ILLINOIS SUMMER RESEARCH SYMPOSIUM

Broadening participation in higher education

July 20-21, 2017 | I-Hotel and Conference Center
Welcome to the 2017 Summer Research Symposium. The Graduate College at Illinois is very proud to sponsor this annual symposium, which showcases our equity and diversity programs along with the exceptional research talents of the next generation of scholars.

This year’s conference is the culmination of two longstanding Graduate College programs, SPI and SROP at Illinois, and 10 partner programs: Discoveries in Bioimaging, EBICS REU, GSEF, McNair, MEMERRES, POETS, PRECS, REU-INCLUSION, SROP at UIC, and SURE Tox—each of which is dedicated to broadening participation in graduate education.

The success of these programs depends on the boundless energy and aspiration of the participating students as well as the dedication of the team leaders, program directors, and staff who help those students thrive. It is also the result of the commitment and inspiration of faculty who serve as mentors. Their passion and generosity make achievement possible and we are deeply appreciative of their time and effort.

On behalf of the Graduate College, I’d like to thank you for joining us for the 2017 Illinois Summer Research Symposium. Your participation is truly appreciated.

Sincerely,

Wojtek Chodzko-Zajko
Dean of the Graduate College
PARTICIPATING PROGRAMS

DISCOVERIES IN BIOIMAGING REU
National Science Foundation Research Experience for Undergraduates for Discoveries in Bioimaging

EBICS REU
National Science Foundation Center on Emergent Behaviors of Integrated Cellular Systems

GSEF
Graduate School Exploration Fellowship

MCNAIR
TRiO Ronald E. McNair Postbaccalaureate Achievement Program

MEMERRES
Mentor-Mentee Relationships in Research

POETS
Power Optimization of Electro-Thermal Systems

PRECS
Phenotypic Plasticity Research Experience for Community College Students

REU-INCLUSION
Incubating a New Community of Leaders Using Software, Inclusion, Innovation, Interdisciplinary & Open-Science

SPI
Summer Pre-Doctoral Institute

SROP AT ILLINOIS
Summer Research Opportunities Program for Undergraduates at the University of Illinois at Urbana-Champaign

SROP AT UIC
Summer Research Opportunities Program for Undergraduates at the University of Illinois at Chicago

SURE Tox
Summer Undergraduate Research Experience in Toxicology at the University of Illinois
SCHEDULE OF EVENTS

THURSDAY, JULY 20

11:30 – 1:00 p.m  Check-in – Chancellor Ballroom (Outside)
11:30 – 1:00 p.m  Lunch for Registered Attendees – Atkins Building South Meeting Room
1:15 – 1:30 p.m.  Welcome – Chancellor Ballroom
1:30 – 2:30 p.m.  Session 1 – Roundtable Presentations (Tables 1-9) – Chancellor Ballroom
2:40 – 3:40 p.m.  Session 2 – Roundtable Presentations (Tables 10-16) – Technology
3:45 – 4:45 p.m.  Networking Social Event – Atkins Building South Meeting Room
5:00 – 6:00 p.m.  Dinner for Registered Attendees – Chancellor Ballroom
Speaker: Daniel Wong, Associate Director, Educational Equity Programs, Graduate College
6:15 – 7:15 p.m.  Dessert & Talent Show – Illinois Ballroom A

FRIDAY, JULY 21

9:30 – 10:30 a.m.  Session 1 – Oral Presentations – various
10:45 – 11:45 a.m.  Session 2 – Oral Presentations – various
12:00 – 1:00 p.m.  Lunch – Faculty Appreciation Lunch – Chancellor Ballroom
Speaker: Isabel Molina-Guzmán, Associate Dean, Graduate College
1:15 – 2:15 p.m.  Session 3 – Poster Presentations (Posters 1-48) – Illinois Ballroom A
2:30 – 3:30 p.m.  Session 4 – Poster Presentations (Posters 49-96) – Illinois Ballroom A
3:45 – 4:45 p.m.  Session 5 – Oral Presentations – various
5:00 – 6:00 p.m.  Session 6 – Oral Presentations – various
6:15 – 7:00 p.m.  Dinner for Registered Attendees – Chancellor Ballroom
7:00 – 7:30 p.m.  Award Presentations – Chancellor Ballroom
**ROUNDTABLES - SESSION 1**

**Table 1**

Pro-Inflammatory Immune Cells Role in the Development and Growth of Uterine Leiomyomas  
Veronica Alston | SPI-UIUC

Activation of Beta-Cell Proliferation with Wnt Signaling  
Prosper Diala | SROP-UIC

Characterization of In Vitro Spinal Cord Outgrowths with Immunohistochemistry  
Vincent Fiorentino | SROP-UIUC

Phyllanthususmins: A Potential Natural Product Chemotherapeutic for the Treatment of Ovarian Cancer  
Denisse Herrera | SROP-UIC

**Table 2**

Building a Data Acquisition Device for a Distributed Electric Propulsion Aircraft  
Felipe Figueroa | SPI-UIUC

Calibration and Validation of Motion Sensors  
Marisol Guzman | SROP-UIUC

Parameterizing Farm-related Tweets to Develop a Predictive Model for Seasonal Corn Planting  
Chelsea Peterson | SROP-UIUC

Multiphysics Simulations of a Next-generation Nuclear Reactor using MOOSE Framework  
Gavin Ridley | SROP-UIUC

**Table 3**

Gene Editing of Twitcher Neural Stem Cells through CRISPR/Cas9  
Ema Karakoleva | SROP-UIC

Competence in Streptococcus pneumoniae  
Emmanuel Santiago | SROP-UIC

Identifying the Tissue Specific Role for Nuclear Receptor shp in Developing Cholestasis  
Ryan Shaw | SROP-UIC

Determining Host Specificity of Herpesviruses  
Widaliz Vega-Rodriguez | SPI-UIUC

**Table 4**

Super Hydrophobic Materials  
Kameron Bourne | SROP-UIC

Electrodeposition of Lithium Transition Metal Oxides via Deep Eutectic Solvents  
Michael Caple | SPI-UIUC

Magnetically-controlled Actuation Kinetics and Characterization of 4D-printed Soft Elastomers  
Aaron Mena | SPI-UIUC

Quantitative Ecology and Stability of Forest-Floor Spiders in Swallow Cliff Woods Illinois  
Yuliana Rowe | SROP-UIC
ROUND TABLES - SESSION 1

Table 5
Gentrification in Humboldt Park: Chicago’s Colonization of a Puerto Rican Community
Randy Santiago | SROP-UIUC

The Impact of Free Trade on the Mexican Auto Industry: The Bajío Region
Jesus Tapia | SROP-UIUC

Instruments of Struggle: Building Long-Term Change in the Face of Environmental Injustice
Ariam Torres | SPI-UIUC

Kant’s Reply to Hume
Joshua Williams | SROP-UIC

Table 6
Effect of the Public Registry on Family Members
Raolat Odeyale | SROP-UIC

The Association between Emotionally Supportive Relationships on Alcohol and Drug Use in Foster Care Youth
Toni Rufledt | SROP-UIC

Low-Income Communities in Chicago: Parent and Student Perceptions of Health
Madeleine Uraih | SROP-UIC

Table 7
Critical Consciousness as a Protective Factor for Urban adolescents Exposed to Community Violence
Hilary Hernandez | SROP-UIC

Depressive Symptoms among Low-Income Adolescents during the Pregnancy and Implications for School Social Work
Nancy Pérez-Flores | SROP-UIC

Suicide and Suicide Ideation among Latinx Youth
Karina Reyes | SROP-UIC

Table 8
Finding Validity in Health Science (Bioethics) Curriculum in Higher Education
Fatima Ali | SROP-UIC

Uncovering Blindspots: Is What We Don’t Know Hurting Us? A Critical Look at the Data Collected by Universities on their Black Student Populations
Ashley Davis | SPI-UIUC

Retention Rates in First Generation Latina/o Students in STEM Baccalaureate Programs
Kevin Kandamby | SROP-UIC

Urban Youths’ Educational Aspirations: Conceptualizations of Success Post-high School
Taylor Lay | SROP-UIC
ROUNDTABLES - SESSION 1

Table 9

Older Latinos’ Perceived Barriers for Technology Adoption
Brenda Munguia | SROP-UIC

Melanie Nernberg | SROP-UIUC

Administrator’s Knowledge and Perceptions of Emotionally Supportive Teaching Practices
Mayson Trujillo | SROP-UIC
ROUNDTABLES - SESSION 2

Table 10

“I Write my Letters at School, so I’m Ready, Right?”: Low-income Latino children’s Transition from Head Start to Kindergarten
Zahera Ali | SROP-UIUC

Early Childhood Professionals? Conceptualizations of Emotional Competence
Diamond Harris | SROP-UIC

A Poetic Approach to an Arts-Based Restorative Justice Program for Elementary School Children
Alexander Harris Jr. | SROP-UIC

Getting on the same Page: Preschool-Home Communication to Support Children’s Social-Emotional Development
Tania Rodriguez | SROP-UIC

Table 11

The Association between Emotional Profiles and Self-care Behavior in Hemodialysis Patients
Jasmin Aramburu | SROP-UIUC

The Influence of Exercise on Physical Performance and Health in Older Hispanic/Latinos Adults: The ?¡Caminemos!? Study
Stephanie Lopez | SROP-UIUC

The Role of Nutrition and Physical Activity on Academic Performance
Winifred Obanor | SROP-UIC

Group Health Care Models in Sickle Cell Anemia
Jennifer Oderinde | SROP-UIC

Table 12

Mechanical Properties of Normotensive and Pulmonary Arterial Hypertensive Rat Animal Models
Michael Godoy | SROP-UIC

Tooth Movement in Dicer Deficient Mice
George Ilenikhena | SROP-UIC

Characterization of the Gut Microbiome of Naked Mole Rats Experiencing Hypoxia
Kehinde Pedro | SROP-UIC

Examining the Zebrafish Microbiota and Bacterial Chemistry
Natalia Rivera | SROP-UIC

Table 13

“Hana Hou!”: Language Preservation through Music in Hawaii
Sam Bader | SROP-UIUC

Non-Standard Addition of -s at the End of Second Person Singular Preterite Verbs in Mexican Spanish
Vanessa Cortez | SROP-UIC

Raciolinguistic Discrimination: Approaches to African American English in U.S. Classrooms
Amber Drew | SROP-UIC
ROUNDTABLES - SESSION 2

Table 14
Does Mentoring Have Effects on Adult Criminal Activity through Substance Use?
Alex Alvarez | SROP-UIC
Rethinking Restrictive Housing Policies of Registered Sex Offenders
Olubukola Ayegbusi | SROP-UIC
Restorative Justice & Museum Strategies: Re-Presenting the Chicago Young Lords
Raquel Flecha | SROP-UIC
Crime & Police Misconduct: Perceptions of Politicians and Community Organizers
Israel Flores | SROP-UIC

Table 15
Perceptions of Daily Border Crossing among Transmigrant Workers in the San Diego-Tijuana Border Region
Miguel Avalos | SPI-UIUC
From Maya to Mennonite: God Nature and Technology in the Maya Lowlands of Belize
Jesann Gonzalez Cruz | SPI-UIUC
Herencia: How Does the Négritude Movement Reveal Itself in Afro Colombian Women’s Contemporary Literature?
Melissa Hernández | SROP-UIUC
White Ignorance and White Anti-Racism: A Literature Review
Luna White | SROP-UIC

Table 16
Multiethnic and Liminal Spaces: A Costume Design for Three Sisters
Willa Coufal | SROP-UIUC
Transforming Identity: Choreographing Self, Other, and Everything in between
Jayel Gant | SROP-UIC
Contemporary Commercial Music as the Voice of Social Justice in Musical Theater
Emily Hynes | SROP-UIUC
Radical Flor y Canto: Transforming Pedagogy through Chicanx Picturebooks
Lettycia Terrones | SPI-UIUC
ORAL PRESENTATIONS - SESSION 1

ALMA MATER

The Natural World: Seeds, Genes, Soil, and Viruses

Maize Cultivars Influence on Soil Nitrogen Cycling
Sierra Raglin | SPI-UIUC

Identifying Protein-Protein Interactions Regulating Salmonella Invasion of Intestinal Epithelial Cells
Roy Rodriguez Carrero | SPI-UIUC

Determining Host Specificity of Herpesviruses
Widaliz Vega-Rodriguez | SPI-UIUC

Controlling Phosphorus Recovery Using Hydroxyapatite Seeded Alginate Beads
Sammy Aguiar | SPI-UIUC

Homeostatic Reduction of Neural Network Activity through Inhibition of SLC4A10
Stephanie Soriano | SPI-UIUC

Searching for Mechanisms of Gene Flow in Sulfolobus islandicus
Ruben Sanchez-Nieves | SPI-UIUC

EXCELLENCE

Truthiness and Transparency: Optimizing Scientific Performance

Computational Reproducibility of Physics Research
Alexander Dickinson | SROP-UIUC

Finding Validity in Health Science (Bioethics) Curriculum in Higher Education
Fatima Ali | SROP-UIC

Application Topology Mapping Strategies for 3-D Torus Dragonfly and Fat Tree Networks
Russell Manser | SROP-UIUC

HUMANITIES

Nature or Nurture: Genetic and Environmental Effects on Human and Animal Populations

Quantitative Ecology and Stability of Forest-Floor Spiders in Swallow Cliff Woods IL
Yuliana Rowe | SROP-UIC

A Genetically Informative Study of Neuroticism and the Parent-Child Relationship
Susana Sosa | McNair

The Effects of Stress and Anxiety on Social Exploration in Mice
Yolanda Bradshaw | McNair

Lighting Environment Impacts Male Colour Morphs in Bluefin Killifish
Jonathan Sanders | McNair
ORAL PRESENTATIONS - SESSION 1

ILLINOIS BALLROOM B

**Wet and Wild Science: Thermal Management, Hydrophobicity, Catalysts, and Silicon Photomultipliers**

Active Jumping Droplet Vapor Chambers for High Heat Flux Cooling  
Adam Castaneda | SROP/UIUC

Super Hydrophobic materials  
Kameron Bourne | SROP/UIC

Effects of Hydrophobicity of Group IV and V Framework-Substituted Zeolite Catalysts on Rates and Selectivities for Olefin Epoxidation  
Alayna Johnson | SROP/UIUC

**ODS of Thiophenes Over Group IV and V Substituted Zeolite BEA Catalysts**  
Ami Patel | SROP/UIUC

ILLINOIS BALLROOM C

**Trading Places: Design, Movement, and Registration in Contested Spaces**

Gentrification in Humboldt Park: Chicago’s Colonization of a Puerto Rican Community  
Randy Santiago | SROP/UIUC

Effect of the Public Registry on Family Members  
Raolat Odeyale | SROP/UIC

The Impact of Free Trade on the Mexican Auto Industry: The Bajío Region  
Jesus Tapia | SROP/UIUC

Implementation of Hydroponic Design in an Urban Environment  
Kamau Haymon | McNair

INNOVATION

**Mind and Body: Innovative Healthcare Interventions and Models**

Neck Circumference: A Practical Measure to Assess Metabolic Risk in Children  
Carlos González-Cortés | SROP/UIUC

The Association between Emotional Profiles and Self-care Behavior in Hemodialysis Patients  
Jasmin Aramburu | SROP/UIUC

Group Health Care Models in Sickle Cell Anemia  
Jennifer Oderinde | SROP/UIUC

The Influence of Exercise on Physical Performance and Health in Older Hispanic/Latinos Adults: The ¿¡Caminemos!? Study  
Stephanie Lopez | SROP/UIUC
**ORAL PRESENTATIONS - SESSION 1**

**KNOWLEDGE**

**Who's the Boss?: Administrators and Professionals' Competence in Their Fields**
Administrator’s Knowledge and Perceptions of Emotionally Supportive Teaching Practices  
Mayson Trujillo | SROP-UIC

**Early Childhood Professionals’ Conceptualizations of Emotional Competence**
Diamond Harris | SROP-UIC

**Sci-Tech Academic Librarians in the 21st Century: Are Non-Science Backgrounds Enough?**
Melanie Nernberg | SROP-UIUC

**LINCOLN**

**Redefining Multiethnic Femininity Across Space and Time**
Multiethnic and Liminal Spaces: A Costume Design for Three Sisters  
Willa Coufal | SROP-UIUC

**Mujeres Hechas De La Noche: The Effects of Sex Tourism and the Hypersexualization of the Afro-Cuban Woman**
Lindsey Crudup | McNair

**Herencia: How Does the Négritude Movement Reveal Itself in Afro Colombian Women’s Contemporary Literature?**
Melissa Hernández | SROP-UIUC

**LOYALTY**

**You’re Speaking My Language: Preserving Language Across Borders**
Non-Standard Addition of -s at the End of Second Person Singular Preterite Verbs in Mexican Spanish  
Vanessa Cortez | SROP-UIC

“Hana Hou!”: Language Preservation through Music in Hawaii  
Sam Bader | SROP-UIC

Raciolinguistic Discrimination: Approaches to African American English in U.S. Classrooms  
Amber Drew | SROP-UIC
ORAL PRESENTATIONS - SESSION 2

ALMA MATER

Borders and Behaviors: Bias and Education, Discovery and Divide
Markera Jones | SPI-UIC

From Maya to Mennonite: God Nature and Technology in the Maya Lowlands of Belize
Jesann Gonzalez Cruz | SPI-UIC

Perceptions of Daily Border Crossing among Transmigrant Workers in the San Diego-Tijuana Border Region
Miguel Avalos | SPI-UIC

Instruments of Struggle: Building Long-Term Change in the Face of Environmental Injustice
Ariam Torres | SPI-UIC

Social and Emotional Rewards of Alcohol as Predictors of Change in Alcohol Consumption Over Time
Walter James Venerable III | SPI-UIC

EXCELLENCE

Generation Gaps and Possibilities
How the Faultlines Between Generational Diversity and Technology Influence Collaboration in Organizations Integrating Technology in the Workplace
Madeline Sy | SROP-UIC

My Parents are African: Understanding How Warmth Is Perceived in First Generation African Immigrant Populations
Bitanya Gebrekristos | McNair

Older Latinos’ Perceived Barriers for Technology Adoption
Brenda Munguia | SROP-UIC

HUMANITIES

Building Blocks: Preschool Interventions for Underserved Populations
Getting on the same Page: Preschool-Home Communication to Support Children’s Social-Emotional Development
Tania Rodriguez | SROP-UIC

“I Write my Letters at School, so I’m Ready, Right?”: Low-income Latino children’s Transition from Head Start to Kindergarten
Zahera Ali | SROP-UIC

Pre-K Preparation in Low-Income Families
Demeisha Carlton | McNair
ORAL PRESENTATIONS - SESSION 2

ILLINOIS BALLROOM B

To Be or Not to Be in Young America
Depressive Symptoms among Low-Income Adolescents during the Pregnancy and Implications for School Social Work
Nancy Pérez-Flores | SROP-UIUC

Suicide and Suicide Ideation among Latinx Youth
Karina Reyes | SROP-UIC

What are the Effects of Depression Rates in Collegiate Athletes When They Have Suffered a Concussion?
Belinda Grant | McNair

ILLINOIS BALLROOM C

Improving Big Data Algorithms for Food and Energy Security
Parameterizing Farm-related Tweets to Develop a Predictive Model for Seasonal Corn Planting
Chelsea Peterson | SROP-UIUC

Genetic Molecular and Physiological Characterization of Leaf Area Mutants for Enhanced Water-use Efficiency in Zea mays L
Bryan Perez-Santiago | SROP-UIUC

Transient Simulations of Next Generation Nuclear Reactors
Gavin Ridley | SROP-UIUC

Fusing Multiple Data Sources to Obtain Temporally and Spatially Accurate Solar-Induced Fluorescence (SIF) Product
Nishant Maniam | SROP-UIUC

INNOVATION

Next Generation Computer Architecture
Evaluating Application Suitability for a Novel Migratory Near Memory Processing Architecture
Amy Wang | SROP-UIUC

Semiconductor Nanocrystal Data Organization and Analysis
Julia Balas | SROP-UIUC

Validation of Multisensor IMU System
Marisol Guzman | SROP-UIUC

A Neural Network Approach to the Many Body Localized Phase
David Villarreal | SROP-UIUC
ORAL PRESENTATIONS - SESSION 2

KNOWLEDGE

The Cellular Environment: Competence, Proliferation, and Intracellular Dynamics
Activation of Beta-Cell Proliferation with Wnt Signaling
Prosper Diala | SROP-UIC

Competence in Streptococcus pneumoniae
Emmanuel Santiago | SROP-UIC

Transient Scattering Contrast
Janet Sorrells | SROP-UIUC

LINCOLN

Body Flows: Investigations in Cardiovascular Systems
Label Free Detection of Angiogenic Blood Vessels In Vitro
Merci-Pauline Ujeneza | SROP-UIUC

Mechanical Properties of Normotensive and Pulmonary Arterial Hypertensive Rat Animal Models
Michael Godoy | SROP-UIC

Using Ultrasound Doppler Modalities for more Accurate and Precise Blood Flow Imaging
Janee Phillips | SROP-UIUC

Quantification of Angiogenic Receptors on Circulating Endothelial Cells
Amanda Craine | SROP-UIUC

LOYALTY

Race for the Cure: Understanding Cancer Cells and Their Therapies
Cellular Topological Growth Limits Affect Melanoma Phenotype
Than Huynh | SROP-UIC

Phyllanthusmins: A Potential Natural Product Chemotherapeutic for the Treatment of Ovarian Cancer
Denisse Herrera | SROP-UIC

Decellularized Matrices to Regulate Liver Cancer Functionality
Miya Kristine Bidon | SROP-UIUC

Generation of Biocompatible Scaffolds for Modeling Tumor Microenvironments
Carolyna Quiles | SROP-UIUC
POSTER PRESENTATIONS - SESSION 3

1. IVD Formation in Monodelphis domestica
   Emma Gray | PRECS

2. You Are What You Eat: Food-Drug Interaction in Honey Bees (Apis Mellifera)
   Allison Kelley | PRECS

3. Maternal Viral Infection During Late Gestation Alters Fetal Piglet Microglia Cell Morphology
   Mario Barenas | SROP-UIUC

4. Tooth Movement in Dicer Deficient Mice
   George Ilenikghena | SROP-UIC

   Aaron Mena | SPI-UIUC

   Carlos González-Cortés | SROP-UIUC

7. A Neural Network Approach to the Many Body Localized Phase
   David Villarreal | SROP-UIUC

8. Gut - Brain Axis and Beyond: Tracing the Gut - Brain Axis and Evaluating Effects of Obesity
   Ricardo Torres | PRECS

9. Super Hydrophobic Nano Structures
   Kameron Bourne | SROP-UIC

10. Evaluating Application Suitability for a Novel Migratory Near Memory Processing Architecture
    Amy Wang | SROP-UIUC

11. Decellularized Matrices to Regulate Liver Cancer Functionality
    Miya Kristine Bidon | SROP-UIUC

12. Characterization of Colitis Bone and Demineralized and Deproteinized Bone
    Silvia Alvarez | SROP-UIUC

13. Fusing Multiple Data Sources to Obtain Temporally and Spatially Accurate Solar-Induced Fluorescence (SIF) Product
    Nishant Maniam | SROP-UIUC

14. Soybean Cyst Nematode Hatching
    Aaron West | PRECS

15. Label Free Detection of Angiogenic Blood Vessels In Vitro
    Merci-Pauline Ujeneza | SROP-UIUC

16. Transgenerational Effects in Paternal Care of Threespined Sticklebacks
    Kayla Kulinski | PRECS

17. Application Topology Mapping Strategies for 3-D Torus Dragonfly and Fat Tree Networks
    Russell Manser | SROP-UIUC

18. Cellular Topological Growth Limits Affect Melanoma Phenotype
    Than Huynh | SROP-UIUC
POSTER PRESENTATIONS - SESSION 3

19. Evaluation of Multimodal Training Effect in Structural Plasticity and Fluid Intelligence
   Jorge Maldonado | SPI-UIUC

20. Effects of Hydrophobicity of Group IV and V Framework-Substituted Zeolite Catalysts on Rates and Selectivities for Olefin Epoxidation
   Alayna Johnson | SROP-UIUC

21. Finding Validity in Health Science (Bioethics) Curriculum in Higher Education
   Fatima Ali | SROP-UIC

22. Beyond the Numbers: Analyzing the Experiences of Black Women and the Behavioral and Psychological Impacts of Attending a PWI
   Kristal Raheem | SPI-UIUC

   Israel Flores | SROP-UIC

24. From Maya to Mennonite: God, Nature, and Technology in the Maya Lowlands of Belize
   Jesann Gonzalez Cruz | SPI-UIUC

   Tania Rodriguez | SROP-UIC

26. The Association between Emotionally Supportive Relationships on Alcohol and Drug Use in Foster Care Youth
   Toni Rufledt | SROP-UIC

27. Healthy Eating Index of an Indigenous Community in Mexico
   Jorge A. Zuñiga Bañuelos | SROP-UIUC

28. Social and Emotional Rewards of Alcohol as Predictors of Change in Alcohol Consumption Over Time
   Walter James Venerable III | SPI-UIUC

29. Older Latinos’ Perceived Barriers for Technology Adoption
   Brenda Munguia | SROP-UIC

30. The Role of Nutrition and Physical Activity on Academic Performance
   Winifred Obanor | SROP-UIC

31. Non-Standard Addition of -s at the End of Second Person Singular Preterite Verbs in Mexican Spanish
   Vanessa Cortez | SROP-UIC

32. Quantification of NFkB Translocation by TNF-α stimulation Using Quantum Dots
   Prerana Jaikumar | SROP-UIUC

33. Validation of Transfected C2C12 Murine Myoblast Cells with ChR2 and GECIs
   Alexa Regina Avecilla | SROP-UIUC
POSTER PRESENTATIONS - SESSION 3

34. Engineered Skeletal Muscle Tissues in a Physiologically Relevant Setting  
   Oluwasanmi Ariyo | SROP-UIUC

35. Gene Editing of Twitcher Neural Stem Cells Through CRISPR/Cas9  
   Ema Karakoleva | SROP-UIC

36. Transient Scattering Contrast  
   Janet Sorrells | SROP-UIUC

37. Homeostatic Reduction of Neural Network Activity through Inhibition of SLC4A10  
   Stephanie Soriano | SPI-UIUC

38. Effect of in Utero Exposure to di (2-ethylhexyl) phthalate (DEHP) on Uterine Physiology of Mice  
   Danae Biddle | SROP-UIUC

39. Competence in Streptococcus pneumoniae  
   Emmanuel Santiago | SROP-UIC

40. Functional Neuronal Plasticity in the Nematode C. elegans  
   Cassandra Smith | PRECS

41. Correlation Between Uterine Prolapse and Uterine Fiber Structure  
   Melissa Santi | SROP-UIUC

42. GIRK Channel and GABAB Receptor Regulation in Homeostatic Plasticity  
   Staci Hammer | PRECS

43. Searching for Mechanisms of Gene Flow in Sulfolobus islandicus  
   Ruben Sanchez-Nieves | SPI-UIUC

44. Author Demographics and the Availability of Source Code  
   Geraldine Padilla-Sainez | SROP-UIUC

45. Genetic Molecular and Physiological Characterization of Leaf Area Mutants for Enhanced Water-use Efficiency in Zea mays L  
   Bryan Perez-Santiago | SROP-UIUC

46. Phyllanthusmins: A Potential Natural Product Chemotherapeutic for the Treatment of Ovarian Cancer  
   Denisse Herrera | SROP-UIC

47. Materials Discovery Through Supervised Machine Learning on Optical Properties  
   Aditi Munshi | SROP-UIUC

48. The Mathematics of Poker: Adapting to Opponent Behavior  
   Sultan Muratov | Illinois Math REU  
   Blandon Su | Illinois Math REU  
   Fan Wu | Illinois Math REU  
   Ruoyu Zhu | Illinois Math REU
49. Analyses of Estrogenic Agents within an Integrated Water System Associated with Water Recycling  
   Grace Ansah | SROP-UIUC

50. Behavioral Assay Determining Stress Response in Apis Mellifera  
   Coby Dulitzki | PRECS

51. Controlling Phosphorus Recovery Using Hydroxyapatite Seeded Alginat+E2:E37e Beads  
   Sammy Aguiar | SPI-UIUC

52. Identifying the Tissue Specific Role for Nuclear Receptor shp in Developing Cholestasis  
   Ryan Shaw | SROP-UIUC

53. Active Jumping Droplet Vapor Chambers for High Heat Flux Cooling  
   Adam Castaneda | SROP-UIUC

54. Parameterizing Farm-related Tweets to Develop a Predictive Model for Seasonal Corn Planting  
   Chelsea Peterson | SROP-UIUC

55. Identifying the Underlying Mechanism of BPA Down Regulation of POMC Gene Expression  
   John de Graft-Johnson | SROP-UIUC

56. Computational Reproducibility of Physics Research  
   Alexander Dickinson | SROP-UIUC

57. The Effects of Environmental Toxicants on Early Embryonic Development in Mice  
   Jalen Parks | SROP-UIUC

58. ODS of Thiophenes Over Group IV and V Substituted Zeolite BEA Catalysts  
   Ami Patel | SROP-UIUC

59. Validation of Multisensor IMU System  
   Marisol Guzman | SROP-UIUC

60. Effects of Bisphenol A on the Development of Primordial Germ Cells  
   Tamia Tolson | SROP-UIUC

61. Examining the Zebrafish Microbiota and Bacterial Chemistry  
   Natalia Rivera | SROP-UIC

   Brittani Carroll | SROP-UIUC

64. Characterization of Silicon Photomultipliers for nEXO  
   Jonathan Echevers | SPI-UIUC

65. Generation of Biocompatible Scaffolds for Modeling Tumor Microenvironments  
   Carolyna Quiles | SROP-UIUC

66. Thick Slice CLARITY for Localization of Novel Neuroactive Target Gene Products  
   Eva Ping | PRECS

67. Semiconductor Nanocrystal Data Organization and Analysis  
   Julia Balas | SROP-UIUC
**POSTER PRESENTATIONS - SESSION 4**

68. Affects of Temperature Stress on Illinois Soybeans  
   Ava Alford | PRECS

69. Maize Cultivars Influence on Soil Nitrogen Cycling  
   Sierra Raglin | SPI-UIUC

70. Determining Host Specificity of Herpesviruses  
   Widaliz Vega-Rodriguez | SPI-UIUC

71. Characterization of In Vitro Spinal Cord Outgrowths with Immunohistochemistry  
   Vincent Fiorentino | SROP-UIUC

72. 3D Murine Brain Cartography: Reconstruction Using Spatial Light Interference Microscopy (SLIM)  
   Javier De Jesus | SROP-UIUC

73. The Mathematics of Poker: Skill vs. Luck  
   Xinying Fang | Illinois Math REU  
   John Haug | Illinois Math REU  
   Sara Rat | Illinois Math REU

74. Eye Tracking Race and Cultural Difference in Video Games  
   Nicole Pontaza | SROP-UIUC

75. Metabolism of Endocannabinoids by CYP2D6 the Primary Brain Cytochrome P450  
   Hector Rosa Lopez | SROP-UIUC

76. Developing an Efficient Approach to the Computation of Eigenvectors for Symmetric Matrices  
   Raul Platero | SPI-UIUC

77. Relationships between Functional Connectivity and Walking Scores in MS Patients  
   Kyle Poe | SROP-UIUC

78. Quantification of Angiogenic Receptors on Circulating Endothelial Cells  
   Amanda Craine | SROP-UIUC

79. Using Ultrasound Doppler Modalities for More Accurate and Precise Blood Flow Imaging  
   Janee Phillips | SROP-UIUC

80. Identifying Protein-Protein Interactions Regulating Salmonella Invasion of Intestinal Epithelial Cells  
   Roy Rodriguez Carrero | SPI-UIUC

81. The Experiences of Black Mothers Who Lose a Child to Gun Violence  
   Allegra Wyatt | SROP-UIUC

82. Critical Consciousness as a Protective Factor for Urban Adolescents Exposed to Community Violence  
   Hilary Hernandez | SROP-UIC

   Markera Jones | SPI-UIUC
**POSTER PRESENTATIONS - SESSION 4**

84. Urban Youths’ Educational Aspirations: Conceptualizations of Success Post-high School  
   Taylor Lay | SROP-UIC

85. Administrator’s Knowledge and Perceptions of Emotionally Supportive Teaching Practices  
   Mayson Trujillo | SROP-UIC

86. African America Males Retention and Recruitment into Medical School and Medical Residency  
   Arthur Boyd | SPI-UIUC

87. Generational Diversity and Technology: How Faultlines Influence Collaboration in Organizations  
   Integrating Technology in the Workplace  
   Madeline Sy | SROP-UIUC

88. Studying The Accuracy Of Momentary Time Sampling For Observation Of Affect In Classrooms  
   Emily Buettner | SROP-UIUC

89. Rethinking Restrictive Housing Policies of Registered Sex Offenders  
   Olubukola Ayegbusi | SROP-UIC

90. “I Write My Letters at School, so I’m Ready, Right?”: Low-income Latino children’s Transition  
    from Head Start to Kindergarten  
    Zahera Ali | SROP-UIUC
ORAL PRESENTATIONS - SESSION 5

ALMA MATER

Graphs, Maps, and Trees: Characterization, Examination, and Optimization

Characterization of Silicon Photomultipliers for nEXO
Jonathan Echevers | SPI-UIUC

Magnetically-controlled Actuation Kinetics and Characterization of 4D-printed Soft Elastomers
Aaron Mena | SPI-UIUC

Electrodeposition of Lithium Transition Metal Oxides via Deep Eutectic Solvents
Michael Caple | SPI-UIUC

Building a Data Acquisition Device for a Distributed Electric Propulsion Aircraft
Felipe Figueroa | SPI-UIUC

Evaluation of Multimodal Training effect in Structural Plasticity and Fluid Intelligence
Jorge Maldonado | SPI-UIUC

Developing an Efficient Approach to the Computation of Eigenvectors for Symmetric Matrices
Raul Platero | SPI-UIUC

EXCELLENCE

Seeing is Believing: Quantifying Discovery in Science and Engineering

Quantification of NFkB Translocation by TNF-α Stimulation Using Quantum Dots
Prerana Jaikumar | SROP-UIUC

Aerodynamic Properties of Ornithopters Understood through Experimental and Computational Data
Brian Franklin | McNair

Methods for Measuring Dry Mass Change and Time-lapse Using GLIM
Brittani Carroll | SROP-UIUC

Materials Discovery Through Supervised Machine Learning on Optical Properties
Aditi Munshi | SROP-UIUC

HUMANITIES

Action Potential: Actuators and Muscles in Context

Engineered Skeletal Muscle Tissues in a Physiologically Relevant Setting
Oluwasanmi Ariyo | SROP-UIUC

Design and Fabrication of Miniaturized Soft Pneumatic Actuators
Fernando Ayala | Hsiao-Wecksler Group

Structural Deformation of Fiber-Reinforced Elastomeric Enclosures in an Open Pneumatic System
Charles Lewis IV | Hsiao-Wecksler Group
**ORAL PRESENTATIONS - SESSION 5**

**ILLINOIS BALLROOM B**

**Environmental Toxicants and Endocrine Disruptors**

The Effects of Environmental Toxicants on Early Embryonic Development in Mice  
Jaylen Parks | SROP-UIUC

Effect of in Utero Exposure to di (2-ethylhexyl) phthalate (DEHP) on Uterine Physiology of Mice  
Danae Biddle | SROP-UIUC

Identifying the Underlying Mechanism of BPA Down Regulation of POMC Gene Expression  
John de Graft-Johnson | SROP-UIUC

Effects of Bisphenol A on the Development of Primordial Germ Cells in Xenopus laevis  
Tamia Tolson | SROP-UIUC

**ILLINOIS BALLROOM C**

**Strengthening and Characterizing Physical Systems: Bones and Teeth**

Tooth Movement in Dicer Deficient Mice  
George Ilenikhena | SROP-UIC

Characterization of Colitis Bone and Demineralized and Deproteinized Bone  
Silvia Alvarez | SROP-UIUC

Characterization of In Vitro Spinal Cord Outgrowths with Immunohistochemistry  
Vincent Fiorentino | SROP-UIUC

**INNOVATION**

**I Am Who I Am: Thinking Through Experiences and Identity**

Morality White Ignorance and White Anti-Racist Epistemological Patterns: A Literature Review  
Luna White | SROP-UIC

Kant’s Reply to Causal Skepticism  
Joshua Williams | SROP-UIC

Backlash and Admirations from Racial In-Groups as a Result of Counter-Stereotypical Success  
Eboni Bradley | McNair

Eye Tracking Race and Cultural Difference in Videogames  
Nicole Pontaza | SROP-UIUC
ORAL PRESENTATIONS - SESSION 5

KNOWLEDGE

Switching Stereotypes: Sex, Drugs, and Crime
Rethinking Restrictive Housing Policies of Registered Sex Offenders
Olubukola Ayegbusi | SROP-UIC

The Association between Emotionally Supportive Relationships on Alcohol and Drug Use in Foster Care Youth
Toni Rufledt | SROP-UIC

Does Mentoring Have Effects on Adult Criminal Activity through Substance Use?
Alex Alvarez | SROP-UIC

LINCOLN

Healing the Invisible: Providing Mental Health Services for Underrepresented Minorities
African-American Community Utilization of Mental Health Services
Nakia Brown | McNair

Complementary and Alternative Approaches for Treating Women in College
Janell Ross | McNair

Your Story Will Heal: African American Community Healing through Storytelling
Taylor Walker | McNair

LOYALTY

Top of the Class: Academic Performance and Success in Children and Teens
A Poetic Approach to an Arts-Based Restorative Justice Program for Elementary School Children
Alexander Harris Jr. | SROP-UIC

Studying the Accuracy of Momentary Time Sampling for Observation of Affect in Classrooms
Emily Buettner | SROP-UIC

The Role of Nutrition and Physical Activity on Academic Performance
Winifred Obanor | SROP-UIC

Urban Youths’ Educational Aspirations: Conceptualizations of Success Post-high School
Taylor Lay | SROP-UIC
ORAL PRESENTATIONS - SESSION 6

ALMA MATER

Telling the Whole Story: Discovering, Uncovering, and Transforming Data, Spaces, and Pedagogy
African American Males Retention and Recruitment into Medical School and Medical Residency
Arthur Boyd | SPI-UIUC

Uncovering Blindspots: Is What We Don’t Know Hurting Us? A Critical Look at the Data Collected by Universities on their Black Student Populations
Ashley Davis | SPI-UIUC

Beyond the Numbers: Analyzing the Experiences of Black Women and the Behavioral and Psychological Impacts of Attending a PWI
Kristal Raheem | SPI-UIUC

Radical Flor y Canto: Transforming Pedagogy through Chicanx Picturebooks
Letticia Terrones | SPI-UIUC

EXCELLENCE

Salud: Understanding Health and Eating Choices in Mexican and Low-Income Families
Low-Income Communities in Chicago: Parent and Student Perceptions of Health
Madeleine Uraih | SROP-UIC

Social and Cultural Barriers that Affect Mexican Families from Making Healthy Changes
Stephanie Gil | McNair

Healthy Eating Index of an Indigenous Community in Mexico
Jorge A. Zuñiga Bañuelos | SROP-UIUC

Healthy Eating in Low-Income Families in the Southside of Chicago
Zainab Alaka | McNair

ILLINOIS BALLROOM B

We Gon’ Be Alright: Addressing Violence and Policing in Marginalized Communities
The Experiences of Black Mothers Who Lose a Child to Gun Violence
Allegra Wyatt | SROP-UIUC

Critical Consciousness as a Protective factor for Urban adolescents Exposed to Community Violence
Hilary Hernandez | SROP-UIC

Crime & Police Misconduct: Perceptions of Politicians and Community Organizers
Israel Flores | SROP-UIC
ORAL PRESENTATIONS - SESSION 6

ILLINOIS BALLROOM C

Breaking Barriers: Educational Attainment and Retention of Black and Latino Students
Por que No Sigue la Lucha?: Combating Latinas/os Disillusionment with Education in the United States
Moises Contreras | McNair

Methods Used at PWIs to Influences the Persistence of African-American Males
Steven Waddell | McNair

The Impact of a Black and Latino Male Diversity Learning Program at a Midwestern Public Research Institution
Jacob Reed | McNair

Retention Rates in First Generation Latina/o Students in STEM Baccalaureate Programs
Kevin Kandamby | SROP-UIUC

INNOVATION

The Brain Matters: Advances in Neuroscience

Metabolism of Endocannabinoids by CYP2D6 the Primary Brain cytochrome P450
Hector Rosa Lopez | SROP-UIUC

3D Murine Brain Cartography: Reconstruction Using Spatial Light Interference Microscopy (SLIM)
Javier De Jesus | SROP-UIUC

Maternal Viral Infection During Late Gestation Alters Fetal Piglet Microglia Cell Morphology
Mario Barenas | SROP-UIUC

Relationships between Functional Connectivity and Walking Scores in MS Patients
Kyle Poe | SROP-UIUC

KNOWLEDGE

Tiny Scales and Big Functions: Investigations into Muscles and Microbiomes

Examining the Zebrafish Microbiota and Bacterial Chemistry
Natalia Rivera | SROP-UIC

Characterization of the Gut Microbiome of Naked Mole Rats Experiencing Hypoxia
Kehinde Pedro | SROP-UIC

Validation of Transfected C2C12 murine myoblast Cells with ChR2 and GECIs
Alexa Regina Avecilla | SROP-UIUC
ORAL PRESENTATIONS - SESSION 6

LINCOLN

Living Longer: Understanding Disease Propagation in Humans and Mice
Analyses of Estrogenic Agents within an Integrated Water System Associated with Water Recycling
Grace Ansah | SROP-UIUC

Identifying the Tissue Specific Role for Nuclear Receptor shp in Preventing Cholestasis
Ryan Shaw | SROP-UIUC

Correlation Between Uterine Prolapse and Uterine Fiber Structure
Melissa Santi | SROP-UIUC

Gene Editing of Twitcher Neural Stem Cells Through CRISPR/Cas9
Ema Karakoleva | SROP-UIC

LOYALTY

Representation Matters: Using the Arts to Define Oneself
Contemporary Commercial Music: The Voice of Social Justice in Musical Theater
Emily Hynes | SROP-UIUC

Representation as Key - Is this the Career for me?
Brianna Tyler | McNair

Restorative Justice & Museum Strategies: Re-Presenting the Chicago Young Lords
Raquel Flecha | SROP-UIC

Transforming Identity: Choreographing Self Other and Everything in Between
Jayel Gant | SROP-UIUC
<table>
<thead>
<tr>
<th>Name</th>
<th>Thursday Roundtable time (Table #)</th>
<th>Friday Oral Presentations time (room)</th>
<th>Friday Poster Session time (poster #)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sammy Aguiar</td>
<td></td>
<td>9:30-10:30 (Alma)</td>
<td>2:30-3:30 (51)</td>
</tr>
<tr>
<td>Zainab Alaka</td>
<td></td>
<td>5:00-6:00 (Excellence)</td>
<td></td>
</tr>
<tr>
<td>Ava Alford</td>
<td>1:30-2:30 (8)</td>
<td>9:30-10:30 (Excellence)</td>
<td>2:30-3:30 (68)</td>
</tr>
<tr>
<td>Fatima Ali</td>
<td>2:40-3:40 (10)</td>
<td>10:45-11:45 (Humanities)</td>
<td>2:30-3:30 (90)</td>
</tr>
<tr>
<td>Zahera Ali</td>
<td>1:30-2:30 (1)</td>
<td>10:45-11:45 (Humani)</td>
<td></td>
</tr>
<tr>
<td>Veronica Alston</td>
<td>2:40-3:40 (14)</td>
<td>3:45-4:45 (Knowledge)</td>
<td></td>
</tr>
<tr>
<td>Alex Alvarez</td>
<td>2:40-3:40 (14)</td>
<td>3:45-4:45 (Illinois Ballroom C)</td>
<td>1:15-2:15 (12)</td>
</tr>
<tr>
<td>Silvia Alvarez</td>
<td>2:40-3:40 (11)</td>
<td>9:30-10:30 (Innovation)</td>
<td></td>
</tr>
<tr>
<td>Grace Ansah</td>
<td>2:40-3:40 (15)</td>
<td>10:45-11:45 (Alma)</td>
<td>2:30-3:30 (49)</td>
</tr>
<tr>
<td>Jasmin Aramburu</td>
<td>2:40-3:40 (11)</td>
<td>9:30-10:30 (Innovation)</td>
<td></td>
</tr>
<tr>
<td>Oluwasanmi Ariyo</td>
<td>2:40-3:40 (14)</td>
<td>3:45-4:45 (Knowledge)</td>
<td>2:30-3:30 (89)</td>
</tr>
<tr>
<td>Miguel Avalos</td>
<td>2:40-3:40 (13)</td>
<td>9:30-10:30 (Loyalty)</td>
<td>2:30-3:30 (86)</td>
</tr>
<tr>
<td>Alex Regina Avezilla</td>
<td>2:40-3:40 (14)</td>
<td>3:45-4:45 (Loyalty)</td>
<td></td>
</tr>
<tr>
<td>Fernando Ayala</td>
<td>2:40-3:40 (14)</td>
<td>3:45-4:45 (Lincoln)</td>
<td></td>
</tr>
<tr>
<td>Olubukola Ayegbusi</td>
<td>2:40-3:40 (14)</td>
<td>3:45-4:45 (Lincoln)</td>
<td></td>
</tr>
<tr>
<td>Sam Bader</td>
<td>2:40-3:40 (14)</td>
<td>3:45-4:45 (Lincoln)</td>
<td></td>
</tr>
<tr>
<td>Julia Balas</td>
<td>2:40-3:40 (14)</td>
<td>3:45-4:45 (Lincoln)</td>
<td></td>
</tr>
<tr>
<td>Mario Barenas</td>
<td>2:40-3:40 (14)</td>
<td>3:45-4:45 (Lincoln)</td>
<td></td>
</tr>
<tr>
<td>Danae Biddle</td>
<td>2:40-3:40 (14)</td>
<td>3:45-4:45 (Lincoln)</td>
<td></td>
</tr>
<tr>
<td>Miya Kristine Bidon</td>
<td>2:40-3:40 (14)</td>
<td>3:45-4:45 (Lincoln)</td>
<td></td>
</tr>
<tr>
<td>Kameron Bourne</td>
<td>1:30-2:30 (4)</td>
<td>9:30-10:30 (Lincoln)</td>
<td>1:15-2:15 (9)</td>
</tr>
<tr>
<td>Arthur Boyd</td>
<td>2:40-3:40 (4)</td>
<td>3:45-4:45 (Lincoln)</td>
<td>2:30-3:30 (88)</td>
</tr>
<tr>
<td>Eboni Bradley</td>
<td>2:40-3:40 (4)</td>
<td>3:45-4:45 (Lincoln)</td>
<td>2:30-3:30 (88)</td>
</tr>
<tr>
<td>Yolanda Bradshaw</td>
<td>2:40-3:40 (4)</td>
<td>3:45-4:45 (Lincoln)</td>
<td>2:30-3:30 (88)</td>
</tr>
<tr>
<td>Nakia Brown</td>
<td>2:40-3:40 (4)</td>
<td>3:45-4:45 (Lincoln)</td>
<td>2:30-3:30 (88)</td>
</tr>
<tr>
<td>Emily Buettner</td>
<td>2:40-3:40 (4)</td>
<td>3:45-4:45 (Lincoln)</td>
<td>2:30-3:30 (88)</td>
</tr>
<tr>
<td>Michael Caple</td>
<td>2:40-3:40 (4)</td>
<td>3:45-4:45 (Lincoln)</td>
<td>2:30-3:30 (88)</td>
</tr>
<tr>
<td>Demeisha Carlton</td>
<td>2:40-3:40 (4)</td>
<td>3:45-4:45 (Lincoln)</td>
<td>2:30-3:30 (88)</td>
</tr>
<tr>
<td>Brittani Carroll</td>
<td>2:40-3:40 (4)</td>
<td>3:45-4:45 (Lincoln)</td>
<td>2:30-3:30 (88)</td>
</tr>
<tr>
<td>Adam Castaneda</td>
<td>2:40-3:40 (4)</td>
<td>3:45-4:45 (Lincoln)</td>
<td>2:30-3:30 (88)</td>
</tr>
<tr>
<td>Moises Contreras</td>
<td>2:40-3:40 (4)</td>
<td>3:45-4:45 (Lincoln)</td>
<td>2:30-3:30 (88)</td>
</tr>
<tr>
<td>Vanessa Cortez</td>
<td>2:40-3:40 (4)</td>
<td>3:45-4:45 (Lincoln)</td>
<td>2:30-3:30 (88)</td>
</tr>
<tr>
<td>Willa Coufal</td>
<td>2:40-3:40 (4)</td>
<td>3:45-4:45 (Lincoln)</td>
<td>2:30-3:30 (88)</td>
</tr>
<tr>
<td>Amanda Craine</td>
<td>2:40-3:40 (4)</td>
<td>3:45-4:45 (Lincoln)</td>
<td>2:30-3:30 (88)</td>
</tr>
<tr>
<td>Lindsey Crudup</td>
<td>2:40-3:40 (4)</td>
<td>3:45-4:45 (Lincoln)</td>
<td>2:30-3:30 (88)</td>
</tr>
<tr>
<td>Ashley Davis</td>
<td>2:40-3:40 (4)</td>
<td>3:45-4:45 (Lincoln)</td>
<td>2:30-3:30 (88)</td>
</tr>
<tr>
<td>John de Graft-Johnson</td>
<td>2:40-3:40 (4)</td>
<td>3:45-4:45 (Lincoln)</td>
<td>2:30-3:30 (88)</td>
</tr>
<tr>
<td>Javier De Graft-Johnson</td>
<td>2:40-3:40 (4)</td>
<td>3:45-4:45 (Lincoln)</td>
<td>2:30-3:30 (88)</td>
</tr>
<tr>
<td>NAME</td>
<td>THURSDAY Roundtable time (Table #)</td>
<td>FRIDAY Oral Presentations time (room)</td>
<td>FRIDAY Poster Session time (poster #)</td>
</tr>
<tr>
<td>-----------------------------</td>
<td>------------------------------------</td>
<td>----------------------------------------</td>
<td>----------------------------------------</td>
</tr>
<tr>
<td>Prosper Diala</td>
<td>1:30-2:30 (1)</td>
<td>10:45-11:45 (Knowledge)</td>
<td></td>
</tr>
<tr>
<td>Alexander Dickinson</td>
<td></td>
<td>9:30-10:30 (Excellence)</td>
<td>2:30-3:30 (66)</td>
</tr>
<tr>
<td>Amber Drew</td>
<td></td>
<td>9:30-10:30 (Loyalty)</td>
<td></td>
</tr>
<tr>
<td>Coby Dulitzki</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jonathan Echevers</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Xining Fang</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Felipe Figueroa</td>
<td>1:30-2:30 (2)</td>
<td>3:45-4:45 (Alma)</td>
<td></td>
</tr>
<tr>
<td>Vincent Fiorentino</td>
<td>1:30-2:30 (1)</td>
<td>3:45-4:45 (Illinois Ballroom C)</td>
<td>2:30-3:30 (71)</td>
</tr>
<tr>
<td>Raquel Flecha</td>
<td>2:40-3:40 (14)</td>
<td>5:00-6:00 (Loyalty)</td>
<td></td>
</tr>
<tr>
<td>Israel Flores</td>
<td>2:40-3:40 (14)</td>
<td>5:00-6:00 (Illinois Ballroom B)</td>
<td>1:15-2:15 (23)</td>
</tr>
<tr>
<td>Brian Franklin</td>
<td></td>
<td>3:45-4:45 (Excellence)</td>
<td></td>
</tr>
<tr>
<td>Jayel Gant</td>
<td>2:40-3:40 (16)</td>
<td>5:00-6:00 (Loyalty)</td>
<td></td>
</tr>
<tr>
<td>Bitanya Gebrekristos</td>
<td></td>
<td>10:45-11:45 (Excellence)</td>
<td></td>
</tr>
<tr>
<td>Stephanie Gil</td>
<td></td>
<td>5:00-6:00 (Excellence)</td>
<td></td>
</tr>
<tr>
<td>Michael Godoy</td>
<td>2:40-3:40 (12)</td>
<td>10:45-11:45 (Lincoln)</td>
<td></td>
</tr>
<tr>
<td>Jesann Gonzalez Cruz</td>
<td>2:40-3:40 (15)</td>
<td>10:45-11:45 (Alma)</td>
<td>1:15-2:15 (24)</td>
</tr>
<tr>
<td>Carlos González-Cortés</td>
<td></td>
<td>9:30-10:30 (Innovation)</td>
<td>1:15-2:15 (6)</td>
</tr>
<tr>
<td>Belinda Grant</td>
<td></td>
<td>10:45-11:45 (Illinois Ballroom B)</td>
<td>1:15-2:15 (1)</td>
</tr>
<tr>
<td>Emma Gray</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Marisol Guzman</td>
<td>1:30-2:30 (2)</td>
<td>10:45-11:45 (Innovation)</td>
<td>2:30-3:30 (59)</td>
</tr>
<tr>
<td>Staci Hammer</td>
<td></td>
<td></td>
<td>1:15-2:15 (42)</td>
</tr>
<tr>
<td>Diamond Harris</td>
<td>2:40-3:40 (10)</td>
<td>9:30-10:30 (Knowledge)</td>
<td></td>
</tr>
<tr>
<td>Alexander Harris Jr.</td>
<td>2:40-3:40 (10)</td>
<td>3:45-4:45 (Loyalty)</td>
<td></td>
</tr>
<tr>
<td>John Haug</td>
<td></td>
<td></td>
<td>2:30-3:30 (73)</td>
</tr>
<tr>
<td>Kamau Haymon</td>
<td></td>
<td>9:30-10:30 (Illinois Ballroom C)</td>
<td></td>
</tr>
<tr>
<td>Hilary Hernandez</td>
<td>1:30-2:30 (7)</td>
<td>5:00-6:00 (Illinois Ballroom B)</td>
<td>2:30-3:30 (82)</td>
</tr>
<tr>
<td>Melissa Hernández</td>
<td>2:40-3:40 (15)</td>
<td>9:30-10:30 (Lincoln)</td>
<td></td>
</tr>
<tr>
<td>Denisse Herrera</td>
<td>1:30-2:30 (1)</td>
<td>10:45-11:45 (Loyalty)</td>
<td>1:15-2:15 (46)</td>
</tr>
<tr>
<td>Than Huynh</td>
<td></td>
<td>10:45-11:45 (Loyalty)</td>
<td>1:15-2:15 (18)</td>
</tr>
<tr>
<td>Emily Hynes</td>
<td>2:40-3:40 (16)</td>
<td>5:00-6:00 (Loyalty)</td>
<td></td>
</tr>
<tr>
<td>George Ilenikhena</td>
<td>2:40-3:40 (12)</td>
<td>3:45-4:45 (Illinois Ballroom C)</td>
<td>1:15-2:15 (4)</td>
</tr>
<tr>
<td>Prerana Jaikumar</td>
<td></td>
<td>3:45-4:45 (Excellence)</td>
<td>1:15-2:15 (32)</td>
</tr>
<tr>
<td>Alayna Johnson</td>
<td></td>
<td>9:30-10:30 (Illinois Ballroom B)</td>
<td>1:15-2:15 (20)</td>
</tr>
<tr>
<td>Markera Jones</td>
<td></td>
<td>10:45-11:45 (Alma)</td>
<td>2:30-3:30 (83)</td>
</tr>
<tr>
<td>Kevin Kandambly</td>
<td>1:30-2:30 (8)</td>
<td>5:00-6:00 (Illinois Ballroom C)</td>
<td>1:15-2:15 (35)</td>
</tr>
<tr>
<td>Ema Karakoleva</td>
<td>1:30-2:30 (3)</td>
<td>5:00-6:00 (Lincoln)</td>
<td>1:15-2:15 (2)</td>
</tr>
<tr>
<td>Allison Kelley</td>
<td></td>
<td></td>
<td>1:15-2:15 (16)</td>
</tr>
<tr>
<td>Kayla Kulinski</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NAME</td>
<td>THURSDAY Roundtable time (Table #)</td>
<td>FRIDAY Oral Presentations time (room)</td>
<td>FRIDAY Poster Session time (poster #)</td>
</tr>
<tr>
<td>-------------------------------</td>
<td>-----------------------------------</td>
<td>----------------------------------------</td>
<td>---------------------------------------</td>
</tr>
<tr>
<td>Taylor Lay</td>
<td>1:30-2:30 (8)</td>
<td>3:45-4:45 (Loyalty)</td>
<td>2:30-3:30 (84)</td>
</tr>
<tr>
<td>Charles Lewis IV</td>
<td></td>
<td>3:45-4:45 (Humanities)</td>
<td></td>
</tr>
<tr>
<td>Stephanie Lopez</td>
<td>2:40-3:40 (11)</td>
<td>9:30-10:30 (Innovation)</td>
<td></td>
</tr>
<tr>
<td>Jorge Maldonado</td>
<td></td>
<td>3:45-4:45 (Alma)</td>
<td>1:15-2:15 (19)</td>
</tr>
<tr>
<td>Nishant Maniam</td>
<td></td>
<td>10:45-11:45 (Illinois Ballroom C)</td>
<td>1:15-2:15 (13)</td>
</tr>
<tr>
<td>Russell Manser</td>
<td></td>
<td>9:30-10:30 (Excellence)</td>
<td>1:15-2:15 (17)</td>
</tr>
<tr>
<td>Aaron Mena</td>
<td>1:30-2:30 (4)</td>
<td>3:45-4:45 (Alma)</td>
<td>1:15-2:15 (5)</td>
</tr>
<tr>
<td>Brenda Munguia</td>
<td></td>
<td>10:45-11:45 (Excellence)</td>
<td>1:15-2:15 (29)</td>
</tr>
<tr>
<td>Aditi Munshi</td>
<td>3:45-4:45 (Excellence)</td>
<td>1:15-2:15 (47)</td>
<td></td>
</tr>
<tr>
<td>Sultan Muratov</td>
<td></td>
<td></td>
<td>1:15-2:15 (48)</td>
</tr>
<tr>
<td>Melanie Nernberg</td>
<td>1:30-2:30 (9)</td>
<td>9:30-10:30 (Knowledge)</td>
<td></td>
</tr>
<tr>
<td>Winifred Obanor</td>
<td>2:40-3:40 (11)</td>
<td>3:45-4:45 (Loyalty)</td>
<td>1:15-2:15 (30)</td>
</tr>
<tr>
<td>Jennifer Oderinde</td>
<td>2:40-3:40 (11)</td>
<td>9:30-10:30 (Innovation)</td>
<td></td>
</tr>
<tr>
<td>Raolat Odeyale</td>
<td>1:30-2:30 (6)</td>
<td>9:30-10:30 (Illinois Ballroom C)</td>
<td></td>
</tr>
<tr>
<td>Geraldine Padilla-Sainez</td>
<td></td>
<td></td>
<td>1:15-2:15 (44)</td>
</tr>
<tr>
<td>Jaylen Parks</td>
<td></td>
<td>3:45-4:45 (Illinois Ballroom B)</td>
<td>2:30-3:30 (57)</td>
</tr>
<tr>
<td>Ami Patel</td>
<td></td>
<td>9:30-10:30 (Illinois Ballroom B)</td>
<td>2:30-3:30 (58)</td>
</tr>
<tr>
<td>Kehinde Pedro</td>
<td>2:40-3:40 (12)</td>
<td>5:00-6:00 (Knowledge)</td>
<td></td>
</tr>
<tr>
<td>Nancy Pérez-Flores</td>
<td>1:30-2:30 (7)</td>
<td>10:45-11:45 (Illinois Ballroom B)</td>
<td></td>
</tr>
<tr>
<td>Bryan Perez-Santiago</td>
<td></td>
<td>10:45-11:45 (Illinois Ballroom C)</td>
<td>1:15-2:15 (45)</td>
</tr>
<tr>
<td>Chelsea Peterson</td>
<td>1:30-2:30 (2)</td>
<td>10:45-11:45 (Illinois Ballroom C)</td>
<td>2:30-3:30 (54)</td>
</tr>
<tr>
<td>Janee Phillips</td>
<td></td>
<td>10:45-11:45 (Lincoln)</td>
<td>2:30-3:30 (79)</td>
</tr>
<tr>
<td>Eva Ping</td>
<td></td>
<td></td>
<td>2:30-3:30 (66)</td>
</tr>
<tr>
<td>Raul Platero</td>
<td></td>
<td>3:45-4:45 (Alma)</td>
<td>2:30-3:30 (76)</td>
</tr>
<tr>
<td>Kyle Poe</td>
<td></td>
<td>5:00-6:00 (Innovation)</td>
<td>2:30-3:30 (77)</td>
</tr>
<tr>
<td>Nicole Pontaza</td>
<td>3:45-4:45 (Innovation)</td>
<td>2:30-3:30 (74)</td>
<td></td>
</tr>
<tr>
<td>Carolina Quiles</td>
<td>10:45-11:45 (Loyalty)</td>
<td>2:30-3:30 (65)</td>
<td></td>
</tr>
<tr>
<td>Sierra Raglin</td>
<td>9:30-10:30 (Alma)</td>
<td>2:30-3:30 (69)</td>
<td></td>
</tr>
<tr>
<td>Kristal Raheem</td>
<td>5:00-6:00 (Alma)</td>
<td>1:15-2:15 (22)</td>
<td></td>
</tr>
<tr>
<td>Sara Rat</td>
<td></td>
<td></td>
<td>2:30-3:30 (73)</td>
</tr>
<tr>
<td>Jacob Reed</td>
<td></td>
<td>5:00-6:00 (Illinois Ballroom C)</td>
<td></td>
</tr>
<tr>
<td>Karina Reyes</td>
<td>1:30-2:30 (7)</td>
<td>10:45-11:45 (Illinois Ballroom B)</td>
<td></td>
</tr>
<tr>
<td>Gavin Ridley</td>
<td>1:30-2:30 (2)</td>
<td>10:45-11:45 (Illinois Ballroom C)</td>
<td></td>
</tr>
<tr>
<td>Natalia Rivera</td>
<td>2:40-3:40 (12)</td>
<td>5:00-6:00 (Knowledge)</td>
<td>2:30-3:30 (61)</td>
</tr>
<tr>
<td>Tania Rodriguez</td>
<td>2:40-3:40 (10)</td>
<td>10:45-11:45 (Humanities)</td>
<td>1:15-2:15 (25)</td>
</tr>
<tr>
<td>Roy Rodriguez Carrero</td>
<td>9:30-10:30 (Alma)</td>
<td>2:30-3:30 (80)</td>
<td></td>
</tr>
<tr>
<td>Hector Rosa Lopez</td>
<td>5:00-6:00 (Innovation)</td>
<td>2:30-3:30 (75)</td>
<td></td>
</tr>
<tr>
<td>Janell Ross</td>
<td>3:45-4:45 (Lincoln)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NAME</td>
<td>THURSDAY Roundtable time (Table #)</td>
<td>FRIDAY Oral Presentations time (room)</td>
<td>FRIDAY Poster Session time (poster #)</td>
</tr>
<tr>
<td>-----------------------------</td>
<td>-----------------------------------</td>
<td>--------------------------------------</td>
<td>--------------------------------------</td>
</tr>
<tr>
<td>Yuliana Rowe</td>
<td>1:30-2:30 (4)</td>
<td>9:30-10:30 (Humanities)</td>
<td></td>
</tr>
<tr>
<td>Toni Rufledt</td>
<td>1:30-2:30 (6)</td>
<td>3:45-4:45 (Knowledge)</td>
<td>1:15-2:15 (26)</td>
</tr>
<tr>
<td>Ruben Sanchez-Nieves</td>
<td>9:30-10:30 (Alma)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jonathan Sanders</td>
<td>9:30-10:30 (Humanities)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Melissa Santi</td>
<td>5:00-6:00 (Lincoln)</td>
<td></td>
<td>1:15-2:15 (41)</td>
</tr>
<tr>
<td>Emmanuel Santiago</td>
<td>1:30-2:30 (3)</td>
<td>10:45-11:45 (Knowledge)</td>
<td>1:15-2:15 (39)</td>
</tr>
<tr>
<td>Randy Santiago</td>
<td>1:30-2:30 (5)</td>
<td>9:30-10:30 (Illinois Ballroom C)</td>
<td></td>
</tr>
<tr>
<td>Ryan Shaw</td>
<td>1:30-2:30 (3)</td>
<td>5:00-6:00 (Lincoln)</td>
<td>2:30-3:30 (52)</td>
</tr>
<tr>
<td>Cassandra Smith</td>
<td>9:30-10:30 (Alma)</td>
<td></td>
<td>1:15-2:15 (40)</td>
</tr>
<tr>
<td>Stephanie Soriano</td>
<td>10:45-11:45 (Knowledge)</td>
<td></td>
<td>1:15-2:15 (37)</td>
</tr>
<tr>
<td>Janet Sorrells</td>
<td>9:30-10:30 (Humanities)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Susana Sosa</td>
<td>1:15-2:15 (41)</td>
<td></td>
<td>1:15-2:15 (36)</td>
</tr>
<tr>
<td>Blandon Su</td>
<td>10:45-11:45 (Excellence)</td>
<td></td>
<td>1:15-2:15 (48)</td>
</tr>
<tr>
<td>Madeline Sy</td>
<td>1:30-2:30 (5)</td>
<td>9:30-10:30 (Illinois Ballroom C)</td>
<td>2:30-3:30 (87)</td>
</tr>
<tr>
<td>Jesus Tapia</td>
<td>Lettycia Terrones</td>
<td>2:40-3:40 (16)</td>
<td></td>
</tr>
<tr>
<td>Tamia Tolson</td>
<td>3:45-4:45 (Illinois Ballroom B)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ariam Torres</td>
<td>1:30-2:30 (5)</td>
<td>10:45-11:45 (Alma)</td>
<td></td>
</tr>
<tr>
<td>Ricardo Torres</td>
<td>Mayson Trujillo</td>
<td>1:30-2:30 (9)</td>
<td>1:15-2:15 (8)</td>
</tr>
<tr>
<td>Brianna Tyler</td>
<td>9:30-10:30 (Knowledge)</td>
<td>5:00-6:00 (Loyalty)</td>
<td>2:30-3:30 (85)</td>
</tr>
<tr>
<td>Merci-Pauline Ujeneza</td>
<td>10:45-11:45 (Lincoln)</td>
<td>1:15-2:15 (15)</td>
<td></td>
</tr>
<tr>
<td>Madeleine Uraih</td>
<td>Madeleine Uraih</td>
<td>1:30-2:30 (6)</td>
<td>5:00-6:00 (Excellence)</td>
</tr>
<tr>
<td>Widaliz Vega-Rodriguez</td>
<td>1:30-2:30 (3)</td>
<td>9:30-10:30 (Knowledge)</td>
<td>2:30-3:30 (81)</td>
</tr>
<tr>
<td>Walter James Venerable III</td>
<td>10:45-11:45 (Alma)</td>
<td>1:15-2:15 (28)</td>
<td></td>
</tr>
<tr>
<td>David Villarreal</td>
<td>10:45-11:45 (Innovation)</td>
<td>1:15-2:15 (7)</td>
<td></td>
</tr>
<tr>
<td>Steven Waddell</td>
<td>5:00-6:00 (Illinois Ballroom C)</td>
<td>3:45-4:45 (Lincoln)</td>
<td></td>
</tr>
<tr>
<td>Taylor Walker</td>
<td>10:45-11:45 (Innovation)</td>
<td>1:15-2:15 (10)</td>
<td></td>
</tr>
<tr>
<td>Amy Wang</td>
<td>1:15-2:15 (14)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aaron West</td>
<td>2:40-3:40 (15)</td>
<td>3:45-4:45 (Innovation)</td>
<td></td>
</tr>
<tr>
<td>Luna White</td>
<td>Joshua Williams</td>
<td>1:30-2:30 (5)</td>
<td>3:45-4:45 (Innovation)</td>
</tr>
<tr>
<td>Fan Wu</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Allegra Wyatt</td>
<td>5:00-6:00 (Illinois Ballroom B)</td>
<td>2:30-3:30 (81)</td>
<td>1:15-2:15 (48)</td>
</tr>
<tr>
<td>Ruoyu Zhu</td>
<td>1:15-2:15 (48)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jorge A. Zuñiga Bañuelos</td>
<td>5:00-6:00 (Excellence)</td>
<td>1:15-2:15 (27)</td>
<td></td>
</tr>
</tbody>
</table>