

INDEPENDENT STUDY PROJECTS
Class of 2004

Title	Chair/Department
A Comparison of Intubation Methods Between Novices and Experts at the Start of Final Lift	Randolph Hastings, M.D. Anesthesiology
Risk Factors for Preterm Delivery in Tijuana, Mexico	Christina Chambers, Ph.D. Pediatrics
Effect of IV Ketorolac on Capsaicin Induced Deep Tissue Hyperalgesia	Mark Wallace, M.D. Anesthesiology
Sudden Sensorineural Hearing Loss. A Surgical Emergency? A Preliminary Study Evaluating the Safety of Cochlear Perfusion	Jeffrey Harris, M.D., Ph.D. Surgery
Cell Matrix Adhesions on Poly (vinyl alcohol) Hydrogels	Steve Cohen, M.D. Surgery
“UA Pics”	Paul Wolf, M.D. Pathology
Intentional Poisonings: A Comparative View from a Medical Toxicology, Analytical Toxicology, and Psychiatric Perspective at UCSD Medical Center	Saralyn Williams, M.D. Medicine
Retrospective Study Comparing Tailored Immunosuppression in Renal Transplantation to Current Standard of Care Used at UCSD	Marquis Hart, M.D. Surgery
Dislocations of the Thumb Metacarpophalangeal Joint in Children	C. Douglas Wallace, M.D. Pediatrics
B-Type Natriuretic Peptide as a Marker of Lipopolysaccharide Induced Cardiac Depression	Wilbur Lew, M.D. Medicine
Multidisciplinary Clinical Study of the Provision of Abortion Services	Jessica Kingston, M.D. Reproductive Medicine
Attention Differences in Asperger’s Disorder and Attention-Deficit/Hyperactivity Disorder	Doris Trauner, M.D. Neurosciences
Cost-Effectiveness of a Single-Visit Program vs. Usual Care in the Screening and Treatment of Cervical Cancer	Theodore Ganiats, M.D. Family and Preventive Medicine
Identification of Cardiac Dysfunction in Patients with Sleep Apnea Using B-type Natriuretic Peptide	Alan Maisel, M.D. Medicine
Attitudes Toward Psychiatry as Prospective Career Among Medical Students	Christine Moutier, M.D. Psychiatry
Transfer Rates of Community College Students Participating in an Academic Enrichment Program	Sandra Daley, M.D. Pediatrics

Evaluation of a Newly Illuminated Illumitube	Stephen Hayden, M.D. Emergency Medicine
Genetic Influences in Kawasaki Disease	Jane Burns, M.D. Pediatrics
Prospective Observational Study to Establish Predictors of Glyburide Success in Women with Gestational Diabetes Mellitus	Thomas Moore, M.D. Reproductive Medicine
Fresh Osteochondral Allografting in the Treatment of Osteochondritis Dissecans of the Femoral Condyle	William Bugbee, M.D. Orthopaedics
Cystic Fibrosis	Mark Pian, M.D. Pediatrics
Systematic Examination of Neurological Functioning in Young Children with Autism: Characteristic Signs and Clinical Correlations	Eric Courchesne, Ph.D. Neurosciences
Assessing Diabetes-Specific Knowledge in a Costa Rican Population	Steven Edelman, M.D. Medicine
Attention Deficits in Infantile Nephropathic Cystinosis	Doris Trauner, M.D. Neurosciences
Child Behavior and Development	Leslie Laurel, M.D. Pediatrics
Obesity is a Risk Factor for Suicidal Behavior in Pediatric Psychiatric Patients	Jeffrey Schwimmer, M.D. Pediatrics
FCMP: Integrating Diabetes Management From ACE to eXercise	Lucy Moore, M.D. Medicine
Can anti-DNA antibodies mediate antibody-dependent cellular cytotoxicity (ADCC) against neuronal cell lines <i>in vitro</i> ?	Jody Corey-Bloom, M.D., Ph.D. Neurosciences
Retrospective Comparison of HMPAO Scintigraphy with Clinical Criteria for the Assessment of Brain Death at UCSD Medical Center	Carl Hoh, M.D. Nuclear Medicine
Guidelines for Identification and Management of Hepatitis C at the UCSD Student-run Free Clinic Project	Ellen Beck, M.D. Family and Preventive Medicine
The Effect of Stimulant Medications on Height and Weight in Children with Attention-Deficit/Hyperactivity Disorder	Martin Stein, M.D. Pediatrics
Short Term Effects of Morphine on Lymphocyte Proliferation	Ron Ellis, M.D., Ph.D. Neurosciences
“A Time for Greatness”	Sandra Daley, M.D. Pediatrics
Drug Delivery Using the Endotracheal Tube: How Much Remains Inside the Tube?	Mark Greenberg, M.D. Anesthesiology

A New Practical Algorithm for the Differential Diagnosis of a Regular Wide-Complex Tachycardia by Electrocardiography	Gregory Feld, M.D. Medicine
Border Trauma Research Project	David Hoyt, M.D. Surgery
Intonation and Emotion in Autistic Spectrum Disorders	Doris Trauner, M.D. Neurosciences
Prolonged Use of External Subfascial Drainage as Prophylaxis Against and Treatment of Cerebrospinal Fluid Fistula Formation in Lumbar Spine	William Taylor, M.D. Neurosciences
Can a diet high in fruits and vegetables lower plasma total homocysteine concentrations?	Cheryl Rock, Ph.D. Family and Preventive Medicine
Impact of a Multi-disciplinary Serial Inebriate Program (SIP) on Emergency Care Services in San Diego	James Dunford, M.D. Emergency Medicine
Population Prevalence of Fatty Liver in Children and Adolescents in San Diego County	Jeffrey Schwimmer, M.D. Pediatrics
A Retrospective Study of the Vascular Access Profile of New Dialysis Patients in 2001 at UCSD and San Diego VA Medical Centers: A Comparison with the National Kidney Foundation's (K/DOQI) 2000 Guidelines	Thomas Kinney, M.D. Radiology
Outcomes of Open and Endoscopic Carpal Tunnel Release-Meta-analysis of Retrospective Studies	Marek Dobke, M.D. Surgery
Free Clinic Smoking Cessation Program	Ellen Beck, M.D. Family and Preventive Medicine
Child Abuse	Nancy Graff, M.D. Pediatrics
Experimental Study on Newly Created IKKB-Lox Mice	Michael Karin, Ph.D. Pharmacology
Clinical Trial of OPTAx as an Objective Measure of Hyperactivity, Inattention, and Impulsivity Associated with ADHD	Martin Stein, M.D. Pediatrics
Predictors of Cerebral Ventricular Shunt (VPS) Infections	Lindia Willies-Jacobo, M.D. Pediatrics
Changes in HIV-related Healthcare Costs During the HARRT Era for a Perinatally Infected Pediatric Cohort	Rolando Viani, M.D. Pediatrics
β 1D Integrin Expression in Rat Myocytes within Scar Tissue Collected 12 Hours to 2 Weeks Following Myocardial Infarction	James Covell, M.D. Medicine
Protein Kinase A Gene Therapy: Inhibition of Angiogenesis and Tumor Metastases	Judith Varner, Ph.D. Medicine
Paternal Factors That Affect Intracytoplasmic Sperm Injection Outcomes	Hilary Klonoff-Cohen, Ph.D. Family and Preventive Medicine

Cognitive Characteristics of Prader-Willi Syndrome	Doris Trauner, M.D. Neurosciences
Non-invasive Estimation of the Pressure Gradient Across Stenoses Using Ultrasound Contrast: In-vitro Validation	Robert Mattrey, M.D. Radiology
Development of a Food and Nutrition Curriculum for Latino Children in San Diego to be taught by Community Members in a Small Group Setting	Ana Navarro, Ph.D. Family and Preventive Medicine
The Clinical Effectiveness of Brain Natriuretic Peptide and Non-invasive Cardiac Output Measurements in Assessing Congestive Heart Failure: A Doppler Echocardiographic Study	Alan Maisel, M.D. Medicine
Comparing Three Groups of Latinos on Knowledge of Diabetes Mellitus	Jeffrey Chang, M.D. Reproductive Medicine
Utility of B-Type Natriuretic Peptide in the Evaluation of Left Ventricular Diastolic Function: Comparison with Tissue Doppler Imaging Recordings	Alan Maisel, M.D. Medicine
Analysis of Hummoral Responses to an Anti-idiotypic Antibody Vaccine in Children with Neuroblastoma	Alice Yu, M.D., Ph.D. Pediatrics
Quality of Sexual Life in Dementia Patients and Their Partners	Daniel Sewell, M.D. Psychiatry
Retinal Nerve Fiber Layer Thickness Measurements with Scanning Laser Polarimetry Predict Glaucomatous Visual Field Loss	Linda Zangwill, Ph.D. Ophthalmology
Design of a Laparoscopic Instrument for Ventral/Incisional Hernia Repair	David Easter, M.D. Surgery
An Introductory Cultural Competence Curriculum for Medical Students	Ana Navarro, M.D. Family and Preventive Medicine
Assessing the Therapeutic Misconception in Middle Aged and Older Individuals with Schizophrenia and Related Disorders	Dilip Jeste, M.D. Psychiatry
Pharmacology Tutorial	Palmer Taylor, Ph.D. Pharmacology
Evidence of Muscle Salvage after Myocardial Infarction and its Pharmacological Enhancement	James Covell, M.D. Medicine
Testing Therapies for Duchenne Muscular Therapy Using Transgenic Mice	Paul Martin, Ph.D. Neurosciences
Structure-Activity Relationship Development of the Carboxylic Acid Moiety of Etodolac as a Potential Treatment for Chronic Lymphocytic Leukemia	Dennis Carson, M.D. Medicine
Induction of Cardiac Myocyte Detachment by the Disruption of Cell-Matrix Interactions through Activation of Collagenases and Mechanical Stress	Francisco Villarreal, M.D. Medicine

δ_c -CaMKII Overexpression Leads to the Development of Cardiac Hypertrophy <i>in vitro</i> and <i>in vivo</i>	Joan Heller Brown, Ph.D. Pharmacology
Bax-Induction Gene Therapy of Pancreatic Cancer	Michael Bouvet, M.D. Surgery
Design of the UCSD Teen Prenatal Patient Education Program Curricula	Joyce Adams, M.D. Pediatrics
Assessing Pulse Oximetry in the Delivery Room by Video Recording	Neil Finer, M.D. Pediatrics
Educating and Empowering Women in a Hispanic Community: An Educational Campaign Aimed at Evaluating Patient Knowledge about Folic Acid and the Rate of Compliance Following an Educational Intervention	Sandra Daley, M.D. Pediatrics
Evaluation of the Clinical Efficacy of the UCSD Student-run Free Clinic in Caring for the Patients with Type-2 Diabetes: A Longitudinal Follow-up of Glycemic Control and other Variables	Steven Edelman, M.D. Medicine
Regional Analyses of CNS Microdialysate Glucose and Lactate in Seizure Patients	Mark Kritchevsky, M.D. Neurology
Patients at Low Risk for Periprocedural Myocardial Infarction Can Be Identified by Assessment Immediately Following Percutaneous Coronary Intervention	Ehtisham Mahmud, M.D. Medicine
Androgens and GnRH Responsiveness in the Pituitary Gonadotrope	Pamela Mellon, Ph.D. Reproductive Medicine
Outcome of Children Diagnosed Prenatally with Dandy-Walker Variant Malformation	Andrew Hull, M.D. Reproductive Medicine
Gender, Handedness, and Test Performance on Standard Tests of Cognitive Function	Elizabeth Barrett-Connor, M.D. Family and Preventive Medicine
Light Suppression of Melatonin in Elderly Volunteers - A Comparison of Upper and Middle Visual Fields	Dan Kripke, M.D. Psychiatry
Impact of the History of Congestive Heart Failure on Accuracy of BNP in the Emergency Diagnosis of Heart Failure: Results from the Breathing Not Properly (BNP) Multinational Study	Alan Maisel, M.D. Medicine
California Law May Provide a Solution to the Problem of Exchanging Patient Safety Information Among Health Care Organizations (c)	Matthew Weinger, M.D. Anesthesiology
Effect of Substance Use Disorders On Severity and Resolution of Psychiatric Symptoms During Psychiatric Hospitalization for Children and Adolescents	Susan Tapert, Ph.D. Psychiatry
3-D Model of Mammalian 17 Beta-Hydroxysteroid Dehydrogenase-Type 2 with NAD ⁺ and Estradiol	Darrell Fanestil, M.D. Reproductive Medicine
Systematic Review: Evidence for Benefit of Saw Palmetto in Patients with BPH	Beatrice Golomb, M.D., Ph.D. Medicine
Breast Aesthetics: Do All Asian Women Have the Same Preferences?	Marek Dobke, M.D. Surgery

Sample Prevalence of Asthma in the Native American Community	Garry Crummer, M.D. Pediatrics
Comparison of Compliance to Doctor's Advice between Asian Immigrants and Non-immigrants with Risk Factors for CHD	Lawrence Palinkas, Ph.D. Family and Preventive Medicine
Development of a Computer Tool for Determining Treatment Preferences in Cancer Patients	Leslie Lenert, M.D. Medicine
Ciliary Neurotrophic Factor Improves Nerve Conduction and Ameliorates Regeneration Deficits in Diabetic Rats	Nigel Calcutt, Ph.D. Pathology
Endothelial Activity in Peripheral Arterial Disease Determined by Laser Doppler Fluxmetry and Calibrated Photoplethysmography	Arnost Fronck, M.D., Ph.D. Surgery
Analysis and Improvement of the Women's Health Program at Baker Free Clinic	Ellen Beck, M.D. Family and Preventive Medicine
B-Type Natriuretic Peptide (BNP): The Level and the Drug: Partners in the Diagnosis and Management of Congestive Heart Failure	Alan Maisel, M.D. Medicine
Prevention of Neural Tube Birth Defects: A Folic Acid Education Program to Improve Folate Status	Ellen Beck, M.D. Family and Preventive Medicine
Impact of Castration on the Maturation of Atypical Antipsychotic Effects on Sensorimotor Gating in Rats	Neal Swerdlow, M.D. Psychiatry
The Development and Impact of a Preclinical Reproductive Health Elective on Medical Student Knowledge of Women's Health Issues	Thomas Moore, M.D. Reproductive Medicine
Non-invasive Evaluation of Endothelial Activity in Patients with a History of Kawasaki Disease vs. Healthy Controls Using Laser Doppler Fluxmeter	Jane Burns, M.D. Pediatrics

Prepared 10/11/2005