

2003

Mentor: Afsane Arvand, Postdoctoral Fellow

Mentee: Dominic To, High School Science Teacher

Research group sponsor: G. Cheng, Microbiology, Immunology, and Molecular Genetics

Project title: Generation of HA tagged MEKK1 Construct in DT40 System

Mentor: Paul Bonvallet, Postdoctoral Fellow, UCLA

Asst Prof, Chemistry, The College of Wooster, PBonvallet@wooster.edu

Research group sponsor: F. Stoddard, Chemistry and Biochemistry

Mentee: Kent Miller, East Los Angeles College, UCLA

Project: Crown Ether Synthesis and Functionalization of Polymer Resins

Mentor: Nicola Edwards, Graduate Student,

Postdoctoral Fellow, UT Austin

Research group sponsor: M. Abu-Omar, Chemistry and Biochemistry

Mentee: Megan Loring, UCLA

Project title: The Syntheses and Reactivity of High Valent Iron Imido Complexes: Agents for Nitrogen Atom Transfer

Mentor: Jeanne He, Graduate Student; Postdoctoral Fellow, UCLA, Genentech

Undergraduate Student: Jason Agustun, UCLA

Research group sponsor: G. Cheng, Microbiology, Immunology, and Molecular Genetics

Project Title: Investigation into the Polyubiquitination of Tumor Necrosis Factor Receptor Associated Factors (TRAFs) 3 and 5

Mentor: Dawn Hower, Graduate Student

Research group sponsor: Wenyuan Shi, Dental-Oral Biology, School of Dentistry

Mentee: Rebecca Lopez: Valley Community College

Project Title: Testing the Treponema denticola genomic library in the yeast-two hybrid system

Mentor: Ena Ladi, Graduate Student

Mentee: Gabriela Villegas, East LA College

Research group sponsor: G. Weinmaster, Biological Chemistry

Project Title: Generation of Delta1-Delta3 Chimera

Mentor: Ling Ma, Postdoctoral Fellow

Research group sponsor: M. F. Hawthorne, Chemistry and Biochemistry

Mentee: Frances Wong, High School Science teacher

Project Title: Synthesis and Characterization of Well-defined Highly Boron Containing Closomer as Potential Unimolecular Nanoparticle Delivery Vehicles in BNCT

Mentor: Katherine Macey, Postdoctoral Fellow

Research group sponsor: R. M. Harper, Neuro-biology

Mentee: Julie Magallanes, UCLA

Project Title: Neural Deficits in Children with Sleep Apnea

Mentor: Olson, John , Postdoctoral Fellow
Research group sponsor: G. Payne, Biological Chemistry
Mentee: Berhan Mandefro, Valley Community College
Project Title: Detection of Intersectin Phosphorylation using Anti-phospho-specific Antibodies

Mentor: Colleen Sutton, Graduate Student; Postdoctoral Fellow, University of Ottawa:
Research Scientist, Health Canada, Ottawa, Canada
Research group sponsor: C. S. Foote , Chemistry and Biochemistry
Mentee: Amy Trieu, UCLA
Project Title: Photophysics of Hypericin and a-Crystallin

Mentor: Zhaohui Xu, Postdoctoral Fellow,
Asst Prof, Department of Biological Sciences, Center for Photochemical Sciences
Bowling Green State University; zxu@bgsu.edu
Research group sponsor: J. Gober, Chemistry and Biochemistry
Mentee: Sonny Camarena , LA Harbor College
Project title: The Regulation of Flagellar Biogenesis in in Bacterium *Caulobacter Crescentus*

2004

Mentor: Zorica Scuric, Postdoctoral Fellow;
Research Asst, UCLA, Adjunct Prof, Biology, Santa Monica College
Research group sponsor: Robert Schiestl, Pathology and Lab Medicine
Mentees: Francis Baking, Pierce College, UCLA
Project Title: Characterization of pTRE-end Plasmid DNA by Restriction Analysis and
Optimization of the Plasmid Array

Mentor: Dawn Hower, Graduate Student
Research group sponsor: Wenyuan Shi, Dental-Oral Biology, School of Dentistry
Mentees: Rick Lee, Science High School Teacher
Melissa King, Mt St. Mary's College
Project Title: Cloning of putative methyl-accepting chemotaxis proteins of *Treponema denticola*

2005

Mentor: Sandra Hick, Graduate Student
Research Group sponsor: Ric Kaner, Chemistry and Biochemistry
Mentee: Velveth Klee, Los Angeles Harbor College, UCLA
Project Title: Synthesis of Refractory (high-temperature) Carbides Using Solid-state Metathesis
Reactions

Mentor: Lisa Wesoloski, Graduate Student
Research group sponsor: J. Gimzewski, Chemistry and Biochemistry
Mentee:
Project title: Low Temperature Scanning Tunneling Microscope Tip Manipulations of
Decacyclene Dimers on Cu(111)

2006

Mentor: Anne Simon, Assistant Researcher

Research group sponsor: Dr. David Krantz, Brain Research Institute, Department of Psychiatry and Biobehavioral Sciences, David Geffen School of Medicine

Mentee: Jackie Chou, East Los Angeles College, UCLA

Project title: Social Aggregation Study: Vision is a Modality used for Social Aggregation in *Drosophila*

Mentor: Lisa Wesoloski, Graduate Student

Research group sponsor: J. Gimzewski, Chemistry and Biochemistry

Mentee: Tia Kimbro, Bennett College for Women, Greensboro, North Carolina

Project title: Low Temperature Scanning Tunneling Microscope Tip Manipulations of Decacyclene Dimers on Cu(111)

Mentor: Helen Su, Postdoctoral Fellow

Research group sponsor: Wolfgang Weber, Molecular and Medical Pharmacology, David Geffen School of Medicine

Mentee: Amanda Arminjo, Pierce College, UCLA

Project title: Detection of Phospho-AKT by ELISA Assays

Mentor: Ben Wang, Graduate Student

Research group sponsor: T. Smith, *Ecology and Evolutionary Biology*

Mentee: Jeremiah Bautista, Los Angeles Valley Community College, CSUN

Project: Genetic maternity analysis of dispersed seeds of the African tropical rain forest tree *Antrocaryon klaineianum*

2007

Mentor: Susan Walsh, NIH Postdoctoral Fellow

Research group sponsor: Carla Koehler, Chemistry and Biochemistry

Undergraduate student: Erin Jiminez, Mt. St. Mary's College, Santa Monica College, UCLA

Project title: Signaling in the Mitochondria: The Localization of AKT

Mentor: Phil Haussmann, Graduate Student

Research group sponsor: Fraser Stoddart, Chemistry and Biochemistry

Mentee: Chris Bernardi

Project title: Synthesis of the Molecular Equivalent of the Star of David