

Student's Name	Instructor's Name	Department	College	Title
Aroob Abelhamid	Dr. Alam Hasson	Chemistry	Science and Math	Kinetic and Mechanistic Study of Isoprene Hydroxy Nitrate with Ozone
Steffany Aguilar	Dr. Robert Dundas	Earth and Environmental Sciences	Science and Math	Pollen Analysis of the Mid Pleistocene Fairmead landfill
Shahram Aghaei	Dr. Santanu Maitra	Chemistry	Science and Math	Alzheimer's Disease Research
Miriam Ahmad	Dr. Laurent Dejean	Chemistry	Science and Math	Study of the role Bcl-2 and Bcl-xL on lactic fermentation in pre-lymphocytes
Yesenia Alonso	Dr. Annabella España-Nájera	Chicano and Latin American Studies	Social Sciences	Career Politicians in Unstable Party Systems
Denise Altounian	Dr. Annabella España-Nájera	Chicano and Latin American Studies	Social Sciences	"Weak Parties", Weak Mandates? Party Manifestos in New Party
Moriah Beltz	Dr. Joy Goto	Chemistry	Science and Math	<i>Drosophila melanogaster</i> mitochondria as a marker of oxidative stress in ASL-PDC
Jennifer Bernard	Dr. David Vera	Economics	Craig School of Business	An Examination of California's Realignment Policy and Property Crime Rates
April Booth	Dr. Alejandro Calderón-Urrea Dr. Saeed Attar	Biology Chemistry	Science and Math	Effects of Diversified Chalcones on <i>Caenorhabditis elegans</i> and <i>Meloidogyne incognita</i> - Developing a Potential Nematicide to Contraol Plant-Parasitic Nematodes
Justin Burrows	Dr. Sharon Benes	Plant Science	JCAST	Potassium Concentration's Role with Solids formation in Processing Tomatoes
Rene Cadena	Allen Azizian	Criminology	Social Sciences	Public Perception of Sexually Violent Predators Act: Civil Commitment, Treatment, and Community Reintegration
Emilio Leal Cardenas	Dr. Santanu Maitra	Chemistry	Science and Math	Synthesis, Characterization, and Gas Phase Studies of Atmospherically Relevant Nitrate Esters

Maya Castro De La Torre	Dr. Pei-Chun Ho	Physics	Science and Math	Synthesis and Characterization of Neodymium Nanoparticles
Gina Chrisco	Dr. Anthony Radford	Music	Arts and Humanities	Music Theory for Singers: An Ethnographical Approach
Kenya Covarrubias	Dr. Jason Bush	Biology	Science and Math	Analyses of genetic changes in prostate cancer from Hispanic farm workers
Randy Espinoza	Dr. Jai-Pil Choi	Chemistry	Science and Math	Effects of aprotic solvents and salts on C60 and C70 through UV - Vis spectroscopy
Gretchen Ford	Dr. Alejandro Calderón-Urrea	Biology	Science and Math	Fluorescence based cell cycle characterization of transgenic algae <i>Dunaliella</i>
Shelby Fredrickson	Dr. Christopher Pluhar	Earth and Environmental Sciences	Science and Math	Kinematics of Deformation in West-Central Walker Lane; Paleomagnetic Testing of Fault-Block rotation and Doming Models, Eastern California and Western Nevada
Kelsey Friesen	Dr. Carmen Caprau	Mathematics	Science and Math	Virtual Knot Theory
Ryan Fukuda	Dr. Pei-Chun Ho	Physics	Science and Math	Improvement of Gadolinium Nanoparticle Growth through the Reverse Micelle Method
Brenda Garcia	Dr. Antonio Avalos	Economics	Craig School of Business	Assessing the Skills Mismatch in the Labor Market: the Case of Fresno County"
Martin Garcia	Dr. William Wright	Civil and Geomatics Engineering	Lyles College of Engineering	Investigation of PHA Bio-Plastic Resin Generated from Agricultural Food Production
Shannon Garrison	Dr. John Constable Dr. Mamta Rawat	Biology	Science and Math	Promotion of Protective Bacteria in the Rhizosphere of Tomato Plants
Daniel Hairabedian	Dr. The Minh Nguyen	Mechanical Engineering	Lyles College of Engineering	Active Noise Reduction Through Piezoelectric Materials
Maxwell Hall	Dr. Alejandro Calderón-Urrea	Biology	Science and Math	TAIL PCR and sequencing of junction fragments of transgenic <i>Dunaliella primolecta</i> cell lines

Samantha Hartanto	Dr. Mamta Rawat	Biology	Science and Math	The ability of <i>Bacillus pumilus</i> endospores to survive UV radiation
Emily Hentschke	Robert Levine	Psychology	Science and Math	Stereotype Threat Reactance in Minority Groups
Karina Hernandez	Dr. Jason Bush	Biology	Science and Math	The influence of organochlorine pesticides on estrogen receptor related gene expression in breast cancer cells
Susan Hertfelder	Dr. Robert Dundas	Earth and Environmental Sciences	Science and Math	Taphonomy of the 1999 Bone Bed of the Fairmead Landfill
Phuong Ho	Dr. Jai-Pil Choi	Chemistry	Science and Math	Medical Applications and Synthesis of Silver nanoparticles
Kumsu Hwang	Dr. Larry Riley	Biology	Science and Math	The Effect of Ghrelin on Appetite, Growth and Metabolism During Cortisol Treatment
Shelby Jones	Dr. John Pryor	Anthropology	Social Sciences	Geochronological analysis of the Grandad site near Mariposa, California
Nadia Noemi Juarez	Dr. Anil Shrestha	Plant Science	JCAST	Spent oyster mushroom ( <i>Pleurotus ostreatus</i> ) substrate as a pre-emergent bioherbicide
Knarik Kazaryan	Dr. Jai-Pil Choi	Chemistry	Science and Math	Fluorescence Quenching by Various Au <sub>25</sub> Nanoparticles: Effect of Surface-Protecting-Ligand Length and Temperature
Jennifer Lam	Dr. Klaus Tenbergen	Food Science and Nutrition	JCAST	Pouteria Lucuma and its applications in bakery, confectionary, and hot foods
Jordan Lapadula	Dr. Maria-Aparecida Lopes	History	Social Sciences	Patterns of Location in the Meat Provisioning System of Nineteenth-Century Rio de Janeiro
Gabriela Larralde	Dr. Honora Chapman	MCLL	Arts and Humanities	All roads Lead to Late Antique Rome

Justin Lindeman	Dr. Christopher Pluhar	Earth and Environmental Sciences	Science and Math	Investigation of the Tuff of Jack Springs as an indicator of mid to late Miocene tectonic rotation of Bodie Hills, Eastern California and Western Nevada
Joseph Marcure	Dr. Magdalena Gilewicz	English	Arts and Humanities	Close Vertical Transcriptions and Creation of Transcription Archives
Alina Marrone	Dr. Peggy Trueblood	Physical Therapy	Health and Human Services	Effectiveness of a Public Service Announcements in Reducing Ground Falls in older adults living in Fresno
Geil Merana	Dr. Hwan Youn	Biology	Science and Math	Finding DNA targets of two transcription factors, Vlp and DNR
Vicente J. Munguia	Dr. The Minh Nguyen	Mechanical Engineering	Lyles College of Engineering	Biomedical prosthetic knee with magnetorheological fluid
Chiara Nardocci	Dr. Kao Ly Yang	Modern & Classical Languages & Literatures	Arts and Humanities	"Voulez-vous un café?" The interest of Fresno cafe-goers
Quyen A. Nguyen	Dr. Santanu Maitra	Chemistry	Science and Math	Synthesis and Conformational Analysis of <i>meta</i> - and <i>para</i> -DEET Analogs Using Nuclear Magnetic Resonance Spectroscopy
Adrienne Olaivar	Dr. Ulrike Müller	Biology	Science and Math	Prey capture and selectivity in the carnivorous plant bladderwort
Aramais Orkusyan	Dr. Mamta Rawat	Biology	Science and Math	Elucidation of Structure and Characterization of Novel Thiol in Clostridia
Ruzan Orkusyan	Dr. Mamta Rawat	Biology	Science and Math	Expression of low molecular weight thiol biosynthetic genes in mycobacteria
Hannah Pacheco	Dr. Anil Shrestha	Plant Science	JCAST	Nitrogen use efficiency of ( <i>Conyza canadensis</i> ) and hairy fleabane ( <i>Conyza bonariensis</i> )
Pooja Patel	Dr. Santanu Maitra	Chemistry	Science and Math	Design, synthesis, characterization and biological evaluation of small organic molecules for APOE inhibition

Ashley Peton	Dr. Laurent Dejean	Chemistry	Science and Math	Specific Quantification of Activated Bax Using ELISA
Jason Pimentel	Dr. Klaus Tenbergen	Food Science and Nutrition	JCAST	Pouteria Lucuma and its applications in ice cream and frozen desserts
Christopher Pineda	Dr. The Minh Nguyen	Mechanical Engineering	Lyles College of Engineering	Magnetorheological fluid for mini Baja shock absorber
Jamie Pitts	Dr. Melissa Jordine	History	Social Sciences	British Intelligence Activities in North America
Kimberly Rafael	Dr. Amber Hammons	Child, Family & Consumer Sciences	JCAST	Family and Community Efforts to Reduce Childhood Obesity
Janette Ramirez	Dr. Pei Xu	Agricultural Business	JCAST	The Economic Impacts of the Jordan Research Center: An Input Output Analysis
Alisha N. Ramlan Hussain	Dr. Mamta Rawat	Biology	Science and Math	Identification of Azo Genes with Respect to Azo Dye Decomposition
Bailee Roche	Dr. Maria-Aparecida Lopes	History	Social Sciences	The Cattle Trade in North America
Jonathan Salcedo	Dr. David Vera	Economics	Craig School of Business	"On Campus University Textbook Stores: Convenience of Convenience?"
Jessica A. Sanchez	Dr. Beth Weinman	Earth and Environmental Sciences	Science and Math	The investigation of the presence of emerging contaminants downstream from WWTPs
Nicole Shinkawa	Dr. Ulrike Müller	Biology	Science and Math	Acute Effects of BMAA-induced Neurodegeneration in Drosophila
Savannah Singh	Dr. John Pryor	Anthropology	Social Sciences	Grandad Biface Project
Barry Mitchell Smith	Dr. Peter Van De Water	Earth and Environmental Sciences	Science and Math	Reconstruction of Mariposa Paleoenvironment from the middle Holocen
James Stinecipher	Dr. Adnan H. Sabuwala	Mathematics	Science and Math	Applied Finite Element Analysis
Abhijit Suprem	Dr. Nagy Bengiamin	Electrical Engineering	Lyles College of Engineering	Study on Data Collection for implantable

Carrie Tambo	Dr. Jason Bush	Biology	Science and Math	Interaction of Organochlorine-treated Adipocytes & Human Mammary Epithelial Cell in a Co-culture System and a Metabolomic Analysis
Benjamin Tanielian	Dr. Joy Goto	Chemistry	Science and Math	The FRET Analysis of X11 and CCS, with the amyloid precursor protein in Alzheimer's Disease
Jose Manuel Tapia	Dr. Daming Zhang	Industrial Technology	JCAST	Creating of a Crystal Engine for Automotive Teaching and Research
Alexander Tran	Dr. Jason Bush	Biology	Science and Math	Inhibiting Expression of SHH Signaling Pathway in Pancreatic Cancer Stem Cells
Thoa Tran	Dr. Carmen Caprau	Mathematics	Science and Math	Knot Theory and Molecular Biology
Kathryn Updyke	Dr. Gregory Kriehn	Electrical and Computer Engineering	Lyles College of Engineering	Holography
Johny Vang	Dr. The Minh Nguyen	Mechanical Engineering	Lyles College of Engineering	Designing a robot with shape metal alloy (SMA) as actuator and controlling it with Arduino
Andres Felipe Vargas Quintana	Dr. Pei-Chun Ho	Physics	Science and Math	Thermoelectric properties of rare earth non-particles
Jose Vera	Dr. Jason Bush	Biology	Science and Math	Calcium Induced Differentiation of Mouse Embryonic Stem Cells into Cardiomyocytes
Luke Vera	Dr. Joy Goto	Chemistry	Science and Math	Amyloid-B Production in Human Neuronal Cells Exposed to an Environmental Neurotoxin
Lulu Wong	Dr. Jason Bush	Biology	Science and Math	Evaluation of cancer stem cell characteristics in cultures derived from pancreatic ductal adenocarcinomas
Christian Ybarra	Dr. Kevin Kuswa	Communication	Arts and Humanities	Nuke Speak and Debate as Policy

Shayan Zoghi	Dr. Joy Goto	Chemistry	Science and Math	Analysis of BMAA Impact of Learning/Memory and Biochemical Protein Processing in <i>Drosophila melanogaster</i>
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