

Student's Name	Instructor's Name	Department	College	Title
Mala To	Anil Shrestha	Plant Science	JCAST	Effect of Light Intensity on the Efficacy of Apostemergent Herbicides on Hairy Fleabane (<i>Conyza Bonariensis</i>)
Armando Guzman	Anil Shrestha	Plant Science	JCAST	Evaluation of Pre-Emergence Herbicides for Control of Palmer Amaranth (<i>Amaranthus Palmerii</i>)
Sarah Parry	Jorge M. Gonzalez	Plant Science	JCAST	Study of the Courtship Behavior of Polyphagous Parasitoid Wasps
Nathan Reetz	Joseph Ross	Biology	CSM	The Study of Male Transmission of Mitochondrial DNA Through Fluorescence
Jarod Smith	Jorge M. Gonzalez	Plant Science	JCAST	Determining Effects of Plastic Mulch in Lifespan and Yield of Two Crops (Lactuca sativa, Asteraceae) and Solanum lycopersicum, Solnaceae)
Eduardo Padilla	Anil Shrestha	Plant Science	JCAST	Determining Glyphosate resistance in Palmer Amaranth (<i>Amaranthus palmerii</i>) populations of the San Joaquin Valley
Sergio Franco	Stephanie Moore-Reed	Kinesiology	CHHS	Orthopaedic Outcomes in Patients with Shoulder Injury
Christipher Morazan	Stephanie Moore-Reed	Kinesiology	CHHS	Orthopaedic Outcomes in Patients with Knee Injury
Cameron Khalili	Deify Law	Mechanical Engineering	LCOE	Numerical Study of Effect of Air Volume Fraction on Pressure Drop in Upward Vertical Two-Phase Air-Water Pipe Flow
Julie Pedraza	Jorge M. Gonzalez	Plant Science	JCAST	Study of Nanoparticles Distribution through the Biology of Solenopsis Xiloni Colonies Through Food and Their Behavioral Response to the Introduction of Nanoparticles.
Richard Adams	Oscar Vega	Mathematics	CSM	Stochastic Analysis of the Game Grim.
Kaitlayn Sims	David Vera	Economics	CSB	Analysis of Californians' Perception on Immigration and Immigration reform
Fabian Galvan	Anil Shrestha	Plant Science	JCAST	Effect of Growth Stage on the Tolerance of Palmer Amaranth (<i>Amaranthus palmerii</i>)
Mauricio De Almeida	Jorge M. Gonzalez	Plant Science	JCAST	Study of Nanoparticles Impacts in a Hydroponic Plant-Insect System.
Hanson Mouanoutoua	Joseph Ross	Biology	CSM	Paternal Mitochondrial Inheritance in <i>Caenorhabditis briggsae</i>
Janae Dixon	Oscar Vega	Mathematics	CSM	Algorithmic Study of a Discrete Dynamic System on a Network.
Alan Suarez Garcia	The Minh Nguyen	Mechanical Engineering	LCOE	Testing and Design Analysis of Biomedical Prosthetic Knee with Magnetorheological Fluid.
Andrew de la Pena	Carmen Caprau	Mathematics	CSM	Virtual Singular Braids and Tangles
Sarah MCGahan	Carmen Caprau	Mathematics	CSM	Polynomial Invariants for Virtual Knots
Aramayis Orkusyan	Doreen De Leon	Mathematics	CSM	Determining an Optimal "Inoculation Scheme" for Preventing the Spread of Computer Viruses.
Manuel Lopez	Doreen De Leon	Mathematics	CSM	Optimal Immunization Scheme for Flu Vaccine
Brennen Fagan	Doreen De Leon	Mathematics	CSM	Inoculation of Computers in an Organization.
Daniel Hairabedian	The Minh Nguyen	Mechanical Engineering	LCOE	Parkinson's Disease Tremor Control with Electroactive Polymers - Hardwared Development.
Zuleth Francis Lucero Quijada	Annabella Espana-Najera	Chicano & Latin American Studies	COSS	Career Politicians in Unstable Party Systems.
Andrew Shaffer	Cory Brooks	Chemistry	CSM	Crystallization of Liver X Receptor in Complex with Drug Candidates.
Akexi Kimura	Cory Brooks	Chemistry	CSM	Cloning and Expression of Listeria Internalin Proteins.
Samariah Bautch	Cory Brooks	Chemistry	CSM	Stability and Proteases Resistance of Camelidae Nanobodies for the Development of Oral Therapeutics.

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Samuel Johnson	Christopher Pluhar	Earth & Environmental Sciences	CSM	Isotopic and Paleomagnetic Analysis of the Miocene Huttoon Creek Tuff with Implications for Mono Basin Structural Evolution.
Daniel Cronin	Jason Bush	Biology	CSM	Investigating Biomarkers in Angioinvasive Follicular Variant of Papillary Thyroid Cancer Associated with an Aggressive Tumor Type.
Carrie Tambo	Jason Bush	Biology	CSM	Metabolic Profile of Irradiated Embryonic Stem Cells.
Alexander Tran	Jason Bush	Biology	CSM	Analyzing mi-RNA Profiles and Activity from Multiple Cancer Cell Populations.
Kenya Covarrubias	Jason Bush	Biology	CSM	Evaluating the levels of genes involved in the glycine synthesis pathway in a breast epithelial model system
Philip Kingsford	Jason Bush	Biology	CSM	Cancer Cell Irradiation
Joshua Keith	Qiao-Hong Chen	Chemistry	CSM	Structure-Activity Relationship Studies on Curcumin-Based Anticancer Agents.
Jay Joel Fernandez	Qiao-Hong Chen	Chemistry	CSM	Synthesis of Curcumin Analogs as Anti-Cancer Agents.
Scott C. Mitchell	Christopher Pluhar	Earth & Environmental Sciences	CSM	Investigation of Regional, Wide-Area Deformation of the Granitic Central Sierra Nevada Batholith in the Vicinity of the Stanislaus River, Calaveras County, CA.
Esteban Ignacio Paredes Aulestia	Pei-Chun Ho	Physics	CSM	Synthesis and Characterization of Neodymium and Gadolinium Nanoparticles.
Leonardo Velazco-Cruz	Joseph Ross	Biology	CSM	Developmental Delay Genotyping in Caenorhabditis Broggsae.
Johnny J. Vang	The Minh Nguyen	Mechanical Engineering	LCOE	Parkinson's Disease Tremor Control with Electroactive Polymers - Simulation and Control.
Carlos Moreno	Ming Li	Computer Science	CSM	I-RISE Intelligent Real-Time In-Home Stroke Rehabilitation System.
Taylor McCullough Hunter	Pei-Chun Ho	Physics	CSM	Heat Capacity Measurement of Filled Skutterudite Compounds.
Ariana Allyn Willingham	James Mullooly	Anthropology	CSS	The Role of Zoos in Conservation, Preservation and Education.
Shervin Zoghi	Maziar Ghazinejad	Mechanical Engineering	LCOE	Synthesis and Characterization of Graphene Materials
Kevin Leong	Young Wook Kim	Electrical Engineering	LCOE	Tracking and Locking Target by Using High Frequency Radar
David Tollakson	Balaji Sethuramasamyraja	Industrial Technology	JCAST	Development of Application Control System for Variable Rate Sprinklers on Center-Pivot Irrigation Systems for Precision Agriculture.
Christy Jiemin Chen	Deify Law	Mechanical Engineering	LCOE	Computational Data Acquisition of Air Flow through Registers for Heating, Ventilating, and Air Conditioning (HVAC) Applications.
Emily Bowers	David Vera	Economics	CSB	Banking Consolidation and Changes in Banks' Portfolio, Coincidence or the Genesis of Financial Instability.

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Mieka Louise Kos	Steven Hart	Literacy, Early, Bilingual & Special Education	KSOEHD	Effects of Service-Learning on Student Reading Development.	
Phonemany Ounkham	John V.H. Constable	Biology	CSM	Secondary Chemistry of the Newly Identified Sunflower Species Helianthus Winteri.	
Andrew Hoover	Qiao-Hong Chen	Chemistry	CSM	Hybrids of Curcumin and Genistein as Anticancer Agents.	
Austin Mendoza	Hwan Youn	Biology	CSM	Understanding the Protein-DNA Interactions for CRP Homologs Usings SELEX.	
Karina Hernandez	Jason Bush	Biology	CSM	Zolendronic Acid (ZOL) Effects Under Hypoxic Conditions in Bone Metastatic Breast Cancer.	
Jose Acosta	Jason Bush	Biology	CSM	Analysis of HIFI-Alpha Inhibitors in 3D Spheroid Culture of Bone Metastatic Breast Cancer.	
Chayce Hartung	John V.H. Constable	Biology	CSM	Mycorrhizal Symbionts and Pathogen Resistance in High Value Tomato Crops	
Danielle Baker	Michael Botwin	Psychology	CSM	An Act Frequency Approach to Mating Intelligence.	
Casey Walker	Aly Tawfik	Civil and Geomatics Engineering	LCOE	Using GIS to Model and Evaluate Impacts of Autonomous Vehicles on the Transportation System in Fresno City.	
Matthew Pomaville	David Lent	Biology	CSM	Assessment of Complex Learning in Periplaneta Americana	
Tyler Launer	Mohammad Rahman	Public Health	CHHS	Barks and Bytes: Identifying the Growing Dependence and Psychological Implications of Internet Usage Among Fresno State Students.	
Mercedes Gonzalez	Henry Delcore	Anthropology	COSS	Factors Affecting Tablet Adoption by Fresno State Students.	
Julio Perez	Steve Blumenshine	Biology	CSM	River Substrate Effects on San Joaquin River Lower Trophic Levels.	
Karen A. Boortz	Steve Blumenshine	Biology	CSM	Field Experiment to Determine if San Joaquin River Production Is limited by Riverbed Material.	
Jensen Verhalen	Steve Blumenshine	Biology	CSM	Use of Oxygen Stable Isotopes as a Tracer of Fish Movements Rivers.	
Cheyenne Hefley	Steve Blumenshine	Biology	CSM	Spatial & Temporal Variation in SJR water $\delta^{18}O$ and Fish Movement	
Shayan Zoghi	Joy Goto	Chemistry	CSM	Analysis of BMAA Impact of A-beta 40/42 Peptide Expression in Drosophila Melanogaster.	
Caroline Vidal	Alejandro Calderon-Urrea	Biology	CSM	DNA Extraction Using Maxwell 16	
Katrina Ortega	Annabella Espana-Najera	Chicano & Latin American Studies	COSS	Analyzing Anti-Violence Policies in Guatemala.	
Geil Merana	Laurent Dejean	Chemistry	CSM	The Effects of Central Valley pm Sample Extract on ROS Production and HO-1 Concentration.	
Miriam Hernandez	Alejandro Calderon-Urrea	Biology	CSM	Luminex Based Simultaneous Detection and Quantification of Nematode Species in Soil Samples.	
Rocio Solis Hernandez	William Skuban	History	COSS	Cultural and Political Influence of the Catholic Church in Latin America: The Cases of Mexico and Chile.	
Leah Buchnoff	Michelle DenBeste	History	COSS	Russians in the Central Valley.	
Eduardo DeLa Torre	Qiao-Hong Chen	Chemistry	CSM	Synthesis and Cytotoxic Evaluation of Genistein Analogs as Anticancer Agents.	
Leyla Farshidpour	Alejandro Calderon-Urrea	Biology	CSM	Testing Transformed Dunaliella Primolecta in Different Media.	
Alexandra Saxberg	Joy Goto	Chemistry	CSM	Analysis of Insect Repellants using Drosophila Melanogaster.	
Shahram Aghaei	Santanu Maitra	Chemistry	CSM	apoE Modulation in the Brain.	
L:\laraine-F\Dr. Nef\Undergraduate Research\Grants 2014-2015\Grant Spreadsheet for 2014-2015	Irina kuchkovskaya	Santanu Maitra	Chemistry	CSM	apoE Inhibition in the Brain.

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Arnold Muradyan	Pei Chun Ho	Physics	CSM	Thermoelectric Properties of Rare Earth Nanoparticles.
Kristopher Kubota	Mara Brady	Earth & Environmental Sciences	CSM	Comparison of Middle Upper Devonian Stromatoporoid Fossils with Deposition Rates.
Edgar Gevirgyan	Santanu Maitra	Chemistry	CSM	Synthesis of a Series of Analogs of Triarylmethyl amine to Modulate Apolipoprotein E for Alzheimer's Therapy.
Stacy Han	Karine Gousset	Biology	CSM	Protein Interactions with the F2 Domain of Myosin X.
Nisha John	Santanu Maitra	Chemistry	CSM	Synthesis of Second Generation Organic molecules for apolipoproteinE Modulation Project Timeframe.
Alejandro Hernandez	Alejandro Calderon-Urrea	Biology	CSM	Nutrient Requirements and Stressors of the Oleogenic algae D. Primolecta
Anisa Anh Luong	Stephanie Ryan	Art & Design	CAH	Envisioning Women
Joy Aparicio Valenzuela	David Lent	Biology	CSM	Behavioral assays to study deficits in spatial cognition in Drosophila melanogaster.
Daniel Ochoa	Mara Brady	Earth & Environmental Sciences	CSM	Sediment Transport and Flow Relationships in the San Joaquin River Restoration.
Omoshola Aleru	Mamta Rawat	Biology	CSM	Identification of New Cyanobacterial and Bacillus Species.
Natsinet Ghebrendrias	Mamta Rawat	Biology	CSM	Identification and Characterization of Genes Resistant to Anti-Tuberculosis Agents: Isoniazid and Ethionamide.
Alisha N Ramlan Hussanin	Mamta Rawat	Biology	CSM	Identification of Disrupted Genes in Malachite Green & Diamide Sensitive Mycobacterium smegmatis mutants.
Samantha (Sam) Hartanto	Mamta Rawat	Biology	CSM	Evaluation of the Role of thiol S-transferases in the Antimicrobial Properties of Curcumin.
Susan Hertfelder	Robert Dundas	Earth & Environmental Sciences	CSM	Taphonomy of the Fairmead Landfill Fossil site, Madera County, CA.
Russell Berndt	Michelle DenBeste	History	COSS	Russians in the Central Valley.
Victoria Fielder	James Mullooly	Anthropology	COSS	Student Life: How do Students Feel Like They Belong to Fresno State University.
Talon Trecek	Quinn McFrederick	Biology	CSM	Multi-Locus Sequence Typing of California Streptococcus Suis Isolates in Bovine.
Brian Llamas	Wei Wu	Construction Management	LCOE	Analytical and Conceptual Research for Improving Productivity of Construction Field Operation Using Google Glass Applications.
Hunter Dias	Wookni Na	Electrical and Computer Engineering	LCOE	Solar Panel and DC/DC Converter for Charging 5V Units at Different Amperages.
Keon McDonald	Wookni Na	Electrical and Computer Engineering	LCOE	Solar Panel and DC/DC Converter for Charging 5V Units at Different Amperages.

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Shauna Dauderman	Christine Edmonson	Psychology	CSM	The Effect of Psychosocial Stressors on College Student Development
Daniel Ojeda Juarez	Jason Bush	Biology	CSM	miRNA Analysis as Method to Identify Gene Expression Differences Between Breast Cancer Cells and Normal Breast Cells.
Alicia Bernardino	William Wright	Civil and Geomatics Engineering	LCOE	Bioplastic Reserarch
Hilary Pacheco	Samina Najmi	English	CAH	Immigration, Feminism, and Diaspora in American Literature: A Study of the Multicultural Woman.