

INDEPENDENT STUDY PROJECTS

Class of 2001

| Name | Title | Chair/Department |
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| An Evaluation of the Feasibility of an Implantable Biological Galvanic Cell for Use as a Power Source for Electrically Operated Implantable Medical Devices | Jeffrey Omens, Ph.D. Medicine | |
| The UCSD-Honduras Medical Educational Partnership: The History and Development of a Program to Promote Cross-Cultural Learning and International Collaboration | Sandra Daley, M.D. Pediatrics | |
| The Effects of Tobacco Education on Adolescent Smoking in Cairo, Egypt | Won Choi, Ph.D. Family & Preventive Medicine | |
| History and Physical Examination Findings Compared with Sinus CT for Diagnosis of Acute Rhinosinusitis | Colin Thomas, M.D. Medicine | |
| Smad Proteins Play a Role in Chondrocyte Function | Robert Terkeltaub, M.D. Medicine | |
| Impact of Infertility on Quality of Life, Marital Adjustment and Sexual Functioning | Manoj Monga, M.D. Surgery | |
| Adrenergic Modulation of Monocyte Adhesion to the Endothelial Cells of Human Vasculature | Alan Maisel, M.D. Medicine | |
| The Effects of Treatment with a Native American Herb Echinacea on Cytokine Production and Lymphocyte Adhesion | Alan Maisel, M.D. Medicine | |
| Pedestrian Struck Trauma | David Hoyt, M.D. Surgery | |
| An In Vivo Comparison of Topical Agents on Wound Repair | Mayer Tenenhaus, M.D. Surgery | |
| Increased Frequency of Alleles Associated with Elevated TNF- α Levels in Children with Kawasaki Disease | Jane Burns, M.D. Pediatrics | |
| The Five-minute Sports Medicine Clinical Consult: Compression Fractures | David Bazzo, M.D. Family & Preventive Medicine | |
| Phytochemical Binding to the Estrogen Receptor | Michael Baker, Ph.D. Medicine | |

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| Cellular Mediators of Autoimmune Myocarditis | Alan Maisel, M.D. Medicine |
| Frequency of Mutations in the Stargardt Disease Gene (ABCR) in Age-Related Macular Degeneration | John Liu, M.D. Ophthalmology |
| Simulation and Morphological Examination of the Upright Cervical Spine Using an MRI-compatible Compression Device During Supine Posture | Steven Garfin, M.D. Orthopaedics |
| Analysis of HCMV in Ocular Specimens of HIV Positive Individuals | Stephen Spector, M.D. Pediatrics |
| Improved Documentation of Wound Care with Structured Encounter Forms in the Pediatric Emergency Department | John Kanegaye, M.D. Pediatrics |
| Effects of Hormonal Changes on Bone Mineral Density in Female Triathletes | Mark Bracker, M.D. Family & Preventive Medicine |
| Analysis of Response to Therapeutic Intervention at UCSD Epilepsy Center | Evelyn Tecoma, M.D./Ph.D. Neurosciences |
| The Person with Down Syndrome, 2nd Edition | Kenneth Lyons Jones, M.D. Pediatrics |
| Laparoscopically Assisted Colectomy: The Learning Curve? | Thomas Paluch, M.D. Surgery |
| Does Tongue Size Differ Between Patients With and Without Sleep-Disordered Breathing? | Terence Davidson, M.D. Surgery |
| Creatine Use Among Freshman Athletes in an NCAA Division III Athletic Program | Mark Bracker, M.D. Family & Preventive Medicine |
| Cardiac-directed Adenylyl Cyclase Expression | H. Kirk Hammond, M.D. Medicine |
| Primary Pulmonary Hypertension: Effect of Prostacyclin Therapy On the Outcome of Lung Transplantation at UCSD Medical Center | Gordon Yung, M.D. Medicine |
| Active Prevention of Thermal Injury by Cast Saws | Peter Newton, M.D. Orthopaedics |

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| H202 Induced Downregulation of the hMSH2 Mismatch Repair Protein | C. Richard Boland, M.D. Medicine |
| Evaluation of Serologic Testing for Inflammatory Bowel Disease (IBD) in Children | Ranjan Dohil, M.D. Pediatrics |
| Diabetes Education for a Group of Latina Patients at a School-based Free Clinic | Ellen Beck, M.D. Family & Preventive Medicine |
| The Effects of Parents' Disclosure of HIV Positive Status on the Psychiatric Well-Being of Their Children | Ann Garland, Ph.D. Psychiatry |
| Ninety Minute Accelerated Critical Pathway for Chest Pain Evaluation | Alan Maisel, M.D. Medicine |
| Six Percent Oxygen Enrichment of Room Air at Simulated 5000 m Altitude Improves Neuropsychological Function | John West, M.D./Ph.D. Medicine |
| A Longitudinal Comparison of Referral Completion Rates at NEW BEGINNINGS, an Elementary School-Linked Health Center Between 1994-95 and 1996-97 | Sandra Daley, M.D. Pediatrics |
| Usefulness of Cardiac Troponin I in Patients Undergoing Open Heart Surgery | Alan Maisel, M.D. Medicine |
| Acuity Impacts of Changes in T4 at Onset of Type 1 Diabetes | Kenneth Lee Jones, M.D. Pediatrics |
| Diagnostic Criteria and Treatment Patterns for ADHD Among San Diego County Pediatricians | Martin Stein, M.D. Pediatrics |
| A Continued Study of the Utility and Cost-Effectiveness of Screening Laboratory Studies in Pediatric and Adolescent Patients Admitted to an Inpatient Psychiatric Facility | Karen Loper, M.D. Pediatrics |
| Olfactory Evoked Potentials in Normal Young Children and Young Children with Head Trauma | Claire Murphy, Ph.D. Medicine |
| Sexual Dysfunction (SD) and Voiding Dysfunction (VD) and Equestrian Sports | Manoj Monga, M.D. Surgery |
| Common Pediatric Dermatology Tutorial | Lawrence Eichenfield, M.D. Pediatrics |
| Cell Cycle Dysregulation by Human Cytomegalovirus: Influence of the Cell Cycle on the Initiation of Infection | Deborah Spector, Ph.D. Biology |

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| Cell Cycle Parameters of Clonal Cell Lines Derived from Murine Neocortical Neuroblasts | Jerold Chun, M.D./Ph.D. Pharmacology |
| Chronic Lymphocytic Leukemia T Cells Expanded by CD3 and CD28 Co-stimulation Recognize Analogous B Cells | Thomas Kipps, M.D./Ph.D. Medicine |
| The Ras-Related Protein Rheb Inhibits B-Raf Kinase Activity in Fibroblast and Neural Cell Lines | Gerry Boss, M.D. Medicine |
| Bloom into Health! Evaluating the Use of an Informational Pamphlet on Herbs | Lucy Moore, M.D. Medicine |
| Glutamate Levels in Correlation with the Development of Painful Neuropathies in HIV infected Patients | Ronald Ellis, M.D./Ph.D. Neurosciencees |
| A Comparison of Immunization Rates at a High School with a School-based Health Center vs Rates at a High School without a School-based Health Center to Determine Effectiveness of School-based Health C | Herbert Kimmons, M.D. Pediatrics |
| Coccidioidomycosis in Human Immunodeficiency Virus-Infected Patients | Leland Rickman, M.D. Medicine |
| Synthesis and Anti-HIV Activity Characterization of 1-Hexadecylpropanediol-3-Phospho-Saquinavir (HDPD-saquinavir) | Karl Hostetler, M.D. Medicine |
| Association Between Apnea-free Days and Findings on Objective Recordings Performed Prior to Discharge in Pre-term Infants | Neil Finer, M.D. Pediatrics |
| Myocardial Protection in the Failing Heart | James Covell, M.D. Medicine |
| Elicitation of Expert Knowledge about the Post-Anesthesia Extubation Decision: An Independent Study Project | Matthew Weinger, M.D. Anesthesiology |
| The Relationship Between Clinical and Functional Measures of Vision in Patients Seeking Surgical Correction of their Myopia | Peter Rosen, M.D. Family & Preventive Medicine |
| Pilomatrixomas in Children | Stephen Bickler, M.D. Surgery |
| Green Tea Polyphenols: New Agents for Human Colorectal Cancer Prevention | Dharam Chauhan, Ph.D. Medicine |

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| The Use of Antisense Therapy to Inhibit Endogenous VEGF Expression in a Human Choriocarcinoma Cell Line | Cecilia Cheung, Ph.D. Reproductive Medicine |
| The Comprehensive Geriatric Assessment | Joe Ramsdell, M.D. Medicine |
| The Use of Acupuncture in the Treatment of Hypertension | Ellen Beck, M.D. Family & Preventive Medicine |
| Regulation of Neonatal Rat Cardiac Fibroblast Proliferation | Laurence Brunton, Ph.D. Pharmacology |
| How to Survive the Intensive Care Unit | David Hoyt, M.D. Surgery |
| Long-term Therapy for Spasmodic Dystonia | Lisa Orloff, M.D. Surgery |
| Quality of Life in Migraine-related Vertigo Patients and Evaluation of Short-term Management | Erik Viire, M.D./Ph.D. Surgery |
| Cervical Cancer Screening and Follow-Up For Latina Women at the Baker Elementary School Site of the UCSD Free Clinic | Ellen Beck, M.D. Family & Preventive Medicine |
| Evaluation of Polymerase Chain Reaction for the Diagnosis of Non-tuberculous Mycobacteria Cervical Lymphadenitis | Mark Sawyer, M.D. Pediatrics |
| A Comparision of Colorectal Screening Among Ethnic Populations | John Carethers, M.D. Medicine |
| bFGF and EGF are Required to Differentiate Multipotent CNS Stem Cells with Low Amounts of EGF Receptors into Glial Cells | Hoi Sang U, M.D. Medicine |
| Further Assessment of the Effects of Sleep Deprivation on Task Patterns, Mood and Workload of the Anesthesiologist | Matthew Weinger, M.D. Anesthesiology |
| Sleep Disorders for (Dummies) Medical Students | Terence Davidson, M.D. Surgery |
| Kawasaki Disease: How Community and Infectious Disease Physicians Make the Diagnosis | Jane Burns, M.D. Pediatrics |
| Use of Coenzyme Q-10 as an Adjunctive Therapy in Patients with Congestive Heart Failure: A Randomized Double-blind Placebo- controlled Trial | Alan Maisel, M.D. Medicine |

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| Infection with Chlamydia Pneumoniae and Coronary Artery Disease | Sotrios Tsimikis, M.D. Medicine |
| Safety and Efficacy of Radiofrequency Catheter Ablation for Septal Tachycardia Substrates in Young Patients: Techniques to Avoid Atrioventricular Block | James Perry, M.D. Pediatrics |
| Effect of Echinacea on Warfarin Anticoagulation | Robert Weibert, Pharm.D. Pharmacology |
| Role of Lung Volume in Pathogenesis of High Altitude Pulmonary Edema (H.A.P.E.) | Peter Wagner, M.D. Medicine |
| Fresh Osteochondral allografts: A Treatment for Tibio-femoral Arthrosis | William Bugbee, M.D. Orthopaedics |
| The Determinants of Performance in Women Competing in the 1999 Ironman Triathlon | Mark Bracker, M.D. Family & Preventative Medicine |
| Sunscreen and Sun Exposure | Hilary Klonoff-Cohen, Ph.D. Family & Preventive Medicine |
| Protein Kinase C Contributes to Desensitization of ANG II Signaling in Adult Rat Cardiac Fibroblasts | Laurence Brunton, Ph.D. Pharmacology |
| An Examination of the Effect of Male and Female Exercise on Success Rates of Assisted Reproductive Technologies | Hilary Klonoff-Cohen, Ph.D. Family & Preventive Medicine |
| Mechanisms of Ventricular Wall Thickening in Pressure-Overload Hypertrophy | James Covell, M.D. Medicine |
| Photopic and Mesopic Sine Wave Contrast Sensitivity in Patients Scheduled for Surgical Correction of their Myopia | Peter Rosen, M.D. Family & Preventive Medicine |
| Follow-up Survey of Patients Over the Age of 65 Who Refuse Transport After Accessing 9-1-1 | Gary Vilke, M.D. Medicine |
| Repeated Restraint Stress-Induced Increase in Baroreceptor Reflex Sensitivity: Role of Corticotropin-Releasing Factor | Morton Printz, Ph.D. Pharmacology |
| Burden of Pediatric Trauma in an Urban Area of Sub-Saharan Africa | Stephen Bickler, M.D. Surgery |

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| Direct Effects of HIV-1 on B Lymphocytes: Differential Resistance to Productive Infection in Three B Cell Lines | Thomas Kipps, M.D./Ph.D. Medicine |
| Prevention of Neural Tube Birth Defects: A Folic Acid Education Project | Ellen Beck, M.D. Family & Preventive Medicine |
| The Effect of Biomechanical Feedback on Peak Sprint Speed | Paul Gamble, M.D. Medicine |
| Characterization of Two Novel Genes in Strep-pyogenes | Victor Nizet, M.D. Pediatrics |
| Stroke Health-related Quality of Life: Results of Focus Groups | Dilip Jeste, M.D. Psychiatry |
| Maternal Psychological Impact of Fetal Echocardiography | Mark Sklansky, M.D. Pediatrics |
| Event-related Potentials Elicited by Unexpected or Deviant Endings to Words | Marta Kutas, Ph.D. Neurosciences |
| Construction of Cardiac-Specific Promoter for Use in Adenovirus Gene Transfer | H. Kirk Hammond, M.D. Medicine |
| Lack of Correlation Between Swimming Duration and Bone Mineral Density Loss in Elite Female Triathletes | Mark Bracker, M.D. Family & Preventive Medicine |
| Epidemiology of Pediatric Osteomyelitis at a Government Referral Hospital in the Gambia | Stephen Bickler, M.D. Surgery |
| Total Plasma Homocysteine and Primary Open Angle Glaucoma | James Lindsey, Ph.D. Ophthalmology |
| Etiology, Diagnosis, and Treatment of Lliotibial Band Friction Syndrome | Robert Pedowitz, M.D./Ph.D. Orthopaedics |
| Methods for Monitoring Resuscitation from and Diagnosis of Hemorrhagic Shock During Initial Trauma Resuscitation: A Review | Daniel Davis, M.D. Medicine |
| Identification of Genes Differentially Expressed in Response to All-Trans Retinoic Acid | Gerrit Los, Ph.D. Surgery |
| The Development and Assessment of Patient Education Materials for UCSD Gastroenterology Clinics | Thomas Savides, M.D. Medicine |

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| Patient Empowerment and Provider Efficiency: A Study Assessing the Immunization Levels and Rate of Patient Compliance of the 2-yr-old Population at a School-linked Health Center and a Community Clinic Following Site-Specific Intervention Programs | Sandra Daley, M.D. Pediatrics |
| The Correlation between Brain Structural Changes and Cognitive Function in "Normal" Elderly Individuals | Terry Jernigan, Ph.D. Psychiatry |