

UCSF CTST Resident Research Funding Awardees

Resident	Residency Program	Mentor	Proposed Research Project Title
Spring 2011			
Dario Englot	Neurological Surgery	Edward Chang	Anterior Temporal Lobectomy for Medically-Refractory Temporal Lobe Epilepsy: National Trends and Post-operative Seizure Outcomes
Seth Cohen	Internal Medicine	Peter Chin-Hong	Prophylaxis of invasive aspergillus infections in lung transplant recipients
Sanjiv Baxi	Internal Medicine	Grant Dorsey	Effect of Indoor Residual Spraying of Insecticides on the Malaria Slide Positivity Rate in an Area of High Transmission Intensity in Uganda
Tiffany Scharschmidt	Dermatology	Michael Fischbach	Skin bacteria as our first line of defense: characterization of molecules promoting and inhibiting growth of Staphylococcus aureus produced by commensal skin Corynebacterium
Esther Lee	Pediatrics	Skokal- Gutierrez Karen	Oral Health and Nutrition Project in Honduras
Jillian Mongelluzzo	Emergency Medicine	Robert Rodriguez	Do Physical Examination Findings Correlate with Fever In Patients with Skin and Soft Tissue Infections?
Hangyul Chung-Esaki	Emergency Medicine	Robert Rodriguez	Decision instrument to predict endocarditis in injection drug users
Alexandra Channing	Pediatrics	David Teitel	Pulse Oximetry Screening for Critical Congenital Heart Disease
Jennifer Wilson	Emergency Medicine	Ralph Wang	Oblique View During Ultrasound-Guided Central Venous Catheterization
Megan Durr	Otolaryngology	Steven Wang	Analysis of p53, p16, cyclin D1 in Non-Smokers with Oral Cavity Cancer
Fall 2011			
Adam Schickedanz	Pediatrics	Thomas Bodenheimer	Understanding the Digital Divide: Improving Electronic Communication in the San Francisco Safety Net Clinics
Matthew Kutcher	Surgery, Plastic Surgery & East Bay Surgery	Mitchell Cohen	Late sequelae of acute traumatic coagulopathy: the role of Protein C
Angela Lipshutz	Anesthesiology	Michael Gropper	Impact of the use of nurse practitioners on mortality in a mixed medical-surgical ICU
Tina Dasgupta	Radiation Oncology	Daphne Haas-Kogan	Molecular Signatures which Predict Response to Therapy in Low Grade Gliomas
David Lange	Internal Medicine	Priscilla Hsue	Prevalence, Correlates and Consequences of Mitral Annular Calcification in HIV Disease
Rushi Parikh	Internal Medicine	Priscilla Hsue	ADMA levels and pulmonary arterial pressure in HIV-infected individuals

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Michael Hall	Emergency Medicine	Maria Raven	EMS-STARS: Emergency Medical Services Superuser Associations, A Retrospective Study
Melissa Morgan	Pediatrics	Theodore Ruel	Effect of Transcutaneous Bilimeter Implementation on the Recognition of Severe Neonatal Hyperbilirubinemia in Karnataka, India
Robert Wirka	Internal Medicine	Robin Shaw	Association of plasma BIN1 and left ventricular mass in patients with aortic stenosis undergoing aortic valve replacement
Heather Bennett	Family Practice	Amy Whittle	The Financial Fitness Clinic: Targeting Social Determinants for Improved Health
Spring 2012			
Daniel Faden	Otolaryngology	Joseph DeRisi	Viral Pathogen Discovery in Oral Tongue Squamous Cell Carcinoma in Young Non-Smoking/Non-Drinking Adults Using Deep Sequencing
Tami Rowen	Anatomic Pathology	Jennifer Kerns	Fertility Outcomes after Uterine Artery Embolization for Post Abortion Hemorrhage
Megan Durr	Otolaryngology	Andrew Murr	Validation of a Novel Sino-Nasal Endoscopy Scoring System
Sahael Stapleton	Internal Medicine	Rita Redberg	Evaluating Adherence to Guidelines for Troponin Assay use in the Emergency Departments of Three Hospitals in a Major United States City.
Hangyul Chung-Esaki	Emergency Medicine	Robert Rodriguez	Ventilator-Associated Pneumonia in the Emergency Department
Kendell German	Pediatrics	Elizabeth Rogers	Perinatal and neonatal risk factors associated with ADHD in school-aged former premature infants and use of brain imaging as predictive marker of disease
Fall 2012			
Karen Mu	Psychiatry	Patricia Arean	Weight and Emotional Well Being in Teens
Emily Levy	Pediatrics	Christopher Dvorak	Safe and effective use of Pentamidine for pediatric PCP prophylaxis
Tyson Turner	Internal Medicine	Peter Ganz	Long-term outcomes in false-positive STEMI activations
Chris Tinkle	Radiation Oncology	Daphne Haas-Kogan	Phase I study of reirradiation with bevacizumab for recurrent brainstem glioma
Lara Zimmermann	Neurology	Claude Hemphill	A Prediction Model for Risk of Hemorrhagic Expansion of Traumatic Cerebral Contusions
Rushi Parikh	Internal Medicine	Priscilla Hsue	The Relationship Between Asymmetric Dimethylarginine and Coronary Artery Disease in HIV Infection
Victoria Parikh	Internal Medicine	Priscilla Hsue	Implications of Circulating microRNA Expression in HIV-PAH: Diagnosis, prognosis and pathobiology

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Molly Quinn	Obstetrics and Gynecology	Heather Huddleston	Prevalence of androgenic alopecia in patients presenting for evaluation of PCOS and characterization of associated features
Adam Lewkowitz	Obstetrics and Gynecology	Miriam Kuppermann	Nonmedical Factors as Predictors of Prenatal Cell-free fetal DNA Screening
Michael Hoefer	Psychiatry	Dieter Meyerhoff	Quantitative Neuroimaging of the Mesial Temporal Lobe Including the Hippocampus to Assess Injury, Recovery, and Predictors of Relapse in Smoking and Non-Smoking Alcoholics during Protracted Abstinence from Alcohol
Jonathan Budzik	Internal Medicine	Payam Nahid	Association of Pyrazinamide Resistance with Tuberculosis Lineage
Daniel Kievlan	Emergency Medicine	Robert Rodriguez	Clinical profiles in injection drug users with infections
Matt Zinter	Pediatrics	Anil Sapru	Differentiating Outcomes in Pediatric ICU Patients with Cancer
Spring 2013			
Joseph Ebinger	Internal Medicine	Christopher Barnett	Methamphetamine Induced Left Ventricular Systolic Dysfunction: A Coming Wave of Heart Failure in a Previously Under Studied Population
Julian Villar	Emergency Medicine	Christopher Fee	Timing of Early Management Bundle in Severe Sepsis and Septic Shock
Nneka Edwards-Jackson	Pediatrics	Valerie Flaherman	Milk Money: A financial incentive intervention to increase breastfeeding rates among low-income, inner-city African American WIC clients
Adam Numis	Other	Heather Fullerton	Predicting epilepsy after traumatic brain injury: A population based study.
Kristoff Olson	Internal Medicine	Peter Ganz	GDF-11, LVH, Diastolic Dysfunction, and Heart Failure
Noelle Ebel	Pediatrics	Melvin Heyman	Growth in early compared to later onset Inflammatory Bowel Disease
Juno Obedin-Maliver	Obstetrics and Gynecology	Rebecca Jackson	Gynecological Surgery for Female-to-Male Transgender Men: Total Vaginal Hysterectomy as an approach for gender confirming surgery.
Sean Kivlehan	Emergency Medicine	Prasanthi Ramanujam	Recognition of Stroke in Emergency Medical Services (ROSIE)
Christopher Stauffer	Psychiatry	Joshua Woolley	The role of oxytocin in trust, impulsivity, and generosity of opioid-dependent individuals and healthy controls
Fall 2013			
Renuka Nayak	Internal Medicine	Lindsey Criswell	DNA methylation patterns associated with lupus nephritis

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Charles Langelier	Internal Medicine	Joe DeRisi	Utilizing Next Generation Sequencing to Identify Co-Infecting Pathogens in Children with Cerebral Malaria and Culture-Negative Febrile CNS Disease
Angelo Clemenzi Allen	Internal Medicine	Sarah Doernberg	The impact of socioeconomic status on clinical outcomes in patients with staphylococcus aureus bacteremia
Lindsey Sheffler	Orthopaedic Surgery	Michelle James	Radiation Exposure to Breast Tissue in Female Orthopaedic Surgeons
Heidi Schmidt	Internal Medicine	Alka Kanaya	Association between Cystatin C and Coronary Artery Calcium in South Asians
Sara Handley	Pediatrics	Henry Lee	Outcomes of Extremely Preterm Infants After Delivery Room Cardiopulmonary Resuscitation
Spring 2014			
Lindsay Hampson	Urology	Benjamin Breyer	Assessing Patient Decision-making Regarding Surgical Management of Urethral Stricture Disease
Heng Duong	Internal Medicine	Harold Collard	Association between pulmonary artery diameter and mortality in idiopathic pulmonary fibrosis
Nicole Bui	Pediatrics	Roberta Keller	Congenital intestinal atresia: association between prenatal sonographic markers and neonatal outcome
Fall 2014			
Marlys Fassett	Dermatology	Mark Ansel	Can microRNAs function as biomarkers for Atopic Dermatitis disease activity?
Jeff Riddell	Emergency Medicine	Patil Armenian	Sedation for Agitated Patients Study (SAPS): A prospective observational study of ketamine as a sedating agent in the acutely agitated emergency department patient
Vivien Sun	Pediatrics	Shonul Jain	Capturing Resilience: Exploring adolescent depression needs
Emily Balkin	Pediatrics	Roberta Keller	Functional Classification as a Predictor of Morbidity and Mortality In Children with Pulmonary Hypertension
Marie Beylin	Emergency Medicine	Steven Polevoi	ICheck Study
Spring 2015			
Kai Li	Emergency Medicine	Zlatan Coralic	Does the use of a single dose of 4mg IV ondansetron cause clinically prolonged QTc in the undifferentiated nauseated patient in the emergency department?
Jonathan Overdeest	Otolaryngology	Andrew Goldberg	Comparative analysis of sinus and lung microbiome composition
Arjun Sinha	Internal Medicine, Categorical	Priscilla Hsue	Role of TMAO in HIV-Associated Atherosclerosis
John Lin	Internal Medicine, Categorical	Dhruv Kazi	Cost-Effectiveness of Polypill for Secondary Prevention Worldwide

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Brian Goudy	Pediatrics	Roberta Keller	The Effect of Cumulative Oxygen Exposure During Neonatal Course on Cognitive Outcomes in Preterm Infants
Elissa Test	Obstetrics, Gynecology and RS	Jennifer Kerns	Training D&E Providers to Improve Estimations of Blood Loss
Kelly Huibregtse	Pediatrics	Kate Matthay	Second Malignancy Incidence & Risk in Neuroblastoma After 131I-MIBG
Margaret Emmott	Pediatrics	Megumi Okumura	A qualitative study of Spanish-speaking parent experiences with transitions to adult care for children with special healthcare needs
Blake Charlton	Internal Medicine, Categorical	Rita Redberg	Length of Hospital Stay and All-Cause Mortality among Adults with Atrial Fibrillation Hospitalized for Bleeding During Treatment with Warfarin, Dabigatran, or Rivaroxaban
Jeffrey Markey	Otolaryngology	William Ryan	The Effect of Submandibular Preservation on Post-operative Xerostomia
Fall 2015			
Ani Kardashian	Internal Medicine, Categorical	Danielle Brandman	The Impact of Morbid Obesity on Liver Transplant Waiting List Outcomes
Ashish Premkumar	Obstetrics, Gynecology and RS	Megan Huchko	Subjective experiences of women screening positive with SBIRT in 5M at San Francisco General Hospital Prenatal Clinic
Geoffrey Hart-Cooper	Pediatrics	Charles Irwin	Adolescent medicine providers' perceived barriers in prescribing pre-exposure prophylaxis (PrEP) to youth at risk of HIV infection
Spring 2016			
Heyman Oo	Pediatrics	Amy Back	Research and Evaluation of the "FUERTE" (Family Reunification and Resiliency Training) Program in SFUSD Schools
Serah Choi	Radiation Oncology	Joseph Costello	Functional role of cancer associated fibroblasts on glioblastoma growth, invasion and angiogenesis
Timothy Judson	Internal Medicine, Categorical	Rita Redberg	Analysis of Studies for Devices Approved for New Technology Add-on Payments
Ellen Bradley	Psychiatry	Joshua Woolley	A pharmaco-imaging approach to predict clinical response to oxytocin
Fall 2016			
Catherine Sun	Ophthalmology	Matilda Chan	Role of Lymphocyte Function-Associated Antigen-1 (LFA-1) in the pathogenesis of pterygia
Amaranta Craig	Obstetrics, Gynecology and RS	Jocelyn Chapman	Disparities in Treatment for Advanced Stage Gynecologic Cancer

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Matias Campos	Other	Christine Hui	Extended cytomegalovirus prophylaxis with valganciclovir in lung transplant recipients
Divya Chari	Otolaryngology	Charles Limb	Effect of Current Focusing on Pitch Perception in Cochlear Implant Recipients
Emilia DeMarchis	Family and Community Medicine	J. Nwando Olayiwola	The Impact of the Patient Centered Medical Home on Health Care Disparities: Examining Current Standards and Future Directions
Grant Smith	Internal Medicine, UC Primary Care	Alex Smith	Predicting Who Will be a Hospital Dependent Patient
Jacob Izenberg	Psychiatry	Irene Yen	Mental Health in a Changing City: Gentrification as a Risk Factor for Psychological Distress
Spring 2017			
Eva Raphael	Family and Community Medicine	Rita Hamad	Health Status of Refugees/Asylees, US-Born and Immigrant Patients
Gopal Lalchandani	Orthopaedic Surgery	Igor Immerman	Patient Outcomes and Costs after Isolated Flexor Tendon Repairs
Polly Fu	Internal Medicine, Categorical	Vanessa Jacoby	Glycemic Control, Insulin Resistance, and Diabetes Development after Risk-Reducing Salpingo-Oophorectomy
Diana Robles	Obstetrics, Gynecology and RS	Vanessa Jacoby	Effects of language barriers in postpartum pain management following cesarean section
Scott Bauer	Internal Medicine, UC Primary Care	Stacey Kenfield	Diet and Erectile Dysfunction in the Health Professionals Follow-up Study
Jin Ge	Internal Medicine, Categorical	Jennifer C. Lai	TIPS Outcomes Among Patients with High MELD
Ashish Agrawal	Anesthesia and Perioperative Care	Debbie Madhok	Comparison of two techniques to measure optic nerve sheath diameter in patients at risk for increased intracranial pressure
David Klein	Obstetrics, Gynecology and RS	Karen Smith-McCune	A pilot study of topical BCG as a novel treatment for high grade VIN
Jae Ho Sohn	Radiology and Biomedical Imaging	Thienkhai Vu	Using Deep Learning to Identify Rib Fractures in Pediatric Chest X-ray to Improve Child Abuse Detection
Ryan Rampersaud	Psychiatry	Owen Wolkowitz	Identification and Characterization of Lactobacillus and Bifidobacterium species associated with depression
Emily Williams	Psychiatry	Joshua Woolley	Effect of 3,4 Methylendioxyamphetamine on psychotherapeutic alliance in an already completed Phase 2 trial of MDMA for the treatment of post-traumatic stress disorder (PTSD)
Fall 2017			
Sara LaHue	Neurology	Vanja Douglas	Structured Pathway Reduces Inpatient Delirium Incidence and Improves Clinical Outcomes

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Jessica Ristau	Internal Medicine, UC Primary Care	Celia Kaplan	Evaluating the relationship between provider characteristics and implementation of the collaborative care model to depression management in an academic primary care clinic
Connie Wang	Internal Medicine, Categorical	Jennifer Lai	Advance Care Planning in Liver Transplantation
Nicole Jiam	Otolaryngology	Charles Limb	Development of the Cochlear Implant Handicap Inventory
Audrey Nguyen	Plastic Surgery	Jason Pomerantz	Mechanisms of Facial Fracture in the Homeless at an Urban Level I Trauma Center
Stephen Magill	Neurological Surgery	David Raleigh	Understanding meningioma brain invasion through single cell transcriptomics
Vaibhav Upadhyay	Internal Medicine, Categorical	Anthony Shum	Exploration of Novel Autoantigens in Patients with Idiopathic Pneumonia with Autoimmune Features
Stefana Morgan	Psychiatry	Susan Voglemaier	Training Healthcare Professionals To Identify and Respond to Victims of Human Trafficking
Brian Anderson	Psychiatry	Josh Woolley	Measuring Cohesion in Group Therapy for Long-term AIDS Survivors
Spring 2018			
Wesley Yu	Dermatology	Sarah Arron	Treatment of Asian Flushing Syndrome with Topical Alpha Agonists
Evan Calabrese	Radiology and Biomedical Imaging	Soonme Cha	Quantitative MRI features of glioblastoma genetic subtypes
Bennett Caughey	Internal Medicine, Categorical	Eric Collisson	Detection of the BRCAness phenotype in cholangiocarcinoma
Monica Parks	Internal Medicine, Categorical	Priscilla Hsue	Differences in the inpatient management and clinical outcomes for HIV+ and HIV- patients hospitalized for acute coronary syndromes.
Anjali Thakkar	Internal Medicine, Categorical	Priscilla Hsue	A retrospective analysis of survival and 30-day readmission rates after incident heart failure admission in the HIV population.
Fay Roepcke	Family and Community Medicine	Shruti Joseph	Patient Attitudes about and Barriers to Postpartum Long-Acting Reversible Contraception
Katherine Wong	Neurology	Caroline Tanner	Dietary Caffeine intake and progression of de novo Parkinson's disease motor and non-motor symptoms
Alex Schrobenhauser-Clonan	Psychiatry	Josh Woolley	Group Process Mechanisms in Pharmacologically-Enhanced Group Therapy
Fall 2018			
Michael Safaee	Neurological Surgery	Christopher Ames	Characterizing the effect of biological age in adult spinal deformity

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Daron Vandeleur	Pediatrics	Ngoc Ly	A single-center, retrospective cohort study investigating PCO2 as a potential predictor of adverse events in the first years of life in infants with bronchopulmonary dysplasia
Nghiem Ha	Internal Medicine, Categorical	Neil Mehta	Racial/Ethnic and Socioeconomic Disparities in Liver Transplant Outcomes among Patients with Hepatocellular Carcinoma
Lulu Tsao	Internal Medicine, Categorical	Iris Otani	Hypogammaglobulinemia in Multiple Sclerosis Patients Receiving Disease-Modifying Immunomodulatory Agents
Gaelen Stanford-Moore	Otolaryngology	William Ryan	Outcomes of Treatment and Risk Factors with Surgery Alone Compared to Radiation Alone for p16-positive HPV Oropharyngeal Squamous Cell Carcinoma
Michael Jung	Anesthesia and Perioperative Care	Jina Sinsky	Perioperative Virtual Reality for Pediatric Anesthesia
Spring 2019			
Georgia Kaidonis (Kamboj)	Ophthalmology	Matilda Chan	miR199b regulates ECM production in Fuchs corneal dystrophy
Eric Mastria	Radiology and Biomedical Imaging	Steven Hetts	Prevention of post-procedure sepsis with endotoxin filtration
Sharon Chiang	Neurology	Vikram Rao	Development of a Patient-Centered Live Quality of Life Instrument for People with Epilepsy
Heather Roberts	Orthopaedic Surgery	David Shearer	Clinical and Economic Impact of Open Tibia Fracture Management in Ghana
Jason Park	Otolaryngology	Aaron Tward	Profiling the adult human inner ear with single cell RNA-seq
Fall 2019			
Maya Overland	Urology	Laurence Baskin	Deciphering the development of the human fetal urethra using single-cell RNASeq lineage analysis
Justin Bullock	Internal Medicine, Categorical	Karen Hauer	From Tiered Grading to Pass/Fail: A Pre-/Post-Study of Impact on Student Perceptions
Allison Lloyd-McLennan	Pediatrics	Nicole Kittler	Prevalence and Risk of Inflammatory Bowel Disease in Pediatric Patients with Hidradenitis Suppurativa
Lauren Grant	Pediatrics	Ngoc Ly	Pulmonary Outcomes with Utilization of Gastrointestinal and Endocrine Medications in Hispanic Cystic Fibrosis Patients
Worawan Limpitikul	Internal Medicine, Categorical	Gregory Marcus	Premature ventricular complex as a predictor of heart failure
Max Goldman	Internal Medicine, Categorical	Neil Mehta	Changes in Pre-Transplant Alpha-fetoprotein Levels in Those with Hepatocellular Carcinoma with Initial AFP of 100-1000 ng/mL as a Predictor of Post-Transplant Survival

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Tiffany Hwang	Pharmacy	Amanda Morris	Evaluation of angiotensin II vs. standard of care in the treatment of vasodilatory shock: a retrospective cohort study
Mary Jue Xu	Otolaryngology	Katherine Van Loon	Outcomes of Head and Neck Cancer Patients in Tanzania
Erica Evans	Pediatrics	Lena Winestone	Work Flexibility and the Financial Impact of Cancer among Hispanic and Non-Hispanic Families of Children with Cancer
Spring 2020			
Adam Wallace	Plastic Surgery	Esther Kim	The effect of pectoral blocks on preoperative pain in simple mastectomy and breast reduction in gender affirmation surgery
Neema Patel	Pediatrics	Sabina Ali	Pediatric Inflammatory Bowel Disease Phenotype in South Asians
Jonah Garry	Internal Medicine, Categorical	Priscilla Hsue	Clinical Outcomes in Heart Failure with Concurrent Cocaine Use
Zachary Matthay	Surgery	Lucy Kornblith	Impact of Catecholamines on Platelet Function after Injury
Amy Showen	Pediatrics	Thomas Chi	Practice Patterns in the Surgical Management of Nephrolithiasis: Data from the American Urological Association Quality Registry
Mark Barry	Surgery	Shibani Pati	Mitigating Vascular Dysfunction and Lung Injury in Trauma with Human Blood Products in a Murine Model of Trauma/Hemorrhagic Shock
Ava Yap	Surgery	Sanziana Roman	Prevalence and Adequacy of Lymph Node Yield in Lymph Node Dissection for Pediatric Papillary Thyroid Cancer
Lyndsey Hunter-Adamson	Pediatrics	Satish Rajagopal	BNP a Predictor of Extubation Failure in the Pediatric Cardiac ICU
Lisa Deng	Internal Medicine, UC Primary Care	Jennifer Lai	Longitudinal assessment of the association of frailty with symptom burden among patients with cirrhosis
Amanda Compadre	Obstetrics, Gynecology and RS	Jocelyn Chapman	Sentinel Lymph Node Mapping in Early Stage Cervical Cancer: Current practices after the Laparoscopic Approach to Cervical Cancer (LACC) trial
Fall 2020			
John Andrews	Neurological Surgery	Edward Chang	RNA-seq from depth electrodes in temporal lobe epilepsy
Heiko Yang	Urology	Tom Chi	Risk stratification for hematuria workup in liver failure patients
Jonathan Nguyen	Pharmacy	Sherif Fanous	Comparison of inhaled treprostinil and oral selexipag effect on pulmonary arterial hypertension progression
Eric Alcid	Psychiatry	Ellen Herbst	Regulatory Changes in Oxidation Status and Inflammation in Co-Occurring Tobacco and Cannabis Use Disorders

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Anh Bui	Ophthalmology	Jay Stewart	Transcriptome changes in sex-bias in diabetic retinopathy
Jacob Young	Neurological Surgery	Phiroz Tarapore	Transcranial Magnetic Stimulation to Enhance Brain Tumor Patient's Motor Recovery
Sonam Dilwali	Neurology	Emmanuelle Waubant	Association of Diet and Pediatric Multiple Sclerosis