Welcome.

On behalf of the Organizing Committee, it is our pleasure to welcome you to the Ninth Annual Student Research Day (2014) at California State University, Dominguez Hills. Student Research Day has continued to grow since its inception in 2005 and has become a high quality showcase for student’s research in science, the creative arts, and applied areas. It is our privilege to serve as the Conference Chairs for 2014. We are aware of the time students spend conducting research and constructing their projects. Student Research Day is their day, when they present work to their peers, their mentors, the faculty and the community in a conference setting and receive the attention, respect and accolades they deserve.

The students have spent long hours working on projects with their instructors, research supervisors, and mentors. The coming together of individuals from the CSUDH community on Student Research Day generates a synergy of intellectual and creative ideas that is stimulating, exciting, and fun. We thank everyone who is attending today and every individual and organization that contributed to this event for helping our students’ work to be recognized. We welcome the interest shown in Student Research Day by our generous sponsors, guests and judges from the community, and by the local media. Sharing one’s work at conferences is an important part of the path from student to professional and the research shown here could potentially impact our community, nation and the world. The depth and breadth of the work you will see today demonstrates our students really have a lot to offer! The top 10 presentations today will go on to be shown at the statewide California State University Student Research Competition.

Finally, special thanks to the President’s Office, Provost’s Office, the Office of Research and Funded Projects, Events and Ceremonies, the University Library, and Loker Student Union for their support of this event. Since 2005 support for Student Research Day has grown and is now part of the culture of our institution. We are proud of everyone who organizes and attends this event. We thank all of CSU Dominguez Hills for making this the best Student Research Day in its history.

Sincerely,

John Wilkins, Ph.D.
Professor of Mathematics
Conference Chair

L. Mark Carrier, Ph.D.
Professor of Psychology
Conference Co-chair

Laura J. Robles, Ph.D.
Professor Emeritus of Biology and Acting Associate VP for Research and Funded Project
Conference Co-chair
Sponsors

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<td>Charles Thomas</td>
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<td>M. Keith Claybrook, Salim Faraji</td>
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<td>Michele Bury, Kirstin Ellsworth, Gilah Hirsch</td>
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<td>Fawzia Gorce</td>
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<td>Barbara Belmont, H. Leonardo Martinez, Kenneth Rodriguez, Teili Wang</td>
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<td>Corina Benavides Lopez</td>
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<td>Computer Science</td>
<td>Mohsen Beheshti, Antonia Boadi, Jianchao “Jack” Han</td>
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<td>Earth Science, Geography</td>
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<td>English</td>
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<td>Cal Caswell, Natasa Christodoulidou, Gary Polk, Thomas Norman</td>
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<td>Negotiation, Conflict Resolution &amp; Peacebuilding</td>
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<td>Dana Belu</td>
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<td>Psychology</td>
<td>Kyran Barr, Heather Butler, L. Mark Carrier, Desiree Crevecoeur-MacPhail, Steven Frieze, Alex Lim, Keisha Paxton, Larry Rosen, Silvia Santos, Carl Sneed, Tara Victor, Karen Wilson</td>
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<tr>
<td>Public Administration</td>
<td>Hugo Asencio</td>
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<td>Sociology</td>
<td>Kara Dellacioppa, Jeb Middlebrook, Matt G. Mutchler, Katy Pinto, Sohaila Shakib, Clare Weber</td>
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Judges

Jill Aguilar    |   Susan Einbinder |
Jyenny Babcock |   Nancy Erbe      |
Gayle Ball-Parker |   Salim Faraji  |
Roberta Benjamin |   Farah Fisher   |
Debra Best     |   William Franklin |
Ryan Bowles    |   Leena Furtado  |
Kaye Bragg     |   Adriana Godoy  |
Elaine Brandt  |   Linda Goldman  |
Tigress Briggs-Wroten |   Steven Golightly |
Theodore Byrne |   Naomi Goodwin  |
Marco Carreon  |   Kamal Hamdan   |
Sarah Cashmore |   Tracey Haney   |
Cal Caswell    |   John Harwell   |
Cramer R. Cauthen |   Rod Hay       |
Kirti Celly    |   Kimberly Hiatt |
Kathleen Chai  |   Jim Hill       |
Jered Chapman  |   Eric Hwang     |
Nancy Cheever  |   Cheryl Jackson-Harris |
Jan Chilimidos |   Cathy Jacobs   |
Anne Choi      |   George Jennings |
Cheyenne Cummings |   Cynthia Johnson |
Karrah Cunningham |   Amel Khan    |
Veronica D’Aquino |   Hassan Karim  |
John Davis     |   Gloria Keawe   |
Begona De Velasco |   John Keyantash |
Renee Decter   |   Judith King-Rundel |
Gregory Dern   |   Brenda Knepper |
Tiffany L. Edlin |   Pamela Krochalk |
Antonia Issa Lahera |   Alex Lim       |
Alex Lim       |   Vivian Linderman |
Herbert Long   |   Wei Ma         |
Emily Magruder |   Cindy McKenzie  |
Nancy Melucci  |   Christopher Monty |
Patricia Murphy |   Matt G. Mutchler |
Doris Namala   |   Celene Navarrete |
Susan Needham  |   Helen Oesterheld |
Thomas Norman  |   Matt Olson     |
Anthony Normore |   Lauren Outland |
Sheela Pawar   |   Terry Peralta-Catipon |
Claudia Peyton  |   Thomas Philo   |
Katy Pinto     |   Ana Pitchon    |
Gary Polk      |   John Price     |
Nop Ratanasiripong |   Nop Ratanasiripong |
Doris Ressl    |   Brenda Riddick |
John Roberts   |   Silvia Santos  |
Jeff Sapp      |   Ralph Saunders |
Julie Seguin   |   Tayyeb Shabbir |
David Sherman  |   Carl D. Sneed  |
Sterling Spector |   Melissa St. James |
Thomas Taylor  |   Matthew Ting   |
Tara Victor    |   Jan Vogel      |
Dana Ward      |   Vanessa Wenzell |
Annie Whetmore |   Andrea White   |
Trenton Williams |   Karen Wilson |
Cheryl Wolcott |   Ellie Zenhari  |
Zia Zhao       |   Ben Zhou       |

While we have made every effort to include the names of all of our judges in the program, changes may occur between the time this program is printed and Student Research Day on February 13. Please forgive us if we have not included your name and please know that we appreciate the effort each judge and session chair puts into making this day a success. Thank you!

Organizing Committee

John Wilkins (Chair), L. Mark Carrier (Co-Chair), Laura Robles (Co-Chair), Cramer Cauthen, Craig Geber, Kim Larson, Lauren Outland, John Price, Neisha Rhodes, Khanh Vanpetten, Sheila Wood

Student Committee

Jose Lara-Ruiz (Co-Chair), Jessica Mendoza (Co-Chair)
## Directory of Presentations

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<td>Humanities &amp; Letters I, LSU 323, Morning</td>
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All student presenters, faculty mentors, judges and special guests are invited to the luncheon and keynote performance in Ballroom C, 12 noon to 1:30 pm.

Join us from 5–7 pm for the awards presentation and reception hosted by the University Library, 5th floor, South Wing.
Schedule of Oral Presentations

Behavioral and Social Sciences I — Ballroom A

Morning Session: 8:10 am–12:00 pm

8:10–8:30 Vernadine De Jesus, Jazmin Escalante, Kazlen Christy, Nicole DeSimone, Lyndsay Roman-Castelo, Psychology
*Relationship Satisfaction in Online vs. Offline Dating*
Faculty Mentor: Kyran Barr, Psychology

8:30–8:50 Daniel Ennaco, Rebecca Darden, Dwayne Johnson, Psychology
*Psychological Measurement of Empathy: A Correlational Study in the Field of Nursing*
Faculty Mentor: Kyran Barr, Psychology

8:50–9:10 Gloria Hernandez, Psychology
*Ageism Prevalence*
Faculty Mentor: Heather Butler, Psychology

9:10–9:30 Caroline Kiss-Lee, Psychology
*The Impact of Social Media on Self-Esteem*
Faculty Mentor: Desiree Crevecoeur-MacPhail, Psychology

9:30–9:50 Jose Lara-Ruiz, Psychology
*Cognitive Function in Retired Professional Football “Speed” Players*
Faculty Mentor: L. Mark Carrier, Psychology

9:50–10:10 Destinie L. Thompson, Psychology
*An Assessment of Readability, Usability, and Audience Targeting of Internet-Based Anxiety Information*
Faculty Mentor: H. Leonardo Martinez, Chemistry

10:10–10:20 Coffee Break

10:20–10:40 Daisy Aceves, Chadrick Bray, Gloria Hernandez, Sophia De LaTorre, Caroline Kiss-Lee, Psychology
*Does Critical Thinking Ability Predict the Occurrence of Real Life Events?*
Faculty Mentor: Heather Butler, Psychology

10:40–11:00 Corina Diaz, Psychology
*Borrowed Space: Perceptions of Chronic Homelessness in Long Beach*
Faculty Mentor: Jeb Middlebrook, Psychology

11:00–11:20 Olivia Havens, Anthropology
*Chimú vs. Inka: Distinctions of Urban Landscapes*
Faculty Mentor: Jerry Moore, Anthropology

11:20–11:40 Juliana K. Soto, Sylvia Thomas, Son Ly, Celeste Juarez, Sociology
*Judgmentalism is Related to Poor Sexual Communication Between Close Friends: A Research Workshop Class Study of University Students*
Faculty Mentor: Matt G. Mutchler, Sociology

11:40–12:00 Melanie Kushida, Sociology
*Cultural Priming as a Mechanism for Dance Interpretation: A Social Experiment*
Faculty Mentor: Sohaila Shakib, Sociology
Behavioral and Social Sciences II — Ballroom B
Morning Session: 8:10 am–12:00 pm

8:10–8:30 Mariela Castellanos, Johnny Gov, Psychology
Value and Interpretation of Character Strengths
Faculty Mentor: Steven Frieze, Psychology

8:30–8:50 Brandon Gay, Rita Amos, Anthropology
Community Engagement
Faculty Mentor: Ana Pitchon, Anthropology

8:50–9:10 Omar Gomez, Daniel Ennaco, Marina Armendariz, Debbie Simon, Psychology
Increasing Psychological Resilience and Affect: The Role of Cognitive Appraisals, Locus of Control, and Feedback
Faculty Mentor: Steven Frieze, Psychology

9:10–9:30 Tanya Kaplan, Psychology
Gender Differences in Attitudes towards Condoms, Partner Influence, and Condom Use
Faculty Mentor: Keisha Paxton, Psychology

9:30–9:50 Chelsea McElwee, Psychology
Engagement of Risky Sexual Behaviors Can Be Influenced by the Absence of Parental Sex Communication
Faculty Mentor: Keisha Paxton, Psychology

9:50–10:10 Nidia Torres, Cinthya Pasallo, Liliana Galindo-Gonzalez, Psychology
Inferring Personal Value Through Clothing Choices
Faculty Mentor: Steven Frieze, Psychology

10:10–10:20 Coffee Break

10:20–10:40 Lupita Martinez, Psychology
Depression in Latinas and Caucasians at CSUDH: The Influences of Role Conflict and Acculturative Stress on Mental Health
Faculty Mentor: Keisha Paxton, Psychology

10:40–11:00 Geraldy Eisman, Griselda Bernabe, Julia Ramirez, Aaron Street, Psychology
The Effect of Social Comparison and Self-Activation on Positive Affect
Faculty Mentor: Steven Frieze, Psychology

11:00–11:20 Corina Diaz, Juliana K. Soto, Sylvia Thomas, Sociology
CSUDH Student Advising Experiences
Faculty Mentor: Clare Weber, Sociology

11:20–11:40 Corina Diaz, Sociology
Beyond Illegal Dumping: A Study in Long Beach, California
Faculty Mentor: Clare Weber, Sociology

11:40–12:00 Melissa Cervantes, Omar Gomez, Corina Diaz, Ashley Chrisakis, Georgina Garrels, Sociology
Faculty Campus Climate Survey
Faculty Mentor: Clare Weber, Sociology
Creative Arts I — Ballroom C

Morning Session: 8:10 am–11:40 am

8:10–8:30  Alfonso Lomeli Jr., Benjamin Vo, Art and Design
**HOPE: Homeless Outreach Promoting Empathy**
Faculty Mentor: Michele Bury, Art and Design

8:30–8:50  Gabriela Granados, Art and Design
**Camilla Taylor: Manifestations of the Mind**
Faculty Mentor: Kirstin Ellsworth, Art and Design

8:50–9:10  Gerardo Lopez, Paul Murray, Janelle Romero, Digital Media Arts
**Love LOL**
Faculty Mentor: George Vinovich, Digital Media Arts

9:10–9:30  Carlos Narez, Digital Media Arts
**Drug Abuse (PSA)**
Faculty Mentor: George Vinovich, Digital Media Arts

9:30–9:50  Camelle Williams, Art and Design
**High Five For Fido Calendar**
Faculty Mentor: Michele Bury, Art and Design

09:50–10:10  Alejandra Palacios, Gustavo Luna, Arts and Humanities
**Intextication: Driving While Texting Abstract**
Faculty Mentor: Michele Bury, Art and Design

10:10–10:20  Coffee Break

10:20–10:40  Jessica Mendoza, Art and Design
**New Perspectives on Women in Ceramic Art**
Faculty Mentor: Kirstin Ellsworth, Art and Design

10:40–11:00  Marty Hanson, Byran Nam, Digital Media Arts
**Bully Boil Over?**
Faculty Mentor: George Vinovich, Digital Media Arts

11:00–11:20  Gerardo Lopez, Matthew Gallimore, Digital Media Arts
**Pass A Smile**
Faculty Mentor: George Vinovich, Digital Media Arts

11:20–11:40  Carlos Narez, Alberto Aguilar, Daniel Ayala, Shakeena Weber, Digital Media Arts
**Fight Club**
Faculty Mentor: George Vinovich, Digital Media Arts
Physical and Mathematical Sciences I — LSU 320

Morning Session: 8:10 am–9:50 am

8:10–8:30  J. Bulman, P. Halcrow, I. Neeson, O. Garcia, Physics
Non-contact Ultrasound Applied to Osteoporosis Diagnostics Updated to Include Broadband Ultrasonic Attenuation and Offline Data Analysis
Faculty Mentor: Kenneth Ganezer, Physics

8:30–8:50  Dylan Nicholas, Physics
The CLAS12 High_Threshold Čerenkov Counter
Faculty Mentor: John Price, Physics

8:50–9:10  Arisdely Villanueva, Anthony Jones, Chemistry and Biochemistry
Molecular Structural Studies of Na₂HPO₄•12H₂O Using in-Situ Thermo-Raman Spectroscopy
Faculty Mentor: Kenneth Rodriguez, Chemistry and Biochemistry

9:10–9:30  Warren Nanney, Chemistry
Cost Effective Ion Selective Electrodes from Metal-Azo Complexes
Faculty Mentor: Barbara Belmont, Chemistry

9:30–9:50  Jeff Guevara, Melissa Blacketer, Jose Venegas, Physics
Detector R&D for Free and Bound Neutron Oscillation and Annihilation at NNbarX
Faculty Mentor: Kenneth Ganezer, Physics

Biological and Agricultural Sciences I — LSU 320

Morning Session: 10:00 am–12:00 pm

10:00–10:20  Cesar Deleon, Chemistry and Biochemistry
Synthesis of [7.7] Para-Cyclophane Tetra-peptide Macrocyle
Faculty Mentor: Kenneth Rodriguez, Chemistry and Biochemistry

10:20–10:40  Anthony Jones, Chemistry and Biochemistry
Evaluation of Aloe and Cactus for Burn Treatment by Comparison of Antioxidant Properties and Free Radical Inhibition
Faculty Mentor: Kenneth Rodriguez, Chemistry and Biochemistry

10:40–11:00  Kumar Tiger, Renea Faulknor, Melissa Przyborowski, Biology
Cryopreservation of Alginate Sheets Containing Mesenchymal Stromal Cells for the Treatment of Chronic Wounds
Faculty Mentor: John Thomlinson, Biology

11:00–11:20  Kumar Tiger, Andrew Wood, Joan Oliva, Fawzia Bardag-Gorce, Biology
Autologous Cell Sheet Engineering for Biomedical Applications
Faculty Mentor: Fawzia Gorce, Biomedical Engineering

11:20–11:40  Meera Desai, Internal Medicine and Endocrinology
Key Pathways in Nicotine Plus High-Fat Diet Induced Hepatocellular Apoptosis
Faculty Mentor: Helen Chun, Biology

11:40–12:00  Cassandra Maddux, Arisdely Villanueva, Chemistry and Biochemistry
FTIR Study of Anaplastic Sarcoma of the Liver in Mice
Faculty Mentor: Kenneth Rodriguez, Chemistry and Biochemistry
Humanities and Letters I — LSU 323

Morning Session: 8:10 am–12:00 pm

8:10–8:30  Tiearea Robinson, Africana Studies
The Narrative Aspect of the Spirituals
Faculty Mentor: M. Keith Claybrook, Africana Studies

8:30–8:50  Danielle Frye, Africana Studies
Where Do We Go From Here: Contemporary Civil Rights Movement
Faculty Mentor: M. Keith Claybrook, Africana Studies

8:50–9:10  Ermelinda Concha, Negotiation, Conflict Resolution and Peacebuilding
Elimination of Chemical Weapons in Syria: The Importance of Saving Face in Negotiations
Faculty Mentor: Margaret Manning, Negotiation, Conflict Resolution and Peacebuilding

9:10–9:30  Bonnie McKenzie, History
Boy Scouts of America: Good for God, Good for Business
Faculty Mentor: Ericka Verba, History

9:30–9:50  Ingrid Steiner, HUX
William Byrd II: Portrait Collector
Faculty Mentor: Kirstin Ellsworth, Art and Design

9:50–10:10 Lauren Boebinger, HUX
A Beautiful, Capable Countenance: The Use of the Portrait by Female Surrealists in 1924–1944 Europe and the United States
Faculty Mentor: Kirstin Ellsworth, Art and Design

10:10–10:20 Coffee Break

10:20–10:40 Amy Blair, Negotiation, Conflict Resolution and Peacebuilding
Seeds of Discord: Can Organic and Transgenic Food Producers Co-Exist Peacefully?
Faculty Mentor: Margaret Manning, Negotiation, Conflict Resolution and Peacebuilding

10:40–11:00 William Fahnbulleh, Negotiation, Conflict Resolution and Peacebuilding
California Prison's Isolation Units: Tantamount to Torture?
Faculty Mentor: Margaret Manning, Negotiation, Conflict Resolution and Peacebuilding

11:00–11:20 Erica Tinsley, Computer Technology
Edward Snowden: Pawn in U.S.-Russia Chess Game/Prism Scheme
Faculty Mentor: Margaret Manning, Negotiation, Conflict Resolution and Peacebuilding

11:20–11:40 Diego Prechtel, Angie Saengnikorn, Negotiation, Conflict Resolution and Peacebuilding
The International Criminal Court vs. Kenya: Justice for Victims of Crimes Against Humanity or Motivated by Anti-African Bias?
Faculty Mentor: Margaret Manning, Negotiation, Conflict Resolution and Peacebuilding

11:40–12:00 James Lloyd McIntosh, Negotiation, Conflict Resolution and Peacebuilding
Food Not Bombs: Is Giving Away Free Food an Act of Domestic Terrorism?
Faculty Mentor: Margaret Manning, Negotiation, Conflict Resolution and Peacebuilding
Health, Nutrition and Clinical Science I — LSU 324–325

Morning Session: 8:10 am–12:00 pm

8:10–8:30  Casey Cho, Health Sciences
Intrinsic and Extrinsic Motivation: Comparing Relative Strength in Relation to Parental Support and Control
Faculty Mentor: Enrique Ortega, Health Sciences

8:30–8:50  Jam Isaga, Health Sciences — Management
The Effects of Parental Support and Parental Control on Adolescent Academic Achievement
Faculty Mentor: Enrique Ortega, Health Sciences

8:50–9:10  Michelle Manning, Health Sciences
The Correlation between Religiosity and Behavioral Domains among Italian Adolescents
Faculty Mentor: Enrique Ortega, Health Sciences

9:10–9:30  Janette Wong, Health Sciences
The Effect of Parental Support Verses the Effect of Peer Support on Adolescent’s Grades
Faculty Mentor: Enrique Ortega, Health Sciences

9:30–9:50  Anais Tapia, Health Sciences
Behaviors in Adolescents Associated with Family Relations and Diet in Relation to Aggression and Deviation
Faculty Mentor: Enrique Ortega, Health Sciences

9:50–10:10 Spencer Nelson, Health Sciences
The Role of Aggression as a Mediator Between the Association of Risk Behaviors and Sporting Activities
Faculty Mentor: Enrique Ortega, Health Sciences

10:10–10:20 Coffee Break

10:40–11:00 Mary Miller, Nursing Online
Effect of STEP for Teens on Family Functioning
Faculty Mentor: Lauren Outland, Nursing

11:00–11:20 Paula Ranson, Nursing
Improving Glycemic Control among Incarcerated Men
Faculty Mentor: Lauren Outland, Nursing

11:20–11:40 Donovan Stewart, Nursing Online
Fall Prevention in the Elderly
Faculty Mentor: Lauren Outland, Nursing

11:40–12:00 Timothy Arnold, Rotem Douer, Michael Dreyfuss, Occupational Therapy
Occupational Transition from Adolescence into Adulthood: A Phenomenology
Faculty Mentor: Claudia Peyton, Occupational Therapy
Behavioral & Social Sciences III — LSU 326–327

Morning Session: 8:10 am–9:10 am

8:10–8:30 Josefina Olvera, Psychology
Sexual Attitudes and Behaviors
Faculty Mentor: Keisha Paxton, Psychology

8:30–8:50 Geraldy Eiseman, Chelsea McElwee, Walter Lopez, Victoria Moss, Psychology
Relationships among Ethnicity, Early Childhood Factors and Neuropsychology Test Performance
Faculty Mentor: Tara Victor, Psychology

8:50–9:10 Hugh Leonard, Jose Lara-Ruiz, Psychology
Online Vanity Fair? A Cross-Cultural Comparison of Trait Narcissism, Usage Patterns and Need Satisfaction of American and German Facebook Users
Faculty Mentor: Larry Rosen, Psychology

Computer Science & Computer Information Systems I — LSU 326–327

Morning Session: 9:20 am–11:50 am

9:20–9:40 Hector Aguilo, Computer Science
Examining the Effectiveness of Computer Vision in Autonomous Underwater Obstacle Detection
Faculty Mentor: Antonia Boadi, Computer Science

9:40–10:00 Kevin Daley, Computer Science
The Use of a Raspberry Pi in Control of an AUV Ballast System
Faculty Mentor: Antonia Boadi, Computer Science

10:00–10:20 Jeremiah Hankins, Scotty Gomez, Computer Science
A Comparison of Geotagging Algorithms
Faculty Mentor: Antonia Boadi, Computer Science

10:20–10:30 Coffee Break

10:30–10:50 Matthew Roesger, Brian Herrera, Rosalie Tallud, Computer Science
Mathematical Modeling of an Infectious Disease in Closed Population
Faculty Mentor: Antonia Boadi, Computer Science

10:50–11:10 William Butler, Computer Science
Three Card Poker
Faculty Mentor: Moshen Beheshti, Computer Science

11:10–11:30 Cristobal Urena, Computer Technology
Apps for Tots
Faculty Mentor: Moshen Beheshti, Computer Science

11:30–11:50 Hector Morando, Computer Science
Percussion CMI Abstract
Faculty Mentor: Moshen Beheshti, Computer Science
Health, Nutrition and Clinical Science III — LSU 328

Morning Session: 8:10 am–10:10 am

8:10–8:30  Teddy Mo, Max Hunt, Angie Mendoza, Occupational Therapy
*The Transition Experience of Young Men Re-entering Society from the Criminal Justice System*
Faculty Mentor: Claudia Peyton, Occupational Therapy

8:30–8:50  Olivia Edmondson, Stephanie Pegan, Stephanie Ussery, Occupational Therapy
*Teacher Preparedness in Collaborating with Occupational Therapists in Classrooms for Students with Emotional and Behavioral Disorders*
Faculty Mentor: Claudia Peyton, Occupational Therapy

8:50–9:10  Grace Chang, Heidi Choi, Occupational Therapy
*A Qualitative Study of Korean Elders and Community Participation*
Faculty Mentor: Claudia Peyton, Occupational Therapy

9:10–9:30  Natasha Owen, Julie Seng, Amy Shibel, Occupational Therapy
*Experience of Cell Phone Use among College Students*
Faculty Mentor: Claudia Peyton, Occupational Therapy

9:30–9:50  Sara Ho, Vanessa Ladson, Jessica Lam, Occupational Therapy
*Transition to College for African-American Males: A Narrative Analysis*
Faculty Mentor: Claudia Peyton, Occupational Therapy

9:50–10:10 Natalie Chu, Lauren Davis, Candace Fong, Occupational Therapy
*Understanding the Evolution of an Eating Disorder: A Grounded Theory Study*
Faculty Mentor: Claudia Peyton, Occupational Therapy

Business, Economics and Public Administration I — LSU 328

Morning Session: 10:20 am–12:00 pm

10:20–10:40  William Bullard, MBA Online
*Dealing with Competition*
Faculty Mentor: Natasa Christodoulidou, Business Administration, Management

10:40–11:00  Martin Simpson, Veronica Lepez, Business Administration: Computer Information Systems
*Project Easy Med: Dignity and Ease in Pill Management*
Faculty Mentor: Elvira Teller, Information Systems & Operations Management

11:00–11:20  Vidar Landa, Marketing
*Customer-Based Brand Equity*
Faculty Mentor: Natasa Christodoulidou, Business Administration, Management

11:20–11:40  Gwendolyn Satchell, Business Administration
*Do the Right Thing at PSU*
Faculty Mentor: Gary Polk, Business Administration, Management

11:40–12:00  Matthew Castellanos, Business Administration
*The First Four Years of College Produces Managers but the Business World Needs CEOs Instead*
Faculty Mentor: Natasa Christodoulidou, Business Administration, Management
### Behavioral & Social Sciences IV — Ballroom A
#### Afternoon Session: 1:30 pm–4:40 pm

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<td>1:30–1:50</td>
<td>Claudia Aguilar, Aimee Miler, Jose Lara-Ruiz, Psychology</td>
<td>The Effects of Everyday Multitasking and Technology Use in the Net Generation</td>
<td>L. Mark Carrier, Psychology</td>
</tr>
<tr>
<td>1:50–2:10</td>
<td>Peri Coke, Sociology</td>
<td>The Law, The Mother, The Child</td>
<td>Kara Dellacioppa, Sociology</td>
</tr>
<tr>
<td>2:10–2:30</td>
<td>Jeffrey Rokkum, Psychology</td>
<td>Final Fantasy: Magical Thinking and Fantasy Proneness</td>
<td>L. Mark Carrier, Psychology</td>
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<tr>
<td>2:30–2:50</td>
<td>Aimee Miller, Psychology</td>
<td>The Construction and Validation of an Online Risk Behavior Scale</td>
<td>L. Mark Carrier, Psychology</td>
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<tr>
<td>2:50–3:10</td>
<td>Jessica Mendoza, Psychology</td>
<td>I Share, Therefore I Am: A Literature Review on the Impact of Technology on Memory</td>
<td>Larry Rosen, Psychology</td>
</tr>
<tr>
<td>3:10–3:20</td>
<td></td>
<td>Coffee Break</td>
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<tr>
<td>3:20–3:40</td>
<td>Jeffrey Rokkum, Psychology</td>
<td>Validation of the Revised Paranormal Belief Scale</td>
<td>L. Mark Carrier, Psychology</td>
</tr>
<tr>
<td>3:40–4:00</td>
<td>Abraham Ruiz, Psychology</td>
<td>The Impact of Text Messaging in the Classroom: Proposing Metacognition as a Possible Moderator</td>
<td>L. Mark Carrier, Psychology</td>
</tr>
<tr>
<td>4:00–4:20</td>
<td>Jose Lara-Ruiz, Psychology</td>
<td>Coping with Post-Traumatic Stress Disorder: A Pathology Model</td>
<td>Nancy Cheever, Communications</td>
</tr>
<tr>
<td>4:20–4:40</td>
<td>Aimee Miller, Psychology</td>
<td>Individual Risk Factors for Recruitment, Trafficking, and Victimization on the Internet</td>
<td>L. Mark Carrier, Psychology</td>
</tr>
</tbody>
</table>

### Behavioral & Social Sciences V — Ballroom B
#### Afternoon Session: 1:30 pm–4:40 pm

<table>
<thead>
<tr>
<th>Time</th>
<th>Presenter</th>
<th>Title</th>
<th>Faculty Mentor</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:30–1:50</td>
<td>Mario Castillo, Anthropology</td>
<td>The Chichimeca Archive Project: A Novel Approach to the Colonial Experience of Indians in North America</td>
<td>Janine Gasco, Anthropology</td>
</tr>
<tr>
<td>1:50–2:10</td>
<td>Mario Castillo, Anthropology</td>
<td>Using Remote Sensing to Model Deforestation: The View from Soconusco Chiapas, Mexico</td>
<td>Janine Gasco, Anthropology</td>
</tr>
</tbody>
</table>
2:10–2:30 Marina Armendariz, Abraham Ruiz, Victoria van Twist, Yessenia Magaña, Psychology
¿Que comes? Diabetes Related Eating Patterns Among At-Risk Latino College Students
Faculty Mentor: Silvia Santos, Psychology

2:30–2:50 Brenna Smith, Anthropology
The Archaeology and (Unofficial) Ethnography of Thorton Abbey, UK
Faculty Mentor: Jerry Moore, Anthropology

2:50–3:10 Brenna Smith, Luis Gomez, Odeth Martinez, Anthropology
LGBTQ and Disabled Student Diversity on CSUDH Campus
Faculty Mentor: Jerry Moore, Anthropology

3:10–3:20 Coffee Break

3:20–3:40 Griselda Zermino, Psychology
Relationship Between Self-Esteem and Sexual Behaviors
Faculty Mentor: Keisha Paxton, Psychology

3:40–4:00 Danielle Murillo, Erika Kreisman, Celeste Juarez, Monique Martin, Konstance Kirby, Sociology
Students’ Experiences in the Sociology Department at California State University, Dominguez Hills
Faculty Mentor: Matt G. Mutchler, Sociology

4:00–4:20 Oliver John Baptiste, Sociology
Factoring Socioeconomics and Court Documented Eviction History: Rental Sustainability in the New Market
Faculty Mentor: Matt G. Mutchler, Sociology

4:20–4:40 Guadalupe Sandoval, Margarita Sandoval, Ana Ozuna, Mireya Alvizo, Rocio Cerda, Sociology
“Till Death Do Us Part?”: Examining the Changing Attitudes about Divorce
Faculty Mentor: Katy Pinto, Sociology

Creative Arts II — Ballroom C

Afternoon Session: 1:30 pm–3:10 pm

1:30–1:50 Dawnna “Ashay” Mathieu, Arts and Humanities
The Unveiling of the Obscured: Blacks Victims of the Holocaust
Faculty Mentor: Sally Etcheto, Music

1:50–2:10 Daniel Ayala, Jennifer Mendoza, Digital Media Arts
Beat PSA
Faculty Mentor: George Vinovich, Digital Media Arts

2:10–2:30 Zachary Barton, Max Cisneros, Ana Elias, Art and Design
Hearts For The Arts
Faculty Mentor: Michele Bury, Art and Design
2:30–2:50  Kelly McBride, Studio Art  
*The Reciprocity of Art*  
Faculty Mentor: Gilah Hirsch, Art and Design

2:50–3:10  Alberto Aguilar, Jennifer Carrasco, Digital Media Arts  
*Drinking and Driving*  
Faculty Mentor: George Vinovich, Digital Media Arts

**Humanities and Letters III — Ballroom C**

**Afternoon Session: 3:20 pm–4:20 pm**

3:20–3:40  Toumik Asatoorian, English  
*Ahab and Ishmael’s Quest to Find the Insular Tahiti in Man*  
Faculty Mentor: Jon Hauss, English

3:40–4:00  Amanda Bishara, Negotiation, Conflict Resolution and Peacebuilding  
*The Role of Peace Education in Transforming Divided Nation; Case Study: Egypt*  
Faculty Mentor: Nancy Erbe, Negotiation, Conflict Resolution and Peacebuilding

4:00–4:20  Oscar Ochoa, Special Majors: IDS  
*The California Crucible: 19th Century Frontier Narratives and the 1851 Lynching of Josefa Segovia*  
Faculty Mentor: Maricela Chavez, Chicana/o Studies

**Biological and Agricultural Sciences II — LSU 320**

**Afternoon Session: 1:30 pm–2:10 pm**

1:30–1:50  Jessica Sharpe, Microbiology  
*Rhizoremediation For PCB Contaminated Soils*  
Faculty Mentor: John Thomlinson, Biology

1:50–2:10  Jose Perez, Biology  
*Anaerobic Polychlorinated Biphenyl (PCB) Bioremediation in Soil*  
Faculty Mentor: John Thomlinson, Biology

**Physical and Mathematical Sciences II — LSU 320**

**Afternoon Session: 2:20 pm–3:50 pm**

2:20–2:40  Victor Bell, Chemistry  
*Developing Live Imaging Techniques to Analyze Early Stages of Lung Tumor Formation*  
Faculty Mentor: Kenneth Rodriguez, Chemistry

2:40–3:00  Jose Venegas, Physics  
*Recent Results from Super-Kamiokande on Searches for Baryon Number Violation and on Neutrino Oscillations, Neutrino Astrophysics and Plans for the Future of the Super-Kamiokande including Hyper-K*  
Faculty Mentor: Kenneth Ganezer, Physics
3:00–3:20  Eddie Banuelos-Casillas, Physics  
*ClaRA: The CLAS12 Reconstruction and Analysis framework*  
Faculty Mentor: John Price, Physics

3:20–3:30  Coffee Break

3:30–3:50  Augustine Perez, Earth Sciences  
*Potential Use of the Los Angeles River*  
Faculty Mentor: Ralph Saunders, Earth Sciences, Geography

### Humanities and Letters II — LSU 323

**Afternoon Session: 1:30 pm–5:00 pm**

1:30–1:50  James Crawford, Philosophy  
*Hip-Hop Culture and the Perpetuation of Economic Inequality*  
Faculty Mentor: Dana Belu, Philosophy

1:50–2:10  Andres Lara, Philosophy  
*The Ethics of Authenticity: Life as Project and Responsibility*  
Faculty Mentor: Dana Belu, Philosophy

2:10–2:30  Jazmin V. Escobar, Chicana/o Studies  
*A Fat Chicana’s History: Reclaiming Social Constructs of Body Image, Sex, and Abortion*  
Faculty Mentor: Corina Benavides Lopez, Chicana/o Studies

2:30–2:50  Enmanuel Vera, History  
*The Justification of Civil Disobedience*  
Faculty Mentor: Liam O’Mara IV, History

2:50–3:10  Claudia Aguilar, Psychology  
*Be Careful What You Post: An Investigation of Criminal Personality and Social Media*  
Faculty Mentor: Larry Rosen, Psychology

3:10–3:20  Coffee Break

3:20–3:40  Ronald Farol, English  
*Composing with New Media*  
Faculty Mentor: David Sherman, English

3:40–4:00  Amanda Reyes, English: Rhet & Comp  
*Drifting through Composition: What Does Space Have to Do with It?*  
Faculty Mentor: David Sherman, English

4:00–4:20  Michelle Weiss, English  
*Teaching Collaboration in the Classroom through Composition*  
Faculty Mentor: David Sherman, English

4:20–4:40  Janiece Johnson, English: TESL  
*The Power of Language*  
Faculty Mentor: Vanessa Wenzell, English

4:40–5:00  Shari Saidiner, English: TESL  
*And the Winner is No One: Conversation Analysis of a Power Struggle Between the Current Press Secretary and a Reporter*  
Faculty Mentor: Vanessa Wenzell, English
Health, Nutrition and Clinical Science II — LSU 324–235

Afternoon Session: 1:30 pm–5:00 pm

1:30–1:50  Kristen Berube, Health Sciences
  Gender Differences in Parenting Perceptions and Health Behavior Effects of Mediterranean Adolescents
  Faculty Mentor: Enrique Ortega, Health Sciences

1:50–2:10  Alisha Fletcher, Health Sciences
  The Association Between Weight, Physical Attractiveness and Mental Health among Italian and Dutch Adolescents
  Faculty Mentor: Enrique Ortega, Health Sciences

2:10–2:30  Jose Rodriguez, Health Sciences
  The Possible Role of Alcohol Use as a Coping Mechanism of School Stress among Adolescents
  Faculty Mentor: Enrique Ortega, Health Sciences

2:30–2:50  Karla Verdin, Health Sciences
  Self-Esteem, Perception of Attractiveness, Social Stress and Alienation Influencing the Use of a Condom Before Intercourse Among Italian Adolescents
  Faculty Mentor: Enrique Ortega, Health Sciences

2:50–3:10  Jessica Wong, Health Sciences
  The Effect of Strictness of Family Rules and Adolescence Academic Experience
  Faculty Mentor: Enrique Ortega, Health Sciences

3:10–3:20  Coffee Break

3:20–3:40  Daniel Polster, Carollyn Thomas, Stephanie Wagner, Occupational Therapy
  Transition Experiences of Military Spouses and Domestic Partners: An Ethnography
  Faculty Mentor: Claudia Peyton, Occupational Therapy

3:40–4:00  Leah Fry, Justine Escobar, Debby Askarinam, Occupational Therapy
  Living with Chronic Pain: A Phenomenological Study of Individuals with Rheumatic Conditions
  Faculty Mentor: Claudia Peyton, Occupational Therapy

4:00–4:20  Brandy Brosius, Kira Condey, Ajeeta Deuja, Occupational Therapy
  Chronology of Progress in Children Receiving Sensory Integration Therapy: A Narrative Analysis
  Faculty Mentor: Claudia Peyton, Occupational Therapy

4:20–4:40  Leah Brustman, Annie Bravo, Raymond Hernandez, Department of Occupational Therapy
  Collaboration between Teachers and Occupational Therapists in a School-Based Setting: A Phenomenology
  Faculty Mentor: Claudia Peyton, Occupational Therapy

4:40–5:00  Nicole Lewis, Michelle Marumoto, Neda Massih, Lisa Nguyen, Occupational Therapy
  Life with My Guide Dog: A Realist Ethnography
  Faculty Mentor: Claudia Peyton, Occupational Therapy
Computer Science & Computer Information Systems II — LSU 326–237

Afternoon Session: 1:30 pm–3:30 pm

1:30–1:50 Boian Kolev, Computer Science
*Investigations into Effective Electronic Countermeasures for Wireless interference*
Faculty Mentor: Antonia Boadi, Computer Science

1:50–2:10 Samori Price, Computer Science
*Word Frequency Entity Correlation Data Visualization Application*
Faculty Mentor: Antonia Boadi, Computer Science

2:10–2:30 Quang Vo, Computer Science
*An Overview of NoSQL*
Faculty Mentor: Mohsen Beheshti, Computer Science

2:30–2:50 Daniel Ramirez, Computer Science
*Intrusion Detection and Prevention Systems*
Faculty Mentor: Antonia Boadi, Computer Science

2:50–3:10 Marvin Perez, Computer Science
*Virtualization*
Faculty Mentor: Mohsen Beheshti, Computer Science

3:10–3:30 M. Tareq Hossain, Computer Science
*Developing Multi-Layered Web Application*
Faculty Mentor: Mohsen Beheshti, Computer Science

Business, Economics and Public Administration II — LSU 326–237

Afternoon Session: 3:40 pm–4:40 pm

3:40–4:00 Karin Lopez, Julie To, Business Administration
*No Longer Child’s Play: Identifying the Minor Violent Video Game Player*
Faculty Mentor: Charles Thomas, Accounting, Finance & Law

4:00–4:20 Joshua Zuniga, Business Management
*Never Fade Away*
Faculty Mentor: Cal Caswell, Business Administration, Management

4:20–4:40 Karen Orellana, Public Administration
*Leadership and Organizational Performance in the Public Sector*
Faculty Mentor: Hugo Asencio, Public Administration
Health, Nutrition and Clinical Science IV — LSU 328

Afternoon Session: 1:30 pm–5:00 pm

1:30–1:50 Leah Bruce, Kate Gilson, Jenny Hartmour, Occupational Therapy
Occupational Therapists’ Decision to Work in End-of-Life Care: A Grounded Theory Approach
Faculty Mentor: Claudia Peyton, Occupational Therapy

1:50–2:10 Rebecca Hogshead, Samantha Itaya, Allyson Javier, Occupational Therapy
Families of Children with ASD: A Phenomenological Approach to Examining Participation in Leisure Activities
Faculty Mentor: Claudia Peyton, Occupational Therapy

2:10–2:30 Brittany Thompson, (Tommy) Chun Yeung, Occupational Therapy
Exploring the Shared Experience of Telehealth Use by Occupational Therapists
Faculty Mentor: Claudia Peyton, Occupational Therapy

2:30–2:50 Melanie Tang, Kristina Tanglimsarnsuk, Aja Vo, Jeffrey Wan, Occupational Therapy
Experiences of Occupational Therapists Working with Obese Clients
Faculty Mentor: Claudia Peyton, Occupational Therapy

2:50–3:10 Briana Salcido, Leilua Satele, Timothy Nguyen, Occupational Therapy
Occupation as a Mechanism for Coping with Dementia: A Phenomenology
Faculty Mentor: Claudia Peyton, Occupational Therapy

3:10–3:20 Coffee Break

3:20–3:40 Sharon Trager, Monika Vartanyan, Occupational Therapy
A Theory of Obesity, from Antecedents to Outcomes: A Grounded Theory Approach
Faculty Mentor: Claudia Peyton, Occupational Therapy

3:40–4:00 So Young (Lydia) Choi, Stacey Seidman Conchelos, Christine Ebrahim, Occupational Therapy
Health Aging within a Chorus Organization: An Ethnography of Sweet Adelines International
Faculty Mentor: Claudia Peyton, Occupational Therapy

4:00–4:20 Cassandra Hudson, Rachel Jao, Meghan Moss, Jacqueline Sanchez, Occupational Therapy
Adaptation in Adolescents and Young Adults with Spinal Cord Injury: A Mechanism for Change
Faculty Mentor: Claudia Peyton, Occupational Therapy

4:20–4:40 Jessica Obenberger, Laura Perez, Natasha Wolhein, Occupational Therapy
A Narrative Analysis Exploring Individuals’ Lived Experience of Chronic Pain Over Time
Faculty Mentor: Claudia Peyton, Occupational Therapy

4:40–5:00 Kerry Lamson, Stacey Lee, Laura Leppke, Maritza Marquez, Occupational Therapy
Developing an Eating Disorder: A Narrative Analysis
Faculty Mentor: Claudia Peyton, Occupational Therapy
Poster Presentations

Morning Session: 10:00 am–12:00 pm

Mayra Aguilera, English
*Expressions of Gratitude: An Interlanguage Comparison between Native Speakers of American English and Mexican, Nonnative Speakers of American English*
Faculty Mentors: Vanessa Wenzell, English

Marina Armendariz, Abraham Ruiz, Psychology
*Attitudes Toward Science among the Religious and Educated*
Faculty Mentors: Heather Butler, Psychology

Cynthia Ayala-Munoz, Monique Turner, John Gibson, Omar Gomez, Psychology
*An Examination of the Impact of Psychosocial and Neurocognitive Factors on the Health of Older College Students*
Faculty Mentor: Karen Wilson, Psychology

Napoleon De La Cruz, Crecia Chacon, Clinical Science
*Development of Targeted Cancer Therapeutics using tagged Chlorambucil Complexes*
Faculty Mentors: Teili Wang, Chemistry and Biochemistry

Mia Harkness, Psychology
*Bully Behaviors, Friendship Status and Social Rejection Linked to Distinct ADHD Subtypes*
Faculty Mentor: Karen Wilson, Psychology

Gayle Leonard, Africana Studies
*A Research Study of Aboriginal Australians: Origin, History, Culture, Art, Religion & Rituals, and Current Affairs*
Faculty Mentor: Salim Faraji, Africana Studies

Greg Riddle, Information Systems and Operations Management
*An Empirical Analysis of Risk Management in IS Development*
Faculty Mentor: Myron Sheu, Information Systems And Operations Management

Lenard Segovia, Computer Science
*Future Forecast*
Faculty Mentor: Jianchao “Jack” Han, Computer Science

Vishwa Shah, Napoleon De La Cruz, Anthony Diaz, Chemistry and Biochemistry
*The Effect of Glutathione on the Cellular Cytotoxicity of Chlorambucil, Chlorambucil-Tempol and Ionizing Radiation in MCF-7 Breast Cancer Cells*
Faculty Mentors: Teili Wang, Chemistry and Biochemistry

Vernadine De Jesus, Psychology
*Personality on Parent Child Communication About Sex in African American and Hispanics*
Faculty Mentor: Carl Sneed, Psychology

Olivia Garcia, Alexander Puyot, Kinesiology
*The Concurrent Validity of Arterial Blood Oxygen Saturation Measurements: A Preliminary Analysis of an iPadA Pulse Oximeter and Traditional Pulse Oximeter using BluetoothA*
Faculty Mentor: Scott Cheatham, Kinesiology & Recreation

Olivia Garcia, Alexander Puyot, Kinesiology
*The Concurrent Validity of Resting Pulse Rate Measurements: A Comparison of Two Smartphone Applications, Polar H7A Belt Monitor, and Pulse Oximeter with BluetoothA*
Faculty Mentor: Scott Cheatham, Kinesiology & Recreation
Andrea Casillas, Francisca Chavez, Melanie Kushida, Presciliana Torres, Sociology
*Single Mother’s Perceptions of their Child’s Well-Being*
Faculty Mentor: Katy Pinto, Sociology

Anthony Jones, Arisdelzy Villanueva, Chemistry and Biochemistry
*Molecular Structural Studies of Na$_2$HPO$_4$•12H$_2$O Using in-Situ Thermo-Raman Spectroscopy*
Faculty Mentors: Kenneth Rodriguez, Chemistry and Biochemistry

Jonathan Bentley, Psychology
*Video Games may Improve Students Performance in STEM Fields*
Faculty Mentor: Alex Lim, Psychology

**Afternoon Session: 2:00 pm–4:00 pm**

Liliana Albarez, Business
*Écouter Mon Coeur Is a DIY Fragrance Store*
Faculty Mentors: Cal Caswell, Business Administration, Management

Gabriel Jones, Anthropology
*Rate of Invasion of Typha spp. and Phragmites australis in the Coastal Wetlands of Michigan*
Faculty Mentor: Ana Pitchon, Anthropology

John Gibson IV, B.B. Rush, Psychology
*The Neuroscience of Broadening Participation in Science, Technology, Engineering, and Mathematics (STEM)*
Faculty Mentors: Karen Wilson, Psychology

Anna Cathy Williams, Nursing Research and Education
*Early Stage Lung Cancer and Palliative Care Intervention*
Faculty Mentor: Lauren Outland, Nursing

Joseph Luevanos, Efrian Carlin, David Romberg, Business Administration
*Holy Trinity Compensation Research Report*
Faculty Mentor: Thomas Norman, Business Administration, Management & Marketing

Taline Shishoian, Biology
*Disrupted Gene Expression in Human Cerebral Cavernous Malformations*
Faculty Mentor: Rebecca Stockton, Pediatrics; LABioMed

Augustine Perez, Earth Sciences
*Potential Use of the Los Angeles River*
Faculty Mentor: Ralph Saunders, Earth Sciences, Geography

Keri Winser, Earth Sciences
*Can and Bottle Recycling at CSUDH*
Faculty Mentor: Ralph Saunders, Earth Sciences, Geography
Hosted by the CSUDH University Library

Where: 5th floor of the South Wing

Time: 5–7 pm catered by Campus Dining

Session awards announced beginning at 6 pm

All student presenters, faculty mentors, judges and volunteers are invited.