

Class of 2006

**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 (17); Community Service (4); FCM-ISP (3); Medical Education (8); Scientific Research (75); Other (1)*

**ISP exemptions: Medical Scientist Training Program (7); MPH/MBA (1)*

ISP Chair Department	ISP Chair	ISP Title
Analysis of a Scientific or Medical Problem		
Emergency Medicine	Vilke, Gary	Adult Foreign Body Airway Obstruction in the Prehospital Setting
Family & Preventive Med	Taylor, Kenneth	Is Bitter Orange the Next Ephedra? The Emerging Use of Bitter Orange: A Systematic Review of the Medical Literature
Family & Preventive Med	Barrett-Connor, Elizabeth	A Comparison between Peripheral BMD and Central BMD Measurements in the Prediction of Spine Fractures in Men
Family & Preventive Med	Araneta, Happy	A Family History of Diabetes is Associated with Adiponectin Levels, Diabetes, and Cardiovascular Risk in Filipina Women
Family & Preventive Med	Shi, Chih-Wen	A Comparison of Conventional Western Medicine and Traditional Chinese Medicine (TCM)
Medicine	Garvie, John	Acute Upper Gastrointestinal Bleeding Protocol
Medicine	Kravetz, David	Venous Thromboembolism in Cirrhotics
Medicine	Wasserman, Linda	UCSD Cancer Center and Avon Foundation Breast Cancer Risk Assessment, Education, and Prevention Study: Predictors of Participation in Clinical Breast Examination and Screening Mammography, Nutrition Assessment and Dietary Intervention, and Genetic Counseling
Medicine	Patel, Derek	A Survey of Medical Therapy for Crohn's Disease in a University-Based Outpatient Gastroenterology Clinic
Ophthalmology	Brown, Stuart	AMD Status and Knowledge of Self-Reported Volunteers in the AMD Registry
Orthopaedics	Hargens, Alan	Mechanical Counter-Pressure vs. Gas-Pressurized Space Suit Gloves: Grip and Sensitivity
Orthopaedics	Bugbee, William	Fresh Osteochondral Allograft Transplantation for Younger, Active Individuals with Osteoarthritis of the Knee
Pathology	Haghighi, Parviz	Minimal Deviation Melanoma: Histopathology, Diagnostic Modalities, and Clinical Outcomes
Pediatrics	Burns, Jane	Matrix Metalloproteinase Gene Polymorphisms in Kawasaki Disease

Psychiatry	Caligiuri, Michael	Do Preclinical Findings of Methamphetamine-Induced Motor Abnormalities Translate to an Observable Clinical Phenotype?
Psychiatry	Yang, Tony	Adolescent Depression, the Amygdala, and the Clinical Experimental Paradigms for Neuroimaging Studies to Study Depression
Radiology	Spear, Matthew	Temozolomide and Radiation for Aggressive Pediatric Central Nervous System Malignancies
ISP Chair Department	ISP Chair	ISP Title
Community Service		
Family & Preventive Med	Beck, Ellen	Identifying and Addressing Barriers to Healthy Families Registration in the Baker Free Clinic Patient Population: The Barriers Underserved Latino Families Face When Trying to Access Healthcare for Their Children
Family & Preventive Med	Beck, Ellen	UCSD Free Clinic Project Database
Neurosciences	Courchesne, Eric	Pediatric Autism Spectrum Disorder Screening Brochure
Pediatrics	Spector, Stephen	A Video Introduction to HIV Research
ISP Chair Department	ISP Chair	ISP Title
Focused Clinical Multidisciplinary ISP		
Family & Preventive Med	Garfein, Richard	Hepatitis Control Across the US/Mexican Border: Are Current Vaccination Guidelines Targeting the Appropriate Populations?
Family & Preventive Med	Patrick, Kevin	The Role of School Health Centers in Adolescent Medicine
Pediatrics	Loper, Karen	Contraceptive Use in Adolescents: An Understanding of the Current Practice and Its Impact on Teenage Pregnancy among San Diego Teens
ISP Chair Department	ISP Chair	ISP Title
Medical Education		
Family & Preventive Med	Ikeda, Tyson	Preparing Future Physicians in Practice Management/Phase 2: Curriculum Evaluation and Comparison
Family & Preventive Med	Bracker, Mark	MRI in Muscle and Tendon Disease
Family & Preventive Med	Bazzo, David	Sports Medicine Tutorial: Knee Injuries
Medicine	Jassal, Simerjot	Development and Implementation of a Medicine 401 Electronic Learner's Portfolio
Medicine	Hoffman, Helene	Passive vs. Active Virtual Reality Learning: The Effects on Short- and Long-Term Memory of Anatomical Structures

Pathology	Miyai, Katsumi	Pathology Clinical Cases-Web-based Modules for Cardiology
Pharmacology	Laiken, Nora	An Evaluation of the Teaching Methods of the UCSD School of Medicine and School of Pharmacy
Surgery	Davidson, Terence	Protocol for the Medical Management of Cobra Snakebites
ISP Chair Department	ISP Chair	ISP Title
Scientific Research		
Anesthesiology	Hastings, Randolph	A 2-Dimensional Model to Understand the Relationship Between Anatomical Landmarks During Laryngoscopy
Anesthesiology	Greenberg, Mark	Evaluation of Endotracheal Intubation from the Side of the Bed
Anesthesiology	Leung, Albert	Functional MRI Investigation of the Central and Peripheral Mechanism of Acupuncture Analgesia
Anesthesiology	Wallace, Mark	Intradermal Capsaicin Causes Dose-Dependent Pain, Allodynia, and Hyperalgesia in Humans
Anesthesiology	Wallace, Mark	Self-Reported Study of the Effects of Opiate Narcotics on Daytime Sleepiness
Anesthesiology	Minokadeh, Anushirvan	Evaluation and Optimization of UCSD Preoperative Process
Emergency Medicine	Clark, Richard	Methamphetamine-Associated Adverse Outcomes - A Retrospective Case Review
Emergency Medicine	Clark, Richard	A Retrospective Review of a Shortened Course of Oral N-Acetylcysteine for the Treatment of Acute Acetaminophen Poisoning
Emergency Medicine	Davis, Daniel	Traumatic Brain Injury Outcomes in Pre- and Post-Menopausal Females Versus Age-Matched Males
Emergency Medicine	Guss, David	Impact of Helical CT on the Rate of Negative Appendicitis
Family & Preventive Med	Barrett-Connor, Elizabeth	Mortality and Cardiovascular Trends in Relation to HDL Cholesterol
Family & Preventive Med	Ganiats, Theodore	Evaluation of Time Preferences
Family & Preventive Med	Kaplan, Robert	Effects of Changing Illness Thresholds on Healthcare Costs and Health Outcomes
Family & Preventive Med	Rock, Cheryl	Changes in Dietary Intake, Body Mass Index, and Physical Activity over Eight Years: Implications for Cancer Risk in a Multi-Ethnic Cohort
Family & Preventive Med	Ganiats, Theodore	Relaxation Training and the Reduction in Pain of Hospice Patients
Family & Preventive Med	Saxe, Gordon	Dietary Change in Patients with Recurrent Prostate Cancer
Medicine	Chen, Ju	The FHL Family: Their Molecular Partners and Their Role in Cardiomyopathy - A Pilot Study

Medicine	Torriani, Francesca	Invasive Aspergillosis Among Patients with HIV/AIDS: Natural History and Risk Factors
Medicine	Lockette, Warren	Does Hydrochlorothiazide Reduce Activation Dependent Antigen Expression on Platelet Surfaces?
Medicine	Narayan, Sanjiv	Signal Analysis of Atrial Fibrillation
Medicine	Maisel, Alan	Correlation and Prognostic Utility of B-type Natriuretic Peptide and its Amino-terminal Fragment in Patients with Chronic Kidney Disease
Medicine	Maisel, Alan	B-type Natriuretic Peptide in Acute Coronary Syndromes
Medicine	Blanchard, Daniel	Assessment of Diastolic Function with Tissue Doppler Imaging after Cardiac Surgery: Effect of the Postoperative Septum" in On-Pump and Off-Pump Procedures"
Medicine	Webster, Nicholas	Protein Purification of Insulin Receptor Kinase for Conformational Analysis Using Enhanced Amide Hydrogen-Deuterium Exchange Mass Spectrometry
Medicine	Lew, Wilbur	Thromboxane A2 Contributes to a Cardiac-cardiovascular Pressor Reflex During Myocardial Ischemia
Medicine	Narayan, Sanjiv	Cardiac-Directed Expression of Adenylyl Cyclase VI Facilitates Atrioventricular Nodal Conduction
Medicine	Arden, Karen	Differential CpG Island Methylation Between Benign Prostatic Hyperplasia (BPH) and Normal Stromal Prostatic Tissue
Medicine	Feld, Gregory	Electrophysiologic and Hemodynamic Effects of Calcium Channel Blockers in the Rabbit Langendorff Model: Assessment of Potential Antiarrhythmic and Rate Controlling Effects for Treatment of Atrial Fibrillation
Medicine	Mathews, Christopher	Independent Risk Factors for Nephrotoxicity in Patients Taking Tenofovir
Medicine	Mahmud, Ehtisham	Frame Count and Renal Blush Score: Quantitative Measures to Predict the Outcome of Renal Artery Angioplasty and Stenting
Neurosciences	Trauner, Doris	Occurrence of Autism Spectrum Disorders in Children with Pre- or Perinatal Stroke
Neurosciences	Miller, Arnold	Protective Effects of Novobiocin (NOV), a Putative Poly(ADP-ribose) Polymerase Inhibitor, on Rat Hippocampal Progenitor (HCN) Cells Treated with AB Protein
Neurosciences	Corey-Bloom, Jody	A Placebo-Controlled Pilot Study of Donepezil in Huntington's Disease (HD)
Neurosciences	Trauner, Doris	Personality Profiles in Pediatric ADHD
Neurosciences	Hansen, Lawrence	Influence of Midfrontal Lewy Body Densities on Dementia Severity and Diagnostic Accuracy in Dementia with Lewy Bodies

Ophthalmology	Kikkawa, Don	Limited Orbicularis Oculi Myectomy: Description and Outcomes of a New Technique
Ophthalmology	Sample, Pamela	Using Supervised Relevance Vector Machine Learning Classifier Analysis of Short-Wavelength Automated Perimetry and Confocal Scanning Laser Ophthalmoscopy to Improve Accuracy of Glaucoma Diagnosis
Ophthalmology	Zangwill, Linda	Baseline Optical Coherence Tomography to Predict Glaucomatous Change in the Diagnostic Innovations in Glaucoma Study (DIGS)
Ophthalmology	Lindsey, James	Effect of Cola Mutation on IOP and Outflow Facility in the Mouse
Ophthalmology	Brown, Stuart	The Impact of Age-Related Macular Degeneration on Quality of Life of Volunteers in the AMD Registry, Focusing on Mental Health
Ophthalmology	Zangwill, Linda	Combining Structural and Functional Testing for Detection of Glaucoma
Orthopaedics	Pedowitz, Robert	Evaluation of 5 Knots and 2 Suture Materials for Arthroscopic Rotator Cuff Repair: Very Strong Sutures Can Still Slip
Orthopaedics	Newton, Peter	Displaced Olecranon Fractures in Children: A Biomechanical Analysis of Fixation Methods
Orthopaedics	Meyer, Scott	The Effect of Lower Body Negative Pressure Exercise on Athletic Performance
Orthopaedics	Hargens, Alan	Noninvasive Measurements of Intramuscular Pressure Using Ultrasound for Detecting Compartment Syndromes
Pediatrics	Chambers, Christina	Pregnancy Outcome in Women Exposed to Selective Serotonin Reuptake Inhibitors: A Prospective Controlled Cohort Study
Pediatrics	Boies, Eyla	Fertility and Breastfeeding: Do Assisted Reproductive Technology (ART) and Older Maternal Age Affect Breastfeeding Success?
Pediatrics	Burns, Jane	Non-Invasive Determination of Endothelial Cell Function in Kawasaki Syndrome
Pediatrics	Reznik, Vivian	Cultural Perceptions of Illness, Treatment, and Access to Care in Pediatric End Stage Renal Disease: a comparison between Latino and non-Latino families
Pediatrics	Boies, Eyla	The Role of Safety-Net Antibiotic Prescriptions in the Management of Acute Otitis Media and Other Respiratory Infections
Psychiatry	Cadenhead, Kristin	Social Functioning in Young People at Risk for Schizophrenia
Psychiatry	Jeste, Dilip	Hippocampal Size and Learning-Related Brain Response Determined by Individually-Traced Regions of Interest: Comparison between Patients with Chronic Schizophrenia and Healthy Participants

Psychiatry	Paulus, Martin	The evaluation of brain neuronal activity in response to natural (sucrose) and artificial (sucralose) taste stimuli - Does caloric value matter to the brain?
Psychiatry	Schuckit, Marc	A Comparison of the Level of Response to Alcohol in African-American and Caucasian Subjects
Psychiatry	Schuckit, Marc	The Flushing Response in Non-Asians
Psychiatry	Tapert, Susan	Hippocampal Volume in Adolescents with Alcohol Use Disorders
Radiology	Mattrey, Robert	Receptor-Mediated Binding of FITC-DTPA-mannosyl-dextran to Mouse Macrophages
Radiology	Wong, Eric	Velocity Selective Arterial Spin Labeling: Toward Application in Acute Stroke
Radiology	Hesselink, John	Utilization of Glutamate/Creatine Ratios for Proton Spectroscopic Diagnosis of Meningiomas when Alanine is Absent or Masked by Lactate
Radiology	Pretorius, Dolores	Impact of 3-Dimensional Ultrasound on the Perceptions of Sonographers, Sonologists and Undergraduate Students Regarding the Fetus
Radiology	Mattrey, Robert	A Vascularized Tumor Model for Molecular Imaging
Radiology	Bradley, William	Gadolinium-Rhodamine Nanoparticles for Cell Labeling and Tracking via Magnetic Resonance and Optical Imaging
Reproductive Medicine	Chang, Jeffrey	Increased Leutenizing Hormone Pulse Frequency in Obese Oligomenorrhic Girls Without Evidence of Hyperandrogenism
Reproductive Medicine	Moore, Thomas	A Comparison of Insulin and Glyburide Treatment in Gestational Diabetes Mellitus on Infant Adiposity
Reproductive Medicine	Resnik, Robert	Accuracy of Ultrasound and Magnetic Resonance Imaging in the Diagnosis of Placenta Accreta
Reproductive Medicine	Deak, Pam	The Availability of Abortion Training in U.S. Obstetrics and Gynecology Residency Programs, 2005-2006
Surgery	Chao, James	Graft Jacket - A Scaffold for In-Vitro Cartilage Culture
Surgery	Cosman, Bard	Recent Smoking is a Risk Factor for Anal Fistula and Abscess
Surgery	Angle, Niren	Retrospective Cohort Study of Renal Artery Stenosis Treatment Outcomes in the UCSD Medical Center Population Undergoing Percutaneous Renal Artery Angioplasty
Surgery	Watson, Deborah	Analysis of the Psychosocial Effects of Facial Paralysis
Surgery	Bouvet, Michael	Immunohistological Staining and Evaluation of Various Pancreatic Tissues for Differential PTHrP Expression
Surgery	Fronek, Arnost	Non-Invasive Assessment of Endothelial Activity in Healthy and Young Patients
Surgery	Sang U, Hoi	Determining the Differentiation Potential of Rat CNS Stem Cells Under the Influences of Age and Region Specificity

Surgery	Sadler, Georgia	Diabetes Management in San Diego's Chamorro Community
Surgery	Ryan, Allen	Growth of Spiral Ganglion Neurites in Three-Dimensional Scaffolds, and in Response to Fibrocytes Transfected with Neurotrophic Factors
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Other		
Medicine	Mittman, Charles	O Doctor, Where Art Thou? 2006 Physician-to-Patient Ratios in San Diego County