

31st Annual Undergraduate Research, Scholarship and Creative Activities Conference

PRESENTATION LIST

Student Presenter	Team Members	Session/Assignment	Presentation Titles
Arao, Bianca		Agricultural & Environmental Sciences	Influence of Iron Supplementation on Development of Gut Microbiota of Preterm Infants
Arreguin, Molly	Timothy S Gallagher	Agricultural & Environmental Sciences	Identification, Characterization and Implementation of Naturally Occurring Biocontrol Agents To Protect Pruning Wounds from Grapevine Trunk Disease Pathogens
Arteaga, Zaira		Agricultural & Environmental Sciences	The Effects of Upcycled Food On Broiler Weight Gain
Avery, Kylie		Agricultural & Environmental Sciences	Effects of Traffic Noise Exposure on Mate Assortment and Settlement in Breeding Tree Swallows, <i>Tachycineta bicolor</i>
Beelen, Alessandra	Alexis Zavala, Reece Schweibold, Sabrina Denton	Agricultural & Environmental Sciences	Plastic Free Oceans: Addressing Single Use Plastic Consumption in Davis Restaurants
Brafford, Katherine		Agricultural & Environmental Sciences	Potential adaptation of yellow starthistle (<i>Centaurea solstitialis</i>) to serpentine soils
Bucheli, Bella	Angie Ye	Agricultural & Environmental Sciences	Science to Empower: Environmental Justice in Ecuador using the EJ Atlas
Bui, Ashley		Agricultural & Environmental Sciences	Phylogenomic Evaluation of Gigantism in a Model Wolf Spider (<i>Lycosidae</i> , <i>Schizocosa</i>)
Cardenas, Jesus		Agricultural & Environmental Sciences	Screening for <i>Bremia lactuca</i> 's Immunity Suppression Effectors
Celniker, Chloe		Agricultural & Environmental Sciences	Energy Savings by Using Reflective Paint on Exterior Walls at the UC Davis Campus

Cheung, Steven		Agricultural & Environmental Sciences	Examining pathogenicity of <i>Fusarium proliferatum</i> in strawberry in California
Cine, Analí		Agricultural & Environmental Sciences	Effects of cyclic heat stress on yolk lipid peroxidation of Japanese quail (<i>Coturnix coturnix japonica</i>)
Cohen Stillman, Benjamin		Agricultural & Environmental Sciences	Evaluation of <i>Trichoderma asperellum</i> as a potential biocontrol agent of Fusarium wilt in strawberries grown in a chamber environment
Cromwell, Erika	Lauren Cromwell	Agricultural & Environmental Sciences	Group Testing as a Method for Assessing Individual Differences in Ewes
Curran, Colette		Agricultural & Environmental Sciences	Edible and Ecological Playgrounds: Designing a Space that Provides Food for Children and Habitat for Pollinators at a Child Development Center
Dean, Richard		Agricultural & Environmental Sciences	Morphological Changes in the Ileum Due to Excess Ferrous Sulfate or Ferrous Bisglycinate Chelate Supplementation in Suckling Rat Pups
Egan, Nicole		Agricultural & Environmental Sciences	Assessment of Mortality & Behavioral Effects of Salinas Valley Agricultural Run-Off on <i>Daphnia magna</i>
Fan, Yuting		Agricultural & Environmental Sciences	Compositional Analysis of Human Milk Oligosaccharides via Liquid Chromatography
Fang, Zi		Agricultural & Environmental Sciences	Cloning and Expression of Antibacterial Mammalian Milk Peptides in Yeast
Fong, Abraham		Agricultural & Environmental Sciences	Breaking an Impervious Trend, Addition of Rain Gardens on UC Davis Campus: Analyzing Their Effects on Watershed Drainage Volumes
Fong, Bradley	Eileen Dihadja, Adel Haley	Agricultural & Environmental Sciences	Effects of Increasing Iron Doses on Systemic Iron Regulation
Franco-Hernandez, Natalia	Manxia Zhu Papawee Sutthirat	Agricultural & Environmental Sciences	Improving the Time and Cost-Efficiency of the Tobacco Mosaic Virus Enzyme-Linked Immunosorbent Assay (ELISA)

Freeman, Crystani		Agricultural & Environmental Sciences	Low and High Performing Schools in the Sacramento & San Joaquin County Districts
Gann, Dasan		Agricultural & Environmental Sciences	What's Going Down with Lettuce Downy Mildew Effectors? A Large Scale Screen of Bremia Lactucae Effector Proteins
Giang, Xiuhoon		Agricultural & Environmental Sciences	Transient expression of Arabidopsis zDof1.3 in tomato (Solanum lycopersicum L.) seedlings
Guerra, Jennifer		Agricultural & Environmental Sciences	Do environmental variables relate to the fecundity of rock doves?
Gushue, Annalise		Agricultural & Environmental Sciences	Studying G-Protein Signaling Dynamics with a Novel Unimolecular FRET Biosensor
Her, Nancy		Agricultural & Environmental Sciences	Unraveling the Genetic Controls on Strawberry Shelf Life
Hudson, Haley		Agricultural & Environmental Sciences	Variation in Ground Fish Species Responses to Marine Protected Areas
Hulme, Daniel		Agricultural & Environmental Sciences	Effects of Ozone Exposure on Distal Airways in Different Sex Rats During Early Postnatal Lung Development
Ibarra Zea, Marisol		Agricultural & Environmental Sciences	California ground squirrel: boldness and docility prediction in risk-taking
Inouye, Amanda		Agricultural & Environmental Sciences	The use of morphometric analysis to evaluate nutritional status of Delta Smelt (Hypomesus transpacificus) in the Sacramento and San Joaquin River Delta
Jordan, Evan		Agricultural & Environmental Sciences	Can Competition Explain the Paradox of Two California Endemic Annuals?
Kaspersky, Nadia		Agricultural & Environmental Sciences	Simple Fabrication of Robust Colorimetric Sensors Through Chemisorption for Ammonia Gas Detection

Kaveh, Shayan	Serra Perry, Khayana Yearwood	Agricultural & Environmental Sciences	Developing a Reference Sequence Library for Mexican Free-Tailed Bats
Kim, Tyler		Agricultural & Environmental Sciences	A Diet Based on the Dietary Guidelines for Americans (2010) Alters Serum Glycoproteome Profile
Kurr, Emma		Agricultural & Environmental Sciences	Detection and recovery of Shiga toxin-producing E.coli from tail and irrigation water collected from farms in the Salinas Valley
Lam, Carrissa		Agricultural & Environmental Sciences	Using molecular markers to characterize isolates of B. lactucae (Lettuce Downy Mildew)
Lee, Kyle		Agricultural & Environmental Sciences	Development of Fluorescent Marker Lines for Studying Plant Immune Responses to Nematode Infection
LI, BLAKE		Agricultural & Environmental Sciences	Production of Polyol Ester Fatty Acid (PEFA) and Triacylglycerides (TAGs) by Oleaginous Yeasts in Agricultural Hydrolysates and Laboratory Media
Li, Jingyanshan		Agricultural & Environmental Sciences	A Transposable Element Interrupts Gene Regulation and Haustorium Development in the Root Parasitic Plant <i>Triphysaria versicolor</i>
Liu, Joshua		Agricultural & Environmental Sciences	Investigating Social Dominance Hierarchies in Group-Housed Gestating Sows
Loureiro, Sabrina		Agricultural & Environmental Sciences	The Association of Pesticide Regulatory Compliance on Pesticide-Related Illnesses
Machuca, Jazmin		Agricultural & Environmental Sciences	Epigallocatechin-3-gallate (EGCG) modestly enhances the anti-cancer effect of 5-fluorouracil and doxorubicin by inducing apoptosis in multiple cancer cells
Mack, Kal		Agricultural & Environmental Sciences	Determining the Effects of <i>Trichoderma asperellum</i> as Biological Control Agent Against the Development of Charcoal Rot in Strawberry
Marino, Sofia		Agricultural & Environmental Sciences	Fracture and folding at fault tips in the Needles Fault District (UT)

Matsumoto, Brandon		Agricultural & Environmental Sciences	Effects of Basil Growth With Aquaponics Effluent
Millena, RJ		Agricultural & Environmental Sciences	Parental care and the risk of maternally-vectored pathogens: <i>Ammophila</i> transmit Strepsipteran parasites to their young
Mitchell, Kimberly Myra		Agricultural & Environmental Sciences	Impact of Decreased Visibility on Courtship Behavior of the Greater Sage-grouse (<i>Centrocercus urophasianus</i>)
Montgomery, Michael P.		Agricultural & Environmental Sciences	Living in the Glacial Landscape
Morrow, Chelsea		Agricultural & Environmental Sciences	Effect of Prior Forage Experience on the Response to Novel Feed in Dairy Calves
Mukai, Gabriella		Agricultural & Environmental Sciences	Inducible Stress Tolerance in Chinook Salmon, <i>Oncorhynchus tshawytscha</i> , Fry
ONONYE, UNOMA		Agricultural & Environmental Sciences	FACTORS THAT AFFECT MAJOR CHOICES AND RETENTION RATES OF UNDERREPRESENTED GROUPS IN THE COLLEGE OF AGRICULTURAL & ENVIRONMENTAL SCIENCES
Pan, Vincent		Agricultural & Environmental Sciences	Retention of Green Leaves Not Brown Leaves Increases Spring Cynipid Diversity on Valley Oaks
Parel, Sidney		Agricultural & Environmental Sciences	Engineered Silver Silica Nanomaterials in Injured Lungs
Pasion, Aiko		Agricultural & Environmental Sciences	Supplementation of Poultry Feed with California Byproducts
Paterson, Shona	Breanna Xiong, Zachary Skalak, Brenton Cai	Agricultural & Environmental Sciences	Visual Representation of the UC Davis Nitrogen Footprint
Peterson, Allisen		Agricultural & Environmental Sciences	Measuring motivation for forage of beef cattle fed high-concentrate diets using a short-term thwarting test

Powell, Harrison		Agricultural & Environmental Sciences	Characterizing the Transkingdom Fungal Pathogen <i>Fusarium falciforme</i> as a new Pathogen of Cowpeas (<i>Vigna unguiculata</i>) and Potential for Management Using Resistant Cultivars
pumacayo, rosa		Agricultural & Environmental Sciences	Risk and Resilience Factors of Maternal Depression: Economic Hardship and Social Support
Raju, Kajal		Agricultural & Environmental Sciences	Understanding the Landscape of Digital Healthcare: An Analysis of Evolving Patient Preferences and Emerging Consumer Markets for Telemedicine
Reynolds, Trina		Agricultural & Environmental Sciences	Assessment of Growth-Stage-Dependent Sprays of MBI-505 on Rice (<i>Oryza sativa</i>)
Robles, Luisa		Agricultural & Environmental Sciences	Aquaponics Addressing Eutrophication by Limiting Excess Nutrients
Romeo, Sean		Agricultural & Environmental Sciences	Characterization of Prebiotic Utilization by a Novel Adult-Derived Bifidobacterium Strain Library
Schoenfeld, Daniella		Agricultural & Environmental Sciences	Food waste in Davis: A case study
Siddeek, Mohamed Hisham		Agricultural & Environmental Sciences	Changes in CENH3 lead to haploid induction on outcrossing.
Sierra, Rosaura		Agricultural & Environmental Sciences	Assessing Multidisciplinary Approaches to Disease Determinants (draft)
Singh, Christine		Agricultural & Environmental Sciences	Movement of <i>Fusarium oxysporum</i> f. sp. <i>lactucae</i> by Equipment
Skariah, Rohan	Emma Tribble, Emily Tran	Agricultural & Environmental Sciences	Exploring the Effects of a Neglected Area - The UN Sustainable Development Goals in Science Education
Srikantan, Ranjini		Agricultural & Environmental Sciences	A study on the correlation between credit availability and self help groups in regions across India

Stark, Britton		Agricultural & Environmental Sciences	Bioreactor System for the Production of PHA Biopolymer from Hydrolyzed Food Waste
Sugiyama, Yuko		Agricultural & Environmental Sciences	Improving Tomato Fruit Texture by Generating Plants with Double and Triple Knockout/Knockdown of Genes That Encode Cell Wall Modifying Enzymes
Taleno, Gizelle		Agricultural & Environmental Sciences	Evaluating Expression of Virulence Proteins in Transgenic Lines of Lettuce Inoculated with Downy Mildew
Tran, Tristan		Agricultural & Environmental Sciences	The Phylogenetic Footprinting of Gene Promoters Correlating with Parasitic Organ Development in Orobanchaceae
Turpin, Jenna		Agricultural & Environmental Sciences	The Parable of the Passenger Pigeon (<i>Ectopistes migratorius</i>): How Colonizers' Words Killed the World's Largest Bird Population
Urrutia Gonzalez, Andreina		Agricultural & Environmental Sciences	Evaluating the Immune Suppression Ability of Lettuce Downy Mildew Proteins Using a Bacterial Leaf Disk Assay
Vargas, Emily		Agricultural & Environmental Sciences	Effect of Roast and Particle Size on Aqueous and Enzyme-Assisted Extractions of Ground Almonds
Vidal-Espinoza, Paola		Agricultural & Environmental Sciences	Influence of Extreme Environmental Conditions on Survival of Two Lineages of Brown Dog Tick
Wang, Keqing		Agricultural & Environmental Sciences	Alterations in Starch Content under Postharvest Chilling Injury in Tomato (<i>Solanum lycopersicum</i> L.)
Wang, Keyun		Agricultural & Environmental Sciences	Sequence and Expression Characterization of Native Starch Branching Enzymes in Three Potato (<i>Solanum tuberosum</i>) Cultivars
Wielenga, Maaïke		Agricultural & Environmental Sciences	Tracing Plastic Recycling at UC Davis
Wong, Caitlin		Agricultural & Environmental Sciences	Identification of a tomato signaling factor involved in lignin-based resistance to <i>C. campestris</i>

Wu, Angela		Agricultural & Environmental Sciences	Conversion of Almond Hull Hydrolysate to Protein-Rich Material Using Yeast
Wu, Vivian (Yuan)		Agricultural & Environmental Sciences	Factors Limiting Armillaria Growth and Infection of Walnut Plantlets
Zhu, Xianyu	Hebeini Wang	Agricultural & Environmental Sciences	Zinc and Antioxidant Status Following Excess Iron Supplementation of Newborn Rats
Armero, Montserrat		Animal & Veterinary Sciences	Educating Future Veterinarians and Health Care Providers on How to Overcome Language Barriers
Bobritsky, Shoshannah		Animal & Veterinary Sciences	The Impact of Experimenter Familiarity on the Sprague Dawley Rat
Ferrari, Tessa		Animal & Veterinary Sciences	Influence of Fleece Length in Mature Sheep on Thermal Surface Temperature Measurements
Flores, John Amiel		Animal & Veterinary Sciences	Thermal Tolerance and Heat Hardening Ability Between Sexes in <i>Gambusia affinis</i>
Gonzalez, Maria		Animal & Veterinary Sciences	Comparison of In Vitro Platforms Used to Predict the In Vivo Response of the Rumen Microbiome
Hack, Izzie		Animal & Veterinary Sciences	Whole genome sequencing approach identified likely cause for Congenital Stationary Night Blindness in a Tennessee Walking Horse
Juarez, Alexes		Animal & Veterinary Sciences	Using Noninvasive Ultrasonography to Evaluate the Effect of Temperature on Black Abalone, <i>Haliotis cracherodii</i> , Gonad Development
Kang, Sharon	Asal Bastani	Animal & Veterinary Sciences	Developing and Measuring the Effectiveness of an Antibody Screen for Cytomegalovirus Detection in Rhesus Macaques
Kilby, Fiona		Animal & Veterinary Sciences	Pneumoconiosis in Island Foxes (<i>Urocyon littoralis</i>)

Liu, Joshua		Animal & Veterinary Sciences	Investigating Social Dominance Hierarchies in Group-Housed Gestating Sows
Liu, Serene		Animal & Veterinary Sciences	Assessing the relationship between emotional state of dogs and their human handlers – A pilot study
Marotta, Tanya		Animal & Veterinary Sciences	The Effect of Dietary Glycerol on Milk Composition and Yield in Lactating Sows
Martinez, Cynthia		Animal & Veterinary Sciences	Effects of Stress on Testicular Development
Mo, Kevin		Animal & Veterinary Sciences	Cytotoxic Effects of Engineered Nanomaterials on Primary Mouse Tracheal Epithelial Cells
Molina Gil, Ana-Begona		Animal & Veterinary Sciences	Is defensive aggression heritable in <i>Columba livia</i> ?
Poulo, Rachel		Animal & Veterinary Sciences	Investigating Juvenile Idiopathic Epilepsy in Egyptian Arabian Foals
Quan, Melinda		Animal & Veterinary Sciences	Development of an ex vivo rabbit ocular surface model for contact angle and hysteresis
Ramirez, Katherine		Animal & Veterinary Sciences	Using Risk Analysis Modeling to Better Understand the Movement of Virulent Newcastle Disease in Backyard Poultry in Southern California
Tang, Mei-Yun		Animal & Veterinary Sciences	Evaluating neurological damage in a juvenile rat model of acute OP intoxication
Tatu, Utsav	Sri Vaddella	Animal & Veterinary Sciences	Pathogen Inactivation During Anaerobic Digestion of Dairy Manure Under Thermophilic and Mesophilic Conditions
Vanhatalo, Oona		Animal & Veterinary Sciences	Examining The Roles of Macrophages and Vascular Inflammation in Broiler White Striping

Yoon, Micaela		Animal & Veterinary Sciences	Differences in Bone Mineral Density, Bone Area and Volume Between Bilateral Bones
Young, Laura		Animal & Veterinary Sciences	The use of pedigree analysis for the study of color blindness in non-human primates
Ahmad, Sarah		Biological Sciences	The Influence of ECM Structure on Myoblast Proliferation and Differentiation
Ahn, Ye Jin (Jennie)		Biological Sciences	The Role of bHLH032 gene in Tomato Leaf Morphology and Fruit Production
Al Tekreeti, Abdullah		Biological Sciences	Investigating retrograde signaling from the olfactory bulb to the olfactory mucosa in acute Amyloid-beta induced neuroinflammation
Anderson, Lauren		Biological Sciences	Structure-Function Analysis of Rib72A and Rib72B in Tetrahymena Thermophila
Avery, Kylie		Biological Sciences	Effects of Traffic Noise Exposure on Mate Assortment and Settlement in Breeding Tree Swallows, Tachycineta bicolor
Aylard, Dominik		Biological Sciences	Investigating How the Circadian Clock Maintains Genomic Stability in Drosophila melanogaster
Baikie, Brittany		Biological Sciences	Influences of Diet and Probiotic Type on Preterm Infant Gut Microbiome
Baker, Harrison		Biological Sciences	Developing Novel Cellular Therapeutics for Treating Glaucoma
Baker, Nicole		Biological Sciences	The Effects of a Ketogenic Diet on Acetylation in Kidneys
Basu, Priyanka		Biological Sciences	Meta-Learning and Cognitive Flexibility in Task Learning

Bellamkonda, Sriharish		Biological Sciences	Septin Regulation of Autophagy
Berube, Lalaine		Biological Sciences	A Review of Current IgM and IgG Antibody Patterns in Positive Coccidioidomycosis Patients and an Examination of Cross-Reactivity with Histoplasma capsulatum in Immunodiffusion Testing
Beskind, Jessica	Caitlin Wrigh	Biological Sciences	The Effect of Anthropogenic Noise on Provisioning Behavior in Adult Tree Swallows
Bettencourt, Megan		Biological Sciences	Upregulation of Toll-Like Receptors in the Olfactory Epithelium to Defend Against Viral Pathogens
Bindra, Guneet		Biological Sciences	Examining the Changes in Temporal Stability of Explicit and Implicit Learning due to Normal Aging
Block, Maya		Biological Sciences	Aphidicolin Induces Radial Chromosome Formation During One Cell Cycle
Bouladian, Sarkis		Biological Sciences	CRFR Biosensor Engineering
Bountouvas, Aristeia		Biological Sciences	Behavioral Analysis of the Effects of Rostral Ventromedial Medullary Neurokinin-1 Receptor Expressing Neurons on Itch
Brahmbhatt, Neil		Biological Sciences	Identification and Cultivation of Fungal Isolates Associated with the Seagrass, Zostera Marina
Brevnova, Olga		Biological Sciences	Electrographic Phenotypes of Epileptogenesis in a Rodent Model of Temporal Lobe Epilepsy
Brito, Michael		Biological Sciences	She's got to be from out of town: Effects of a poleward range shift of the southern nudibranch Phidiana hiltoni on resident nudibranch species
Brown, Hannah		Biological Sciences	Comparing Integer Linear Programming to SAT-Solving for Hard Problems in Computational and Systems Biology

Butova, Nadejda		Biological Sciences	The Roles of the Proteins Dmc1 and Rad51 in Homologous Recombination
Camero, Destiny		Biological Sciences	Ozone Exposure Changes Expression Patterns in Phase I and Phase II Enzymes in the Lung
Cardenas, Jesus		Biological Sciences	Screening for <i>Bremia lactucae</i> 's Immunity Suppression Effectors
Cenal, Chielsea		Biological Sciences	Elucidating the Functional Behavior of Virgin Beta Cells within Pancreatic Islets
Chau, Kelly		Biological Sciences	Overexpression of Human RNase H1 in mouse B cells Induces R-loop Formation
Chauhan, Navya	Sally K Chestnut	Biological Sciences	CaMKII and PLB Phosphorylation in a Novel GlcNAcylation-Resistant (CaMKII S280A) Mouse
Chen, Hanyu		Biological Sciences	S1928 Phosphorylation is Critical for CaV1.2 Channel Activity Regulation During Angiotensin Signaling
Cheng, Shannon		Biological Sciences	Cross-species Complementation of <i>Arabidopsis thaliana</i> elf3 with <i>Helianthus annuus</i> Homolog Alleles
Chew, Lisl		Biological Sciences	Identification of switchgrass CYP701A genes with roles in primary and specialized terpene metabolism
Condon, Liam		Biological Sciences	Efficacy of Stripping Buffers for Nitrocellulose Membrane Western Blot Reuse
Connolly, Emma		Biological Sciences	Testing Reproducibility of a Maternal Immune Activation Model Through the Assessment of Developmental Neuroanatomy in Offspring
Contreras, Marisol		Biological Sciences	Functional Characterization of Multiple Myeloma GWAS Risk Variants in African American Cell Lines via Scarless CRISPR/Cas9 Genome Editing

Cornejo, Karen		Biological Sciences	Elucidating molecular cues that guide subtype-specific synaptogenesis in the retinal direction selective circuit
Cruz-Gutierrez, Lorena		Biological Sciences	The Role of Inter-sister Recombination when Meiosis is Perturbed in <i>Caenorhabditis elegans</i>
Cui, Michelle		Biological Sciences	MGH3 is not required for sperm nuclei condensation in rice
Dang, An		Biological Sciences	Characterization and Evaluation of Vascular Injury in a Porcine Ischemia-Reperfusion Model
David, Carmen	Sophia Pelletier, Samuel Flohr, Ava Samuels	Biological Sciences	Phenotypic Traits of <i>Plantago lanceolata</i> as Related to Density and Demography
Deck, Samuel		Biological Sciences	From Cancer Biology to Tomato Physiology: Mechanistic Characterization of DDB1-DDA1 Ubiquitin Ligase Complex
Delaney, Emmy		Biological Sciences	Structure Function Analysis of the Lipid-binding Domain of <i>S. Cerevisiae</i> Mdm12p
Deshmukh, Prianka		Biological Sciences	Myelin Figures Under Stress: Complex Morphologies and Dynamic Instabilities
Deshpande, Neena		Biological Sciences	Visual, Proprioceptive, and Biomechanical Influences on Goal Directed Arm Reaching Performance
Do, Jonathan		Biological Sciences	Induction of Nucleohagy: Intra-S-Phase Kinases
Dobson, Angela		Biological Sciences	Neuronal Nod-1 Effects on Cognition and Behavior in Transgenic Mice
Dorflinger, Bryce		Biological Sciences	IL-20R β Expression in the Central Nervous System Contributes to Experimental Autoimmune Encephalomyelitis, a Mouse Model of Multiple Sclerosis

Dyer, Jillian		Biological Sciences	The effects of nitrogen deposition and water availability on germination of exotic and native forbs and grasses in serpentine grasslands
Firoz, Wahed		Biological Sciences	Virgin Beta Cells are Distinct From Senescent Beta Cells Within Mouse Pancreatic Islets
Flores, John Amiel		Biological Sciences	Thermal Tolerance and Heat Hardening Ability Between Sexes in <i>Gambusia affinis</i>
Franco-Hernandez, Natalia		Biological Sciences	Improving the Time and Cost-Efficiency of the Tobacco Mosaic Virus Enzyme-Linked Immunosorbent Assay (ELISA)
Ganesan, Swetha		Biological Sciences	Development of a Standardized Protocol for Brain Slice Registration to the Franklin & Paxinos Brain Atlas
Gann, Dasan		Biological Sciences	What's Going Down with Lettuce Downy Mildew Effectors? A Large Scale Screen of <i>Bremia Lactucae</i> Effector Proteins
Garcia, Philip	Eilis Hegarty	Biological Sciences	Sustainable Real Vegan Cheese Production by Recombinant Casein Expression With <i>Kluyveromyces Lactis</i> to Address Global Dairy Industry Environmental Impact
Gill, Harnoor		Biological Sciences	The Effect of Naturally Occurring Genetic Variations in Incretin Receptors on Glucose Homeostasis
Goldberg, Sarah		Biological Sciences	Investigating Isolation Procedures of Pure Human Secretory Immunoglobulin A from Donor Milk
Gonzales, Joseph		Biological Sciences	The Role of Aurora B Kinase in Replication Stress-Induced Nucleophagy
Gonzalez, Gabriella		Biological Sciences	Collagen Alignment Scales with Skeletal Muscle Passive Stiffness in the Extensor Digitorum Longus from Dystrophic Mice
Gov, Kaitlynn		Biological Sciences	Spatial Organization of Mitochondrial Inner Membrane Subdomains

Guillen, Jaresley		Biological Sciences	Contribution of somatostatin in controlling mature beta cell function
Habibi, Nima		Biological Sciences	Determining the Role of Protein Kinase D in β -AR Signaling
Handy, Madeline		Biological Sciences	Investigating the Microbiome Structure in the Valley Carpenter Bee, <i>Xylocopa varipuncta</i>
Hernandez, Maria		Biological Sciences	Wnt/Planar Cell Polarity Transmembrane Scaffold Vangl Promotes Breast Cancer Cell Migration
Hoffman, Mari		Biological Sciences	Probing Chromosome Entanglements During Meiosis
Horton, Majken		Biological Sciences	Assessing the Fitness Effect of a Color Polymorphism in <i>Drosophila serrata</i>
Hou, Tiange		Biological Sciences	Ibuprofen Treatment Affects Cathepsin L Activity in Mice in a Sex-Specific Manner
Javier, Seanne		Biological Sciences	Determining the Role of the Arap1 Gene in Photoreceptor Survival Through Examination of the Mouse Retina
Jayakrishnan, Devi		Biological Sciences	Optimizing Growth of <i>Pichia pastoris</i> and Isolation of Mpr1 to Improve Migration of Therapeutics Across the Blood Brain Barrier
Jordan, Evan		Biological Sciences	Can Competition Explain the Paradox of Two California Annuals?
Joudi, Houssam		Biological Sciences	Continuous Chest Compressions With Asynchronous Ventilations Increase Cerebral Blood Flow
Juanico, Iris		Biological Sciences	Understanding the role of hsp-3,4 in the positioning of the spindle and sperm contents in <i>C. elegans</i> fertilized meiotic embryos

Kalra, Shilpi		Biological Sciences	The Role of anc-1 in Nuclear Anchorage
Katzman, Zachary		Biological Sciences	The Effects of Wearable Accelerometer Placement on the Magnitude and Timing of Acceleration Peaks
Kaur, Ajuni		Biological Sciences	Errors Associated with Protein Molecular Weight Markers Used in Gel Electrophoresis and Western Blotting
Kawahara, Mackenzie		Biological Sciences	The Recolonization of Microbial Communities on Eelgrass Roots After Bleach Surface Sterilization
Khaira, Jashanpreet	Jacob Lipovac	Biological Sciences	Life Cycle Reversal Potential in Moon Jellyfish
Khan, Hufssa		Biological Sciences	Multiwalled Carbon Nanotube Particles Affect on the Lungs
Kim, Sydney		Biological Sciences	Potential Mitotic Recombination of Botrytis cinerea
Kim, Tyler		Biological Sciences	A Diet Based on the the Dietary Guidelines for Americans (2010) Alters Serum Glycoproteome Profile
Koneru, Manisha		Biological Sciences	The Adaptive Significance of Colour Polymorphism in the Brooding Sea Anemone Epiactis Prolifera
kumar, matangi		Biological Sciences	Characterizing Human Specific Segmental Duplications and its Role in the Evolutionary Expansion of the Human Neocortex
Law, Bryant		Biological Sciences	The Characterization of Defensin Proteins in Myxococcales During Development and Hunting
Lazar, Sabrina		Biological Sciences	Modeling Cancer Induction and Development in Cerebral Organoids

Le, Leann		Biological Sciences	Post-translational modifications prolong autonomous CaMKII δ activation in open conformational state
Le, Thanhmai		Biological Sciences	Secondhand Smoke Mediates Altered Vascular Reactivity
Lederman, Kayleen		Biological Sciences	The Role of Cyclases in Myxococcus xanthus Fruiting Body Development
Lemak, Julia		Biological Sciences	The Three-Dimension Location of Newborn Hippocampal Neurons of Aged and Young Adult Mice
Lieu, Emily	Van Ly	Biological Sciences	Targeted Meiotic Recombination in Arabidopsis thaliana
Lin, Ruona		Biological Sciences	Testing Learning and Pro-Social Motivation in the Ube3a Deletion Rat Model of Angelman Syndrome
Lin, Ryan		Biological Sciences	Fatty acids differentially regulate collagen synthesis and function of in-vitro engineered anterior cruciate ligaments
Liu, Jau-Yi		Biological Sciences	Identify homozygous UBR7 insertion line in Arabidopsis thaliana
Loaiza, Audrey		Biological Sciences	The Role of miR156 in Leaf Development in Legumes
Mahroke, Avina		Biological Sciences	Role of Thermosensitive TRP Channels in Temperature Preference in Mice
Malins, Lisa		Biological Sciences	DNA by da Vinci: A Pipeline to Design Whole-Chromosome Paints
Mandel, Avery		Biological Sciences	Characterization of PKD1 cKO mice

Mastoras, Mira		Biological Sciences	Recovery of ChIP-seq peaks in human-specific segmental duplications
Mathur, Gautam		Biological Sciences	The Effect of Plant Size and Water Availability on the Stomatal Conductance of Four Perennial Grasses in Northern Arizona
McCarthy, John		Biological Sciences	The Role of Hop2 and its Effect on Fertility
McDaniel, Angelica		Biological Sciences	The Role of Septins as a General Cell Stress Sensor in Regulating Cortical Membrane Kinetics
McKee, Liber		Biological Sciences	A Novel (Di)Terpenoid E. coli Production System
Melby, Makenzie		Biological Sciences	Role of WRINKLED1 in Soybean Seed Lipid Biosynthesis
Milkey, Analisa		Biological Sciences	Coral Feeding Shapes Foraging Behavior in Butterflyfishes
Miller, Haleigh		Biological Sciences	Modeling Gene-Tree-Species-Tree Conflict with Migration Using Continuous-Time Markov Chains
Minsky, Hana		Biological Sciences	Elucidating the Anti-fungal Effects of Maize Dolabralexins
Moezpoor, Michael		Biological Sciences	Msh4 SUMOylation Regulates Meiotic Crossing Over
Moghaddam, Marjan		Biological Sciences	Protein modification by the small ubiquitin-like modifier, SUMO, Promotes Chromosome Crossing Over by Targeting the Msh4
Morales Salazar, Jennifer		Biological Sciences	Total Protein Stain Western Blotting Ponceau vs. Fast Green

Moran, Cliff		Biological Sciences	Role of the Adhesion Molecule, Fasciclin II, in Development of the Drosophila Neuromuscular Junction Synapse
Murray, Naomi		Biological Sciences	Seasonal variation in severity of eelgrass wasting disease: implications for plant-herbivore interactions
Navar, Evelyn		Biological Sciences	Investigating the Changes of Nrf2 Expression Through DNA Affinity Immunoblotting
Navarrete Vargas, Andrea		Biological Sciences	TRPM8 activity is necessary for motor neuron survival in Xenopus laevis embryos raised at cold temperature
Nemer, Adele	Cherise Calico Lewis	Biological Sciences	Modeling Algae Productivity for Use in Outer Space
Ng, Adrianna		Biological Sciences	Effects of After-Ripening Length and Storage Temperature on Germination in California Jewelflowers
Ngo, Taylor		Biological Sciences	CRISPR Genome Editing Suppresses VEGFa Protein Production
Nguyen, Amanda		Biological Sciences	Electrophysiological evidence for the expression of the Neurokinin-1 Receptor in RVM ON Cells
Nguyen, Tina		Biological Sciences	Investigating the Interactive Effects of Diet and Temperature on Omnivorous Temperate Fish
Obra, Jed Keenan		Biological Sciences	The Role of Collagen Composition and Lateral Force Transmission with Aging
Pan, Vincent		Biological Sciences	Retention of Green Leaves Not Brown Leaves Increases Spring Cynipid Diversity on Valley Oaks
Pastor, Lorena		Biological Sciences	Effect of β -Estradiol on Endothelial Cell Function

Peralta, Sawyer		Biological Sciences	Shortened Protein Synthetic Response to Acute Eccentric Resistance Exercise in Soleus Muscle of Old Rats
Polhac, Diana		Biological Sciences	Effect of Hearing Loss on the Auditory Cortex of the Rhesus Macaque
Prabhu, Preeti		Biological Sciences	The Role of Oligodendroglial HMGB1 in Demyelinating Disorder
Rahnama, Lily		Biological Sciences	Optimizing Sterile Isolation of Exosomes from Cultured Cells For Alzheimer's Disease Research
Rankin, Annabelle		Biological Sciences	Fight Club on The Lek: Understanding patterns of male-male aggression in Greater Sage Grouse (<i>Centrocercus urophasianus</i>)
Rasmussen, Alycia		Biological Sciences	Variation in Plant Defense Compounds in <i>Arabidopsis thaliana</i>
Reynolds, Dawn		Biological Sciences	Body Size Evolution in Hawaiian <i>Drosophilidae</i>
Reynoso, Aranza		Biological Sciences	Investigating the Role of NRAMP1 Mediated Metal Starvation in Neutrophils During Infection by <i>Salmonella Typhimurium</i>
Rezaei, Mahssa		Biological Sciences	Characterization of the BRCA2 Tumor Suppressor Binding Partners, PALB2 and EMSY, in Regulating BRCA2 Multimerization
Rezaian, Bitu		Biological Sciences	Sensory Motor Gating in Rats Developed to Model Alexander Disease
Rivkin, Miriam	Catherine Nugent	Biological Sciences	Exploring the Relative Contributions of DNA Topology and Sequence on R-Loop Formation
Roberts, Elizabeth		Biological Sciences	Differential Activity of Enhancers Regulating Human-Specific Duplicated Gene Families

Rodriguez, Citlali		Biological Sciences	A new approach for detection of pathogens in shellfish growing waters
Salazar, Natalie	Julia Huang	Biological Sciences	Using CRISPR Interference to Understand the Roles of Novel Giardia Kinesins
Saluna, Andrew		Biological Sciences	Atlas of spatial-temporal starch-to-sugar dynamics in potato plants (<i>Solanum tuberosum</i> L.) from in vitro to in vivo
Sanderson, Arkady		Biological Sciences	Structural Conformations of Rice Dwarf Virus During Gene Transcription Resolved by cryo-EM Tomography
Sastry, Savita		Biological Sciences	Improved Differentiation of Bifidobacterium Communities Using groEL Primers
Shahrkini, Tara		Biological Sciences	Function and regulation of <i>C. elegans</i> BRC-1-BRD-1 E3 ubiquitin ligase activity
Shane, Emily		Biological Sciences	Nitrogen Concentration and Source Impact on Hormones and Development in <i>Arabidopsis thaliana</i>
Sheridan, Sarah		Biological Sciences	Using Opioid Receptor Heterodimers to Combat Opiate Addiction
Silva, Brennan		Biological Sciences	Hypocotyl Elongation under Varying Light Qualities in <i>Helianthus annuus</i> - Brennan Silva
Simpson, Lila		Biological Sciences	A Tuft Time to be Alive: Abiotic Factors Affect Tuft Size in the Context of Climate Change
Sin, Tzu-Ni		Biological Sciences	Disruption of VEGFa gene with CRISPR Genome-Editing as Potential Treatment for Neovascular Age-related Macular Degeneration (nAMD)
Sinha, Vrishti		Biological Sciences	DNA Double Stranded Break Assay using Terminal Transferase and Biotin-dUTP (TdT-DSB)

Slivinsky, Mitchell		Biological Sciences	Creation of an <i>A. thaliana</i> septuple mutant to investigate circadian clock control by a family of Myb-like transcription factors
Smith, Katie		Biological Sciences	Maternal Condition and Differential Offspring Sex Allocation
Smith, Tayler		Biological Sciences	The Effects of Methyl Sulfonyl Methane on Knee Laxity Throughout the Menstrual Cycle
Som, Vanessa		Biological Sciences	Effect of Rdh54 on Crossover/Non-Crossover Outcomes in Mitotic Recombination in <i>Saccharomyces cerevisiae</i>
Song, Wenqi		Biological Sciences	Identification of Morphologically Similar Insect Pests via CRISPR-Cas12a-dependent Diagnostic
Soto, Christopher		Biological Sciences	Essential role of Breast Cancer Susceptibility Gene, BRCA2, during entire meiotic prophase
Sridharan, Samvardhini		Biological Sciences	Topological Statistics in Genome Analysis
Stickels, Michael		Biological Sciences	Investigating BRCA2's Role in Crossover Regulation in Mouse Spermatocytes
Stroeve, Jodie		Biological Sciences	Contributions of Somatostatin-Expressing Cells to Glycemia
Takashima, Yoko		Biological Sciences	Evolution of Sex Cells in <i>Drosophila</i> Accessory Glands
Taleno, Gizelle		Biological Sciences	Evaluating Expression of Virulence Proteins in Transgenic Lines of Lettuce Inoculated with Downy Mildew
Tarplee, Kinsey		Biological Sciences	Conjugational Methods for Hepatitis E Virus Nanoparticles and applications in 3D cell culture

Thai, Khanh	Jorge Del Pozo	Biological Sciences	Antibodies Mediated Depletion of Specific T Cells Population in Animal Model of Primary Biliary Cholangitis
Trinh, Pauline		Biological Sciences	The Downregulation of mRNAs due to DNA Methylation: A Biomarker for Pancreatic Cancer
Truax, Kevin		Biological Sciences	Associations Between PCSK9, Lp(a) Level, and Apo(a) Size Polymorphism in African-Americans and Caucasians
Tsai, Travis		Biological Sciences	The Role of Recombination-Associated DNA Synthesis During Meiosis
Tu, Lien		Biological Sciences	A Potential Alternative to Castration in Eliminating Boar Taint
Tucker, Benjamin		Biological Sciences	LARP6 Expression and Type I Collagen Levels in Muscle and Fibroblast Cells
Tuermer-Lee, Kaelyn		Biological Sciences	Effect of Resistance Exercise on Muscle Collagen Transcription
Urrutia Gonzalez, Andreina		Biological Sciences	Evaluating the Immune Suppression Ability of Lettuce Downy Mildew Proteins Using a Bacterial Leaf Disk Assay
Valluri, Neha		Biological Sciences	The Impact of Nutrient Limitation on the Suppression of Micronuclei Formation by Nucleophagy
van Schoor, Tess		Biological Sciences	Dietary Effects on Larval Development of Aedes aegypti
Velasco, Kasi		Biological Sciences	The Effect of BPC 157 on Ligament Healing
Vetter, Lara		Biological Sciences	RXR Agonists Potentiate Thyroid Hormone Action in the Lower Jaw of Xenopus Tadpoles

Vyas, Rutu		Biological Sciences	The Effect of Temperature on Haploid Induction Rate
Wais, Nejma		Biological Sciences	Lipotoxic Injury Differentially Regulates Brain Microvascular Gene Expression in Male Mice
Wei, David	Taylor Wolfe	Biological Sciences	AAV9-mediated replacement of choline acetyltransferase gene deficiency in mice
Wijesinghe, Shehan	Jean Sabety	Biological Sciences	Screening the Regulatory Domains of Transcription Factors
Wu, Yanying	Sonia Mehmi	Biological Sciences	Comparative Analysis of Retinal Visualization Methods of a Mouse Model of Diabetic Retinopathy
Yan, Andy		Biological Sciences	Producing and Characterizing SMAD4-GFP Reporter For BMP Signaling Dynamics
Yee Litt, Danielle		Biological Sciences	An Investigation into Writing in Biology
Zheng, Candice		Biological Sciences	Assessing the ovipositional deterrence of DEET and methyl salicylate on Culex quinquefasciatus
Zhu, Jiyuan		Biological Sciences	Using Animal Models to Learn About Neurodevelopmental and Psychiatric Disorders – Some Experimental Approaches
Adams, Alexandria		Chemistry & Biochemistry	Unsymmetrical Bipyridine Coordination in Three-coordinate Gold(I) Complexes
Allison, Tara		Chemistry & Biochemistry	Structural and Functional Analysis of Mutant β -Glucosidase B Variants from Paenibacillus polymyxa: G153A, E406Q, & D121F
Antoine-Goeas, Xavier	Limn vuong tra, Muhammad Sulman, Angela Thien Huong	Chemistry & Biochemistry	Using Laboratory Observation Protocol to Analyze Teaching Practices in Chemistry Laboratories

Bouladian, Sarkis		Chemistry & Biochemistry	CRFR Biosensor Engineering
Bower, Caleb		Chemistry & Biochemistry	NADPH Oxidase: Structural and Mechanistic Analysis and Complex Formation
Bright, Madeline		Chemistry & Biochemistry	Synthesis and Duplex Stability of N2-Alkyl 8-Oxo-2'-deoxyguanosine Oligonucleotides for use as Substrate Analogs for DNA Repair Protein MutY
Chang, Vincent		Chemistry & Biochemistry	Site-Specific O-Glycoproteomic Analysis of Human Serum Glycoproteins Enhanced by Solid-Phase Enrichment for Improved Disease Biomarker Discovery
Chao, Jessica		Chemistry & Biochemistry	Understanding the Role of Starch Structure on its Function as a Dietary Fiber
Chen, Ting Chia		Chemistry & Biochemistry	The Use of Stealth Peptide to Minimize Non-specific Binding of Target Protein During One Bead One Compound Combinatorial Library Screening
Chen, Ye		Chemistry & Biochemistry	Carbohydrate Characterization in Traditional Chinese Medicine Using Rapid High-Throughput Mass Spectrometry-Based Methods
Dang, Nhu		Chemistry & Biochemistry	Study of Copper Gallium Selenide Photocatalyst Using Surface Photovoltage Spectroscopy
Egan, Nicole		Chemistry & Biochemistry	Assessment of Mortality & Behavioral Effects of Salinas Valley Agricultural Run-Off on <i>Daphnia magna</i>
Goradia, Kanaan	Marwaha, Radhika	Chemistry & Biochemistry	Integrating Sustainability Oriented Socio-scientific Issues into General Chemistry Curriculum: Examining Changes in Students' Perception of Science Relevancy and their Career Aspirations
Guzman, Chrystal		Chemistry & Biochemistry	Formation of Secondary Organic Aerosols through the Aqueous Oxidation of Phenols
Ha, Macy		Chemistry & Biochemistry	Purification and X-Ray Crystallography of the Mycobacterium Tuberculosis (Mtb) bifunctional CGL/CGS enzyme MetB

Hamera, Katherine		Chemistry & Biochemistry	Analyzing the Outcomes of Computer Supported Grading Versus Traditional Paper-Based Grading
Havener, Nicolas		Chemistry & Biochemistry	An Effort Towards the Synthesis of Bisavenanthramide B-1
Hillaire, Adam		Chemistry & Biochemistry	Synthesis of Bioluminescent Probes for Metal Imaging In Vivo
Hodges, Brett		Chemistry & Biochemistry	Determining the Width of the Space Charge Region in Strontium Titanate Particle Films Using Surface Photovoltage Spectroscopy
Huie, Emily	Anish Wadhwa, Efrain Vasquez Santos, Risa Uday Sathe	Chemistry & Biochemistry	Taking X-Rays of Students' Knowledge Structures with More Advance Instruments: An Examination of Chemistry Students' Concept Maps
Ibrahim, Rania		Chemistry & Biochemistry	Design of a Kv1.3 Channel Construct for Biotin-based Proximity Labeling of Novel Interacting Partners
Jaime, Sarai	Mira Milic	Chemistry & Biochemistry	Chiral Organosilicon Compounds as Novel Catalysts and Ligands
Johnson, Adelia		Chemistry & Biochemistry	New Constraints on Magmatic Architecture of the Oruanui Super Eruption
Kathi, Harikumara		Chemistry & Biochemistry	Effectiveness of Etravirine and Sunitinib-based therapy for cell lines resistant to ER stress
Kehl, Alexander		Chemistry & Biochemistry	Comparing the Thermodynamic and Kinetic Properties of Interspecies β -Glucosidase Enzymes
Krueger, Miranda		Chemistry & Biochemistry	Multi-omics studies on high fat diet-induced obese mice brain unveils altered N-glycosylation
Lee, Conan		Chemistry & Biochemistry	Improving Isobutyl Acetate Production and Tolerance in E. coli

Lee, Hannah	Devon J. Flood	Chemistry & Biochemistry	Investigating the Effects of the Western Diet on Metal Regulation in the Pathogenesis of Liver Disease
Lowe, Christopher		Chemistry & Biochemistry	Coordination of W and Au Complexes
Lu, Shannon		Chemistry & Biochemistry	qPCR Analysis of mRNA Transcript Levels of HuH-7 Cells Using Chemically Modified Anti-miR122
Lundgren, Nicholas		Chemistry & Biochemistry	The Effects of Germanium Concentration on the Thermal Conductivity of Amorphous Silicon
Luo, Michelle		Chemistry & Biochemistry	DNA-Editing in DNA/RNA Hybrids by Fusion Proteins of Adenosine Deaminases that Act on RNA
Maldonado, Kimberly		Chemistry & Biochemistry	RNA Editing Enzyme Study Reveals Vital Hydrogen Bond Linkage Between Active Site and Inositol Cofactor
Mann, Harjeet	Sukhdev Mann	Chemistry & Biochemistry	Problem Construction General Chemistry
Marquez, Jonathan		Chemistry & Biochemistry	Biochemical Analysis of ADAR 1 Mutant to Characterize Potential Dimerization Events in ADAR1
Mboning, Lajoyce		Chemistry & Biochemistry	Synthesis, Characterization and Optimization of Gold-Coated Magnetic Nanoparticles
McNamara, Lauren		Chemistry & Biochemistry	Synthesis of Binuclear Gold (I) Diphosphine Macrocycles Using Various Non-Coordinating Polyatomic Anions
Mohammed, Abdulsamad		Chemistry & Biochemistry	Structural Determination of a Bacterial Cell-Division Protein using X- Ray Crystallography
Morey, Merissa		Chemistry & Biochemistry	Influence of N-donor ligands on the geometry of six-coordinate ruthenium (II) complexes

Neil, Ryan		Chemistry & Biochemistry	Elucidating the Cu(II) Binding and Thermodynamics on Proinsulin C-peptide
Nguyen, Eric		Chemistry & Biochemistry	Defining the Interaction Between the Unconventional Cell Cycle Inhibitor, Cyclin G2, Protein Phosphatase 2A and β -catenin in Brain Tissues and Post-mitotic Neurons
Noro Frizzo, Henrique		Chemistry & Biochemistry	Design to Data for mutants of β -glucosidase B from <i>Paenibacillus polymyxa</i> : T36N, D150N, N245D, F397Y, and K413Q
Ornelas, Izaiah		Chemistry & Biochemistry	Production of Glucosinolate-Derived Defense Compounds in <i>Nicotiana benthamiana</i>
Pal, Shawlene		Chemistry & Biochemistry	Nuclear Science & Other Hot Stuff: Using Concept Maps to Assess Student Growth by Shawlene Pal
Pignolet, Roxanna		Chemistry & Biochemistry	Optimizing Engineering of Glucoraphanin in <i>N. benthamiana</i> through co-expression analysis
Ramer, Victoria		Chemistry & Biochemistry	Generation of a smooth muscle specific cAMP reporter mouse
Sandoval, Jose		Chemistry & Biochemistry	Piperazine compounds as novel mTORC1 inhibitors that reduce cell viability in Glioblastoma stem cells
Shang, Rongqing		Chemistry & Biochemistry	Improvement of p-type Thermoelectric Material (Ca, Yb) ₃ AlSb ₃ Through Elemental Substitution
Sharma, Vibha		Chemistry & Biochemistry	Exploring the Effects of Nutritional Deficiency on the Extracellular Liver Metalloproteome
Skariah, Rohan		Chemistry & Biochemistry	Exploring the Effects of a Neglected Area - The UN Sustainable Development Goals in Science Education
Soland, Nathan		Chemistry & Biochemistry	Investigating Ferroelectric Properties of Rhodium-doped Strontium Titanate Using Surface Photovoltage Spectroscopy

Tang, Teresa		Chemistry & Biochemistry	NMR Quantification of Halogen-Bonding Ability to Evaluate Catalyst Activity
Tellez Chavez, Magda	Maddison Thompson	Chemistry & Biochemistry	Quantifying Hydrogen-Bond Accepting Ability of Organic Molecules Using ¹⁹ F and ³¹ P NMR Spectroscopy
To, Thomas		Chemistry & Biochemistry	Analysis of Beta-glucosidase B (BglB) Point Mutations for Thermal Stability and Catalytic Efficiency
Tseng, Emily		Chemistry & Biochemistry	Optimizing Synthesis of Germanium Nanoparticles
Vijay, Deepak		Chemistry & Biochemistry	Testing Efficacy of 12O – a Self-deliverable Autophagy Inhibitor – as a Novel Pancreatic Cancer Treatment
Weidner, Julia		Chemistry & Biochemistry	Optimizing Redox Flow Battery Analyte for Improved Renewable Energy Storage
Win, Max		Chemistry & Biochemistry	Investigating Na-ion Intercalation in Amorphous Ge-Se Systems
Zaragoza, Maria		Chemistry & Biochemistry	Respiratory Complex I activity in the presence of LYRM2 and rabies virus phosphoprotein P
Abe, Kaitlyn		Chemistry & Biochemistry	Kinetic Characterization of Succinate Dehydrogenase in Plants
Anagnostou, George		Economics, Management & Policy	PG&E and Wildfires: Investigating Wildfire Seasonality and Risk Internalization
Banh, Katelyn		Economics, Management & Policy	The Effect and Implications of Streaming Services on Theatrical Box Office and Consumer Behavior
Boyle, Elise		Economics, Management & Policy	Analysis of Female Labor in Qatar

Fenton, Mikaela		Economics, Management & Policy	Models of Workforce Affordable Housing Over Time
Ke, Ruyi	Ruohan Chen	Economics, Management & Policy	The Trade War
Lu, Stephanie		Economics, Management & Policy	Income Inequality and Household Leverage
Sein, Ashton		Economics, Management & Policy	Returns to Education for Migrant Workers in China
Yu, Jenny		Economics, Management & Policy	Improving US-China Trade Relations
Afaq, Muhammad		Engineering	Investigating Transcranial Electric Stimulation on Rodent Brains through Computer Modelling
Caballero, Reza		Engineering	Identifying Zyxin Proximal Proteins during Mitosis by Proximal Biotinylation
Chen, Yiting		Engineering	Examining the role of calcium oscillations in eosinophil phagocytosis
Chen, Yu-Shih	Shekdar, Soumil and Sun, Guoqin	Engineering	Effect of Eye and Eyebrow Information on Emotion Recognition
Cohoon, Cordell	Balram Kandoria, Ashir Bhalla-Levine	Engineering	Development of a Novel Propulsive Lunar Mobility and Gravity Emulating Platform
Dutta, Rohan	Christine Mitroff, Andre Bojikian, Aashay Vartak	Engineering	Single Axis Rotation Testing to Determine Camera Performance Thresholds for UC Davis' CubeSat Mission
El Srouji, Luis		Engineering	Neuromorphic Computing for Real-Time Audio Separation

Elahi, Shazib	Austin Oo, Miyako TsujiKawa, Raul Duarte	Engineering	Development of Low-Cost Photodiode Sun Sensors for CubeSat Attitude Determination
Florman, Audrey		Engineering	Rice Husk Ash: an Alternative to Cement
Gurfield, Konane		Engineering	Effect of Anaerobic Composter Systems on the Degradation of Plastic in Food Packaging
Hadrick, Kay		Engineering	Analysis of the Role of Antibody Surface Density in Neutrophil Phagocytosis
Hamade, Rafic	Timothee Galmiche, Dzuy Nguyen, Zachary Price	Engineering	Development of Low-Cost and Reliable Reaction Wheel for CubeSat Attitude Control
Hipolito, Christopher	Matthew Pena, Milena Tuimavave, Blade Baxter	Engineering	Iterative Design and Analysis of Standardized CubeSat Structure
Hopp, Christopher		Engineering	Design of a Liquid Argon Purity Monitor
Huapaya-Renbarger, Midori		Engineering	Using a Body-Ownership Illusion to Reduce Pediatric Needle Pain
Janibek, Nursultan		Engineering	OD Modeling: An Alternative Method of Predicting Blood Flow Inside the Liver
Jiang, Daniel		Engineering	Monte Carlo Simulations of Magnetic Ordering in Square Artificial Spin Ice
Katzman, Zachary		Engineering	The Effects of Wearable Accelerometer Placement on the Magnitude and Timing of Acceleration Peaks
Kutney, Serena		Engineering	Increasing the Yield of Valuable Coproducts for Microalgae Cultivated on Anaerobically Digested Food Waste Permeate Supplemented with Salt

Leutenegger, Remy		Engineering	Effect of Heat Treatment Under Stress on the Properties of NiTi Shape Memory Alloys
Linjawi, Hamad		Engineering	Modulating the Metabolism of Cell Free Protein Synthesis Systems to Increase Yield
Lopez, Alexandro		Engineering	Effects of Drug Powder Composition on Dry Powder Insufflation Device Delivery
Momjian, Sevag		Engineering	Dopant Addition Increases Sintering Favorability in Magnesium Aluminate Spinel
Morrison, Joseph		Engineering	The Effects of Spinal Cord Injuries on Center of Pressure in Rats
Mysore, Maya	David Duronslet, Wangeci (Christine) Gichigi, Yuqian Zhao	Engineering	Development of a Hydrogel Bioreactor for Cost-Effective Extraction of BChE from Transgenic Rice Cells
Nagella, Sachit		Engineering	Anomalous Trends in Nucleic-Acid Based Electrochemical Biosensors with Nanoporous Gold Electrodes
Navarro, Gloria		Engineering	Vertical Thrust Stand for Hot-fire Testing Mid-power Hybrid Rocket Motors
Palanisamy, Barath		Engineering	In-Plane Molecular Transport in Nanoporous Gold Thin Films
Pascual, Pedy Louie	Brandon Alba, Dan Austin Fernandez, Eric Mai	Engineering	Environmental and Performance Testing of Hard Disk Drives as Low-Cost CubeSat Reaction Wheels
Patnaik, Ayush	Alayna Guyser, Natasha Evans, Graham Bough	Engineering	Development of Flight Software and Analysis Tools for CubeSat Attitude Determination and Control Systems
Pham, Dina		Engineering	A Novel Three-dimensional Mechanical Actuator for Artificial Hearts

Phillips, Dominic		Engineering	Finite Element Modelling of Heat Conductivity for 2D Voronoi-Based Cellular Structures
Powell, Alyssa		Engineering	Assessment of Various Extracellular Vesicle Isolation Methods Through Chemical Analysis with Surface-Enhanced Raman Spectroscopy
Rillamas, Cassandra	Trevor Ottoson, Zoe Wilf, Chris Andrade	Engineering	Mathematical Modeling, Automated Manufacturing, and Verification Testing of Low Cost Magnetorquers for 3 Axis Control for UC Davis CubeSat Mission
Sachdeva, Rithik		Engineering	The Ethical Dilemma of Smart Transportation
Tang, Jessica		Engineering	A Novel Human-Machine Interface Using Nonlinear Synchronization
Teng, Lay Heng		Engineering	Comparing Neutrophil Spreading on Different Types of Pathogen Surfaces
Tenorio, Alejandro		Engineering	A Comparison of Different Alginate-Based Bioinks for the 3D Bioprinting of Patient-Specific Bone Grafts
Terao, Ariel		Engineering	Designing Novel Actuators that Alter Model Shape and Create a Dynamic System
Varma, Anika		Engineering	Bioprinting Transgenic Plant Cells for Production of Recombinant Butyrylcholinesterase, a Bioscavenger
Vigneswaran, Angani		Engineering	Effects of Ultraviolet Aging on the Mechanical Properties of Polylactic Acid
Wang, Xingbo		Engineering	Improved Strength and Mechanical Properties Related to Microstructure of Carbon Fiber Reinforced Polymer(CFRP) Composites
Zhong, Princeton		Engineering	Low-Cost Protocols for Microfluidic Chip Prototyping

Alam, Christopher		Ethnic & Cultural Studies	URC Presentation an Analysis of the Term Kurd in the New York Times 1900-1909 FINAL #JosephLABNYTIMES2020
Andrews, Chara		Ethnic & Cultural Studies	Discourse Surrounding Black & Mixed-race Women's Hair
Bonnell, Janae		Ethnic & Cultural Studies	Disparities in Cancer Incidence and Mortality on Native American Reservations
Boyatt, Brenden		Ethnic & Cultural Studies	You Are Not Your Country: Identity and Community in the Time of the Nation-State
Halabi, Noor	Layla Mustafa	Ethnic & Cultural Studies	The Portrayal of the Veil #josephLABNYTIMES2020
Juarez, Nancy		Ethnic & Cultural Studies	A 20TH CENTURY VIEW OF SYRIA: Via the glass stained lens of Ecumenical Missionaries, an analysis of the Term "Syria" in The New York Times (1900-1909) #JosephLABNYTIMES2020
Lenoir, Anastasie		Ethnic & Cultural Studies	2018 Migrant Caravan
Quero, Stephanie		Ethnic & Cultural Studies	Youth In Debt and In Jail
Rocha, Ivan		Ethnic & Cultural Studies	Using Narrative Interviews to Understand Chicana/o Studies Courses' Psychological Impact on Students
Shreedar, Priyanka	Jordan Crowley, Annie Wang, Bineeta Baral	Ethnic & Cultural Studies	Gurase Bhume Aama Samuha Museum Oral History Project
Shupp, Sabrina		Ethnic & Cultural Studies	The Middle East and North Africa in U.S. Media Representations: An Analysis of the Term "Mohammedan" in the New York Times (1900-1909) #JosephLABNYTIMES2020
Slovinsky, Kevin		Ethnic & Cultural Studies	The Relationship Between Issues of Race and Labor in America from 1830-1892

Vargas, David		Ethnic & Cultural Studies	Deconstruction of the Admission Process in Higher Education: a Holistic Examination from a Hispanic Serving Institution (HSI) Perspective
Barron, Susana		Humanities, Arts & Design	Atomic No. 17: Downplaying the Insidious Effects of Chlorine-Bleach-Containing Products in the Cleaning Industry
Curran, Colette		Humanities, Arts & Design	Edible and Ecological Playgrounds: Designing a Space that Provides Food for Children and Habitat for Pollinators at a Child Development Center
Dusanapudi, Teja		Humanities, Arts & Design	Infinite Harmonies: Wallace Stevens and Ecological Preservation
Frausto, Lauren		Humanities, Arts & Design	The Intersection of Science & Poetry: Poets & Their Use of STEM Allusions
Kagawa, Kelly		Humanities, Arts & Design	On the Cross-Linguistic Portrayal of Suffering: Martyrs, Chronic Illness, Disability and Masculinity in French and English
Kikut, Adeline		Humanities, Arts & Design	The Individual's Influence on Collective Action and Climate Change: Exploring Intentionality, Temporality, and Fertility in Karen Tei Yamashita's Through the Arc of the Rainforest
Lacuesta, Jacob		Humanities, Arts & Design	Blind Eye Trailer
LaGrandeur, Aimee		Humanities, Arts & Design	LaGrandeur, Aimee
Montgomery, Michael P.		Humanities, Arts & Design	Living in the Glacial Landscape
Munoz Lule, Yaneli		Humanities, Arts & Design	Análisis sobre las perspectivas entre los migrantes centroamericanos, México, y los Estados Unidos de la caravana del 2018
Munoz Lule, Yazmin		Humanities, Arts & Design	Central American Migration Through Mexico: Struggles, Risks, Needs & Difficulties

Raman, Kausalya		Humanities, Arts & Design	Resea: Using Design to Make Research Papers Accessible
Reeve, Megan		Humanities, Arts & Design	"A Man May Do Both": Truth and Testimony in the Lord of the Rings and Harry Potter
Rose Ledesma, Noah		Humanities, Arts & Design	Lies and Language: Understanding how context can improve the automated early detection of fake news.
Slovinsky, Kevin		Humanities, Arts & Design	The Relationship Between Issues of Race and Labor in America from 1830-1892
Sutandi, Vania		Humanities, Arts & Design	Shoes that Last: a Sustainable Approach to Growing
Wang, Annie	Jolee Nierbeding-Swanberg	Humanities, Arts & Design	Human-Centered Design for Sustainable Menstrual Hygiene
Xu, Julie		Humanities, Arts & Design	Sustainability in the Boba Industry
Brown, Hannah		Math, Statistics & Physical Sciences	Comparing Integer Linear Programming to SAT-Solving for Hard Problems in Computational and Systems Biology
Gregory, Mack		Math, Statistics & Physical Sciences	Improving the Efficiency and Accuracy of Hybrid Finite Element / Particle-In-Cell Methods for Modeling Geologic Processes in the Earth's Interior
Hopp, Christopher		Math, Statistics & Physical Sciences	Design of a Liquid Argon Purity Monitor
Krishnachandran, Aravind		Math, Statistics & Physical Sciences	Optimization of the Bethe-Hessian Tuning Parameter
Lausch, Taryn		Math, Statistics & Physical Sciences	Deep Earthquakes in the Mt. Diablo Region, CA

Lopez, Juan		Math, Statistics & Physical Sciences	Charge Carrier Diffusion Properties of Hybrid Perovskites
Lundgren, Nicholas		Math, Statistics & Physical Sciences	The Effects of Germanium Concentration on the Thermal Conductivity of Amorphous Silicon
Malins, Lisa		Math, Statistics & Physical Sciences	DNA by da Vinci: A Pipeline to Design Whole-Chromosome Paints
Ogami, Sari		Math, Statistics & Physical Sciences	Fundamental groups of the complement of braided surfaces
Palanisamy, Barath		Math, Statistics & Physical Sciences	In-Plane Molecular Transport in Nanoporous Gold Thin Films
Pratt, Christian		Math, Statistics & Physical Sciences	Detecting Cosmic Ray Muons with Android Smartphones
Sridharan, Samvardhini		Math, Statistics & Physical Sciences	Topological Statistics in Genome Analysis
Winston, Logan		Math, Statistics & Physical Sciences	Investigation of a New, High-Efficiency, Atmospherically Stable Thermoelectric Material
Ye, Xiaoxiao		Math, Statistics & Physical Sciences	Teaching Bayesian Inference To Undergraduates In Social Sciences using Rstan
Aguirre, Angela		Medical & Clinical Research	Time to Arterial Testing Affects Outcomes for Patients with Lower Extremity Wounds
Akande, Olutola		Medical & Clinical Research	Attitudes and Perspectives n Understanding Type 2 Diabetes: Patients Versus Health Care Providers
Armero, Montserrat		Medical & Clinical Research	Educating Future Veterinarians and Health Care Providers on How to Overcome Language Barriers

Aung, Theint		Medical & Clinical Research	Treatment of corneal epithelial cells with andrographolide results in a time-dependent induction of the antimicrobial peptide human β -defensin 3 (gene: DEFB103, peptide: hBD-3)
Baker, Harrison		Medical & Clinical Research	Developing Novel Cellular Therapeutics for Treating Glaucoma
Berg, Jonathan		Medical & Clinical Research	Circadian element, PERIOD2, defends cells against genotoxic stress via WNT/ β -catenin mediated mitochondrial bioenergetics
Bonnell, Janae		Medical & Clinical Research	Disparities in Cancer Incidence and Mortality on Native American Reservations
Chaban, Adam		Medical & Clinical Research	Effect of Anesthetic Induction on the Measurement of Diastolic Function
Echt, Gabby		Medical & Clinical Research	Magnesium Sulfate Infusion for Analgesia in Critically Ill Trauma Patients
Gannon, Bethany		Medical & Clinical Research	Demographics and Brain Models Variably Predict Cognition in an Ethn racially Diverse Sample by Cohort
Gautam, neha		Medical & Clinical Research	Evaluation of Anti-Epileptic Drug Discontinuation in the Veteran Population with Focal Onset Epilepsy at the Veterans Affairs Greater Los Angeles Medical Center
Hernandez, Mario	Mundada, Nidhi	Medical & Clinical Research	Preliminary Comparison of Asynchronous Telepsychiatry Alongside Synchronous Telepsychiatry in Skilled Nursing Facilities
Ivanko, Anastasiya		Medical & Clinical Research	Improving Access to Primary Care Resources for Trauma Patients
Iyer, Sandhya		Medical & Clinical Research	Evaluation of the Therapeutic Window for Deep Brain Stimulation in a Rodent Model of Traumatic Brain Injury
Ji, Keely		Medical & Clinical Research	Modeling Familial Pancreatic Cancer with CRISPR-Cas9 to Develop Personalized Cancer Therapy

Joseph, Anjali		Medical & Clinical Research	Safety and Efficacy of Lenvatinib in Patients with Child-Pugh B Advanced Hepatocellular Carcinoma
Kang, Jennifer		Medical & Clinical Research	In vitro study of reduced graphene oxide toxicity in corneal fibroblast and epithelial cells
Knepp, Bodie		Medical & Clinical Research	Gene Expression in Major Inflammatory Pathways in Peripheral Blood Associate with Intracerebral Hemorrhage and Edema Volume in Humans
Levinzon, Nathan		Medical & Clinical Research	The Impact of New Student-Run Clinic on the Russian-Speaking Population of Sacramento
Liu, Yifan		Medical & Clinical Research	Tissue geometry is critical for the formation of arrhythmogenic early afterdepolarizations
Lyu, Angyu		Medical & Clinical Research	Detection of cardiac tissue in experimental images
Malladi, Pallavi	Emely Perez Pinera	Medical & Clinical Research	Cardiovascular Risk Factors as an Indicator of Age-Related Cognitive Impairment
Molony, Kaitlin		Medical & Clinical Research	Investigating the Pulmonary Macrophage Response to LPS Under Hyperglycemic Conditions
Ngo, Taylor		Medical & Clinical Research	CRISPR Genome Editing Suppresses VEGFa Protein Production
Nguyen, Brandon		Medical & Clinical Research	The Significance of Implementing a Narrative Medicine Approach at the Knights Landing One Health Center (KLOHC)
Nunez, Rosally	Halley Wright	Medical & Clinical Research	Novel Bioengineering Approach for Efficient in vivo Fermentation Product of siRNA against PD1 and PDL-1 for Cancer Therapy
Pastor, Lorena		Medical & Clinical Research	Effect of β -Estradiol on Endothelial Cell Function

Polen, Michelle		Medical & Clinical Research	Diagnostic Reclassification by a High-Sensitivity Cardiac Troponin Assay
Ramer, Victoria		Medical & Clinical Research	Generation of a smooth muscle specific cAMP reporter mouse
Samaniego, Cristela		Medical & Clinical Research	Role of P-glycoprotein in Chemotherapy-Induced Peripheral Neurotoxicity (CIPN)
Sin, Tzu-Ni		Medical & Clinical Research	Disruption of VEGFa gene with CRISPR Genome-Editing as Potential Treatment for Neovascular Age-related Macular Degeneration (nAMD)
Strock, Kathryn		Medical & Clinical Research	Exposure of nurse-midwifery students to breastfeeding patients during clinical rotations - a mixed methods pilot study
Suri, Avni		Medical & Clinical Research	Predictors of Unplanned Readmissions and Mortality after Below Knee Amputation
Tam, Athena		Medical & Clinical Research	Fluorescence Lifetime Imaging (FLIm) for Intraoperative Tumor Detection of Oral Cavity and Oropharyngeal Cancer
Vang, Molly	Zoua Vang, Alexander Fang	Medical & Clinical Research	Implementation of the Health Belief Model on the Hmong Population: Online Health Education on Hypertension
Vemula, Sahiti		Medical & Clinical Research	Menstruation in South Asian Women
Vo, Vivian		Medical & Clinical Research	LGM2605 Treatment Increases Antioxidant Gene Expression in A549 Cells
Wei, Stefan		Medical & Clinical Research	Effects of Cyclic Peptide LXW7 on Promoting Angiogenesis and Ischemic Wound Healing
Yang, Eric	Matthew Tan, David Yang, Thad Yang	Medical & Clinical Research	Assessing Health Disparities in the Sacramento Hmong Community: Relationship Between Income, Education, and BMI

Yen, Felicia		Medical & Clinical Research	Application of Microscopy with UV Surface Excitation (MUSE) for Rapid Slide-Free Deceased Donor Kidney Biopsy Assessment
Young, Laura		Medical & Clinical Research	The use of pedigree analysis for the study of color blindness in non-human primates
Zaidi, Mehdi		Medical & Clinical Research	Strategizing IDH1 Mutation with Novel Therapies for Long-term Regression of Cancer
Aldana, Esmeralda		Psychology & Human Development	Intergenerational Parenting
Ali, Mariam	Ann Cheng	Psychology & Human Development	Infants Use Prior Listening Experience to Support Word Learning
Atizado, Liana Mae		Psychology & Human Development	Ethnic Identity And School Belonging in Diverse High Schools
Bartz, Antonia		Psychology & Human Development	A Comparison of the Prevalence of Pouring Rights Contracts Between American and Global Universities
Benesi, Haylee	Kendrick Lewis	Psychology & Human Development	Stress and Memory: An Investigation of Pre-Encoding Stress and Contextual Changes on Recognition Memory
Bhela, Shanu		Psychology & Human Development	Oxytocin Receptors Differentially Regulate Social Approach and Social Vigilance in the Nucleus Accumbens
Cajucom, Anyk		Psychology & Human Development	Neural Correlates of Natural Reading in Younger and Older Adults
Camp, Emily		Psychology & Human Development	Using Eye Tracking and a Standardized Assessment to Explore Cognition in Autism
Casaccia, Gina		Psychology & Human Development	Pre-Activation of Lexical Features in Language Comprehension

Chatterton, Hailey		Psychology & Human Development	Exploring the Relation Between Grit and Pre-Competition Anxiety in College Athletes
Chen, Sophia		Psychology & Human Development	Correlates of Health, Environmental, and Animal Motives to Consider a Plant-Based Diet
Chen, Zhijun		Psychology & Human Development	Comparison of U.S. and Malawi Infants Visual Attention Development
Christie, Lauren		Psychology & Human Development	The Impact of Food Insecurity and Food Label Use on Calories Purchased
Crandell, Hollie		Psychology & Human Development	Associations of Children's Hair Cortisol with Perceived Stress and Anxiety
Denyer, Laurel		Psychology & Human Development	The Completeness of Nutrition Disclosures on Online Grocery Store Websites
Dickerson, Journie		Psychology & Human Development	The Effect of Noise Modulation on Recognition Memory and Speech Intelligibility
Durah, Mehar	Marjan Moghaddam	Psychology & Human Development	Impact of Prior Knowledge on New Category Learning
Espino, Harrison	Pari Dhayagude	Psychology & Human Development	Maturational Trends in Sleep Spindle Properties: A Longitudinal Study
Fastenau, Caitlyn		Psychology & Human Development	Older versus Younger Adults Positivity Bias in Episodic Memory
Feyzieva, Elis		Psychology & Human Development	Serum Inflammation Markers and Body Mass Index in Children
Fritz, Matilda		Psychology & Human Development	Understanding Social Reward Learning: Sex Differences and Associations with Psychiatric Symptoms

Ganoza, Gabriela		Psychology & Human Development	Validating Automatic Measures of Infant Crying
Geyfen, Jacqueline		Psychology & Human Development	Parental Experience-Dependent Changes in Infant-Induced Neural Activity Across Time
Grassa, Marialisa		Psychology & Human Development	Investigating Compatibility Effects for Paper vs Screen Recall
Hashem, Abdallah		Psychology & Human Development	Studying those who study minds, Psychology Discourse community
Huerta, Jocelyn		Psychology & Human Development	Visual Priors for Object Identity Modulate the Auditory Capture of Visual Attention
Jauregui, Isabela	Ashley Ruiz	Psychology & Human Development	Factors Sustaining Bilingual Educators
Johnston, Nicole		Psychology & Human Development	Ethnic Identity and Body Satisfaction in Adolescence
Karimi, Abraham		Psychology & Human Development	Nutrition and Health Claims on Online Grocery Websites
Karimi, Mona		Psychology & Human Development	Children's Parasympathetic Activity & Self-Reported Anxiety
Kirkpatrick, Julianna		Psychology & Human Development	Emotion Regulation in Childhood and Body Mass Index
Kohn, Michael		Psychology & Human Development	A review of the consequences and interventions to manage in-class media multitasking
Kumar, Shreya		Psychology & Human Development	Activity of Oxytocin Neurons in the Bed Nucleus of the Stria Terminalis (BNST) and Paraventricular Nucleus (PVN) and Social Vigilance in Juvenile California Mice

Kwong, Michelle	Rowen Clayton, Victoria Maichel, Priscilla Alvarado	Psychology & Human Development	Positivity Bias in Verbal Episodic Memory for Native versus Non-Native English Speakers
Lagunda, Anthony		Psychology & Human Development	Investigating the Effects of Semantic Meaning and Visual Saliency on Covert Spatial Attention
Lansdowne, Frances		Psychology & Human Development	Home Environment and Oral Proficiency: Emerging Bilinguals from Immigrant Families
Le, Anna		Psychology & Human Development	LGBT+ Youths' Social Media Use for Online Health Information: A Study Using Behavioral Trace Data
LeTran, Kathley		Psychology & Human Development	Decoding word prediction from alpha-band contaminated EEG oscillations
Loh, Zoe		Psychology & Human Development	Exploring Differences in Working Memory as a Predictor of Eye Movement Behavior
Lopez, Graciela	Thitisa Sudayuwarn	Psychology & Human Development	Using Passive Eye Tracking to Measure Language Comprehension in Autism
Macaluso, Jessica		Psychology & Human Development	Memory Dilation Via Perceptual Bias in a Murder Mystery Task
Martinez Garcia, Lizeth		Psychology & Human Development	Does Childhood Shyness Predict Future Parasympathetic Regulation? Martinez_Garcia_Lizeth (Final)
Matson, Matthew		Psychology & Human Development	Impaired spatial memory in a rat model of Alexander Disease
Mendoza, Lorena	Lauren Yen, Jasmine Flores	Psychology & Human Development	Gender Differences in Behavioral Strategies for Delay of Gratification Task
Nguyen, Ninh		Psychology & Human Development	Building an App to Promote a Sense of Belonging for UCD Students

Occhipinti, Michelle		Psychology & Human Development	Are You Looking Where You're Going? - Gaze Allocation During a Navigation Recall Task
Prieto, Melanie		Psychology & Human Development	Examining Attentional Disengagement in Autism Using the Gap-Overlap Paradigm
Razaghzadeh, Anysa		Psychology & Human Development	The Factors Affecting Social Cognition in High Functioning Children with Autism
Sharda, Mukul		Psychology & Human Development	Stimuli-Stressor Relatedness Predicts Recognition Memory Performance after Stress
Sharma, Akshay		Psychology & Human Development	Smartphone Distractions: Assessing Text-Message Response Time and Their Effect on Test Scores
Shetty, Nikita		Psychology & Human Development	Development of How Children Solve a Shape Sorter Task Between 12 and 48 Months of Age
Tevelev, Stacey		Psychology & Human Development	An Exploration of Anxiety and Threat Bias in Autism
Totah, Jeanna		Psychology & Human Development	The Relationship Between Binge Eating and Personality Traits
Umana, Jency		Psychology & Human Development	The Role of Acute Stress and Parental Support in Children's Executive Performance
Venkatesh, Aditi		Psychology & Human Development	Memory of a Salient Distractor is Reduced Following Attentional Suppression During Visual Search
waltmon, jessica		Psychology & Human Development	Socioeconomic Status and Insecure Attachment Styles in Children
Wodrich, Hannah		Psychology & Human Development	Parental Attention Directing and its Effect on Joint Attention

Wyant-Stein, Katie		Psychology & Human Development	Attachment Insecurity and Higher Levels of the Interleukin-6 (IL-6) Inflammation Marker in Childhood
Ye, Xiaoxiao		Psychology & Human Development	Teaching Bayesian Inference To Undergraduates In Social Sciences using Rstan
Yick, Jillian		Psychology & Human Development	Bilingual Skills and Executive Function: English-Spanish Bilinguals in Dual Language Immersion Programs
Young, Claire		Psychology & Human Development	Use of Robotic Pets to Treat AD and/or Dementia
Zhang, Ximeng	Audrey Chen	Psychology & Human Development	Infant Spatial Development in Puzzle Play
Zhang, yinuo		Psychology & Human Development	Roles of siblings on Spanish-English and Chinese-English preschoolers' bilingual skills
Zhang, Zhuojun		Psychology & Human Development	Attentional Control Uses Both Relational and Optimal Target Representation to Guide Search
Zhu, Yier		Psychology & Human Development	The Development of Infants' Attention to Social and Linguistic Cues
Zou, Xinyu	Okada, Sumire	Psychology & Human Development	Heightened Respiratory Sinus Arrhythmia as a Function of Freezing Behavior in Preschool-Aged Children
Akande, Olutola		Social Sciences & Education	Attitudes and Perspectives in Understanding Type 2 Diabetes: Patients Versus Healthcare Providers
Bartz, Antonia		Social Sciences & Education	A Comparison of the Prevalence of Pouring Rights Contracts Between American and Global Universities
Berns, Galen		Social Sciences & Education	Student Involvement Augments Protest Efficacy

Billings, Marlana		Social Sciences & Education	Experimental recreation of bone disks from the Mas d'Azil: establishing the chaîne opératoire of mobile art in the Upper Paleolithic
Cho, Yunhee		Social Sciences & Education	The Truth Behind the Words: Educating the Public What to Believe about Animal Science
Chu, Kymberley		Social Sciences & Education	Chu, Kymberley. The Middle East and North Africa in US Media Representation: An Analysis of the Term "Syrian Orthodox" in the New York Times (1900-1909) #JosephLABNYTIMES2020
Covault, Sarah		Social Sciences & Education	Covault, Sarah An Analysis of the Term "Jewish" #JosephLABNYTIMES2020
Cruz Aguayo, Bianca-Yesenia		Social Sciences & Education	What Makes for an Inclusive STEM Classroom? Students' Perspective
Fenton, Mikaela		Social Sciences & Education	Models of Workforce Affordable Housing Over Time
Ferns, Nastassya		Social Sciences & Education	The Holographic Survivor: Holocaust Memory, Preservation, and Performance in Memory Institutions
Goradia, Kanaan	Marwaha, Radhika	Social Sciences & Education	Integrating Sustainability Oriented Socio-scientific Issues into General Chemistry Curriculum: Examining Changes in Students' Perception of Science Relevancy and their Career Aspirations
Guerrero, Isabelle		Social Sciences & Education	Tracing the Historic Record of Vicuña Use in the Andes
Ham, Aryssa		Social Sciences & Education	Attraction-Selection-Attrition in the Legal Field: Asian Americans and Public Service Motivation
Hoang, Troy	Enoch Montes, Therek Quevedo, Allen Camren	Social Sciences & Education	Troy Hoang: Can Persuasive Memes Influence Physical Activity?
Ibarra, Rosamaria	Xuying Yu, Sheyla Dirzo	Social Sciences & Education	Executive Function and Bilingualism: A Study with Young Dual Language Learners

Ishaq, Caitlyn		Social Sciences & Education	Professional Development Through Online Modules for Teachers of Language Learners
Karimi, Abraham		Social Sciences & Education	Nutrition and Health Claims on Online Grocery Websites
Kleckley, Aliyah		Social Sciences & Education	Kikuyu Sexuality and Marriage in the Colonial era
Lansdowne, Frances		Social Sciences & Education	Home Environment and Oral Proficiency: Emerging Bilinguals from Immigrant Families
Lazo, Nicole		Social Sciences & Education	New Policies Towards Illegal Immigration
Levy, Shoshana		Social Sciences & Education	Advancing Equal Educational Opportunity: How California's New Education Financing System is Serving its Disadvantaged Youth
Lopez, Enrique		Social Sciences & Education	Documenting the Undocumented High School Student Perception of Depression and Mental Health.
Mancuso, Camilla		Social Sciences & Education	Investigating the Relationship Between Accuracy of Nutritional Value Estimates and Diet Choices in Two College Student Populations With Differing Nutrition Knowledge.
McNamara, MaryAnn		Social Sciences & Education	The Partition of the Police: How the Police Force in British Mandate Palestine Administered the Arab-Zionist Conflict
Melton, Joshua		Social Sciences & Education	Cadet Guide for ROTC Officer Candidates
Newell, Chase		Social Sciences & Education	The Impacts of Law Enforcement on Homeless People in Sacramento
Pal, Shawlene		Social Sciences & Education	Nuclear Science & Other Hot Stuff: Using Concept Maps to Assess Student Growth by Shawlene Pal

Pena, Jasmin		Social Sciences & Education	The Uncertainty of DACA
Plascencia, Cecilia	Helen Tran, Hallie Bo-Jun Yu, Krystal Jane Bautista	Social Sciences & Education	Parent Acculturation and Children's Oral Proficiency: A Study with Head Start DLL Preschoolers
Quiroz, Joselyne		Social Sciences & Education	Broken Promises and Misplaced Anger: The Emergence of Aggrieved Masculinity Among Young Men Online
Razaghzadeh, Anysa		Social Sciences & Education	The Factors Affecting Social Cognition in High Functioning Children with Autism
Rhea, Sofia		Social Sciences & Education	Framing the Focus: Reporting Sexual Consent in College Campus News Stories Before, During, and After an Attack.
Robertson, Abigail		Social Sciences & Education	Archiving Iraq: The Post-Colonial Period and Occupation
robles, daisy		Social Sciences & Education	Latino and Latina meta beliefs about Status Misattribution
Rutten, Caroline		Social Sciences & Education	Relationships That Matter: Impacts of Social Capital on Single Mothers in Community College
Schroder Bydalek, Marina		Social Sciences & Education	Style-Shifting in Japanese Interlanguage: Comparing Study Abroad and Domestic Outcomes
Seidl, Jeffrey		Social Sciences & Education	Determinants of Global Views on Trade in Advanced Democracies
Silvestre Delgado, Yenifer	Darlyng Lopez, Paola Urena Sanchez, Daniela Garcia	Social Sciences & Education	Oral Retellings in Spanish and English: An Exploratory Study with DLLs in Kindergarten
Singh, Kanwaljit		Social Sciences & Education	Living under restrictions in Kashmir- An ethnographic account

Sullivan, Olivia		Social Sciences & Education	Social Relationships in Sorority Family Lines
Uppal, Saranjit		Social Sciences & Education	The People Want The Fall of the Regimes: Decolonization and Revolution in Egypt, 1919, 1952, and 2011.
Vargas, David		Social Sciences & Education	Deconstruction of the Admission Process in Higher Education: a Holistic Examination from a Hispanic Serving Institution (HSI) Perspective
Vemula, Sahiti		Social Sciences & Education	Menstruation in South Asian Women
Wagonis, Zachary		Social Sciences & Education	The US Role in the Denuclearization of North Korea
Wiese, Kailea		Social Sciences & Education	Modern use of Rape Hysteria by Modern Masculinists Online
Wolski, Caroline		Social Sciences & Education	Performing an Inclusive Campus: Digital Resource Accessibility for Transgender Students at California Higher Education Institutions
Wynne, Emma		Social Sciences & Education	The Affluent Gaze: A Study of the Changing Notions of Hunger, Charity, and Nutrition Assistance
Yick, Jillian	Yuxuan Xiang, Jaqueline Jimenez	Social Sciences & Education	Bilingual Skills and Executive Function: English-Spanish Bilinguals in Dual Language Immersion Programs

