department, College of Natural Sciences and Mathematics. **Cancer Biology**

Nishi Rauth – Senior Biochemistry major and Fellow in the NIH Research Initiative for Scientific

Mariana Leyva – Senior Biology major and Scholar in the NIH T34 Maximizing Access to Research <u>Careers (MARC) program</u> – for work titled "The Impact of Increasing Global Temperature on Parasite-host Interactions of the Brown-headed Cowbird (Molothrus ater)" from their summer research experience with Dr. David Karowe (Western Michigan University) and Dr. Jason Price (St. Mary's College of Maryland). At CSULB, Mariana does research with her mentor, Dr. Ted Stankowich, in the Department of Biological

Tiffany Sorto – Senior Biomedical Engineering major and Fellow in the NIH Research Initiative for Scientific Enhancement (RISE) program – for work titled "Improving Laser Speckle Processing Tools to Quantify Blood Flow" from their summer research experience with Dr. Bernard Choi at University of California, Irvine. At CSULB, Tiffany does research with their mentor, Dr. Michelle Alencar, in the

Drew Ramos – Senior Biomedical Engineering major and Scholar in the NIH <u>Building Infrastructure</u> <u>Leading to Diversity (BUILD) program</u> – for work titled "Evaluating DDAO-Arachidonate Activation in Canine and Human Lung Tumors" in their summer research experience with Dr. Edward Delikatny at the University of Pennsylvania. At CSULB, Drew does Research with their mentor, Dr. Perla Ayala, in the

Alara Blofield – Senior Biomedical Engineering major, for work titled "Design and Simulation of a Novel Series Left Ventricular Assist Device (LVAD)" in the lab of Dr. Ga-Young Suh in the Department

Department of Chemistry and Biochemistry, College of Natural Sciences and Mathematics.

Enhancement (RISE) program – for work titled "Modulation of the Unfolded Protein Response - A Potential Mechanism Underlying the Chemo-preventive Action of Aspirin" in the lab of Dr. Deepali Bhandari in the

of Biomedical Engineering, College of Engineering. Khelynn Nou – Junior Biomedical Engineering major, for work titled "Spatiotemporal Gait Patterns of Mothers Holding and Carrying Their Infants" in their summer research experience at the University of Southern California with Dr. Kathryn Havens, College of Engineering Microbiology Alexis Guardiola - Senior Microbiology major and Fellow in the NIH Research Initiative for Scientific Enhancement (RISE) program – for work titled "Effects of Plant Restoration on Bacterial Communities in a Sediment-Amended Southern California Salt Marsh" in the lab of Dr. Jesse Dillon in a collaborative project with Dr. Christine Whitcraft, Department of Biological Sciences, College of Natural Sciences and Mathematics. **Johann Tailor** - Senior Microbiology major and Fellow in the NIH <u>Building Infrastructure Leading to</u> <u>Diversity (BUILD) program</u> – for work titled "Utilizing CRISPR/Cas9 to determine the role of clathrin in enhancing HIV-1 Nef-mediated infectivity" in the lab of Dr. Peter Ramirez in the Department of Biological Sciences, College of Natural Sciences and Mathematics. <u>Neuroscience</u> Ryan Weber - Senior Biology major with Molecular Cell Biology and Physiology Option and NIH Fellow in the Research Initiative for Scientific Enhancement (RISE) program – for work titled "Sex

Social and Behavioral Sciences and Public Health **Madeleine Phan** - Junior Biochemistry major and Scholar in the NIH T34 Maximizing Access to Research <u>Careers (MARC) program</u> and and alum from NSF Louis Stokes Alliance for Minority Participation (CSU-LSAMP) – for work titled "Evaluating Adherence Based on Attendance and Exercise Dose in a Mobile Health Exercise Intervention" in the lab of Dr. Jackie Dawson in the Department of Physical Therapy, College of Health and Human Services. **Makena Pollon** – Senior Applied Mathematics and German Studies major and NIH Fellow in the **Building** <u>Infrastructure Leading to Diversity (BUILD) program</u> – for work titled "An Analysis of Depressive Symptoms Among Varying Demographics of the United States During the COVID-19 Pandemic" in the lab of Dr. Yang Lu in the Department of Health Care Administration, College of Health and Human Services. **OURS Summer Research Opportunities Spreadsheet** The CSULB Office of Undergraduate Research Services (OURS) has compiled a plethora of summer research

Differences in Apoptosis-related Gene Expression in the Developing Mouse Cortex and Hippocampus" in the lab of Dr. Houng-Wei Tsai in the Department of Biological Sciences, College of Natural Sciences and

opportunities for you to to explore. The spreadsheet includes some of the summer research programs available across various universities and organizations. This list is not exhaustive, as there are a great number of opportunities in California and across the U.S. Please keep in mind that neither CSULB or UROP/OURS are NOT in affiliation with these universities and organizations regarding their summer research experience. All specific program questions should be directed to the program of choice. This document serves as a starting point, and our office encourages you to visit the page of the program you are interested in for full details on the program, eligibility requirements, dates, funding, and application materials. Please use this link to access the <u>Summer Research Opportunities Spreadsheet</u>. **CSULB Research Mentor Directory** The CSULB Research Mentor Directory provides a campus-wide searchable database of faculty mentors who participate and work with students in various undergraduate research programs on campus. If you are

interested in conducting research under a faculty sponsor, consider using this resource to connect you with faculty members with ongoing research agendas in your field of interest. Please use this link to access the <u>CSULB Research Mentor Directory</u>. **OURS Animated Research Videos**

HOW TO GET INVOLVED IN RESEARCH AT CSULB? The Office of Undergraduate Research Services (OURS) and Building Infrastructure Leading to Diversity (BUILD) presents "What is Research?" and "How to Get Involved in Research at CSULB?" These videos were made to serve as resources to inform students of the various disciplines and fields of research, how to become a research assistant, and how to get involved in research at CSULB. Click the thumbnails above to watch the

For more information about accessing undergraduate research resources, peer advising, or learning about how to get involved in research at CSULB, please visit the Office of Undergraduate Research Services Website.

> **OURS Contact information:** Phone: (562) 985-7754 Email: AA-Ours@csulb.edu California State University, Long Beach Shakarian Student Success Center, Suite 120

OURS Animated Research Videos.