

Student's Name	Instructor's Name	Department	College	Title
Hagop Karakazian	Dr. Tamas Forgacs	Mathematics	Science and Math	Differential operator representation of Sequences that Multiply Legendre Polynomials
April Booth	Dr. Alejandro Calderon-Urrea	Biology	Science and Math	Establishing Methodologies to Generate Transgenic Lines of <i>Meloidogyne incognita</i> using the Model Organism <i>Caenorhabditis elegans</i>
Miriam Hernandez	Dr. Alejandro Calderon-Urrea	Biology	Science and Math	Development of a Quick Screening of <i>Jatropha</i>
Farrok (Tom) Elizadiboroujeni	Dr. Kevin Kuswa	Communication	Arts and Humanities	Conversion of Policy Debate Research to Academic Paper
Mina Al-Shahed	Dr. Jason Bush	Biology	Science and Math	The Influence of Organochlorines on Breast Cancer Development and/or Prgression in Hispanic Females in the Central Valley
Peter Yang	Dr. Wade Gilbert	Kinesiology	Health and Human Services	Assessment Toolkit for High School Student-Athlete Learning Outcomes
Elaina Aceves	Dr. Carmen Caprau	Mathematics	Science and Math	Knotted Graphs
Joel Smith	Dr. Carmen Caprau	Mathematics	Science and Math	Knot Theory and the Temperley-Lieb Algebra
Serena McTeer	Dr. Carmen Caprau	Mathematics	Science and Math	Connections Between Knot
Jennifer Elder	Dr. Carmen Caprau	Mathematics	Science and Math	Knotted Graphs
Ramanpreet Kaur	Dr. Alejandro Calderon-Urrea	Biology	Science and Math	Comparison of Early Embryonic Development in <i>Meloidogyne Incognita</i> with Embryos Treated with Nocodazole
Neetu Malhi	Dr. Alejandro Calderon-Urrea	Biology	Science and Math	Life Cycle Analysis of <i>D. primolecta</i>
Ashley M. Mendoza	Dr. Krish Krishnan	Chemistry	Science and Math	Distribution of Inter-Nuclear Distances Intrinsically Disordered Proteins

Sabrina Romero	Dr. Alejandro Calderon-Urrea	Biology	Science and Math	Analyzing Neutral Lipid Content in the Algae <i>Scenedesmus Dimorphus</i> Using Flowcytometry and Confocal Microscopy
Alexander Guzzetta	Dr. Alejandro Calderon-Urrea and Krish Krishnan	Biology and Chemistry	Science and Math	NMR-based Metabolomics of Cellular and Developmental Changes in Lipogenic Algae
Kenya Covarrubias	Dr. Jason Bush	Biology	Science and Math	The Influence of Organochlorines on Breast Cancer Development and/or Prgression in Hispanic Females in the Central Valley
Wafaa E. Araim	Dr. Krish Krishnan	Chemistry	Science and Math	Energetic Contributions of Protein Conformation Due Variation in Solvent Conditions
Jeffrey Gilkey	Dr. Ming Xiao	Civil and Geomatics Engineering	Lyles College of Engineering	Seismic Responses of MSE Walls using Accelerated Alternative Backfill Materials with Recycled Tire Shreds
Rita Marie Costanian	Dr. Martha Vungkhanching	Social Work	Health and Human Services	Exploring Factors Influencing Social Work Students Interest or Reluctance to Work with the Aging Population
Elaine Clemings	Dr. Lorin Lachs	Psychology	Science and Math	The Effects of Classroom Acoustics on Speech Recognition and Academic Success in Primary School Students
Joseph Oloo	Dr. Jason Bush	Biology	Science and Math	N-Terminomics Biomarker Discovery
Carson Hoffman	Dr. Amir Huda	Physics	Science and Math	Biological and Chemical Effects from Irradiating Stem Cells

Beau D. Immel	Dr. Riadh Munjy	Civil and Geomatics Engineering	Lyles College of Engineering	Laser Scanning 3-D Objects
Alexander Nardocci	Dr. Brian Tsukimura	Biology	Science and Math	Creation of Liposomes for the Treatment of MF to Tadpole Shrimp
Lulu Wong	Dr. Jason Bush	Biology	Science and Math	Evaluation of Cancer Stem Cell Subpopulations in Primary Cultures Derived From Pancreatic Ductal Adrenocarcinomas
Nicole Kimura	Dr. Paul Price	Psychology	Science and Math	Explaining Sample Size Bias in Judgments of Averages
Matthew McCleod	Dr. Jesus Larralde	Civil and Geomatics Engineering	Lyles College of Engineering	Mechanical Properties of Stabilized TDA
Audra Iness	Dr. Alice Wright	Biology	Science and Math	Discovery of New Pathways for Pesticide Degradation
Gregorio Gonzalez	Dr. Sanliang Gu	Viticulture and Enology	Jordan College of Agricultural Sciences and Technology	Seasonal Development of Fruit Composition in "Cabernet Sauvignon" Grapevine Under Crop Forcing.
Kristyn Peterson	Dr. Sanliang Gu	Viticulture and Enology	Jordan College of Agricultural Sciences and Technology	Data collection and processing for climatic analysis of winegrape growing regions in California
William Mundy	Dr. Sanliang Gu	Viticulture and Enology	Jordan College of Agricultural Sciences and Technology	Crop Forcing For "Cabernet Sauvignon" project in wine composition and analysis
David Heywood	Dr. Carmen Caprau	Mathematics	Science and Math	A State Model for the Kauffman Polynomial
Benjamin Wright	Dr. Oscar Vega	Mathematics	Science and Math	Digits of a^n in Base b
Ryan Fukuda	Dr. Pei-Chun Ho	Physics	Science and Math	Synthesis of Gadolinium and Neodymium Nanoparticles
Kari Johnson	Dr. Peggy Trueblood	Physical Therapy	Health and Human Services	Guided Therapy

Sara Jane Alatorre	Dr. Anil Shrestha	Plant Science	Jordan College of Agricultural Sciences and Technology	Enhancement of Rimsulfuron Herbicide Activity with Aquatrols Soil Surfactant in Transplanted tomatoes
Matthew Helm	Dr. Anil Shrestha and Dr. James Farrar	Plant Science	Jordan College of Agricultural Sciences and Technology	Effect of Mustard Seed Meal Incorporation on Weeds and Cavity Spot in Carrot
Katrina Maria C. Steinhauer	Dr. Anil Shrestha	Plant Science	Jordan College of Agricultural Sciences and Technology	Effects of Global Climate Change (CO ₂ elevation) on the Invasiveness of Giant Reed (<i>Arundo Donax</i>)
Charles Cochran	Dr. Anil Shrestha and Dr. James Farrar	Plant Science	Jordan College of Agricultural Sciences and Technology	Spent Oyster Mushroom (<i>Pleurotus ostreatus</i>) Substrate as a Pre-emergent Bioherbicide for Organic Farming Systems
Bianca Rodriguez	Dr. Fariborz M. Tehrani	Civil and Geomatics Engineering	Lyles College of Engineering	Standardization of Lightweight Aggregate in Infrastructure Design
Michael James Butler	Dr. Yupeng (Vivien) Luo	Constructional Management	Lyles College of Engineering	CALGreen Documentation: Challenges and Solutions
Karina Rey	Dr. Maria-Aparecida Lopes	History/Chicano and Latin American Studies	Social Sciences	Smuggled Goods Across the U.S.-Mexico Border, 1848-1900
Jonathan Rochin	Dr. Joy Goto	Chemistry	Science and Math	β -Methylamino-L-alanine (BMAA) Competition with Serine and other Natural Amino Acids in <i>Drosophila melanogaster</i>
Riann Egusquiza	Dr. Joy Goto	Chemistry	Science and Math	Effects of BOAA on the Locomotive Behavior of <i>Drosophila melanogaster</i>
Mayra Jimenez	Dr. Mamta Rawat	Biology	Science and Math	The Role of Ergothioneine in Mycobacteria

Javier Garcia	Dr. Alice Wright	Biology	Science and Math	Discovery of Novel Genes for Pesticide Degradation
Monica Limon	Dr. Ruth Jenkins	English	Arts and Humanities	Modern Day Feminism: Theoretical & Societal Approaches
Anthony Becomo	Dr. Maria-Aparecida Lopes	History/Chicano and Latin American Studies	Social Sciences	Smuggling Across Paso del Norte (Mexico) and El Paso (United States) from 1848 to 1910
Kayla Clark	Dr. Elizabeth Payne	Theatre Arts	Arts and Humanities	Vintage Collection
Ana Maravilla	Dr. Jason Immekus	Educational Research and Administration	Kremen School of Education and Human Development	Effects of Positive Behavior Intervention Support on School Psychologists in Central Valley
Christopher Galvan	Dr. Kevin Kuswa	Communication	Arts and Humanities	Conversion of Policy Debate Research to Academic Paper
Kiana Negoro	Dr. Fariborz M. Tehrani	Civil and Geomatics Engineering	Lyles College of Engineering	Engineer Estimate Reliability and Statistical Characteristics of Bids
Meiyue Wang	Dr. Dave Goorahoo	Plant Science	Jordan College of Agricultural Sciences and Technology	Comparison of Organic and UAN-32 Fertilization on Yield and Quality of Bok Choy
Shelby Peck	Dr. Chris Pluhar	Earth and Environmental Sciences	Science and Math	Uplift of the Sierra Nevada and Eastern Californian Tectonics
Shelby Jones	Dr. Chris Pluhar	Earth and Environmental Sciences	Science and Math	Reconstruction of Paleo-Channels of the Sierra Nevada, California for use as Tilt Meter
Pooja Patel	Dr. Santanu Maitra	Chemistry	Science and Math	Synthesis, Purification & Analysis of Chalcones as Apolipoprotein-E modulators
Jessica Arnold	Dr. Kenneth Balint	Theatre Arts	Arts and Humanities	The Experimental Relationship Between Film and Dance
Pa Houa Xiong	Dr. Kao-Ly Yang	Linguistics	Arts and Humanities	Collecting Hmong Oral Literature for Textbook

Megan Sutton	Dr. Lisa Herzig	Food Science and Nutrition	Jordan College of Agricultural Sciences and Technology	Eat. Grow. Plan. Nutrition Carnival
Matthew Starry	Dr. Daming Zhang	Industrial Technology	Jordan College of Agricultural Sciences and Technology	Innovation of the Chassis Dynamometer for Automotive Teaching and Research
Deanna Arsala	Dr. Jim Prince	Biology	Science and Math	A Candidate Gene Strategy to Identify Resistance Genes in Pepper to <i>Phytophthora Capsici</i>
Arantes Armendariz	Dr. Robert Levine	Psychology	Science and Math	High Achievement in Eastern and Western Societies
Joe Cha	Dr. Mohammad Rahman	Public Health	Health and Human Services	Evaluation of Nurse Practitioners' and Healthcare Professionals' Knowledge, Understanding and Readiness to Practice E-Health
Megha Kumar	Dr. Jason Bush	Biology	Science and Math	Calcium Induced Differentiation of Mouse Embryonic Stem Cells into Cardiomyocytes
Brandon Failla	Dr. Lisa Herzig	Food Science and Nutrition	Jordan College of Agricultural Sciences and Technology	Nutrition and Education for Ronald McDonald House
Kelsey Dicochea	Dr. Luke Wang	Earth and Environmental Sciences	Science and Math	RUSLE Model
Yesenia Alonso	Dr. Annabella Espana-Najera	Chicano and Latin American Studies	Social Sciences	Career Politicians in Unstable Party Systems
Efren Gonzalez	Dr. Annabella Espana-Najera	Chicano and Latin American Studies	Social Sciences	Voter Turnout in Latin America
Ismael Martinez	Dr. Gregory Kriehn	Electrical and Computer Engineering	Lyles College of Engineering	UAS Controller

Martha Nuno Diaz	Dr. John Pryor	Anthropology	Social Sciences	The Wukchumni Tribe: Learning the Secret Healing Practices in Ethnobotany
Ruzan Orkusyan	Dr. Mamta Rawat	Biology	Science and Math	Role of Mycothiol and Other Genes on Metal Sensitivity in Mycobacterium
Adrienne Olaivar	Dr. Ulrike Muller	Biology	Science and Math	Mathematical Model of Suction Feeding in the Carnivorous Plant Bladderwort
Manuel Jacquez	Dr. Clare-Marie Wall	English	Arts and Humanities	"Uneasy Lies the Head that Wears the Crown": Exploring Political Responsibility in Shakespeare's Henry V
Andres Felipe Vargas	Dr. Pei-Chun Ho	Physics	Science and Math	Construction of a Magnetometer
Arturo Gasgo	Dr. Melissa Golden	Chemistry	Science and Math	Developing Imaging Agents for the Neurotoxin BMAA
Brittany Bevier	Dr. Melissa Golden	Chemistry	Science and Math	RutpryCl ₃ as a Fluorescing Indicator for Toxic BMAA
Jonathan Fernandez	Dr. Reza Raeisi	Electrical and Computer Engineering	Lyles College of Engineering	RFID Mesh Connected Reader
Christopher Olvera	Dr. Peter Van De Water	Earth and Environmental Sciences	Science and Math	Francher Creek Restoration Project
Ryan Dougherty	Dr. Melissa Golden	Chemistry	Science and Math	Synthesis and Characterization of [Ni(Ni(cysE) ₂) ₂] ²⁺
Banchong Somsanuk	Dr. Pei-Chun Ho	Physics	Science and Math	Heat Capacity Measurement of Rare Earth Compounds
Valentine Kovtun	Dr. Kevin Kuswa	Communication	Arts and Humanities	Conversion of Policy Debate Research to Academic Paper