

**CLASS OF 2007**

*\*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 (19); Community Service (5); FCM-ISP (4); Medical Education (5); Scientific Research (61); Other (2).*

*\*ISP exemptions: Medical Scientist Training Program (3); MPH (2); MBA (1)*

**Analysis of a Scientific or Medical Problem**

<b>ISP Chair Department</b>	<b>ISP Chair</b>	<b>ISP Title</b>
Anesthesiology	Greenberg, Mark	Assessment of Accuracy of Tochen's 7-8-9 Rule for Endotracheal Tube Insertion Depth in Neonates
Family & Preventive Med	Madlensky, Lisa	A Literature Review on the Interaction between Lifestyle Behaviors and Family History on Risk for Cancer in High-Risk Cancer Families
Family & Preventive Med	Ganiats, Theodore	The Effects of Perceived Racism on Concerns and Worries in Newly Diagnosed Older Breast Cancer Patients
Family & Preventive Med	Norcross, William	Patient Volume as a Predictor of Disciplinary Action by the Medical Board of California
Family & Preventive Med	Pierce, John	Disclosure of the Use of Complementary and Alternative Medicine among Breast Cancer Patients in the Women's Healthy Eating & Living Study
Medicine	Kavanaugh, Arthur	Update on Psoriatic Arthritis
Medicine	Maisel, Alan	Use of B-type natriuretic peptide (BNP) in the evaluation of patients with liver disease
Orthopaedics	Lieber, Richard	Pronator Teres Is an Appropriate Donor Muscle for Restoration of Wrist and Thumb Extension
Orthopaedics	Schwartz, Alexandra	Epidemiology of Border Fence Trauma
Pathology	Baird, Stephen	Source of anemia evidence on peripheral blood smears taken from women ages 18-49 in the Colonia Triqui in Vicente Guerrero, Baja California, Mexico
Pediatrics	Lavine, Joel	Prevalence of Fatty Liver Among Individuals with Gallstone Disease
Pediatrics	Daley, Sandra	Rate of Missed Opportunities in Childhood Immunizations in Private and Community Clinics in San Diego County
Pediatrics	Schwimmer, Jeffrey	Pediatric Nonalcoholic Fatty Liver Disease is Significantly Associated with the Components of Metabolic Syndrome
Psychiatry	Sciolla, Andres	Childhood Trauma and HIV Disease: A Comprehensive Review of the Literature
Psychiatry	Zisook, Sidney	Associations Between Suicidality and the Onset Age of Major Depressive Disorder
Reproductive Medicine	Schrimmer, David	Reversed Twin Transfusion Syndrome - A Rare Complication of Laser Photocoagulation in the Treatment of TTTS

Surgery	Cosman, Bard	An Association Between Smoking Recency and Symptomatic Pilonidal Sinus
Surgery	Sadler, Georgia	Cardiovascular risk factors among Chamorros
Surgery	Davidson, Terence	Patent Application for Earpiece Snoring Sound Transmitter
Community Service		
ISP Chair Department	ISP Chair	ISP Title
Family & Preventive Med	Beck, Ellen	Patient Assistance Program System Development and Implementation for Improved Continuity of Care at the UCSD Student-Run Free Clinic
Family & Preventive Med	Beck, Ellen	Systematizing QWB-SA Use and Score Analysis at the UCSD Student-Run Free Clinic Project
Family & Preventive Med	Beck, Ellen	Development of the Osteoporosis Screening, Prevention & Treatment Program & Rheumatology Clinic at the UCSD Student-Run Free Clinic Project
Neurosciences	Trauner, Doris	Application of a Screening Checklist for Autism in Gurjarat, India
Surgery	Sadler, Georgia	Testicular Cancer: Education and Awareness among the Deaf
Focused Clinical Multidisciplinary ISP		
ISP Chair Department	ISP Chair	ISP Title
Family & Preventive Med	McCahill, Margaret	The Role of Mental Illness in Homelessness
Pediatrics	Stellwagen, Lisa	The Benefits and Barriers to Breastfeeding
Pediatrics	Boies, Eyla	International Pediatric Medicine: Psychosocial and Medical Needs of Orphaned Children
Surgery	Blair, Sarah	Multidisciplinary Approach to Breast Cancer Diagnosis and Treatment
Medical Education		
ISP Chair Department	ISP Chair	ISP Title
Emergency Medicine	Davis, Daniel	The Development and Utility of an Algorithmic, Simulator-Based Airway Education Curriculum for Aeromedical Crews
Family & Preventive Med	Achar, Suraj	The Adverse Effects and Laboratory Detection of Anabolic Androgenic Steroid Abuse
Medicine	Jassal, Simerjot	Ambulatory Core Topics Self-Study Modules: Part II
Medicine	Hoffman, Helene	Learning Tools for Histology (SOM 213)
Surgery	Sadler, Georgia	Script for Smoking Cessation Video Targeting the Deaf and Hard of Hearing Community
Scientific Research		
ISP Chair Department	ISP Chair	ISP Title
Anesthesiology	Wallace, Mark	Double-blind, Randomized, Cross- Over Study Comparing Continuous Infusion versus Intermittent Bolus Dosing of Intrathecal Therapy for Treatment of Chronic Pain

Anesthesiology	Leung, Albert	Osteoarthritis of the knee: A model studying the efficacy of acupuncture for chronic pain; Preliminary comparison of patients' response to thermal stimulation
Anesthesiology	Wallace, Mark	Effects of Intravenous Alfentanil on Non-Painful Thermally Induced Hyperalgesia in Healthy Volunteers
Anesthesiology	Dueck, Ron	Unrecognized Diastolic Dysfunction and Its Contribution to Perioperative and Postoperative Heart Failure
Anesthesiology	Leung, Albert	A Study of Acupuncture on Thermal Pain and Its Neuronal Mechanism
Emergency Medicine	Davis, Daniel	The Impact of an Emergency Department Decision Guideline on the Diagnosis of Spinal Epidural Abscess
Emergency Medicine	Vilke, Gary	Evaluating the Use and Timing of Opioids for the Treatment of Migraine Headaches in the Emergency Department
Emergency Medicine	Clark, Richard	A Retrospective Evaluation of a Shortened Course of Oral N-acetylcysteine for the Treatment of Acetaminophen Poisoning
Emergency Medicine	Guluma, Kama	Functional outcomes resulting from an expedited code stroke protocol
Family & Preventive Med	Rock, Cheryl	Obesity in Indonesian Adolescents
Family & Preventive Med	Klonoff-Cohen, Hilary	Physician Non-Support of Varicella Vaccine: Are Negative Views in the Medical Community Causing Parents to Increasingly Doubt Overall Childhood Vaccine Safety?
Family & Preventive Med	Shi, Chih-Wen	Usage Patterns of an Automatic Blood Pressure Machine at a Community Pharmacy
Family & Preventive Med	Criqui, Michael	Twenty-year Mortality Rates in Patients with Isolated Small Vessel Peripheral Arterial Disease (ISV-PAD)
Family & Preventive Med	Klonoff-Cohen, Hilary	Prevalence of Preterm Birth in Couples Undergoing In Vitro Fertilization and/or Intra Cytoplasmic Injection due to Female Factor vs. Male Factor Infertility
Family & Preventive Med	Achar, Suraj	Predictive Value of Thumb-to-forearm Flex Test in Pregnancy and Labor in Nulliparous Women: A Preliminary Report
Medicine	Kavanaugh, Arthur	Immunomodulatory Effects of Rituximab in the Rheumatoid Synovium
Medicine	Powell, Frank	Ventilatory Deacclimatization in Normoxia Following 5-days of Hypoxia
Medicine	Maisel, Alan	Influence of Body Weight on BNP Levels During Nesiritide Infusion for Congestive Heart Failure
Medicine	Vinetz, Joe	Application of a Real-Time PCR Assay to determine symptomatic and asymptomatic parasitemia in the Amazon Basin
Medicine	Hassanein, Tarek	Validation of Critical Flicker-Fusion Frequency Testing in Cirrhosis

Medicine	Ciaraldi, Theodore	The Role of Electrical Stimulation, as a Model of Exercise, in Augmenting the Insulin Response of Human Skeletal Muscle Cells Cultured from Non-diabetic and Type 2 Diabetic Subjects
Medicine	Golomb, Beatrice	Manual Muscle Testing: Provisional Findings/Lessons Learned
Medicine	Yuan, Jason	Gender Differences in Post-operative Outcome of CTEPH Patients with Ventriculo-Atrial Shunts
Medicine	Prisk, Kim	Ventilation-perfusion inequality in the human lung is not increased following moderate hyperbaric exposure
Medicine	O'Connor, Daniel	Sympathomimetic Pharmacogenetics - The Effects of Tyramine in Hypertension
Medicine	McCutchan, Allen	Recurrent CNS Symptoms in Patients Treated for Cryptococcal Meningitis and Responding to HAART
Medicine	Maisel, Alan	ProBNP levels in acute decompensated congestive heart failure
Medicine	Kavanaugh, Arthur	The Association of Treatment Response and Changes in Serum Levels of Anti-Cyclic Citrullinated Peptide Antibody and IgM Rheumatoid Factor after Rituximab Therapy in Patients with Rheumatoid Arthritis
Medicine	Carethers, John	Change in Cellular Sublocalization of BRCA1 in Sporadic Colon Cancer
Medicine	Gallo, Richard	TH2 Cytokine Control of Cathelicidin Antimicrobial Peptide Activity
Neurosciences	Gleeson, Joseph	Classification System of Corpus Callosum Hypoplasia (CCH) Verified Through Analysis of Siblings
Ophthalmology	Freeman, William	Toxicity study of novel intravitreal injectable crystalline drug, HDP-phospho-5-fluoro-2-deoxyuridine, in the rabbit eyes
Ophthalmology	Liu, John	Circadian variation of mouse aqueous humor protein
Orthopaedics	Pedowitz, Robert	Effects of Internal and External Rotation on Rotator Cuff Strain during Dynamic Loading in a Cadaveric Bovine Model
Orthopaedics	Schwartz, Alexandra	Biomechanical Evaluation of Clavicle Fracture Plating Techniques: Does a Locking Plate Provide Superior Stability?
Orthopaedics	Lee, Yu-Po	Fluoroscopic Navigation
Orthopaedics	Hargens, Alan	The Use of the Pulse Phase Lock Loop Technique for Measurements of Intracranial Pressure during Body Tilting
Pathology	Calcutt, Nigel	Low-Intensity Ultrasound Attenuates Functional Changes in Early Peripheral Neuropathy in Diabetic Rats
Pathology	Wang-Rodriguez, Jessica	Retrospective Analysis of Chronic Lymphocytic Leukemia (CLL) Cases Which Express IgG or CD38 by Examining Immunophenotypes and Clinical Data
Pediatrics	Eichenfield, Lawrence	Quantitative measurement of bathing and moisturizer induced changes in skin hydration in atopic dermatitis subjects
Pediatrics	Nizet, Victor	Cysteine Protease SpeB and its Role in Cathelicidin Resistance in Streptococcus pyogenes

Pediatrics	Sidelinger, Dean	Minority Recruitment into Clinical Trials: Culturally Specific Recruitment and Outreach Strategies
Pediatrics	Bickler, Stephen	The Effect of Chronic Bowel Inflammation on Urine 6-sulfoxymelatonin Levels and Pain Behavior in Sprague Dawley Rats
Pediatrics	Boies, Eyla	Feeding Practices and Attitudes of highly educated Mothers and their Infants who Breastfed beyond six months
Pediatrics	Chambers, Christina	The Developmental Progress of Children with Prenatal Exposure to Leflunomide (Arava)
Psychiatry	Wetherell, Julie	Factors influencing improvement in late-life generalized anxiety disorder
Psychiatry	Jeste, Dilip	"This Moment is Life": Perceptions about Successful Aging in Personal Interviews with Older Adults
Radiology	Comstock, Christopher	MRI Enhancement Patterns and Volume Kinetics of Unbiopsied Breast Cancers
Radiology	Buxton, Richard	Altered lenticular nuclei blood flow and oxygen metabolism in unimpaired HIV+ subjects measured by hypercapnia-calibrated functional MRI
Radiology	Mattrey, Robert	The use of contrast-enhanced high resolution ultrasound imaging to detect early changes in tumor vascularity following anti-angiogenesis therapy
Radiology	Sirlin, Claude	Comparison of high-resolution magnetic resonance (MR) tissue properties of small (<20mm) hepatocellular carcinoma and regenerative nodules in the freshly explanted cirrhotic liver
Radiology	Andre, Michael	Feasibility of Detecting Temperature Changes with Ultrasound Inverse Scattering Tomography
Radiology	Pardo, Francisco	Cyclin E Increases Radiation Sensitivity in a Glioblastoma Cell Line
Radiology	Bradley, William	Individual Lung Maximal Flow-Volume Curves Using Dynamic Magnetic Resonance Imaging: a Feasibility Study in Extrathoracic Obstruction
Surgery	Davidson, Terence	Pharyngometry and Pediatric Sleep Disordered Breathing
Surgery	Sadler, Georgia	Gauging Psychological Distress in Patients with Hematological Malignancies
Surgery	Sadler, Georgia	Comparison of the Differences in the Psychological Response of Patients to Gastrointestinal Cancers
Surgery	Ryan, Allen	Directed Growth of Spiral Ganglion Neurons Toward Sources of Neurotrophic Factors
Surgery	Watson, Deborah	Stem Cells in Facial Nerve Regeneration
Surgery	Sadler, Georgia	Translation of the Multidimensional Health Locus of Control Scales for Users of American Sign Language
Surgery	Rajasekaran, Mahadevan	Transdifferentiation of Rat Fetal Stem Cells into Penile Smooth Muscle Cells
<b>Other</b>		

ISP Chair Department	ISP Chair	ISP Title
Psychiatry	Wetherell, Julie	Acceptance and Commitment Therapy: Focus Group Investigation on the Prevention and Treatment of Depression and Anxiety Disorder in Patients with Chronic Pain from Osteoarthritis
Surgery	Davidson, Terence	A Literature Review of the Gender Differences in Obstructive Sleep Apnea and Its Implications