

18th Annual Student Research Day

Friday, April 28, 2023
11:00am to 2:00pm
Duncan Hall Ground Floor Breezeway



College of Science Student Research Day is our annual showcase of original research by students working with COS faculty. You are invited to view their posters and discuss the projects with the student researchers and their faculty mentors.

Sponsored by the SJSU College of Science, with additional support from the SJSU Division of Research & Innovation

The event is wheelchair accessible

PROGRAM
SJSU 18TH COLLEGE OF SCIENCE STUDENT RESEARCH DAY (SRD18)
APRIL 28, 2023

(poster #, title, authors)

1. List of students from COS research groups who are matriculating to graduate or professional programs.

Department of Biological Sciences

2. Effect of Sympathetic Neurotransmitters on Muscle Spindle Afferent Sensitivity to Muscle Stretch in Adult Mice.
Teodomiro Gomez, Serena Ortiz, Arthur Harnisch, Timothy Andrade, Mehek Parghi, Alexandra Salazar, Phylcia Sanchez, Sonika Saraiya, Erika Snyder, Maya Vallinayagam, Steven Valdespino
Faculty: Katherine Wilkinson
3. Identification of a Potential Therapeutic Target to Prevent Chemotherapy Induced Peripheral Neuropathy.
Hoang-Vi Vu, Giselle Martinez, Martina Reyes, Sherry Tsai
Faculty: Katherine Wilkinson
Collaborators: Aleksandra V. Chudinova, Miriam B. Goodman; Stanford University
4. NaV 1.1 is Necessary for Normal Muscle Spindle Afferent Firing During Stretch in Mice.
Serena Ortiz
Faculty: Katherine Wilkinson
Collaborators: Cyrrus Espino, Theanne N. Griffith, UC Davis
5. The Enhancement of CRISPR-Cas9 Gene Editing using Metformin.
Raquel M. Hall, Jaedyn L. Rollins, Clara J. Lemus, Donald Hanneman
Faculty: Jennifer Johnston
6. Incorporating the RhD Locus as a Safe Harbor in CRISPR-Cas9 Gene Editing Protocols for Monogenic Blood Disorders.
Jaedyn L. Rollins, Juan F. Sanchez, Tamia Turner
Faculty: Jennifer Johnston
7. The Isolation and Culture of Primary Fibroblast Fence Lizard Cells.
Angela Chun, Syd Cortez, Saniyah Ghoghari, Kristen Lam, Mohamed Moustafa, Joseph Nguyen, Harshmeet Singh, Emma Wen
Faculty: David Ensminger
8. The Regulation of Glucagon Secretion by Sirtuin 4.
Evan Do, Amy Luong, Joanne Khau, Alex Nguyen
Faculty: Frank Huynh
9. Home Ignition Zone Wildfire Mitigation Impact on Fuels and Plant Composition.
David Benterou, Kanako Kato
Faculty: Kate Wilkin
Collaborators: Will Russell, Amanda Stasiewicz
- 9A. Exploring Resident Understandings of and Challenges with Wildfire Risk and Mitigation Activities Around Homes
Daniel Jacobson, Christian Tensuan, Nathan Krisman
Faculty: Kate Wilkin

Collaborators: Amanda Stasiewicz

10. Preliminary Genetic Results for Phi-6 Cystovirus Undergoing Different Heat Shock Treatments.
Sara Nayeem, Sarosh Syed, Pranav Babu, Sanika Samel,
Faculty: Sonia Singhal
11. Determining Characteristics of a Novel Bacteriophage and Applications to Combat Antimicrobial Resistance.
Edward Rimon Hayek, Ervin Franco Bose, Akiko Kaitlin Balitactac, Wendy Lee, Robert Fowler, Steven White
Faculty: Sonia Singhal
12. Increased Intracellular pH Promotes Cell Death In The Developing *Drosophila* Eye.
Juan Reyna Pacheco, Rachel Soriano, Joanne Mendez, Daniel Orozco, Blake DuPriest, Jobelle Peralta
Faculty: Bree Grillo-Hill
13. A Basic Paradox: Increased Intracellular pH Promotes Proliferation and Cell Death.
Carly Montan Stein, Liz Lopez, Kimberly Nguyen, Emilio Morales, Hillary Gates
Faculty: Bree Grillo-Hill
14. Identifying Proteins that Mediate Cellular Behaviors in Response to Higher Intracellular pH.
Laura Martins, Ramy Wong, Daniel Orozco,
Faculty: Bree Grillo-Hill
15. Enrichment for Rare and Novel Bacteria in The Human Oral Microbiome with CRISPR-Cas9.
Marianna Velasco, Kaori McDaniel, Leif Greene, William Huang
Faculty: Cleber Ouverney
16. Characterizing the Human Oral Microbiome Diversity Based On Two Sequencing Methods.
Akiko Balitactac, Alexis Flores, Ethan Guidicotti, Diana Moreno, Muhammad Rashid, Thi Nguyen, Valery Sanchez, Tiffany Tran,
Faculty: Cleber Ouverney
17. Pneumolysin-Induced PMN Transmigration and Disruption of Airway Epithelium Adherens Junctions.
Tarek Jakoush, Jasmin Do, Vivian Nguyen, Crystal Luong, Janessa Caroza, Katherine Coll, Nicole Homez, Gurbir Kaur, Suhanee Zaroo, Ryan Yee, Michelle Quach, Theodore Nguyen
Faculty: Walter Adams
Collaborators: Shuying Xu (Department of Molecular Biology and Microbiology, Tufts University, Boston, MA), John M Leong (Department of Molecular Biology and Microbiology, Tufts University, Boston, MA), and Rod K Tweten (Department of Microbiology & Immunology, University of Oklahoma, Oklahoma City, OK)
18. Creation and Application of Python Algorithm to Measure Intercellular Junction Organization.
Devons Mo, Nicole Homez, Tarek Jakoush, Vivian Nguyen, Jasmin Do, Janessa Caroza, Suhanee Zaroo, Gurbir Kaur, Crystal Luong
Faculty: Walter Adams
Collaborators: Shuying Xu (Department of Molecular Biology and Microbiology, Tufts University, Boston, MA), Juan P. Rosa Cortes (University of Puerto Rico, Cayey PR 00737), and Shakir Hasan (Original affiliation: Institute of Microbiology of the CAS, v. v. i . Videnska 1083, 142 20 Prague, Czech Republic. Current address: Department of Immunology, University of Toronto, Toronto, ON, Canada)
19. Transcript-specific Effects of Developmental Ethanol Exposure on the Expression of Chromatin-Modifying Genes in *Drosophila*.
Joshua A Marsh, Jodi Nguyen, Sanjana Anam, Rohit Radhakrishnan, Vivian Dang, Erica Lei

Faculty: Rachael French

20. Does Developmental Ethanol Exposure Trigger Neurodegeneration? The Interaction Between Ethanol and Mutations Causing Neurodegeneration in *Drosophila*.
Navneet Sanghera, Monica Flores Tapia, Reza Almassi, Aylia Abbas
Faculty: Rachael French
21. Detection of the Nitrite Reductase Gene in Bacterial Communities Along a Precipitation Gradient.
Francesca Torres, Matthew Perry
Faculty: Sabine Rech
22. Impacts of Feral Cats on Local Urban Wildlife Populations.
Julia Casio, Vanessa Chavez-Sinks, Vanessa Guido, Avery Lee, Yvonne Luong, Giovanni Quezada, Monica Rodriguez, Brigitte Scott, Sierra Sowa
Faculty: Jessica Castillo Vardaro
23. How Does Human Density and Proximity to Natural Areas Impact Predator Prey Relations in Two Urban Environments
Julia Casio, Vanessa Chavez-Sinks, Vanessa Guido, Avery Lee, Yvonne Luong, Giovanni Quezada, Monica Rodriguez, Brigitte Scott, Sierra Sowa
Faculty: Jessica Castillo Vardaro
24. Adenovirus-Based Tools to Enable Cardiomyocyte-Specific Imaging Using Digital Holographic Microscopy of Heterogeneous Primary Cultures.
Herman Huang, Ayessa Gomez, Andrew Caampued
Faculty: Alexander Payumo
25. Towards Investigating the Role of FOS Like 1 (FOSL1) as a Regulator of Mammalian Cardiomyocyte Proliferation and Motility.
Kevin Agpoon
Faculty: Alexander Payumo
26. Regulation of Cardiomyocyte Cell Cycle Activity, Binucleation, and Polyploidization by Thyroid Hormones.
Ines Ross, Nanak Pabla
Faculty: Alexander Payumo
27. Collections-based Research on Insect Evolution and Biomechanics at the J. Gordon Edwards Entomology Museum.
Julian Cortez, Katherine Palomino, Dimitry Vartan
Faculty: Fred Larabee
28. Effect of Urbanization on the California Gull Microbiome.
Amy Parsons, Mike McFarlin, Cole Jower
Faculty: Scott Shaffer, Cleber Ouverney
Collaborators: Michael McFarlin, Cole Jower
29. *C. elegans* Exhibit Postembryonic Activity-Dependent Synapse Formation.
Sophia Akitt, Decklin Byrd, Fabiola Briseno, Sukhdeep Kaur, Veronica Bi, Aruna Varshney, Cibelle Nassif, Josiah Graves, Vanessa Garcia
Faculty: Phil Heller, Martina Bremmer, Miri VanHoven
30. Olfactory synapses are modulated by odor training and sleep in *Caenorhabditis elegans*.

Vanessa Garcia, Emma Odisho, Emily SooHoo, Kateryna Tokalenko, Fabiola Briseno, Andrew Bykov, Decklin Byrd, Brandon Fung, Hazel Guillen, Malcolm Harris, Sukhdeep Kaur, Anirudh Bokka, Cibelle Nassif, Fatima Farah, Vanessa Jimenez, Anjana Baradwaj, Sara Alladin, Kelli Benedetti
Faculty: Martina Bremer, Miri VanHoven
Collaborators: Noelle L'etoile (UCSF Department of Cell and Tissue Biology)

31. Implementation of CRISPR Cas9 gene editing for *Methylobacterium extorquens* AM1.
Nadiya Vysotska, Anjali Chauhan, Raquel Hall, Richard Ngo, Karen Garcia Guerra
Faculty: Jennifer M. Johnston, Elizabeth Skovran

Department of Chemistry

32. Synthesis of Well-defined Poly(tert-butylacrylate) and Poly(tert-butylstyrene) Star Polymers and Applications in Catalysis.
Kathleen Huynh, Melanie Gonzalez
Faculty: Madalyn Radlauer
33. Characterization of a Switch-Like Region in hSIRT1.
Britney Nguyen, Brooke Bellinghausen, Richard Pearson, Benjamin Strauss
Faculty: Brooke Lustig
Collaborator: Jonathan Oribello (NASA)
34. Inhibition of Quorum Sensing in *Chromobacterium violaceum*.
Adrian Blancas, Mia Guraydin, Natalie Hendrix
Faculty: Laura Miller Conrad
35. Tracking Antibiotic Resistance Development in *Pseudomonas aeruginosa* with Colistin and Adjuvant Treatment.
Mayura Panjalingam
Faculty: Laura Miller Conrad
36. Combatting *Pseudomonas aeruginosa* with Antibiotic Adjuvants.
Frank Lee, Chad Buteo, Nihar Patel
Faculty: Laura Miller Conrad
37. Decomposition of Glyoxal and Methylglyoxal Oligomers in Aerosols Driven by Dilution During Cloud Formation.
Alejandro Municio, Esmeralda Mendoza Corrales, Brian Ta, Kimberly Houghton, Rasha Alnajjar, Weston Schweitzer
Faculty: Annalise Van Wyngarden
38. Aging of Organic Oligomer Films Formed on Sulfuric Acid Solutions at Upper Troposphere/Lower Stratosphere (UT/LS) Aerosol Acidities.
Ethan Guidicotti, Anureet Chahal, Rianna Farahani, Sean Colina, Kristine Chai, Kathy Tong, Thuy Tran, Thomas Nelson
Faculty: Annalise Van Wyngarden
39. Investigating the Substrate-Dependent Effect of Different Regulator Molecules on SIRT1 Activity.
Andre Phan, Praagna Doddaballapur
Faculty: Ningkun Wang
40. Quantifying the Effect of Phosphorylation on the Interactions Between Motif A and the Rest of SIRT1.
Adorina Shahbazi, Ayan Mohamed
Faculty: Ningkun Wang

41. Characterizing a Tissue-restricted Isoform of Human SIRT1.
Malvika Kapadia, Emily Quach
Faculty: Ningkun Wang
42. Probing the phase space of reactive trajectories using interpretable machine learning and ab initio molecular dynamics.
Heekun Cho, Shubhankar Shahade
Faculty: Gianmarc Grazioli
Collaborator: Saswata Roy (Rutgers University)
43. Simulated Mechanical Testing of Amyloid Fibril Structures with Steered Molecular Dynamics.
Adam Ingwerson, David Santiago, Inika Bhatia, Andy Tao, Asia Pham, Justin Prado, Andy Bui
Faculty: Gianmarc Grazioli
44. A Genetic Algorithm for Evolving Amyloid Fibril-producing Network Hamiltonian Coarse-grained Models of Molecular Self-assembly.
Andy Tao, Inika Bhatia, Patrick Regan
Faculty: Gianmarc Grazioli
45. Why Is This Ligand Weird? Understanding the Coordination Chemistry of Verdazyl Free Radicals.
Taylor Jackson, Nhu Lai, Nadia Palomeres, Shouq Amultairi, Alejandro Hererra
Faculty: David Brook
Collaborators: Vincent Robert, Université de Strasbourg. Cyrille Train, CNRS-LNCMI, Grenoble. Sebastian Stoian, University of Idaho Moscow, Idaho. Stefano Agrestini, Eric Pellegrin, ALBA Synchrotron, Barcelona.
46. Production and Characterization of Bismuth Targets For Nuclear Reaction Studies.
Melanie Segura Guerrero, Luca Le
Faculty: Nicholas E. Esker
Collaborator: Melanie Segura Guerrero - College of Engineering, Department of Chemical and Materials Engineering
47. Sub-1nm Boron Layers on High-Pressure High-Temperature Nanodiamonds.
Krishna Govindaraju , Nicole Martin , Mychelle Estanilla , Harvey Yamada , Morgan Ma , Alana Washington , Andrew Thac Dang Vu , Daniel Labunsky , Virginia Altoe ,
Faculty: Abraham Wolcott
Collaborators: Dennis Nordlund and Sang-Jun Lee , Stanford Synchrotron Radiation Lightsource, SLAC Virginia Altoe, The Molecular Foundry Lawrence Berkeley National Laboratory
48. Expanding the Library of Functional Amines Reacted on Nano-Diamond Surfaces Using a Bromide Intermediate.
Camron Stokes , Tsz Cheung , Joy Drew , Nivita Susendran , Anoushka Lakshmi , Muhammed Qasim , Grace Drew ,
Faculty: Abraham Wolcott
Collaborators: Sami Sainio , Sang-Jun Lee , Dennis Nordlund, Stanford Synchrotron Radiation Lightsource, SLAC
49. Use of Sulfo-NHS/EDC Coupling Reactions to Generate Diamond-Gold Conjugates for Plasmonic Enhancement.
Steven Teddy , Nicole Martin , D'Enjoli Cox , Rina Kawamura , Nawal Sugul ,
Faculty: Abraham Wolcott

Collaborators: Virginia Altoe , The Molecular Foundry, Lawrence Berkeley National Lab; Roland Barbosa , Covalent Metrology; Yanika Schneider , EAG and SJSU; Dennis Nordlund , Sang-Jun Lee , Stanford Synchrotron Radiation Lightsource, SLAC

50. Rechargeable Zinc Batteries with Electroactive Polymer Cathodes
Alexander Vazquez
Faculty: Philip T. Dirlam
51. Controlled Polymerizations with Iodostyrene Towards Functional Materials
Tien Nguyen, Samantha Chin, Michelle Cao, Ming Hoang Huynh
Faculty: Philip T. Dirlam
52. Natural Products from California Native Plants: *Emmenanthe penduliflora*, *Grindelia stricta* and *G. camporum*.
Miriam Coulthurst, Natalie Kapfenstein, Andrew Lelina, Thanh Nguyen, Asia Pham
Faculty: Roy K. Okuda

Department of Computer Science

53. Concept Drift Detection in Android Malware.
Inderpreet Singh
Faculty: Mark Stamp
54. Classifying World War II Ciphers using Machine Learning.
Brooke Dalton
Faculty: Mark Stamp
55. Predicting Pedestrian Crosswalk Behavior Using Convolutional Neural Networks.
Eric Liang
Faculty: Mark Stamp
56. Bridging Web Authentication to OpenVPN.
Patricia Z Saito, Karthik M Manishankar
Faculty: Ben Reed
57. Bias Detector Tool for Face Datasets.
Jatin Battu
Faculty: Nada Attar
58. Eye Movements Behaviors in a Driving Simulator during Simple and Complex Distractions.
Pradeep Narayana
Faculty: Nada Attar
59. Beyond 5G Wireless.
Srajan Gupta, Akshay Ravi, Aditya Kulkarni, Madhujita Ranjit Ambaskar, Gokul Chowdary Garikipati, Gowtham Chandrasekaran, Vinay Khade
Faculty: Navrati Saxena
Collaborator: Dr. Abhishek Roy, Director, Advanced Communications Technology, MediaTek USA Inc.
60. Intelligent AI/ML Systems for Health and Security.
Akshay Ravi, Gowtham Chandrasekaran, Gokul Chowdary Garikipati, Vinay Khade
Faculty: Navrati Saxena
Collaborator: Dr. Abhishek Roy, Director, Advanced Communications Technology, MediaTek USA Inc.

61. Advancements in 5G Wireless Networks.
Srajan Gupta, Aditya Kulkarni, Madhujita Ranjit Ambaskar
Faculty: Navrati Saxena
Collaborator: Dr. Abhishek Roy, Director, Advanced Communications Technology, MediaTek USA Inc.
62. Container Caching Optimization based on Explainable Deep Reinforcement Learning.
Saad Jeelani, Divyashree Jayaram
Faculty: Genya Ishigaki
63. Blocking Probability Estimation for Elastic Network Slicing.
Nitin Datta Movva
Faculty: Genya Ishigaki
64. LSTHMM and HMM Random Forests for Malware Classification.
Ritik Mehta
Faculty: Mark Stamp and Genya Ishigaki
65. Identifying and Characterizing Sequencing Artifacts in Next-generation Sequencing Data Using Machine Learning Methods.
Kathy Lam, Hannele Padre, Luc Tang, David Zhou, Felix Mbuga
Faculty: Wendy Lee
66. Fake News Analysis using NLP and Graph Classification.
Warada Jayant Kulkarni
Faculty: Katerina Potika
67. Context Aware Neural Machine Translation Using Graph Encoders.
Saurabh Kale
Faculty: Mike Wu, Robert Chun, and William Andreopoulos
68. Image Classification Using Ensemble Modeling and Deep Learning.
Kaneesha Gandhi
Faculty: Mike Wu, William Andreopoulos
Mohit Gupta (Microsoft)
69. Multi-Label Text Classification with Transfer Learning.
Likhitha Yelamanchili
Faculty: Mike Wu, Chris Pollett, and Robert Chun
70. Dynamic Camera Field Of View Extension for Real Time Applications.
Matthew Gerlits
Faculty: Melody Moh and Teng Moh
71. Comparing the Effects of Bisphenol A and Bisphenol A Alternatives in Estrogenic and Non-Estrogenic Dependent Pathways.
Aarohi Chopra, Manasa Gadepalli, Hannah DeBaets
Faculty: Wendy Lee
Collaborator: Kimberly Mulligan
72. Disconnected Data Distribution for Modern Applications.
Anirudh Kariyatil Chandakara, Deepak Munagala, Abhishek Gaikwad, Aditya Singhanian, Shashank Hegde
Faculty: Ben Reed
73. Social Media Bot Detection Using GANS.

Anant Shukla
Faculty: Fabio Di Troia, Mark Stamp

74. Disaster and Urgency Detection from Social Media Messages using Natural Language Processing.
Pooja Krishan
Faculty: Faranak Abri
75. Investigation of the Twitter Followers Distribution.
Mohit Sonwane, Fei Pan
Faculty: William Andreopoulos
76. Visualizing BERT Activation Vectors to Find Errors.
Talin Ray, Vedashree Bhandare
William Andreopoulos

Department of Geology

77. Contrasting Origins of Serpentinites in the Diablo Range Segment of the California Coast Ranges.
Jorge Gomez, Brent Lee, Desiree Valenzuela
Faculty: Ellen Metzger
Collaborator: John Wakabayashi, California State University, Fresno
78. The Construction, Emplacement, and Structure of Cretaceous Plutons in the Ebbetts Pass Region, North-Central Sierra Nevada Batholith.
Hollianne McClure
Faculty: Robert B. Miller
79. Structure of the South-Central Skagit Gneiss Complex: Implications for Transient Weakness in the Mid-Crust of a Continental Magmatic Arc.
Jeffrey Wegener
Faculty: Robert B. Miller
Collaborator: Stacia Gordon, University of Nevada - Reno
80. Ecological Shift Through the KPg Boundary at Ellis Sand Pit, MS
Derek Godoy, Frankie Gutierrez
Faculty: Carlie Pietsch
Collaborators: Cori Myers UNM, Sierra Petersen UM, James Witts Bristol
81. Ecological Study of the Upper Maastrichtian Owl Creek Formation.
William Rizza, Natalia Segura-Valenzuela
Faculty: Carlie Pietsch
Collaborators: Cori Myers UNM, Sierra Petersen UM, James Witts Bristol
82. Ecological Change of Shallow Marine Invertebrates Across the Cretaceous-Paleogene Mass Extinction Event.
Page Thibodeaux, Kendall Grajeda-Klingler, Aminah Manning
Faculty: Carlie Pietsch
Collaborators: Cori Myers UNM, Sierra Petersen UM, James Witts Bristol
83. Root Holes to Water Conduits: Investigating Recharge Potential with Varied Agricultural Management at the University Farm in Chico, CA
Raymond Hess, Nick Riqueros, Nicholas Edholm
Faculty: Nathaniel Bogie

Department of Mathematics and Statistics

- 84. Subgroups of Simple Groups Which Are Not Fixed Point Sets.
Justin T. Hawkins, Tyler Morales, Nathan V. Nguyen, Bob Nguyen
Faculty: Edgar A. Bering IV

- 85. GAN for Fast-Acquisition Microscopy and Few-Shot Learning.
John Cooper
Faculty: Tahir Issa

- 86. Visualizing mixed-type data.
Shaam Madhvani
Faculty: Cristina Tortora
Collaborator: Antonio Punzo

- 87. An Empirical Study of Graph Convolutional Nets for Text Classification
Shayna Gualden
Faculty: Guangliang Chen

Department of Meteorology & Climate Studies

- 88. A Global View of Cloud Phase Distribution Based on Satellite and Aircraft Observations.
Dao Wang
Faculty: Minghui Diao

- 89. Hemispheric Comparison on Cloud Microphysical Properties using Comprehensive Airborne Observations and E3SM.
Ching An Yang
Faculty: Minghui Diao

- 90. Cirrus Microphysical Properties Examined by a Machine Learning Method based on NASA and NSF Aircraft In-Situ Observations.
Derek Ngo
Faculty: Minghui Diao
Collaborator: Ryan Patnaude

Department of Physics and Astronomy

- 91. Numerical Study of the 1/5-Depleted Square Lattice Hubbard Model.
Brendan Stork
Faculty: Ehsan Khatami
Collaborators: Eduardo Ibarra Garcia Padilla, Richard T Scalettar

- 92. Analytical and Numerical Approach to Modeling Ultracold Fermions in Optical Lattices.
Walter Mendoza
Faculty: Hilary M. Hurst

- 93. Bose-Einstein Condensates in AdS Spacetime.
Linh Pham
Faculty: Kassahun Betre

94. "Probing Black Holes Using Neutrinos."
Satinderpreet Singh
Faculty: Kassahun Betre
95. Reforming Nuclear Weapons Policy, Plutonium Problems, and How Physicists Can Help.
Emily Foreman
Faculty: Curtis T. Asplund
96. Scanning Interferometer Aimed at Characterizing Laser Coherence Lengths.
Henry Wahhab, Mariana Rojas-Montoya
Faculty: Christopher L. Smallwood
97. Characterization of Perovskite Solar Cells.
Ian Nepomuceno
Faculty: Christopher L. Smallwood
Collaborators: Saiyantoni Ghosh, Samuel Erickson, Jorge Arteaga, William Delmas (UC Merced)
98. Using Raman Spectroscopy to Characterize Materials.
Hediye Aktas, Adrian B. Barajas, Jae Ho Han
Faculty: Christopher L. Smallwood

Acknowledgements

Thanks to all of the student researchers and their faculty mentors and collaborators for displaying the results of their hard work! This is truly an impressive showcase of the broad range of research activity that takes place within our College.

Preparation for SRD18 involved many colleagues from the College. Rob Pascual, Justin Croly and the COS Computer & Network Services printed most of the posters that were displayed today. Setup, teardown, and related aspects involved Lee Veliz, Mike Stephens, and Matt Geary, as well as a number of faculty and student volunteers. Cher Jones prepared the name tags. Kimberly Boudreaux coordinated the T-shirts and refreshments.

SRD18 was sponsored by the SJSU College of Science and in part by the SJSU Division of Research & Innovation. I would like to acknowledge Dean Michael Kaufman for his support of SRD!

Thanks to Dr. Melody Esfandiari and students of the SJSU Chapter of the Student Affiliates of the American Chemical Society (SAACS) / Chemistry Club for providing refreshments and liquid nitrogen ice cream.

Thanks to everyone who participated and assisted with SRD18!