

CLASS OF 2009

**ISPs are grouped by project type and alphabetized by the ISP Chair's Department.*

**The overall breakdown is: Analysis of a Scientific or Medical Problem (16); Community Service (6); FCM-ISP (1); Medical Education (12); Scientific Research (56); Other (3).*

**ISP exemptions: Medical Scientist Training Program (3); Ph.D., non-MSTP (1); MPH (2); MS (3); Research Year (5)*

Analysis of a Scientific or Medical Problem

ISP Chair Department	ISP Chair	ISP Title
Medicine	Dresselhaus, Timothy	Development of a Hand-Held Computer Platform for Real-Time Behavioral Assessment of Physicians and Nurses
Medicine	Edelman, Steven	Management of Hyperglycemia in Outpatients with Cancer
Medicine	Montazeri, Michael	Granulocytic Sarcoma of the Small Bowel: A Case Report and Review of Literature
Medicine	Read, William	Do Leucopenia Rates Change after Widespread Folic Acid Fortification in Randomized Controlled Trials of Breast Cancer Chemotherapy?
Neurology	Ances, Beau	HIV and Methamphetamine Have Additive Effects on Functional Magnetic Resonance Imaging Measures
Neurosciences	Galasko, Douglas	Effectiveness and Utilization of Brief Assessment of Memory Disorders in the Elderly by a Specialized Screening Clinic
Orthopaedics	Chang, Douglas	The Rehabilitation of a Lumbosacral Radiculopathy with Thigh Muscle Hypertrophy
Orthopaedics	Meunier, Matthew	Axial Plane Deformity Correction in Adolescent Idiopathic Scoliosis: Comparison of Uniplanar and Polyaxial Pedicle Screws
Orthopaedics	Schwartz, Alexandra	The Maisonneuve Fracture
Pathology	Kalichman, Michael	Development of an Honor Code in Medical School: A Preliminary Survey of Students and Faculty
Pediatrics	Burns, Jane	Increasing Rates of Intravenous Immunoglobulin Non-Responders among Children with Acute Kawasaki Syndrome in San Diego County
Pediatrics	Daley, Sandra	Adiposis Dolorosa Is More Than Painful Fat
Pediatrics	Friedman, Lawrence	A Cross-Sectional Study of Young Women with Risk Factors for Involvement in Survival Sex
Psychiatry	Moutier, Christine	The Impact of Burnout and Depression on Medical Students and Residents - A Review of the Medical Literature

Surgery	Alksne, John	Multimodality Treatment of Trigeminal Neuralgia: The Role of Radiosurgery and High Resolution Magnetic Resonance Imaging
Surgery	Davidson, Terence	The Effects of Bevacizumab (Avastin) Treatment of Epistaxis in Hereditary Hemorrhagic Telangiectasia
Surgery	Sadler, Georgia	Racial/Ethnic Differences in Early Detection of Breast Cancer: A Study of 249,276 Cases from the California Cancer Registry
Community Service		
ISP Chair Department	ISP Chair	ISP Title
Family & Preventive Medicine	Beck, Ellen	Implementation of a Web-Based Electronic Patient Record System for the UCSD Student-Run Free Clinic Project
Family & Preventive Medicine	Beck, Ellen	Helping Homeless Youth Maintain Social Connectedness
Pediatrics	Taras, Howard	Outreach and Recruiting for a Summer Camp Serving Children with Chronic and Life Threatening Diseases
Pediatrics	Taras, Howard	Physician and Parent Views on Pediatric Anticipatory Guidance: How to Improve Communication and Care
Psychiatry	Ancoli-Israel, Sonia	Sleep Medicine Education for 1st and 2nd Year Medical Students - A Motivational Approach
Surgery	Sadler, Georgia	Exercise and Health for the Deaf Community
Focused Clinical Multidisciplinary ISP		
ISP Chair Department	ISP Chair	ISP Title
Medicine	Edelman, Steven	Diabetes Mellitus: A Focused-Clinical Multidisciplinary Approach
Medical Education		
ISP Chair Department	ISP Chair	ISP Title
Family & Preventive Medicine	Araneta, Happy	The Education of San Diego Filipino Women on Human Papilloma Virus Infection and Prevention
Family & Preventive Medicine	Bazzo, David	What to Consider When the Osteoarthritic Patient Presents with Acute Worsening Pain
Family & Preventive Medicine	Beck, Ellen	Portraits of Pathology
Medicine	Gallo, Richard	Developing a Pre-test Determinant Questionnaire for the Relevance and Utility of the Thin-layer Rapid Use Epicutaneous (TRUE) Patch Test Tool
Medicine	Hoffman, Helene	An Ultrasound Primer for Medical Students
Medicine	Hoffman, Helene	The Cancer Patient in Austrian and U.S. Healthcare Systems: On Having Enough and Wanting More
Pathology	Varki, Nissi	Update of the UCSD School of Medicine MedPics Pathology Database

Pediatrics	Willies-Jacobo, Lindia	Pediatric Clerkship Student Handbook
Reproductive Medicine	Deak, Pam	Development of a Preclinical Elective in Obstetrics and Continuity of Patient Care
Surgery	Rapaport, David	The Development of Modern Digital Radiographic Anatomy Lessons
Surgery	Sadler, Georgia	Preliminary Development of an American Sign Language Diabetes Educational Video
Surgery	Sadler, Georgia	A Randomized Educational Trial on Colorectal Cancer in a Community Sample of Deaf Adults
Surgery	Sadler, Georgia	Interaction between Multidimensional Health Locus of Control and Assimilation of Cervical Cancer Information in Deaf Women
Scientific Research		
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Anesthesiology	Dueck, Ron	Capnographic Identification of Expiratory Flow Limitation
Anesthesiology	Leung, Albert	The Effect of Long vs. Short Duration of Electroacupuncture on Analgesia and Sensory Thresholds: A Randomized Study for Acupuncture Analgesic Mechanisms
Anesthesiology	Myers, Robert	Chronic Nerve Compression Injury Induces a Phenotypic Switch of Neurons within the Dorsal Root Ganglia
Family & Preventive Medicine	Beck, Ellen	Effect of Free Clinic Involvement in Medical Students' Attitudes toward Treatment of the Underserved
Family & Preventive Medicine	Hatamy, Esmatullah	Provider Attitude toward Screening for Blood-borne Infections in an Afghan Antenatal Population
Family & Preventive Medicine	Rock, Cheryl	Physical Activity and Well-being among Overweight or Obese Breast Cancer Survivors
Family & Preventive Medicine	Rock, Cheryl	Barriers to Exercise in Overweight Breast Cancer Survivors
Family & Preventive Medicine	Rock, Cheryl	Association of Biochemical Markers of Proposed Mechanisms for the Negative Prognostic Effect of Overweight/Obesity in Breast Cancer
Family & Preventive Medicine	Strathdee, Steffanie	Prevalence of Hepatitis C Virus and HIV Infection among Injection Drug Users in Two Mexican Cities Bordering the U.S.
Medicine	Ben-Yehuda, Ori	Hookah Smoking: Acute Stress Response and Endothelial Function
Medicine	Darquenne, Chantal	Development of an Airway Atlas of the Rat Lung using MRI
Medicine	Gallo, Richard	The Role of Wound Fluid Glycosaminoglycans in Wound Repair

Medicine	Golomb, Beatrice	Associations between Intake of Antioxidant and Anti-inflammatory Foods and Depression
Medicine	Hopkins, Sue	Sustained, Heavy Exercise Increases Pulmonary Perfusion Heterogeneity
Medicine	Mahmud, Ehtisham	Clopidogrel Hyporesponsiveness: Do All Clinical and Biochemical Factors Contribute Equally?
Medicine	Maisel, Alan	Prognostic Utility of Natriuretic Peptides in Preserved Ejection Fraction Heart Failure: An Exploratory Analysis of the Biomarkers In ACute Heart Failure (BACH) Trial
Medicine	Powell, Frank	Development of Assay to Detect Steroids in Blood and Saliva
Medicine	Powell, Frank	Predictors of Acute Mountain Sickness on White Mountain
Medicine	Seymann, Gregory	Does Emphasizing Oxygenation Status in the PSI Increase Its Utility as a Tool to Guide Site of Care Management for Patients with Community-acquired Pneumonia?
Medicine	Smith, David	Analysis of HIV-1 Superinfection among Antiretroviral Naive HIV Positive Individuals in Seven Different Cities
Medicine	Tsimikas, Sotirios	The Effects of ox-PAPC on Osteoblast-Mediated Osteoclastogenesis
Medicine	Vilke, Gary	The Effects of Psychiatric Patients Boarding in the ED on the Average Waiting Time for Non-psychiatric ED Patients
Medicine	West, John	Clinical Assessment of a New Handheld Alveolar Gas Meter
Medicine	Yuan, Jason	Assaying for Kv[beta] Oxidoreductase Activity and Production of Reactive Oxygen Species
Neurosciences	Iragui-Madoz, Vicente	Ictal Repetitive Hand Movement Known as RINCH: Characteristics and Prevalence in Different Types of Seizures
Neurosciences	Tuszynski, Mark	Cholinergic-Dependent Adaptation of Cortical Sensory Responses
Ophthalmology	Medeiros, Felipe	The Correlation between the Water Drinking Test and 24-Hour Intraocular Pressure Measurements in Glaucomatous Eyes
Orthopaedics	Chang, Douglas	Use of Ultrasound in Diagnosis of Carpal Tunnel Syndrome in Paraplegic Patients
Orthopaedics	Garfin, Steven	Does Subcutaneous Placement of the Rods Give Better Results in Growing Rod Technique?
Orthopaedics	Hargens, Alan	Non-invasive Measurement of Microvascular Blood Flow during Mild Compress of the Leg

Orthopaedics	Lieber, Richard	Architectural Analysis and Intraoperative Measurements Demonstrate the Unique Design of the Multifidus Muscle for Lumbar Spine Stability
Pathology	Baird, Stephen	Correlation of Clinical Outcome in Prostate Cancer with Stem Cell Tissue Cultures
Pediatrics	Adams, Joyce	Is Anal Dilation More Common in Children Describing Anal Abuse than Children Who Do Not Give That History? Preliminary Findings from a Retrospective Chart Review Study
Pediatrics	Huang, Sherry	PTEN Interaction with the PI3-Kinase Signaling Pathway in Hamartomatous Polyposis Syndromes
Pediatrics	Nizet, Victor	ATP Involvement in Neutrophil Calcium Signaling
Pediatrics	Schwimmer, Jeffrey	Prediction Models for Obstructive Sleep Apnea in Obese Children and Adolescents
Pediatrics	Taras, Howard	Developing a Measurement Tool to Assess Effects of Being Obese in School Setting
Psychiatry	Kremen, William	A Twin Study of Spatial and Non-Spatial Delayed Response Performance in Middle Age
Psychiatry	Patterson, Thomas	Correlates of Psychological Distress among Female Sex Workers in Mexico
Radiology	Mattrey, Robert	MRI and Standard Gadolinium Injections for Detection of SLNs: Assessment in Rabbits
Radiology	Pretorius, Dolores	Assessment of Fetal Cardiac Diagnostic Display from Biplane Matrix Acquisitions
Radiology	Pretorius, Dolores	An Analysis of the Results, Indications, and Reimbursement Patterns in Sonographic Deep Venous Thrombosis Studies Done at the University of California, San Diego
Radiology	Sandhu, Ajay	Hypofractionated Radiotherapy as Definitive Treatment for Stage 1 Non-Small Cell Lung Cancer in Older Patients
Radiology	Sirlin, Claude	LIPO-Quant: Assessment of Reproducibility in Simulated Clinical Settings
Radiology	Ward, John	Cyclin E Modulation of Human Glioma Radiation Sensitivity
Radiology	Wong, Eric	Imaging of Cerebral Vascular Territories with Arterial Spin Labeling MRI
Radiology	Wong, Eric	Longitudinal MRI for the Detection of a Typical Pattern of Cerebral Blood Flow and Tissue Integrity Changes after Stroke in Ischemia Tolerant Rats
Reproductive Medicine	Chang, Jeffrey	Tubo-Ovarian Abscess Management Options for Women Who Desire Fertility
Reproductive Medicine	Hull, Andrew	Inmates' Perception of Quality of Care and Access to Obstetrics and Gynecological Care in the Community versus Incarceration

Reproductive Medicine	Tarsa, Maryam	Use of Three-Dimensional Multiplanar Ultrasound for Prenatal Gender Identification
Surgery	Cosman, Bard	Expectant Management of Anal Squamous Dysplasia: A Follow-up Study
Surgery	Parsons, J.K.	Serum Sex Hormones and the 20 Year Risk of Lower Urinary Tract Symptoms in Community Dwelling Older Men: The Rancho Bernardo Study
Surgery	Sadler, Georgia	Establishing Sign Language Proficiency for Medical Students
Surgery	Sadler, Georgia	Assessing Deaf Cultural Competency of Physicians and Medical Students: An Evaluation of the Deaf Culture Training and Cancer Prevention Program
Surgery	Sadler, Georgia	The Prevalence of Psychological Distress in Patients with Head and Neck Cancer
Surgery	Thistlethwaite, Patricia	BMPR/Id Signaling in the Genesis of Pulmonary Arterial Hypertension
Other		
ISP Chair Department	ISP Chair	ISP Title
Pediatrics	Daley, Sandra	Disparities in Health Information for Spanish-Speaking Patients: An Evaluation of the Cultural Sensitivity of Spanish-Language Health Promotion Tools, within the Context of Reading Level, from Three US Agencies Aiming to Prevent and Treat Diabetes
Psychiatry	Moutier, Christine	A Peer Mentoring Program in the Medical School Setting: Does It Have Merit?
Psychiatry	Zisook, Sidney	Depression After Traumatic Brain Injury