

**11TH ANNUAL UNDERGRADUATE RESEARCH,
SCHOLARSHIP, AND CREATIVE ACTIVITY
SYMPOSIUM**



MAY 3 & 4, 2017

3RD FLOOR HUB

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11TH ANNUAL UNDERGRADUATE RESEARCH, SCHOLARSHIP, AND CREATIVE ACTIVITY SYMPOSIUM

SCHEDULE OF EVENTS

ORAL PRESENTATIONS

WEDNESDAY, MAY 3, 2017

7:30 – 8:45 **Presenter Registration & Poster Setup**
HUB Lobby 3rd Floor

8:30 **Registration Officially Opens**
HUB Lobby 3rd Floor

ORAL PRESENTATIONS

9:00 - 10:00 **Session 1** **HUB 355** Moderator: Dr. Randolph Head, History

1a Insolveny to Sustainability: An In-depth look at Bankruptcy Recovery for California Aities
Gregory B. Hutchins, Political Science
Faculty Mentor: Dr. Ronald Loveridge, Political Science

1b Good news or Bad News: Analyzing News Through Social Media Platforms
Grace Khanlian, Political Science
Faculty Mentor: Dr. Jennifer Merolla, Political Science

9:10 - 10:00 **Session 2** **HUB 367** Moderator: Dr. Kurt Anderson, Biology

2a Copper(II) Complexes as a Potential Alternative Antitumor Drug to Cisplatin
Beverly Ru, Chemistry
Faculty Mentor: Dr. Jack Eichler, Chemistry

2b Synthesis of Copper(II) Coordination Complexes with Antitumor Activity
Michael Baird, Chemistry
Faculty Mentor: Dr. Jack Eichler, Chemistry

2c Search for Gluino Production Using Quark/Gluon Discrimination in Pp Collisions at 13 TeV
Louis Penafiel, Physics
Faculty Mentor: Dr. Owen Long, Physics and Astronomy

10:10 - 11:00 Session 3 HUB 355

Moderator: Dr. Perry Link, Comparative Literature & Foreign Languages

- 3a Education or Training: Factors Shaping the Implementation of Welfare-to-Work Requirements in San Bernardino and Riverside Counties
Mayra Ceballos, Sociology
Faculty Mentor: Dr. Ellen Reese, Sociology
- 3b From Wormwood Tinctures to Absinthe Mixers: The Instability of Absinthe in Nineteenth-Century Literature and Culture
Ashlee Simon, English
Faculty Mentor: Dr. Susan Zieger, English
- 3c Analyzing Number Word Usage to Understand Number Concept Acquisition in Young Children
Alysia Burbidge, Psychology
Faculty Mentor: Dr. Jon Willits, Psychology

10:10 - 11:00 Session 4 HUB 367

Moderator: Dr. Tanya Nieri, Sociology

- 4a Aquí Estamos y No Nos Vamos: Undocumented Latinx Students Navigating Sense of Belonging at a 4-year Institution
Cynthia Romero, Chicano Studies
Faculty Mentor: Dr. Covadonga Lamar Prieto, Hispanic Studies
- 4b Locating the Presence of Code-Switching in Nineteenth Century Californio Spanish Dialect
Evelyn Gamez, Spanish
Faculty Mentor: Dr. Covadonga Lamar Prieto, Hispanic Studies
- 4c Always Dwelling in the Sleeping Land: The Spaces of Modernity in Soviet Siberia
Brian Yang, Comparative Literature & Foreign Languages
Faculty Mentor: Dr. Kiril Tomoff, History

11:10 - 12:00 Session 5 HUB 355

Moderator: Dr. Sang-Hee Lee, Associate Dean, CHASS

- 5a Vogue & Its Global Proliferation of Cosmopolitics
Eric Anthony Rodriguez, Business Administration Marketing
Faculty Mentor: Dr. Wendy Su, Media and Cultural Studies
- 5b Microsoft's Paradigm Shift: Strategically Reinventing the Brand, Supporting its Vision for Growth, and Strengthening its Competitive Position
Shraddha Patel, Business Information Systems
Faculty Mentor: Dr. Sean Jasso, School of Business
- 5c Laboratory Material Transport for the Technology Evolution Components Center
Hayden Karich, Mechanical Engineering
Faculty Mentor: Dr. William Grover, Bioengineering

11:10 - 12:00 Session 6 HUB 367

Moderator: Dr. Gregor Blaha, Biochemistry

- 6a Tropical Relict Plant Species in the California Floristic Province
Michael Torres, Biochemistry
Faculty Mentor: Dr. Louis Santiago, Botany and Plant Sciences
- 6b Kinetic and Spectroscopic Studies of Rhodobacter sphaeroides W-substituted DMSO Reductase
Josue Pacheco, Biochemistry
Faculty Mentor: Dr. Russ Hille, Biochemistry
- 6c Analyzing Lyman Alpha Emission in the Intergalactic Medium
Nicolas Pham, Chemical Engineering
Faculty Mentor: Dr. George Becker, Physics and Astronomy
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11:30 – 12:00 Symposium Opening Ceremony

Welcome – Richard Cardullo, Interim Vice Provost Undergraduate Education

Theatre Performances:

Macbeth: Act 3, Scene 1

Faithfulness Adebayo-Ige, Theatre, Film, and Digital Production

Faculty Mentor: Dr. Bella Merlin, Theatre, Film & Digital Production

Scene from *Stop Kiss*

Gloria Olivas, Theatre Film and Digital Production, and Dana Peirce, Theatre, Film and Digital Production

Faculty Mentor: Dr. Bella Merlin, Theatre, Film & Digital Production

12:00 – 1:00

Poster Sessions

HUB 302

ORAL PRESENTATIONS

1:10 - 2:00 Session 7 HUB 355

Moderator: Dr. Kelechi Kalu, Vice Provost of International Affairs

- 7a How a Sitcom Becomes Successful
Vivian Lei, Theatre
Faculty Mentor: Dr. Michael Bucklin, Theatre, Film, and Digital Production
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7b Understanding UC Riverside's U-PASS Program and Student Ridership
Victoria Ciudad-Real, Global Studies & Public Policy
Faculty Mentor: Dr. Jade Sasser, Gender and Sexuality Studies

7c Drug Abuse and Politics. What Happens When Rational Actors Become Addicted to Mind Altering Drugs?
Jay Hotrum, Political Science
Faculty Mentor: Dr. Richard Cardullo, Biology

1:10 - 2:00 Session 8 HUB 367 Moderator: Dr. Victor Rogers, Bioengineering

8a Application of Background Oriented Schlieren Photography for Visualizing Air convection
Nataly Rosales Espitia, Mechanical Engineering
Faculty Mentor: Dr. Marko Princevac, Mechanical Engineering

8b Design of Electromagnetic Field Generating Device for Study of Stem Cell Behavior
Jonathan Zhang, Mechanical Engineering
Faculty Mentor: Dr. Huinan Liu, Bioengineering

2:10 - 3:00 Session 9 HUB 355 Moderator: Dr. Jade Sasser, Gender & Sexuality Studies

9a Understanding the Human Voice
Aniella Sara Fields, Religious Studies
Faculty Mentor: Dr. Erith Jaffe-Berg, Theatre, Film, and Digital Production

9b Creating Freedom from Within: Young Women of Color in Group Homes
Joana Chavez, Ethnic Studies and Spanish (Cultural Studies)
Faculty Mentor: Dr. Jennifer Najera, Ethnic Studies

9c Mexico Under Rightist Ideals: Sinarquismo and the Question of Transnationalism
Cesar Zarate Cano, History
Faculty Mentor: Dr. James Brennan, History

2:10 - 3:00 Session 10 HUB 367 Moderator: Dr. Morris Maduro, Biology

10a Leaf Carbon Isotopic Composition and Drought Survival Traits in a Chaparral: Desert Transitional Ecosystem of Southern California
Roxana Haro, Biology
Faculty Mentor: Dr. Louis Santiago, Botany and Plant Sciences

10b Role of Eph Receptor-Ephrin Signaling Networks in Human Neural Crest Development
Izabelle Azar, Biology
Faculty Mentor: Dr. Martin Garcia-Castro, Biomedical Sciences

3:10 - 4:00 Session 11 HUB 355

Moderator: Dr. Thomas Dickson, Assistant Vice Provost of Undergraduate Education

- 11a The International Happiness Project: National Averages of Happiness Are Related to Aspects of the World Development Index
Zizhong (David) Xiao, Psychology
Faculty Mentor: Dr. Kate Sweeny, Psychology

- 11b Physical Effort and Cognitive Control
Richard Pham, Psychology
Faculty Mentor: Dr. Weiwei Zhang, Psychology

- 11c Redefining Gender Roles in Same-Sex Couples in Collegiate Dancesport
Emma Mamis, Psychology
Faculty Mentor: Dr. Imani Johnson, Dance

3:10 - 4:00 Session 12 HUB 367

Moderator: Dr. Darrel Jenerette, Botany and Plant Sciences

- 12a Adenosine Deaminase Activity in the Parasitoid Jewel Wasp and its Possible Role in Inducing Hypokinesia in Host Brain
Cebrina Nolan, Entomology
Faculty Mentor: Dr. Michael Adams, Entomology, Cell Biology & Neuroscience

- 12b Egg Distribution of the Bluetongue Virus Vector, *Culicoides sonorensis*, and its Relevance for Vector Control
Natalie Wong, Entomology
Faculty Mentor: Dr. Bradley Mullens, Entomology

3:10 - 4:00 Session 13 HUB 379

Moderator: Dr. Victor Rodgers, Bioengineering

- 13a Synthesis of Silver Nanowires with Ultra-Sharp Tip for Atomic Force Microscopy
Yanlin Song, Chemical Engineering
Faculty Mentor: Dr. Ruoxue Yan, Chemical Engineering

- 13b Developing Standardized Genome Editing Tools for Pathway Engineering in *Yarrowia Lipolytica*
Keith Frogue, Chemical Engineering
Faculty Mentor: Dr. Ian Wheeldon, Chemical Engineering

SCHEDULE OF EVENTS

POSTER PRESENTATIONS

WEDNESDAY, MAY 3, 2017
HUB 302

BCOE

- A 01 High Throughput Measuring of Cells Undergoing Autophagy Using FRET
Gloria Bartalo, Bioengineering
Faculty Mentor: Dr. Jiayu Liao, Bioengineering

- A 02 Titania Coatings
Damini Bhana, Chemical Engineering
Faculty Mentor: Dr. Kawai Tami, Mechanical Engineering

- A 03 D. triton Waterproof Egg Sac
Hourng Kim Chea, Chemical Engineering
Faculty Mentor: Dr. David Kisailus, Chemical and Environmental Engineering

- A 04 Developing a Physical and Data-Driven Model for a 3-phase Induction Motor for Condition Monitoring and Fault Diagnosis of Static and Dynamic Air-Gap Eccentricities
Karan Gupta, Mechanical Engineering
Faculty Mentor: Dr. Sundararajan Venkatadriagaram, Mechanical Engineering

- A 05 GPU-enabled real-time electron dynamics of nitrogen-doped graphene nanoflakes
Ena Mikic, Materials Science and Engineering
Faculty Mentor: Dr. Bryan Wong, Chemical and Environmental Engineering

- A 06 A Method for Depositing Microspheres for Use in Lateral Flow Assays
Jenna Roper, Bioengineering
Faculty Mentor: Dr. Hideaki Tsutsui, Mechanical Engineering

- A 07 Citrus Orchard Conservation Through PCR
Manoel Tamraz, Bioengineering
Faculty Mentor: Dr. William Grover, Bioengineering

- A 08 Expression of Plant Cell Wall Methyltransferases in Bacteria
James Yen, Bioengineering
Faculty Mentor: Dr. Eugene Nothnagel, Botany and Plant Sciences
Faculty Mentor: Dr. Martha Orozco-Càrdenas, Botany and Plant Sciences
- A 09 Nitrated water remediation through an electromediated granular activated carbon packed bed reactor
Hira Yoshihara-Saint, Chemical Engineering
Faculty Mentor: Dr. David Jassby, Chemical and Environmental Engineering
- A 10 Song Covers: Social Response to Current Policy
Ivy Zeledon, Bioengineering
Faculty Mentor: Dr. Deborah Wong, Music

CHASS

- A 11 An Arabidopsis coregulator functions with WUSCHEL in mediating CLAVATA3 expression and stem cell homeostasis
Vanessa Ceja, Psychology/Anthropology
Faculty Mentor: Dr. Venugopala Gonehal, Botany and Plant Sciences
- A 12 Discrepancy in Prices Paid to Farmers Between Ethiopia and Kenya 1990-1997
Iden Emam, Political Science
Faculty Mentor: Dr. Jana Grittersova, Political Science
- A 13 Preschoolers Use Others' Effort as a Cue to Attention and Learning
Stephany Garcia, Psychology
Faculty Mentor: Dr. Rebekah Richert, Psychology
- A 14 How Do Individual and Dyadic Parent-Child Emotion Regulation Processes Relate to Conflict During a Frustrating Task?
Jessica Gonzalez-Lopez, Psychology
Faculty Mentor: Dr. Elizabeth Davis, Psychology
- A 15 The Effect of Dyads' Conceptions of Followers on Job Satisfaction Through Leader-Follower Relationships
Wenyi Gu, Psychology
Faculty Mentor: Dr. Thomas Sy, Psychology
- A 16 Effects of Parental Emotional Regulation and Warmth on Children's Emotion Regulation
Mahera Khan, Sociology
Faculty Mentor: Dr. Elizabeth Davis, Psychology

- A 17 Validating the Semantic Priming Program in the SCiL iOS Application
Kimberly Miller, Linguistics and Psychology
Faculty Mentor: Dr. Curt Burgess, Psychology
- A 18 Intrinsic and Extrinsic Motivation within Contextualized Goals
Emily Moorhouse, Psychology
Faculty Mentor: Dr. William Dunlop, Psychology
- A 19 The Role of Positive Emotions in Times of Stress, Anxiety, and Uncertainty
Johnny Nguyen, Psychology
Faculty Mentor: Dr. Kate Sweeny, Psychology
- A 20 Environmental Justice: A Derivative Effect of the Existence of Institutionalized Racism
Chika Ojukwu, Political Science
Faculty Mentor: Dr. Bronwyn Leebaw, Political Science
- A 21 Explicit Conceptions of Death as Influenced by Family-Related Background Characteristics
Styliani Petraki, Psychology
Faculty Mentor: Dr. Rebekah Richert, Psychology
- A 22 Down the Rabbit Hole: Understanding Gender in Surrealism
Judith Pinchot, Psychology
Faculty Mentor: Dr. Daniel Ozer, Psychology
- A 23 A Comforting God is Almighty: How Positive and Negative God Concepts Relate to God Making the Impossible, Possible
Laura Posada, Psychology
Faculty Mentor: Dr. Rebekah Richert, Psychology
- A 24 The Effect of Sex and Worldview on Empathetic Responding
Rachel Richardson, Psychology
Faculty Mentor: Dr. Rebekah Richert, Psychology
- A 25 Children Don't Cite Their Sources: Source Monitoring in Concepts of God
Ashley Claudio Torres, Psychology
Faculty Mentor: Dr. Rebekah Richert, Psychology
- A 26 Parents' Provision of Emotion Regulation Strategies and Children's Anxiety Predict Physiological Recovery from Disappointment
Cecilia Uribe, Psychology
Faculty Mentor: Elizabeth Davis, Psychology
- A 27 The House Office Lottery
Kenneth Zalke, Business Economics
Faculty Mentor: Dr. Carolyn Sloane, Economics

CNAS

- A 28 Using CRISPR to generate a tangled Knockout mutant in *Arabidopsis thaliana* for Division Plane Orientation Investigation
Leslie Aranda, Biochemistry
Faculty Mentor: Dr. Carolyn Rasmussen, Botany and Plant Sciences
- A 29 The Application of Silica and Metal Oxide Microfibers for Nucleic Acid Extractions
Jocelyn Carballo, Chemistry
Faculty Mentor: Dr. Wenwan Zhong, Chemistry
- A 30 Expression Profile of Novel Candidates in Neural Crest Development
Jacqueline Cely, Cell, Molecular, and Developmental Biology
Faculty Mentor: Dr. Martin Garcia-Castro, Biomedical Sciences
- A 31 Behavioral Changes of Macrophages and Neutrophils During Biofilm Induction
Justin Chen, Biochemistry
Faculty Mentor: Dr. David Lo, Biomedical Sciences
- A 32 Investigating free parameters of a computational subcellular element model
Adam Christensen, Mathematics
Faculty Mentor: Dr. Mark Alber, Mathematics
- A 33 Understanding the role of perineuronal nets in developing hippocampal circuits in a mouse model of Fragile X Syndrome
Katherine Espinoza, Neuroscience
Faculty Mentor: Dr. Iryna Ethell, Biomedical Sciences
- A 34 Bumble bees' buzz pollination: nutritional and energetic mechanisms underlying behavior
Natalie Fischer, Biology
Faculty Mentor: Dr. Hollis Woodard, Entomology
- A 35 The effect of experimentally manipulating nap frequency on nighttime sleep quality: An actigraphy study
Samantha Granados, Neuroscience
Faculty Mentor: Dr. Sara Mednick, Psychology
- A 36 Role of Astrocytic ephrin-B1 in Synaptogenesis in the Developing Hippocampus
Sandy Hanna, Neuroscience
Faculty Mentor: Dr. Iryna Ethell, Biomedical Sciences
- A 37 Determining the role of WUSCHEL interacting cofactors in stem cell homeostasis.
Kyle Hill, Biology
Faculty Mentor: Dr. Venu Gonehal, Biology

- A 38 Acute toxicity screening of the LOPAC1280 library in zebrafish embryos
Trina Ho, Biology
Faculty Mentor: Dr. David Volz, Environmental Sciences
- A 39 Transportation vulnerability: Developing a data collection for transportation barriers among free clinic patients of San Bernardino County
Phong Hong, Entomology
Faculty Mentor: Dr. Andrew Subica, UCR School of Medicine
- A 40 The cellular basis of floral tube length and width variation in polyploids
Amber Lawhorn, Biology
Faculty Mentor: Dr. Amy Litt, Botany and Plant Sciences
- A 41 Characterizing Kinectin Localization in *Arabidopsis thaliana* by Confocal Microscopy
Sareen Leon, Botany and Plant Sciences
Faculty Mentor: Dr. Carolyn Rasmussen, Botany and Plant Sciences
- A 42 Structural Study of the Interaction between DNMT1 and Histone Modification
Linhui Li, Biochemistry
Faculty Mentor: Dr. Jikui Song, Biochemistry
- A 43 Transferring Microbes: Pesticide Tolerance Mediated by Pollinator Gut Microbiomes
Laura Leger, Entomology
Faculty Mentor: Dr. Quinn McFrederick, Entomology
- A 44 Adult mice exposed to aerosolized *Alternaria* exhibit neuroinflammation in the brainstem but not rest of brain
Matt Jason Llamas, Neuroscience
Faculty Mentor: Dr. Monica Carson, Biomedical Sciences
- A 45 Regulation of the bZIP Transcription Factor CPC-1 by the RACK1 Homolog CPC-2 in *Neurospora crassa*
Berenise Lopez, Biology
Faculty Mentor: Dr. Katherine Borkovich, Plant Pathology & Microbiology
- A 46 Motivational Interviewing at the San Bernardino Free Clinic: Increasing smoking cessation, patient satisfaction, and level of trust
Wali Mansour, Biology
Faculty Mentor: Dr. Emma Simmons, UCR School of Medicine
- A 47 Functional Analysis of Potential *Aedes aegypti* Ecdysone Transporters
Roilea Maxson, Biology
Faculty Mentor: Dr. Naoki Yamanaka, Entomology
- A 48 Dissecting the Role of DRH-3 in RNA Interference in *C. Elegans*
Yesica Mercado-Ayon, Cell Molecular and Developmental Biology
Faculty Mentor: Dr. Weifeng Gu, Cell Biology and Neuroscience

- A 49 Specific composition dependence of molecular chaperones DnaJ/HSP40 for productive protein-substrate interaction
Jose Montano, Chemistry
Faculty Mentor: Dr. Joseph Genereux, Chemistry
- A 50 RNA Binding Proteins and Their Interactions with One Another
Daniel Nguyen, Biology
Faculty Mentor: Dr. Fedor Karginov, Cell Biology and Neuroscience
- A 51 Effect on Self-Assembled Cages with Multicomponent Variation
Phoebe Nye, Biochemistry
Faculty Mentor: Dr. Richard Hooley, Chemistry
- A 52 Comparing Drug Inducible Systems in *Drosophila Melanogaster*
Marc Pajarillo, Biology
Faculty Mentor: Dr. Omar Akbari, Entomology
- A 53 Optoelectrical Characterization of MoS₂
Pedro Pena, Chemistry
Faculty Mentor: Dr. Ludwig Bartels, Chemistry
- A 54 The Prevalence of Intimate Partner Violence in University Students and Its Association with Anxiety and Depression Severity
Kasim Pendi, Biology and Neuroscience
Faculty Mentor: Dr. Jose Aguilar, UCR School of Medicine
- A 55 Metal toxicity in *Artemia franciscana*
Justin Peng, Biology
Faculty Mentor: Dr. Cynthia Larive, Chemistry
- A 56 Effect of Carbonate on Manganese and Arsenic mobilization in iron-oxide rich sediments
Mariejo Plaganas, Environmental Sciences
Faculty Mentor: Dr. Samantha Ying, Environmental Sciences
- A 57 Nonsense mediated mRNA decay inhibition increases DNA damage response in neuro-2A cells under etoposide
Ruchira Puri, Biology
Faculty Mentor: Dr. Sika Zheng, Biomedical Sciences
- A 58 Examining the Possible Effects of Sleep on Working Memory
Zahab Qazi, Neuroscience
Faculty Mentor: Dr. Sara Mednick, Psychology
- A 59 The genetic basis for Inheritance of Life History Traits in Trinidadian Guppies
Sarah Ruckman, Biology
Faculty Mentor: Dr. David Reznick, Biology

- A 60 Unraveling the gaps in the co-transcriptional translation mechanism of *E. coli*
Gabriela Sanchez, Biochemistry
Faculty Mentor: Dr. Gregor Blaha, Biochemistry
- A 61 Impact of Western diet-induced obesity on the endocannabinoid system in mouse pancreas.
Jasmin Sanchez, Neuroscience
Faculty Mentor: Dr. Nicholas DiPatrizio, Biomedical Sciences
- A 62 Fragment-based drug discovery for the inhibition of SUMO E2 protein
Amanda Schaaf, Biology
Faculty Mentor: Dr. Jefferson Perry, Biochemistry
- A 63 A Study on the Direct and Indirect Relationship between Calling Song and Morphology in the sand cricket, *Gryllus firmus*
Noah Schlenker, Biology
Faculty Mentor: Dr. Derek Roff, Biology
- A 64 Evolution of the Magnetic Properties in the Series M_2FeB_2 ($M=V, Nb, Mo, Ta, \text{ and } W$)
Vikas Shukla, Biochemistry
Faculty Mentor: Dr. Boniface Fokwa, Chemistry
- A 65 Oleophilic Sponge Material for Novel Sustainability
Brandon Tang, Biological Sciences
Faculty Mentor: Dr. Cengiz Ozkan, Mechanical Engineer
- A 66 Analysis of Ultrasonic Vocalizations in a Mouse Model of Fragile X Syndrome
Maximiliano Abundez Toledo, Neuroscience
Faculty Mentor: Dr. Khaleel Razak, Psychology
- A 67 Impact of Soybean Oil High Fat Diet of Hypothalamic Feeding Circuits
Edward Truong, Cell, Molecular, and Developmental Biology
Faculty Mentor: Dr. Margarita Curras-Collazo, Cell Biology and Neuroscience
- A 68 Validating the Semantic Priming Program in the SCiL iOS Application
Giselle Urquijo, Neuroscience
Faculty Mentor: Dr. Curt Burgess, Psychology
- A 69 Potential Brain Gene Markers for Neurobehavioral Deficits Produced by Developmental Exposure to Indoor Flame Retardants
Brigitte Vazquez, Neuroscience
Faculty Mentor: Dr. Margarita Curras-Collazo, Cell Biology and Neuroscience
- A 70 A Lexical Road Map for Children's Understanding of Question Words
Seanna Yang, Biochemistry
Faculty Mentor: Dr. Jon Willits, Psychology

R'Courses

- A 71 Jane the Virgin: Intersectionality and Latina Representation
Yazleen Alonso, Ethnic Studies
Faculty Mentor: Dr. Alicia Arrizon, Gender and Sexuality Studies
- A 72 Harry Potter: The Literary Phenomenon of the 21st Century
Anastasia Callan, Anthropology
Faculty Mentor: Dr. John Briggs, English
- A 73 Emoji Use and Interpretation
Jazmine Exford, Linguistics
Faculty Mentor: Dr. Convadonga Lamar Prieto, Hispanic Studies
- A 74 Aaron Sorkin and the need for civic involvement
Gregory Hutchins, Political Science
Faculty Mentor: Dr. Ronald O. Loveridge, Political Science
- A 75 Blade Runner and Other Alternate Futures: The Science-Fiction of Philip K. Dick
James Lambert, English
Faculty Mentor: Dr. Stephen Sohn, English
- A 76 Exploring the World of DC & Marvel Comics from the Past to Now
Aida Perez, Liberal Studies
Faculty Mentor: Dr. Freya Schiwy, Media and Cultural Studies
- A 77 Down the Rabbit Hole: Understanding Gender in Surrealism
Judith Pinchot, Psychology
Faculty Mentor: Dr. Aleca Le Blanc, Art History
- A 78 The Psychology of Studying
Kelly Renteria, Psychology
Faculty Mentor: Dr. John Franchak, Psychology
- A 79 Designing the Ideal Community: Urban Development and Gentrification
Leonardo Vichis-Zarate, Art History
Faculty Mentor: Dr. Aleca Le Blanc, Art History

SCHEDULE OF EVENTS

ORAL PRESENTATIONS

THURSDAY, MAY 4, 2017

7:30 - 8:45 **Presenter Registration & Poster Setup**
HUB Lobby 3rd Floor

8:30 **Registration Officially Opens**
HUB Lobby 3rd Floor

ORAL PRESENTATIONS

9:10 - 10:00 **Session 14** **HUB 355** Moderator: Dr. Deborah Wong, Music

14a Location Analytics to Develop Targeted Solicitations for UCR Donors
Shanze Athar, Business Administration
Faculty Mentor: Dr. Asish Satpathy, Business Administration

14b The Containing Spaces of Experiments: US Cold War influence in Guatemala through Medical Research
Celeste Navas, History
Faculty Mentor: Dr. Dana Simmons, History

14c Symmachus and the Dialogues of Power in the Late Roman Imperial Government
Nasiha Alicic, History
Faculty Mentor: Dr. Michele Salzman, History

9:10 - 10:00 **Session 15** **HUB 367** Moderator: Dr. Alec Gerry, Entomology

15a Plant Biodiversity in Southern California Parks
Mia Rochford, Plant Biology
Faculty Mentor: Dr. Darrel Jenerette, Botany and Plant Sciences

15b Cytotoxicity of Electronic Cigarette Solvents: Propylene Glycol and Glycerol
Malcolm Tran, Biochemistry
Faculty Mentor: Dr. Prue Talbot, Cell Biology and Neuroscience

9:10 - 10:00 Session 16 HUB 379 Moderator: Dr. Morris Maduro, Biology

16a Prenol and its effect on Entomopathogenic Nematodes as a Dispersal Cue
Kassandra Kin, Cell, Molecular, and Developmental Biology
Faculty Mentor: Dr. Alder Dillman, Parasitology

16b Crime Solving Insects: A Fly's Point of View
Seth Freitas, Entomology
Faculty Mentor: Dr. Alec Gerry, Entomology

10:10 - 11:00 Session 17 HUB 355 Moderator: Dr. Rebekah Richert, Psychology

17a Embodied Identities: The Experience of Coming Out as UndocuQueer
Liliana Ramirez, Anthropology
Faculty Mentor: Dr. Jennifer Najera, Ethnic Studies

17b Using Linguistic Analyses to Predict Positive and Negative Schizophrenia Symptoms
Lin Khern Chia, Psychology
Faculty Mentor: Dr. Jon Willits, Psychology

17c Personality Traits and Thoughts of Extramarital Sex in Married Couples
Judith Pinchot, Psychology
Faculty Mentor: Dr. Daniel Ozer, Psychology

**10:10 - 11:00 Session 18 HUB 367 Moderator: Dr. Michael McKibben, Divisional Dean of Student
Academic Affairs, CNAS**

18a Does Sleep Modulate Emotional Memories?
Zahab Qazi, Neuroscience
Faculty Mentor: Dr. Sarah Mednick, Psychology

18b Menthol Increases Reactive Oxygen Species in Human Lung Epithelial Cells Exposed at the Air-Liquid
Interface
Lindsey Bustos, Neuroscience
Faculty Mentor: Dr. Prue Talbot, Cell Biology, and Neuroscience

18c Impact of a Western Diet on Lipid Signaling Molecules in the Left ventricle of Diet-Induced Obese Mice
Kevin Mortazavi, Neuroscience
Faculty Mentor: Dr. Nicholas DiPatrizio, Biomedical Sciences

**11:10 - 12:00 Session 19 HUB 355 Moderator: Dr. Michael McKibben, Divisional Dean of Student
Academic Affairs, CNAS**

19a Using Linguistic Analyses to Predict and Understand Schizophrenia Outcomes
Stella U. Ohakamnu, Biology
Faculty Mentor: Dr. Jon Willits, Psychology

19b Heart of Creations: Space Fiction Novel Based on Some True Astronomical Concepts
Mehruba Zaman, Biology
Faculty Mentor: Dr. Bahram Mobasher, Physics and Astronomy

18c Effects of Single Motherhood on Anxiety
Anthony Atalla, Biology
Faculty Mentor: Dr. Wendy Saltzman, Biology

11:10 - 12:00 Session 20 HUB 367 Moderator: Dr. Kelley Barsanti, Chemical/Environ. Engineering

20a Planarity in Microfluidic Netlists
Hsin-Yu (Cindy) Fan Chiang, Computer Science
Faculty Mentor: Dr. Philip Brisk, Department of Computer Science and Engineering

20b Reducing Microfluidic Very Large Scale Integration (mVLSI) Chip Area by Seam Carving
Karen Kong, Computer Science
Faculty Mentor: Dr. Philip Brisk, Department of Computer Science and Engineering

12:00 – 1:00 Poster Sessions HUB 302

ORAL PRESENTATIONS

1:10 - 2:00 Session 21 HUB 355 Moderator: Dr. Dana Simmons, History

21a The Wheel of Time: Reflections on the Kālacakra Sand Mandala
Sierra Lapoint, Art History/Religious Studies; Philosophy
Faculty Mentor: Dr. Matthew King, Religious Studies

21b Music and the Pentecostal Religious Experience: “When the Iron is Hot, You Got to Strike”
Aldo Martinez, Religious Studies
Faculty Mentor: Dr. Deborah Wong, Music

21c Repurposing the Past: Architectural Appropriation in Post-Classical Athens
Samuel James Finch, Anthropology/Classical Studies
Faculty Mentor: Dr. Charles Graninger, History

1:10 - 2:00 Session 22 HUB 367

Moderator: Dr. Kelley Barsanti, Chemical and Environmental Engineering

- 22a Activation of Entomopathogenic Nematode IJs is Context Dependent
Carter Gerke, Cell, Molecular, and Developmental Biology
Faculty Mentor: Dr. Adler Dillman, Department of Nematology
- 22b Selective Glioblastoma Susceptibility to Pharmacological Ascorbate Therapy: Significance of Peroxisomal Latency
Jacqueline Mantooth, Bioengineering
Faculty Mentor: Dr. Victor G. J. Rodgers, Bioengineering
- 22c Industry Level Quality Control in a University Research Lab
Raymond Iu, Bioengineering
Faculty Mentor: Dr. William Grover, Bioengineering

2:10 - 3:00 Session 23 HUB 367

Moderator: Dr. Randolph Head, History

- 23a Leadership Behaviors across Contexts
Dulce Wilkinson, Psychology
Faculty Mentor: Dr. David Funder, Psychology
- 23b Measuring a High Dimensional Memory Model's Ability to Distinguish Between Instrument and Manner Verbs
Kimberly Miller, Linguistics and Psychology
Faculty Mentor: Dr. Curt Burgess, Psychology
- 23c Vienbenidos a San Juan: On the Distribution of Allophonic [v] for Spanish Phoneme /b/
Jazmine Exford, Linguistics
Faculty Mentor: Dr. Covadonga Lamar Prieto, Hispanic Studies

2:10 - 3:00 Session 24 HUB 379

Moderator: Dr. Thomas Dickson, Assistant Vice Provost of Undergraduate Education

- 24a Maximum Likelihood Versus Alternative Regularized Estimators for Logistic Regression Models
Gabriel Ruiz, Statistics
Faculty Mentor: Dr. Subir Ghosh, Statistics
- 24b Comparing Computational Models of Semantic Memory
Katherine Noble, Computational Mathematics
Faculty Mentor: Dr. Curt Burgess, Psychology

SCHEDULE OF EVENTS

POSTER PRESENTATIONS

THURSDAY, MAY 4, 2017
HUB 302

BCOE

- B 01 Measuring Controlled Release Rates of Pharmaceutical Drugs using Vibrating Glass Tubes
Jessica Lin, Bioengineering
Faculty Mentor: Dr. William Grover, Bioengineering
- B 02 Biomineralized Seed Coating in Pyrophytic Plants with an Energy-Absorbing Utility
Sarah McElligott, Chemical Engineering
Faculty Mentor: Dr. David Kisailus, Chemical and Environmental Engineering
- B 03 Quantitative PD-L1/PD-1 protein-protein analysis for Cancer and T cell interactions
Justin Tang, Bioengineering
Faculty Mentor, Dr. Jiayu Liao, Bioengineering
- B 04 Characterization and Application of Multifunctional Oleophilic hydrophobic mesoporous graphite sponge with antibacterial and ferromagnetic properties
Zhongxuan Zhang, Chemical Engineering
Faculty Mentor: Dr. Cengiz Ozkan, Mechanical Engineering

CHASS

- B 05 Analysis of Extant Lumber from the Smith Brothers Borax Works at Teels Marsh, Nevada
Michael Amorelli, Anthropology/Classical Studies
Faculty Mentor: Matthew Hall, Anthropology
- B 06 Booms and Busts: The Impact and Implications of Water on the Development of Perris
John Berba, Political Science/International Affairs
Faculty Mentor: Dr. Richard Arnott, Economics

- B 07 Mindfulness Meditation Attenuates Gender Differences in Emotional Reactivity/Responding
Stephen Chau, Psychology
Faculty Mentor: Dr. Elizabeth Davis, Psychology
- B 08 Construction of a ten1 Mutant Strain and Investigation of DNA Damage Localization in the model
Saccharomyces cerevisiae
Sheri Chu, Psychology
Faculty Mentor: Dr. Connie Nugent, Cell Biology and Neuroscience
- B 09 A Family of Unequals: The Lived Experiences and Consciousness of Farmworkers
Mirella Deniz-Zaragoza, Sociology
Faculty Mentor: Dr. Ellen Reese, Sociology/Labor Studies
- B 10 The Effect of Discrete Negative Emotions on Global-Local Processing
Fabian Fontanilla, Psychology
Faculty Mentor: Dr. Elizabeth Davis, Psychology
- B 11 Decision-Making In Action: Examining Effects of Pre-crastination and End-State Comfort
Wenyi Gu, Psychology
Faculty Mentor: Dr. Thomas Sy, Psychology
- B 12 Positive Emotionality Mediates the Relationship Between Self-Perceptions of Leadership and Leader
Effectiveness/Job Satisfaction
Amy Heisinger, Psychology
Faculty Mentor: Dr. Thomas Sy, Psychology
- B 13 Transnational Labor Alliances (TLA) Database Project: Coding Successes and Failures
Ivy Kim, Political Science/International Affairs
Faculty Mentor: Dr. Marissa Brookes, Political Science
- B 14 The Influence of Mindfulness Meditation on Distinct Facets of Negative Emotional Reactivity
Sarina Lee, Psychology
Faculty Mentor: Dr. Elizabeth Davis, Psychology
- B 15 How Do University Students Think About Intensive Health Interventions? A Qualitative Study
Leslie Lopez, Psychology
Faculty Mentor: Dr. Howard Friedman, Psychology
- B 16 Feathers, Teeth, Tales and Temples: Ethnozoology of Bird-Like Creatures on Temple Walls in the
Ancient Angkor Region
Stephen Marts, Anthropology
Faculty Mentor: Dr. Worku Nida, Anthropology
- B 17 Does napping boost benefits of brain-training for working memory?
Rainita Narendar, Psychology
Faculty Mentor: Dr. Aaron Seitz, Psychology

- B 18 The Containing Spaces of Experiments: US Cold War influence in Guatemala through Medical Research
Celeste Navas, History
Faculty Mentor: Dr. Dana Simmons, History
- B 19 Sadness Relates to Compassion Toward Others, But Only For Men
Isabel Perez, Psychology
Faculty Mentor: Dr. Elizabeth Davis, Psychology
- B 20 Using Sentiment Analysis to Understand Media Coverage of the 2016 Presidential Election
Annie Pham, Linguistics/Computer Science
Faculty Mentor: Dr. Jon Willits, Psychology
- B 21 Elderly Adults' Quality of Social Interaction with Children Present
Helena Sidrak, Psychology
Faculty Mentor: Dr. Chandra Reynolds, Psychology
- B 22 Heritage Speakers' Language Proficiency and its Relation to Executive Control
Yasmeen Sheikh, Psychology
Faculty Mentor: Dr. Eve Higby, Psychology
- B 23 How are students' characteristics associated with their goals?
Mabel Wong, Psychology
Faculty Mentor: Dr. Daniel Ozer, Psychology

CNAS

- B 24 Parasite virulence relies on the nematode rather than its symbiotic bacteria in the case of the cricket specialist parasite *Steinernema scapterisci*.
Lauren Allison, Biology
Faculty Mentor: Dr. Adler Dillman, Nematology
- B 25 Assessment of microstructural changes in human brains affected by Alzheimer's Disease using Diffusion Tensor Imaging (DTI) and single shell Neurite Orientation Dispersion and Density Imaging (NODDI)
Barsam Barsamian, Neuroscience
Faculty Mentor: Dr. Shu-Wei Sun, Cell Biology and Neuroscience
- B 26 Mechanical Transmission of Pollinator and Plant Pathogens via Insect Pollinators
Jonah Bodden, Plant Biology
Faculty Mentor: Dr. Erin Rankin, Entomology
- B 27 Anti-inflammatory and neuroprotective properties of neuregulin-1 following ischemic stroke in rats
Jaime Brito, Biology
Faculty Mentor: Dr. Byron Ford, Biomedical Sciences

- B 28 RELM α protects from chronic lung damage caused by parasitic hookworm infection
Abigail Burr, Microbiology
Faculty Mentor: Dr. Meera Nair, Biomedical Science
- B 29 How do emotion regulation strategies to regulate anger and physiology relate to anger dysregulation in children?
Alan Cabrera, Biology
Faculty Mentor: Dr. Elizabeth Davis, Psychology
- B 30 Characterize role of Pax3/Pax7 in Neural Crest specification using mouse model
Tuong Cao, Biochemistry
Faculty Mentor: Dr. Martin Garcia- Castro, Biomedical Sciences
- B 31 Milk Nutrient Content in California Mice: Effects of Parity and Lactation Stage
Dariana Chow, Biology
Faculty Mentor: Dr. Wendy Saltzman, Biology
- B 32 Covalent Organic Frameworks for the Upconversion of Photons with Nanocrystal Light Absorbers
Tony Dorado, Chemistry
Faculty Mentor: Dr. Ming Lee Tang, Chemistry
- B 33 Timing of developmental stages in the fruit of desert tobacco
Kevan Elkins, Plant Biology
Faculty Mentor: Dr. Amy Litt, Department of Botany & Plant Sciences
- B 34 Characterizing the Structure and Formation of Organized Lymphoid Tissues in the Gut and Lung In Models of Disease and Inflammation
Mathea Elnor, Cell, Molecular and Developmental Biology
Faculty Mentor: Dr. David Lo, Biomedical Sciences
- B 35 Analyzing the Target of Rapamycin Signaling Pathway in Bumble Bees
Mauricio Flores, Cell, Molecular and Developmental Biology
Faculty Mentor: Dr. Hollis Woodard, Entomology
- B 36 Study of Fraxinellone as a Neuroprotective Molecule: The Extraction and Synthesis of Fraxinellone Derivatives
Jingya Gao, Biology
Faculty Mentor: Dr. Dave Martin, Chemistry
- B 37 Investigation of potential suppressors of stn1-281t in *Saccharomyces cerevisiae*
Fabian Gonzalez, Microbiology
Faculty Mentor: Dr. Connie Nugent, Cell Biology & Neuroscience
- B 38 Provider and Patient Satisfaction within Student Run San Bernardino Free Clinic
Samantha Granados, Neuroscience
Faculty Mentor: Dr. Emma Simmons, UCR School of Medicine

- B 39 Splitting Photons: Singlet Fission in a Hybrid System
Danielle Hamilton, Biochemistry
Faculty Mentor: Dr. Ming Lee Tang, Chemistry
- B 40 Impaired PV and PNN Expression in CA1 Hippocampus May Underlie Contextual Recall Deficits After Auditory Fear Conditioning In FMR1 Knockout Mice
Yasmien Hanania, Neuroscience
Faculty Mentor: Dr. Iryna Ethell, Biomedical Sciences
- B 41 Assessing the morphological effects of aquatic acidification on model organism *Daphnia magna*
Kymberly Howo, Biology
Faculty Mentor: Dr. Kurt Anderson, Biology
- B 42 The Effect of Mindfulness Meditation on Positive Emotional Intensity After Experiencing Negative Emotion
Sonia Josemoan, Biochemistry
Faculty Mentor: Dr. Elizabeth Davis, Psychology
- B 43 Analyzing Self-Interacting Dark Matter Halo Simulations
Renata Koontz, Physics
Faculty Mentor: Dr. Hai-Bo Yu, Physics and Astronomy
- B 44 Polybrominated Diphenyl Ether (PBDE) Induced Aberration in Intraneocortical Connections and Changes in Affective Behaviors
Julia Krum, Neuroscience
Faculty Mentor: Dr. Margarita Curras-Collazo, Cell Biology and Neuroscience
- B 45 Sterility in First Generation Polyploids
Amelda Kurti, Microbiology
Faculty Mentor: Dr. Amy Litt, Botany and Plant Sciences
- B 46 Construction of a Cavity Enhanced Absorption Spectrometer for HONO Detection
Eileen Lek, Environmental Sciences
Faculty Mentor: Dr. Jingsong Zhang, Chemistry
- B 47 Rational Based Drug Discovery for Age-Related Macular Degeneration
Erica Li, Biochemistry
Faculty Mentor: Dr. Jeff Perry, Biochemistry
- B 48 Effects of climate change and Bifenthrin on the olfactory behavior of juvenile chinook salmon (*Oncorhynchus Tshawytscha*).
Danny Luu, Environmental Sciences
Faculty Mentor: Dr. Daniel Schlenk, Environmental Sciences

- B 49 Testing for Heterodimerization of Moss Methyltransferases in Progeny of Genetically Crossed Transgenic Tobacco Plants
Haley Masters, Biology
Faculty Mentor: Dr. Eugene Nothnagel, Botany and Plant Sciences
- B 50 Investigation of How the Entomopathogenic Nematode *Heterorhabditis bacteriophora* Suppresses the Host Immune System
Paul Medina, Cell, Molecular, and Developmental Biology
Faculty Mentor: Dr. Adler Dillman, Nematology
- B 51 Direct and Indirect Impacts of Black Lights on Secondary Organic Aerosol formed from Oxidation of 1-methylnaphthalene
Justin Min, Chemistry
Faculty Mentor: Dr. Roya Bahreini, Environmental Sciences
- B 52 Investigating how second language age of acquisition affects language learning and generalization
Zoya Mirza, Neuroscience
Faculty Mentor: Dr. Judith Kroll, Psychology
- B 53 The Differences in STEM Feelings and Interest Between Boys and Girls
Brandon Ngo, Biology
Faculty Mentor: Dr. Rebekah Richert, Psychology
- B 54 Using a Toxicology/Disease-in-a-Dish Model with Live Cell Imaging and Video Bioinformatics to Determine the Effects of Nicotine on Pluripotent Stem Cell Health and Survival
Leland Nguyen, Biology
Faculty Mentor: Dr. Prue Talbot, Cell, Molecular, and Developmental Biology
- B 55 UV radiation induced DNA damage response is exacerbated in NMD deficient N2A cells
Israel Nunez, Neuroscience
Faculty Mentor: Dr. Sika Zheng, Biomedical Sciences
- B 56 Determining the stem cell potential of neural crest during its specification from embryonic stem cells
Lipsa Patel, Biochemistry
Faculty Mentor: Dr. Martin Garcia-Castro, Biomedical Sciences
- B 57 Cuticular Hydrocarbons of Elaterid Beetles: Composition and Possible Functions as Contact Pheromones
Daniel Perry, Biology
Faculty Mentor: Dr. Jocelyn Millar, Entomology
- B 58 *Formica francoeuri* Responses to Bee Pheromones and Chemical Cues
Phi Phan, Biology
Faculty Mentor: Dr. Erin Wilson- Rankin

- B 59 Social Polymorphism in a California Native Ant
Daniel Pierce, Biology
Faculty Mentor: Dr. Jessica Purcell, Entomology
- B 60 Investigation of HOTAIRM1 in clear cell carcinoma
Shawn Poag, Biochemistry
Faculty Mentor: Dr. Ernest Martinez, Biochemistry
- B 61 The Role of Semen in the Evolution of Reproductive Mode
Sarah Ruckman, Biology
Faculty Mentor: Dr. David Reznick, Biology
- B 62 Analysis of wing sound of hummingbirds and bees
Irin Saad, Neuroscience
Faculty Mentor: Dr. Christopher Clark, Biology
- B 63 Developing a Frequency Calibration Model for Tellurium Spectra
Joshua Salazar, Physics
Faculty Mentor: Dr. Harry Tom, Physics and Astronomy
- B 64 Synthesis of Neuroprotective Flavalins
Lauren Sangster, Biochemistry
Faculty Mentor: Dr. David Martin, Chemistry
- B 65 Eigenvalue Distributions of Random Matrices
Shannon Sweitzer, Mathematics
Faculty Mentor: Dr. Michael Hartglass, Mathematics
- B 66 Structural Studies on the Inhibition of Cancer Promoting Matrix Metalloproteinase-14 by an Antibody
Timothy Tam, Philosophy
Faculty Mentor: Dr. Gregor Blaha, Biochemistry
- B 67 Identifying Biofilm-Disrupting Properties of N-acetyl-L-cysteine
Amanda Tedesco, Neuroscience
Faculty Mentor: Dr. Manuela Martins-Green, Cell Biology and Neuroscience
- B 68 Exploration of Transposable Element Families in the Citrus Genome Fairchild
Travis Wrightsman, Biochemistry
Faculty Mentor: Dr. Susan Wessler, Botany and Plant Sciences
- B 69 Synthesis and Characterization of C₁₂H₂₂N₁₂O₂ using Spectroscopy and Energy Calculations of a
Triazole-containing Fragment
Eduardo Zamora, Chemistry
Faculty Mentor: Dr. Thomas Morton, Chemistry

- B 70 The Role for Muscarinic Acetylcholine Receptors in Endocannabinoid Synthesis in the Mouse Heart
Mellonie Zhang, Chemistry
Faculty Mentor: Dr. Nicholas DiPatrizio, Biomedical Sciences
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SoBA

- B 71 Blockchain For The Public Sector
Turner Stanton, Business Administration
Faculty Mentor: Dr. Ronald O. Loveridge, Political Science
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R'Courses

- B 72 Female Comedic Icons: On and Off the Screen
Adrianna Chacon, English
Faculty Mentor: Dr. Laura Harris, Media & Cultural Studies
- B 73 Sociological Topics in Music: Television, Musicians, and Movies
Carlos Contreras, Sociology/Law and Society
Faculty Mentor: Dr. Ellen Reese, Sociology
- B 74 Harry Potter: The Literary Phenomenon of the 21st Century
Emily De La Fuente
Faculty Mentor: Dr. John Briggs & Carrie Jean Schroeder, University Writing Program
- B 75 Analysis of Folktales, Fables, & Fairytales
Christine Estadilla, Global Studies
Faculty Mentor: Dr. Perry Link, Comparative Literature & Foreign Languages
- B 76 Critical Refugee Studies
Phong Hong, Entomology
Faculty Mentor: Dr. Bronwyn Leebaw, Political Science
- B 77 Leadership in Sustainable Development
Hoan Pham, Global Studies
Faculty Mentor: Dr. Bronwyn Leebaw, Political Science
- B 78 Films of Hayao Miyazaki
Ljubica Jaich, English
Faculty Mentor: Dr. Lan Duong, Media & Cultural Studies

- B 79 Introduction to MATLAB and Programming Logic
Chirawat Sanpakit, Mechanical Engineering
Faculty Mentor: Dr. Sundararajan Venkatadriagaram, Mechanical Engineering
- B 80 Petri Dish to Patient: Stem Cells
Jon (Man) Wong, Neuroscience
Faculty Mentor: Dr. Prue Talbot, Cell Biology & Neuroscience
- B 81 Stumbling on Happiness: Imagining Your Future Selves
Zizhong Xiao, Psychology
Faculty Mentor: Dr. Kate Sweeny, Psychology

3:30 – 4:30 CLOSING CEREMONY HUB 302

Presentation of Best Oral and Poster Presentation Awards and Closing Remarks

***THANK YOU TO THE CAMPUS PARTNERS WHO MADE THE SYMPOSIUM A GREAT
SUCCESS***

- FACULTY MODERATORS
- ORAL PRESENTATION EVALUATORS
- POSTER JUDGES
- UNDERGRADUATE EDUCATION TEAM