NC TRACS PILOT PROGRAM GRANT AWARDEES

CONTENTS

2K Grants
10K Grants
5-50K Grants
50K Grants
Planning Grants
Multi-CTSA Grants
Special RFAs
— Commercialization Awards
— FastTraCS Grants
— Dissemination & Implementation (D&I) Science Awards
— Duke/UNC-Chapel Hill CTSA Consortium Collaborative Translational Research (T1/T2)
— Triad Community-Academic Partnership Development “Bridging Science to Practice”
— Translational Team Science Awards (TTSA)
— Improving Human Health Awards
— Carolinas Collaborative
— TraCS 2K Stakeholder Engagement Voucher
— Translational Science Methods & Process Awards
— NC TraCS/NC State University Collaborative
— Emerging Challenges in Biomedical Research (ECBR)
— CHER/ISP: Promoting Health Equity by Including Underrepresented Participants in Research
— COVID-19 Pilot Grant Program

2K AWARD WINNERS

Abelli Geis, Gina, School of Medicine
December 2009
Assessment of End-of-Life Care for Infants Who Die in the Neonatal Intensive Care Unit

Adams, Leslie, Gillings School of Global Public Health
October 2017
A mixed methods examination of depressive symptomatology and usual sources of care among Black men

Adams, Michael, School of Medicine
Paraghamian, Sarah, School of Medicine
Saylor, Katherine, College of Arts and Sciences
September 2019
Identifying undiagnosed genetic disease: Ovarian cancer germline testing uptake in the UNC healthcare system

Agniew-Brune, Christine, Institute for Global Health & Infectious Diseases
April 2015
Technology Assisted Communication and Dating Abuse Among Adolescents

Agnihothram, Sudhakar, Gillings School of Global Public Health
July 2012
Evaluating the Antigenic Potential of a Novel Dengue Vaccine

Akerman, Adam, School of Medicine
January 2021
Development of a method for targeted gene delivery to the murine thoracic aorta

Alekseev, Oleg, School of Medicine
October 2011
Expression of tNASP as a Novel Diagnostic Marker for Prostate Cancer
$2K Awards cont.

**Alexander, Thomas**, School of Medicine September 2017
Germline CDKN2A/B Deletion in a Family with Predisposition to Leukemia

**Aliaga, Sofia**, School of Medicine July 2009
Understanding Small Area Variation in Late Preterm Births in North Carolina October 2014
Feasibility of NC Medicaid data to study outcomes of late preterm birth

**Allison, Bianca**, School of Medicine
**Perry, Martha**, School of Medicine November 2019
Trends in contraception uptake and continuation over time amongst adolescent females insured by North Carolina Medicaid

**Andersen, Elizabeth**, School of Medicine October 2017
Ovarian Hormone Variability and Mood Symptoms in Girls During the Pubertal Transition: A Feasibility Study

**Anderson, Seri**, Gillings School of Global Public Health October 2017
“Putting Up a Poster About Birth Control Means My Doctor Cares About Me as a Woman”: Evaluating the Impact of Two Contraceptive Fact Sheets on Factors Influencing Women’s Contraceptive Choices

**Armstrong, Andrew**, Gillings School of Global Public Health June 2010
Characterization of Copper as a Disinfectant for Use in Hydrotherapy Facilities

**Arocena, Cindy Leslie**, Eshelman School of Pharmacy July 2010
Understanding the Niche of Care: A Prospective Analysis of the Management of Inpatient Diabetes Mellitus Admitted at UNC Hospital

**Arthur, Janelle**, School of Medicine August 2014
Developing a High Throughput In vivo assay to identify functionally important intestinal bacterial strains

**Assimon, Magdalene**, School of Medicine September 2019
Patterns of use and sudden cardiac death risk associated with prescription QT-prolonging drug exposure among hemodialysis patients

**Azcarate-Peril, Maria**, School of Medicine December 2013
Impact of a Short Chain Galacto-oligosaccharides on the Bifidobacterium Components of the Human Microbiome of Lactose-Intolerant Individuals

**Babinski, Leslie**, School of Education January 2009
Development of a Biofeedback Intervention for Adolescents with Test Anxiety

**Baer, Jordan**, Eshelman School of Pharmacy May 2019
Proof of concept formulation development of long-acting gemcitabine hydrogel for the treatment of pancreatic cancer

**Bainbridge, John**, School of Public Health May 2012
Modeling the Diffusion of Sentinel Lymph Node Biopsy in Breast Cancer Treatment

**Baker, Arthur**, School of Medicine June 2009
Association of Paraoxonase 1 Activity and Preterm Birth

**Baker, Jessica**, School of Medicine March 2016
Eating Disorder Symptoms During Perimenopause

**Baker, Jessica**, School of Medicine
**Young, Laura**, School of Medicine November 2011
Appetite Hormones and Disordered Eating in Midlife Women

**Baker, Justin**, School of Medicine
**Yeh, Jen Jen**, School of Medicine November 2011
Isolating Circulating Tumor Cells in Metastatic Melanoma with Microfluidics

**Baranek, Grace**, School of Medicine June 2010
Eye Tracking Study of Visual Attention and Sensory Hyporesponsiveness in Children with Autism
$2K Awards cont.

Barrett, Katherine, College of Arts & Sciences
July 2015
Leptin, Ghrelin, and Adiponectin in Infants

Batsis, John, Medicine/Geriatrics
September 2021
Going Virtual: Biomarkers of emotion in virtual reality

Battarbee, Ashley, School of Medicine
December 2016
Randomized controlled trial of treatment of steroid-induced maternal hyperglycemia to decrease neonatal hypoglycemia in the late preterm period

Beamon, Carmen, School of Medicine
November 2012
Neonatal Outcomes Associated with Regional Anesthesia in Preeclamptic Patients

Beaubrun, Anne, Eshelman School of Pharmacy
February 2010
Assessing Racial Disparities in Hospitalization Rates in North Carolina Kidney Disease Patients

Bedford, Jim, School of Medicine
Steinseik, Jessica, School of Medicine
June 2020
Current Treatment Practices for Depressive Symptoms in Children and Adolescents with Autism Spectrum Disorder

Beeber, Anna, School of Nursing
July 2009
Dementia Care in the Program of All-Inclusive Care for the Elderly

Belger, Aysenil, School of Medicine
Johns, Josephine, School of Medicine
July 2014
Functional MRI Pilot feasibility of Cocaine effects on Maternal and Reward Neural Circuits

Belger, Aysenil, School of Medicine
Campbell, Alana, School of Medicine
March 2014
Paradigm Development for the Study of Neural Oscillatory Activity Abnormalities in Children with Autism

Berglund, Lisa, School of Medicine
Henderson, Richard, School of Medicine
March 2009
Fractures and DXA Measures in Children with Disabilities

Berman, Ilana, Frank Porter Graham Child Development Institute
Frederick, Helyne, School of Education
February 2022
Understanding participant perspectives on neuroscience and adversity research: Informing CBPR efforts to reduce risk and increase benefits of research participation for marginalized communities

Bey, Genga, Gillings School of Global Public Health
January 2022
Validation of the novel Identity Vitality Pathology Scale among Black and White adults

Bezencon, Jacqueline, Eshelman School of Pharmacy
October 2018
Effect of Sampling Location on Placental Drug Transporter Expression

Bhatt, Aadra, School of Medicine
December 2012
Novel NADPH Oxidase Inhibitors as Therapeutics for Primary Effusion Lymphoma

Bhushan, Nivedita, School of Medicine
October 2019
PrEP Communication Among Adolescents in North Carolina

Bice, Thomas, School of Medicine
Kovacich, Amanda, School of Medicine
March 2019
A Pilot Study of Esophageal Pressure Guided PEEP for Prevention of Ventilator Induced Lung Injury in Obese Patients

Bischof, Jason, School of Medicine
October 2017
Acute care of oncologic emergencies: a hospital based clinic and emergency department hybrid model

Bledsoe, Sarah, School of Social Work
Andringa, Kimberly, School of Nursing
March 2010
Perceptions of Breastfeeding Success in Depressed and Non-Depressed Mothers
$2K Awards cont.

**Blum, Franklin**, Hidradenitis Suppurativa Research Fellow/MS4
February 2022
Comparison of Wet-to-dry vs. Petrolatum and Non-stick Dressings for Second Intention Healing Following Hidradenitis Suppurativa Surgery: A Randomized Clinical Trial

**Bluth, Karen**, School of Medicine
January 2015
Assessing Mindfulness, Self-compassion, and Dimensions of Emotional Well-Being Across Adolescence

**Boettiger, Charlotte**, Psychology & Neuroscience
February 2022
Frontolimbic circuit mediation of mindfulness training effects on behavioral flexibility in emerging adults

**Boggess, Kim**, School of Medicine
April 2012
Umbilical Cord Inflammatory Markers in Pregnancies Complicated by Diabetes

**Bower, Jacquelyn**, School of Medicine
September 2014
Subtype-Specific Cell Cycle Checkpoint Defects as Predictors of Breast Cancer Chemosensitivity

**Bowman, Natalie**, School of Medicine
April 2020
COVID-19 in NC Hispanics: expanding access to NC TraCS-funded COVID research project “Epidemiological and immunological aspects of Coronavirus disease 2019 (COVID-19) in North Carolina”

**Brandon, Anna**, School of Medicine
**Lyerly, Anne Drapkin**, School of Medicine
September 2011
Facilitating Antepartum Research by Enhancing Processes of Informed Consent

**Brantley, Scott**, Eshelman School of Pharmacy
June 2010
Streamlining the Identification of Milk Thistle Constituents Responsible for the Time-Dependent Inhibition of a Major Drug Metabolizing Enzyme

**Brintz, Carrie**, School of Medicine
September 2017
Feasibility of a 4-week, Adapted Mindfulness Program for Adults with Chronic Pain

**Brown, Callie**, School of Medicine
April 2015
Depicting Healthy Weight in a Clinic Poster

**Brownley, Kim**, School of Medicine
December 2012
Pilot Study of Racial Differences in Cholecystokinin

**Bryant, Amy**, School of Medicine
September 2016
Breastfeeding and Hormonal Contraception in the Postpartum Period: Supporting Patient-centered Counseling

**Burclaff, Joseph**, Center for Gastrointestinal Biology & Disease (CGIBD)
February 2022
Optimizing techniques for sorting and analyzing live human Paneth cells

**Buse, John**, School of Medicine
October 2012
Genetic Influences on the Development of Complications in Diabetes

**Bush, Montika**, School of Medicine
April 2021
Pilot Study Assessing the Adoption of Secondary Prevention Measures and Mental Health Symptom Burden After a Myocardial Infarction

**Byrne, James**, Eshelman School of Pharmacy
**Yeh, Jen-Jen**, School of Medicine
December 2013
Novel Device Therapy for the Treatment of Pancreatic Cancer

**Calabrese, Joseph**, School of Medicine
**Pattenden, Samantha**, Eshelman School of Pharmacy
December 2016
Developing small molecule probes to inhibit the regulatory capacity of long noncoding RNAs

**Calancie, Larissa**, Gillings School of Global Public Health
June 2015
Food Council Self-Assessment: Instrument validation and testing a conceptual model explaining food council function
$2K Awards cont.

**Campbell, Alana**, Psychiatry
September 2021
Development of a Voice-based Self-administered Dietary Assessment

**Campo, Rebecca**, School of Medicine
April 2015
Pilot study to assess the feasibility and acceptability of an 8-week mindful self-compassion video-chat group-based intervention for young cancer survivors

**Canipe, Grant**, College of Arts & Sciences
December 2015
Indicators of MCI progression in the aging population: Combining electrophysiological and behavioral measures

**Carden, Marcus**, School of Medicine
**Smitherman, Andrew**, School of Medicine
June 2020
A pilot study assessing p16 levels in adolescent and young adult patients with sickle cell disease at UNC

**Carlson, Laura**, School of Medicine
**Vora, Neeta**, School of Medicine
February 2016
Use of a novel decision aid for prenatal aneuploidy screening: a pilot study

**Carpenter, Delesha**, Pharmaceutical Outcomes and Policy
**Curran, Geoffrey**, College of Pharmacy, University of Arkansas for Medical Sciences (UAMS)
January 2021
Assessing Rural Community Pharmacies’ Ability and Interest in Delivering COVID-19 Vaccinations

**Carpenter, Delesha**, Eshelman School of Pharmacy
**Kiser, Stephanie**, Eshelman School of Pharmacy
March 2020
Documenting the Ability of Rural Community Pharmacies to Respond to COVID-19

**Carpenter, Delesha**, Eshelman School of Pharmacy
**Alexander, Dayna**, Eshelman School of Pharmacy
October 2015
Assessing barriers to adoption of tele-COPD programs for rural residents of Western North Carolina

**Carpenter, Kimberly**, School of Medicine
March 2009
Abnormal Interaction Between Executive and Social-Emotional Brain Circuits in Autism

**Carter-Edwards, Lori**, Gillings School of Global Public Health
February 2018
Understanding Fiscal Readiness to Conduct Community Engaged Research: Multi-Sector Stakeholder Perspectives

**Casanova, Lisa**, Gillings School of Global Public Health
March 2009
Development of a Model System for Measuring Transfer of Viruses via Healthcare Workers’ Hands

**Catalino, Michael**, School of Medicine
**Buss, Emily**, School of Medicine
June 2019
Intraoperative acoustic variation at glioma-brain interface

**Cene, Crystal**, School of Medicine
February 2018
Understanding Fiscal Readiness to Conduct Community Engaged Research: Multi-Sector Stakeholder Perspectives

**Chang, Emily**, School of Medicine
**Johnson, Kennita**, School of Medicine
January 2015
Quantification and characterization of renal perfusion in streptozotocin model of diabetic nephropathy with 4D CEUS

**Chanon, Vicki**, College of Arts & Sciences
March 2010
Genotyping of Neural Correlates of Attentional Bias Toward Cigarette Cues in Active Smokers

**Chaudhury, Padmashree**, School of Medicine
September 2009
Association of VEGF and Preeclampsia

**Chaudhury, Padmashree**, School of Medicine
March 2010
Seprafilm use During Cesarean Section: A Decision Analysis
$2K Awards cont.

**Chen, Hao**, School of Medicine
June 2020
Finding cancer stem cells in Desmoplastic Small Round Cell Tumor (DSRCT)

**Chiarella, Anna**, School of Medicine
January 2018
Activation of miRNAs to Decrease Androgen Receptor Expression in Prostate Cancer Using Novel Bifunctional Molecule Technique

**Christiansen, Mary Kate**, School of Nursing
March 2021
The Impact of Telemedicine Expansion for Office-Based Opioid Treatment on Health Disparities in North Carolina

**Chungfat, Neil**, School of Medicine
August 2016
Metabolomic Analysis of Anterior Chamber Samples in Anterior Uveitis

**Ciccone, Emily**, School of Medicine
June 2019
Knowledge or Noise: The Impact of Gastrointestinal Pathogen Testing on Antibiotic Use and Clinical Management

**Cleveland, Rebecca**, School of Medicine
June 2015
Feasibility of use of the mobile application for the Walk With Ease Program in North Carolina adults with osteoarthritis

**Clutton, Genevieve**, School of Medicine
May 2016
Development of an assay to investigate the lipid storage capacity of CD8 T cells from HIV-infected individuals

**Cobran, Ewan**, Gillings School of Global Public Health
**Overman, Robert**, Eshelman School of Pharmacy
February 2013
Evaluating Racial Differences in Survival and Use of Androgen Deprivation Therapy for Metastatic Prostate Cancer Using The Surveillance, Epidemiology, and End Results Cancer Registry and Medicare Claims Database

**Collins, Matthew**, School of Medicine
November 2016
Viral immunopathogenesis in pregnancy

**Conserve, Donaldson**, Gillings School of Global Public Health
February 2017
Formative Research to test Acceptability of an HIV self-testing Virtual Reality Intervention among Young Black Heterosexual Men in North Carolina

**Cooksey, Christie**, School of Medicine
March 2018
Ectopic Pregnancy, Methotrexate, and the Obese Patient: Extending the Evidence to a Challenging Population

**Cools, Michael**, UNC Hospitals
**Mihalik, Jason**, College of Arts and Sciences
July 2018
Comparing Growth Hormone Levels and Cognitive Performance in Special Operations Forces Combat Soldiers

**Cortes, Yamnia**, School of Nursing
**Thurston, Rebecca**, University of Pittsburgh Medical Center
April 2020
Reproductive hormones as risk factors for progression of carotid plaque burden and characteristics

**Coyne-Beasley, Tamera**, School of Medicine
March 2009
Human Papilloma Virus Vaccine: How to Potentiate Vaccination and Acceptance among Parents of Boys and Young Men

**Crona, Daniel**, Eshelman School of Pharmacy
November 2016
Validation of genetic markers for cytotoxic response to sorafenib in mouse embryonic fibroblast cells

**Cross, Dori**, Gillings School of Global Public Health
December 2009
Customized Web-Based Feedback for Dietary Guideline Adherence: A Feasibility Study among SNAP Beneficiaries in Orange County, NC

**Crowley, Shannon**, School of Medicine
December 2013
Biopsychosocial: Vulnerability to Postpartum Depression: Investigating the Moderating Role of Depression History on Stress Reactivity, Sleep, and Affective Symptomology During Pregnancy

**Cuddeback, Gary**, School of Social Work
July 2010
Evidence-based Practices and Mental Health Courts for Persons with Mental Illness
$2K Awards cont.

**Cummings, Kaitlin**, Psychology & Neuroscience
January 2022
Relationships between Excitatory/Inhibitory Balance in the Anterior Cingulate Cortex, Neuroinflammation, and Reward Circuitry Functioning in Autism Spectrum Disorder

**Cunningham, Kevin**, School of Medicine
**Byom, Lindsey**, School of Medicine
March 2019
Developing an automated assessment of discourse production

**Curtin-Berkoff, Molly**, School of Medicine
March 2009
Child Protective Services and Caregiver Mental Health

**D’Arcy, Monica**, Gillings School of Global Public Health
June 2014
Identifying incident colon or rectal cancer cases using claims data

**D'Arcy, Monica**, Gillings School of Global Public Health
**Mack, Christina**, Gillings School of Global Public Health
August 2012
Evaluate the Association Between SSRIs and Incident Colorectal Cancer Using Medicare Claims Database

**Dahl, Denali**, School of Medicine
March 2018
Innovative applicator device to provide local and efficient drug delivery for treatment of postpartum hemorrhage (PPH) in low-resource settings

**Davis, Hope**, College of Arts and Sciences
September 2019
Association Between Steps Per Day and Knee Joint Health in Individuals at Risk of Post-Traumatic Knee Osteoarthritis

**Davis, Scott**, Eshelman School of Pharmacy
September 2019
Implementation of an Online Educational Video Intervention to Improve Eye Drop Technique

**Davis, Scott**, Eshelman School of Pharmacy
November 2015
Identifying self-management needs of adolescent diabetes patients to develop YouTube videos

**De Marco, Molly**, Gillings School of Global Public Health
**Dorrance, Jessica**, Center for Community Capital
November 2019
Addressing Basic Needs Security in College Students in North Carolina: A Formative Study

**Dellon, Elisabeth**, School of Medicine
**Ray, Emily Miller**, School of Medicine
September 2010
Understanding Risk Factors for Cystic Fibrosis-Associated Liver Disease

**DeSimone, Michelle**, School of Medicine
June 2010
Understanding the Role of VHL Mutation Status in Renal Cell Tumor Apoptosis: Basic Mechanisms and Therapeutic Effects

**Deverka, Patricia**, Eshelman School of Pharmacy
January 2010
Developing an “iPhone Application” for Warfarin Pharmacogenomics-Guided Dosing at the Bedside

**Diehl, Sandra**, Frank Porter Graham Child Development Institute
May 2020
Analyzing the role of social networks in promoting effective implementation of the Triple P Positive Parenting Program

**Diekman, Brian**, Biomedical Engineering
August 2021
Age-related changes in the response of human cartilage to controlled mechanical loading

**Dieter, Alexis**, School of Medicine
**Mueller, Margaret**, Northwestern University
October 2018
Microbiologic Determinants of Bladder Health in Women

**Dilworth-Anderson, Peggye**, Gillings School of Global Public Health
**Linnan, Laura**, Gillings School of Global Public Health
February 2013
The Black Family Reunion: Colorectal Cancer Risk and Prevention

**Doll, Kemi**, School of Medicine; Gillings School of Global Public Health
**Pergolotti, Mackenzi**, Gillings School of Global Public Health
September 2014
Functional Deficits and Quality of Life of Women After Ovarian Cancer Debulking Surgery
$2K Awards cont.

**Doria, Alessandro**, Harvard University School of Public Health  
Identifying DNA Methylation Markers for Breast Cancer Prognosis in the Carolina Breast Cancer Study  
December 2013

**Dorsey, Kathleen**, Gillings School of Global Public Health  
Identifying DNA Methylation Markers for Breast Cancer Prognosis in the Carolina Breast Cancer Study  
December 2013

**Dotson, Andrea**, School of Medicine  
Evaluating the feasibility and patient acceptability of shared decision making telehealth visits for lung cancer screening  
December 2019

**Dougherty, Michael**, School of Medicine  
Effect of COVID-19 pandemic on presentation severity of acute gastrointestinal bleeds  
July 2020

**Dougherty, Michael**, School of Medicine  
The gastric microbiome in gastric adenocarcinoma and gastric premalignant lesions: a pilot study for a 16S rRNA gene sequence survey  
June 2017

**Draeger, Reid**, School of Medicine  
A Novel Approach to Decreasing Infection Risk in Amputees Fitted with an Osseointegrated Direct Skeletal Attachment Prosthesis  
April 2015

**DuBay, Michaela**, School of Medicine  
Bringing Early Autism Identification to the Latino Community: Translation and Cultural Adaptation of the First Years Inventory  
June 2018

**Duffy, Emily**, Department of Nutrition  
Examining facilitators and barriers to utilization of a COVID-19 emergency food program among North Carolina Special Supplemental Nutrition Assistance Program for Women, Infants, and Children (WIC) participants: A feasibility study  
October 2021

**Dulin, Michael**, School of Medicine  
Development of Geospatial Models to Evaluate Interventions Designed to Enhance Primary Care Access for Vulnerable Populations  
January 2009

**Duncan, Alex**, School of Medicine  
Role of Microbial Community Diversity in Symptomatic Gonococcal Infection  
July 2015

**Dunivan, Gena**, School of Medicine  
Injection of 0.125% Bupivacaine During Mid-Urethral Sling Placement for Pain Relief: A Randomized Control Trial  
March 2009

**Dunivan, Gena**, School of Medicine  
Obesity and Female Pelvic Floor Dysfunction  
March 2009

**Dunsmore, Victoria**, NC State University  
Coping with Lung Cancer “Scanxiety”  
March 2021

**Eckel, Stephen**, Eshelman School of Pharmacy  
Evaluation of a new measurement device in improving the accuracy and precision of chemotherapy doses  
August 2014

**Eisenlohr-Moul, Tory**, School of Medicine  
Hormonal Influences on Social-Affiliative Symptoms in Premenstrual Dysphoric Disorder (PMDD): A Feasibility Study  
October 2014

**Elliott-Bynum, Sharon**, CAARE, Inc.  
Sustained Recovery with AfterCAARE: Piloting the CPR Intervention with Graduates of a Community-Based 16-week SACOT Program  
October 2012

**Ellis, Alan**, College of Humanities and Social Sciences, NC State University  
Developing a Comparative, Multilevel Model of Psychotropic Medication Use in Children  
May 2020
$2K Awards cont.

**Elsayed, Heba**, School of Medicine  
*Wells, Mary Ann*, Department of Allied Health Sciences and UNC-Charlotte, School of Medicine  
**Roadmap**: September 2020  
The relation between sleep disorders and other comorbidities in ASD children

**Elsherif, Laila**, School of Medicine  
**Roadmap**: December 2012  
Targeting Neutrophil Extracellular Traps in Sickle Cell Disease

**Estrada Del Campo, Yanire**, Gillings School of Global Public Health  
**Roadmap**: August 2016  
Examining the sociocultural and psychosocial health factors that influence dietary behaviors of Puerto Ricans with diabetes

**Evangelista, Baggio**, School of Medicine  
**Roadmap**: June 2020  
In vivo pilot study of an engineered molecular chaperone as a potential treatment for amyotrophic lateral sclerosis (ALS)

**Evans, Christopher**, UNC Graduate Medical Education / UNC Health, School of Medicine  
**Roadmap**: December 2020  
A Natural Language Processing (NLP) and Machine Learning (ML) Approach to Identification of Incidental Radiology Findings in Trauma Patients Discharged from the Emergency Department

**Evans, Krista**, School of Medicine  
**Charles, Anthony**, School of Medicine  
**Roadmap**: May 2012  
Predictors of Repeat Motor Vehicle Collision Resulting in Hospital Evaluation in Drivers 65 Years and Older

**Eyal, Keren**, Gillings School of Global Public Health  
**Roadmap**: February 2020  
Parent Communication Regarding Anti-Latino Discrimination

**Fabiato, Kristin**, School of Medicine  
**Roadmap**: January 2009  
A Prospective, Randomized Trial Looking at the Effect of Sitosterol on Beta-Cell Function in Patients with Impaired Fasting Glucose, Impaired Glucose Tolerance, or Newly Diagnosed Type 2 Diabetes

**Fanarjian, Nicole**, School of Medicine  
**Roadmap**: September 2009  
Effect of Provision of Free Levonorgestrel (LNG) Intrauterine Device (IUD) on Pregnancy Rates Among Uninsured Women in Central and Eastern North Carolina

**Farel, Claire**, School of Medicine  
**Wohl, David**, School of Medicine  
**Roadmap**: January 2014  
HIV Infection and African American Women Incarcerated in a Southern State Prison System

**Faurot, Keturah**, School of Medicine  
**Roadmap**: May 2019  
Development of a Novel mHealth Application for Dietary Supplement Tracking—Acquiring Patient Perspectives

**Fecho, Karamarie**, School of Medicine  
**Kirschbaum, Kris**, East Carolina University  
**Roadmap**: March 2009  
Invitational Rhetoric as a Tool to Improve Communication Between Anesthesiologists and Surgeons

**Fedoriw, Yuri**, School of Medicine  
**Sarantopoulos, Stefanie**, School of Medicine  
**Roadmap**: September 2010  
Localization of CD27+ B-cells in Human Lymphoid Tissue

**Fiacco, Serena**, School of Medicine  
**Roadmap**: June 2020  
The relationship between stress, inflammation, and sensitivity to social rejection in the menopause transition: A pilot study

**Figler, Brad**, School of Medicine  
**Roadmap**: November 2020  
Transgender Mental Health Care in North Carolina: Investigating Perspectives of Mental Health Services with Transgender Clients and Mental Health Providers

**Flate, Elizabeth**, School of Medicine  
**Roadmap**: November, 2014  
Genetic Profiling of Fibroblasts Derived from Pancreatic Ductal Adenocarcinoma Patients in the Discovery of Stroma Subtypes

**Flower, Kori**, School of Medicine  
**Roadmap**: June 2015  
Understanding Spanish-Speaking Families’ Outpatient Care Experience in an Academic Medical Center
$2K Awards cont.

Fraga, Cynthia, School of Social Work
Reyes, Luz, Gillings School of Global Public Health
June 2019
Feasibility Evaluation of a Parenting Intervention for Latinx Mothers who have Experienced Intimate Partner Violence

Frankowski, Kevin, Eshelman School of Pharmacy
March 2017
Allosteric D3 receptor antagonists as potential therapeutic leads for addiction and schizophrenia

Franz, Jason, School of Medicine
December 2015
Visuomotor entrainment and the control of balance in elderly gait

Frerichs, Leah, School of Medicine
January 2015
A proof of concept study of a youth-engaged systems science approach to address obesity in a rural African American community

Fridman, Ilona, Lineberger Comprehensive Cancer Center
February 2022
Empowering patients to recognize online health misinformation related to prostate cancer

Fritz, Heather, School of Medicine
September 2012
Integrating Diabetes Self-Management Tasks into Daily Life

Frohlich, Flavio, School of Medicine
April 2019
A Pilot, Single-Site, Case-Control Observational Study to Assess the Prevalence of Bartonella in Patients with Schizophrenia/Schizoaffective Disorder Compared to Healthy Controls

Frohlich, Flavio, School of Medicine
October 2017
Physiological Effects of Active Music-Making and Passive Listening: A Randomized Crossover Study of Music Therapy Interventions

Gaddameedhi, Shobhan, School of Medicine
May 2012
Circadian Oscillation of XPA Expression in Human Hair Follicles

Gallippi, Caterina, School of Medicine
April 2012
The Feasibility of ARFI Bleeding Rate and Time to Hemostasis Measures in Hemostatically Normal Dogs with Antithrombotic Therapy

Garbutt, James, School of Medicine
March 2009
Gynmema Sylvestre in Binge Eating Disorder: A Pilot Study

Gehrig, Paola, School of Medicine
Hacker, Kari, School of Medicine
March 2014
Factors Associated with Recurrence Risk in Women with Ovarian Granulosa Cell Tumors

Geiger, Paul, School of Medicine
December 2018
Examining Relationships among Sleep, Cognition, and Hormone Variability in the Menopause Transition: A Feasibility Study

Geller, Elizabeth, School of Medicine
January 2010
Comparative Effectiveness of Robotic-Assisted versus Abdominal Sacrocolpopexy

Geryk, Lorie, Eshelman School of Pharmacy
June 2015
Childhood asthma inhaler use self-efficacy: development of a measure and initial pilot test

Gessner, Ryan, School of Medicine
Dayton, Paul, School of Pharmacy, School of Medicine
May 2012
Large Field Rodent Ultrasound Imaging: A Novel Preclinical Research Tool

Giovanello, Kelly, College of Arts and Sciences
Roth, Shaina, College of Arts and Sciences
September 2019
Electrophysiological Mechanisms of Memory Change in Mild Cognitive Impairment

Girdler, Susan, College of Arts & Sciences / School of Medicine
October 2015
Estradiol fluctuation, the cortisol awakening response and mood in the menopause transition
$2K Awards cont.

**Giscombe, Cheryl**, School of Nursing
January 2009
An Investigation of the Acceptability and Cultural Relevance of Meditation as a Health Intervention for African Americans

**Giuliani, Carol**, School of Medicine
**Rossi, Joseph**, School of Medicine
June 2010
Expanding Cardiac Rehabilitation Programs to Address Balance and Falls in Older Adult Clients

**Glickman, Lawrence**, School of Medicine
December 2009
Vitamin D Deficiency is Associated with Increased Severity of Respiratory Infection in Hospitalized Emergency Department Patients

**Godinez, Isaura**, College of Arts and Sciences
August 2016
Metabolic Syndrome among Purepecha North Carolinians

**Goldblum, Jessica**, College of Arts & Sciences
October 2020
Virtual Assessment of Joint Attention in Young Children with Autism Spectrum Disorder: A Novel Eye Tracking Approach for the New Normal

**Goldstein, Adam**, School of Medicine
February 2010
Evaluation of the Fit Family, 5-2-1-Almost None Campaign to Prevent and Reduce Child Obesity

**Golightly, Yvonne**, Gillings School of Global Public Health
April 2015
Falls Prevention Program for Adults with Osteoarthritis

**Gordon, Jennifer**, School of Medicine
December 2013
Salivary Estradiol and Mood in the Perimenopause: A Pilot Study

**Gracz, Adam**, School of Medicine
January 2015
Quantifying DNA methylation dynamics in human intestinal stem cells

**Graves, Christina**, School of Dentistry
August 2021
Interrogating the impact of early life stress on the gut-brain axis

**Griesemer, Ida**, Gillings School of Global Public Health
May 2019
A qualitative study of the design, implementation, and sustainability of a racial-equity focused intervention at two cancer centers

**Griffin, Ashley**, School of Information & Library Science
December 2019
A Conversational Agent to Support Hypertension Medication Self-Management

**Fuller, Megan**, School of Medicine
May 2011
Identifying Cell-Surface Markers for the Isolation of Intestinal Stem Cells from Human Tissue

**Gracz, Adam**, School of Medicine
April 2012
Establishing a Cell Line-Based Model for Studying Human Intestinal Stem Cells

**Gracz, Adam**, School of Medicine
March 2018
Improving in vivo and in vitro models of intrahepatic cholangiocarcinoma

**Graves, Lee**, School of Medicine
January 2018
Development of a Novel Diagnostic Test for the Early Detection of Cancer

**Greene, Rachel**, College of Arts and Sciences
January 2015
An Evaluation of Eyetracking as a Treatment Outcome Measure for Autism

**Grewen, Karen**, School of Medicine
September 2011
Lactation Effects on Postnatal Vascular Inflammation and Endothelial Function

**Gross, Michael**, School of Medicine
**Mercer, Vicki**, School of Medicine
July 2010
Effects of Foot Orthoses on Balance and Physical Function in Older Adults
$2K Awards cont.

**Grubbs, Joseph**, Gillings School of Global Public Health
February 2013
Validity and Reliability Testing of the UNC Dry Eye Management Scale

**Huynh, Kyle**, Gillings School of Global Public Health

**Guimbellot, Jennifer**, School of Medicine
April 2014
Variation in Response to Correctors in F508del Homozygotes with Cystic Fibrosis

**Habibi, Sohrab**, College of Arts & Sciences
January 2010
Online-Real Time Microdialysis Pharmacokinetic Method by ICPMS

**Haeri, Sina**, School of Medicine
January 2009
Retrospective Data/Specimen Analysis for Hypothesis Generation, Protocol Development or Assessment of Feasibility

**Hagey, Jill**, Obstetrics & Gynecology
September 2021
Ulpristal acetate for use in early pregnancy loss: a phase 2 pilot feasibility study

**Hailey, Claire**, School of Medicine
April 2016
Parenting and Reproductive Concerns of Adults with Cystic Fibrosis

**Hall, William**, Sheps Center for Health Services Research

**Chapman, Mimi**, School of Social Work
December 2016
A Feasibility Study of an Adapted Cognitive Behavior Therapy Intervention to Treat Depression among Lesbian, Gay, and Bisexual Youth

**Hand, Carla**, Gillings School of Global Public Health
March 2009
Use of Novel Neuroprotective Peptides to Treat Cerebral Malaria

**Eswaran, Harish**, Internal Medicine
October 2021
Role of Complement activation in the pathogenesis of livedoid vasculopathy

**Harkey, Matthew**, School of Medicine

**Pietrosimone, Brian**, College of Arts and Sciences
February 2017
Associations Between the Biological and Structural Components of Cartilage Health following Acute Loading in Healthy Participants

**Harrop, Clare**, School of Medicine

**Dallman, Aaron**, School of Medicine
March 2020
The Impact of COVID19 on Families with a Child with Autism Spectrum Disorder (ASD): Behavioral Inflexibility, Anxiety and Quality of Life

**Harrop, Claire**, School of Medicine

**Cohen, Jessica**, College of Arts & Sciences
March 2019
Executive Functions and Behavioral Inflexibility in Attention Deficit Hyperactive Disorder (ADHD): A Cross-Diagnostic Comparison

**Harrop, Claire**, School of Medicine
July 2015
Attention in Girls with Autism Spectrum Disorder (ASD): An Eye-Tracking Approach to Gender-Specific Circumscribed Interests

**Hart, Laura**, School of Medicine

**Mouw, Sheri**, School of Medicine
February 2017
Qualitative study of transitional care clinics for children and young adults with chronic health problems

**Hawke, Roy**, Eshelman School of Pharmacy
Fried, Michael, School of Medicine
July 2010
In Vitro Translation of Ribavirin-Induced Anemia in HCV Patients

**Haynes-Maslow, Lindsay**, School of Medicine

**Lucia, Leone**, School of Public Health
July 2011
Improving Access to Fruit and Vegetables Among Low-Income Individuals in North Carolina

**Hazucha, Milan**, School of Medicine

**Carson, Johnny**, School of Medicine
April 2012
Release of Nitric Oxide by Airway Cell Cultures

---

**UNC**

North Carolina Translational and Clinical Sciences Institute
Herb, Joshua, School of Medicine
Mody, Gita, School of Medicine
Stitzenberg, Karyn, School of Medicine
September 2019
Determinants of Rural-Urban Differences in Surgical Resection for Early Stage Non-Small Cell Lung Cancer in North Carolina

Hernandez, Michelle, School of Medicine
Kwan, Mildred, School of Medicine
March 2009
NLR Expression in Asthma

Hill, Chloe, School of Medicine
January 2009
Development of a More Sensitive Method to Measure Visceral Pain Sensitivity

Hill, Lauren, Sheps Center for Health Services Research
May 2019
Targeting Stress as a Cause of Non-Adherence to Antiretroviral Therapy in People Living with HIV

Hingtgen, Shawn, Eshelman School of Pharmacy
December 2012
Developing Translatable Personalized Cell Therapies for Glioblastoma

Hodges, Eric, School of Nursing
December 2019
Intervention mapping for a novel obesity prevention trial during infancy

Hodges, Eric, School of Nursing
December 2012
Enhancing Caregiver-Infant Communication to Prevent Obesity
April 2010
Growing Together: Parenting in the Early Years
October 2014
Self-regulation of Energy Intake during Infancy

Hoffman, Elizabeth, Gillings School of Global Public Health
September 2010
Feeding Styles and Responsiveness in Mothers with Eating Disorders

Hoffman, Jennifer, Gillings School of Global Public Health
June 2011
Organophosphate Flame Retardant Measurement and Variability in Pregnant Women

Hogan, Vijaya, Gillings School of Global Public Health
March 2009
Eliminating Disparities in Delivery of Women's Preventive Health Care

Hood, Sula, Gillings School of Global Public Health
October 2012
Testing the Feasibility of a Motivational Interviewing Intervention to Promote Healthy Behavior Changes Among Un/Underemployed Adults in Cumberland County: A Pilot Study

Horvath, Katherine, School of Medicine
December 2009
Cigarette Smoke Exposure Alters Influenza Induced Immune Responses in Humans

Houghton, Damon, School of Medicine
Moll, Stephan, School of Medicine
November 2015
Treatment strategies and clinical outcomes for venous thromboembolism with severe thrombocytopenia

Houghton, Odette, School of Medicine
February 2010
Qualitative and Quantitative Evaluation of Intraretinal Cysts in Macular Edema

Hsieh, Jui-Hua, Eshelman School of Pharmacy
January 2010
Design of Novel Therapeutic Agents against Mer Kinase for Cancer Treatment

Huang, Hsien-Sung, School of Medicine
June 2009
Novel Method to Isolate Neuronal and Glial mRNA and its Application to Human Genomic Imprinting Disorders

Hudson-Barr, Diane, School of Nursing
January 2009
Reducing Noise in the NICU to Promote Improved Neurodevelopmental Outcomes

Hunter, Dylan, School of Medicine
Weinhold, Paul, School of Medicine
April 2015
DFO Infused Sutures for Stimulating Angiogenesis
$2K Awards cont.

**Imamoglu, Aslihan**, College of Arts & Sciences
November 2020
Episodic memory changes in individuals genetically at-risk for schizophrenia

**Giovanello, Kelly**, College of Arts & Sciences

**Jaacks, Lindsay**, Gillings School of Global Public Health
**Mayer-Davis, Elizabeth**, Gillings School of Global Public Health; School of Medicine
October 2012
Dietary Intake and Disease Self-Management Assessment Among Patients with Type 1 Diabetes in Beijing, China

**Jaacks, Lindsay**, Gillings School of Global Public Health
**Mayer-Davis, Elizabeth**, Gillings School of Global Public Health; School of Medicine
November 2012
Dietary Intake and Disease Self-Management Assessment Among Patients with Type 1 Diabetes in Beijing, China

**Jaacks, Lindsay**, Gillings School of Global Public Health
**Mayer-Davis, Elizabeth**, Gillings School of Global Public Health; School of Medicine
November 2012
Dietary Intake and Disease Self-Management Assessment Among Patients with Type 1 Diabetes in Beijing, China

**Jarstfer, Michael**, Eshelman School of Pharmacy
**Zamboni, William**, Eshelman School of Pharmacy; School of Medicine
November 2018
In vitro selection of non-binding ssDNA oligos with high serum nuclease resistance

**Jarstfer, Michael**, Eshelman School of Pharmacy
**Jin, Jian**, Eshelman School of Pharmacy
March 2014
Chemical Probes for Regulators of RNA Biogenesis

**Javaid, Sehrish**, School of Dentistry
June 2019
Evaluating the efficacy of combination of ERK inhibition with FTI (tipifarnib) for treatment of HRAS mutant HNSCC

**Jenerette, Coretta**, School of Nursing
June 2010
Use of Mind-Body Therapy in Individuals with Sickle Cell Disease

**Jenerette, Coretta**, School of Nursing
October 2011
Developing the Nurse Subscale of the Sickle Cell Health-Related Stigma Scale

**Jenkins, Kimberly**, Allied Health
March 2021
The Longitudinal Development of English and Spanish Grammatical Skill in Dual Language Learners

**Jenkins, Melissa**, College of Arts and Sciences
**Youngstrom, Eric**, College of Arts and Sciences
June 2012
Cognitive De-Biasing and the Assessment of Pediatric Bipolar Disorder

**Jerger, Kristin**, School of Medicine
July 2016
Feasibility of Protocol for Assessing Brain Activation with Functional Near Infra-red Spectroscopy (fNIRS) during Massage in Autistic Children

**Jhaveri, Ravi**, School of Medicine
January 2015
Defining Influenza C Virus Epidemiology at UNC

**Johnson, Jeffrey**, School of Medicine
**Farag, Sherif**, School of Medicine
November 2020
Deep Learning-Aided Digital Pathology to Improve Diagnosis and Identify High-Risk Features in Melanoma Sentinel Lymph Nodes

**Johnson, Lynn**, School of Medicine
Improving the Prenatal Consultation for Families at Risk for Preterm Delivery

**Johnson, Nell**, UNC Hospitals
April 2010
Epstein Barr Virus (EBV) Reactivation as a Biomarker of Stress in Pregnancy

**Johnston, Christopher**, School of Medicine
October 2019
The Longitudinal Assessment of Quadriceps Muscle Quality for Six Months Following Anterior Cruciate Ligament Reconstruction

**Karmali, Ruchir**, Gillings School of Global Public Health
**Hassmiller Lich, Kristen**, Gillings School of Global Public Health

**Skinner, Ashley**, Duke University
October 2017
Understanding how primary care providers from diverse practice settings approach chronic pain in older adults: A systems science study

**Kasoji, Sunny**, School of Medicine
**Rivera, Judith**, School of Medicine
August 2015
Early assessment of tumor response to radiation therapy using high-resolution quantitative ultrasonic micro-vascular imaging

**Kelm, Katie**, College of Arts & Sciences
November 2011
Decision Fatigue and Impulsive Decision Making
How Natural Disasters in the Rural South Affect Healthcare for Nursing Home Residents

Khairat, Saif, School of Nursing
Sleath, Betsy, Eshelman School of Pharmacy
December 2017
Teleconsent to Overcome Barriers and Gaps in Clinical Trial Enrollment

Khoury, Amal, School of Medicine; Gillings School of Global Public Health
Charles, Anthony, School of Medicine
February 2013
Immune Modulation by Extracorporeal Membrane Oxygenation (ECMO)

Kim, Jinwook, School of Medicine
October 2019
Internal mechanochemical dissolution of retracted blood clots by coadministration of phase change nanodroplets and thrombolytic drugs

Kimbell, Julia, School of Medicine
November 2017
Identification of optimal particulate size range for inhaled steroid transmission to laryngeal vocal fold granulomas through computational fluid dynamics

Kimple, Randall, School of Medicine
June 2009
Pre-clinical Validation of Pazopanib as a Radiosensitizer in K-ras Mutated Lung Cancer

King, Jasmine, Eshelman School of Pharmacy
April 2019
A novel thermo-responsive hydrogel scaffold to deliver neural stem cells for post-surgical treatment of glioblastoma multiforme

Kinlaw, Alan, Sheps Center for Health Services Research
May 2017
Fluoroquinolone utilization before and after Food and Drug Administration boxed warning in 2016

Kistler, Christine, School of Medicine
August 2014
Patient-Centered Medical Appointment Reminders

Klingaman, Kristin, Center for Developmental Science
Hodges, Eric, School of Nursing
March 2011
Challenges to Breastfeeding in Late Preterm Mother-Infant Dyads

Kneipp, Shawn, School of Nursing
June 2011
Social Problem-Solving Feasibility for Women in NC Work First

Kohlfarber, Heidi, School of Dentistry
November 2009
Salivary Proteomic Profiling for Biomarkers in Diabetes

Lang, Patrick, School of Medicine
August 2014
Inhibiting the DNA repair protein ATR as a means to treat medulloblastoma

Lara-Cinisomo, Sandraluz, School of Medicine
Grewen, Karen, School of Medicine; College of Arts and Sciences
Meltzer-Brody, Samantha, School of Medicine
November 2012
A Laboratory-Based Pilot Study of Postpartum Depressed and Non-Depressed Spanish-Speaking Latinas

Lathren, Christine, School of Medicine
Self-Compassion and Parent-Child Relationships in Pre-Adolescents

Lathrop, Hillary, School of Dentistry
Jacox, Laura, School of Dentistry
January 2019
Orthognathic Speech Pathology: Evaluating the effect of jaw discrepancies on disordered speech

Lawrence, Scott, School of Medicine
Mwanza, Jean Claude, School of Medicine
January 2013
Diurnal Relationship Between Intraocular Pressure and Blood Pressure in Normal Tension Glaucoma

Leal, Sixto, School of Medicine
November 2016
Improved molecular diagnostic approaches to detect Clostridium difficile infection
$2K Awards cont.

**Lee, David**, School of Medicine
August 2016
The Effectiveness of Daily Step-based Exercise Using Fitness Monitors for Patients with Peripheral Artery Disease: a Pilot Study

**Lee, Jin**, Eshelman School of Pharmacy
March 2009
Predicting Clinically Relevant Interactions in Human OATP-Mediated Hepatic Uptake of Drugs

**Levinson, Kara**, School of Medicine
January 2018
Retrospective analysis of multidrug-resistant patient isolates for the presence of colistin resistance gene mcr-1

**Lewek, Michael**, College of Arts & Sciences
August 2015
The importance of anterior center of mass velocity during gait on energy cost following stroke

**Lewis, Sarah**, Gillings School of Global Public Health
October 2015
Assessing Quality of Non-Cancer Chronic Care and Medication Adherence for Comorbidities among men with Prostate Cancer

**Li, Hongtao**, School of Medicine
**Ramsden, Christopher**, National Institutes of Health
**Su, Lishan**, School of Medicine
July 2015
The inflammatory status of leukocytes phenotype and function in migraine

**Li, Si On**, School of Dentistry
**Padilla, Ricardo**, School of Dentistry
June 2018
Differential Expression of PD-L1 in Proliferative Verrucous Leukoplakia Lesions

**Li, Wentao**, School of Medicine
November 2018
Development of Targeted Damage-seq Method for Mapping of UV-induced DNA Damage Formation in Human Cells

**Li, Xiaoyan**, UNC Hospitals
January 2018
Exploring Motor Neuron Degeneration in a Novel ALS model

**Li, Yuhui**, School of Medicine
November 2015
Prenatal infection in ferret as an animal model of Schizophrenia

**Li, Zibo**, School of Medicine
January 2015
NTR-1 targeted imaging for prostate cancer diagnosis

**Lightfoot, Alexandra**, Center for Health Promotion & Disease Prevention
August 2015
Enhancing AMP! (Arts-based, Multiple component, Peer education): A Sexual Health Education and HIV Prevention Intervention for North Carolina Adolescents

**Lisee, Caroline**, Exercise and Sports Science
February 2021
Preventing Posttraumatic Osteoarthritis with Physical Activity Promotion

**Little, Lauren**, School of Medicine
December 2012
Stress Response in Young Children with Autism: The Role of Maternal Responsivity

**Lofgren, Eric**, Gillings School of Global Public Health
October 2011
Agent-Based Modeling of Clostridium difficile Transmission in Healthcare Setting

**Luster, Brennon**, School of Medicine
June 2018
Examining brain activation following morphine withdrawal

**Machlin, Laura**, College of Arts and Sciences
September 2016
Pilot study: the impact of deprivation and threatening experiences on neural development

**Macy, Rebecca**, School of Social Work
**Pleasants, Robert**, Campus Health Services
August 2011
Evaluation of Interpersonal Violence Prevention and Intervention Trainings: One Act & HAVEN

**Maffuid, Kaitlyn**, Eshelman School of Pharmacy
**Crona, Daniel**, Eshelman School of Pharmacy
March 2019
Chemically Catalyzed Epigenetic Repression of the MYC Gene as a New Therapeutic Paradigm in Cancer
Maiocchi, Sophie, School of Medicine
October 2020
Encapsulation of thrombolytics with inverse flash nanoprecipitation (IFNP) for their neutrophil-mediated delivery to thrombi

Mallampati, Divya, School of Medicine
Vora, Neeta, School of Medicine
April 2020
Insurance and Practice-Level Variation in Prenatal Genetic Testing

Maness, Patricia, School of Medicine
December 2021
A Novel Mouse Model to Investigate CCK Basket Interneuron Connectivity and Regulation by Cannabinoids in Prefrontal Cortex

Maness, Patricia, School of Medicine
February 2013
Development of a Preclinical Model for Social Deficits in Autism

Maness, Patricia, School of Medicine
April 2012
Synaptic Regulation by NrCAM in Schizophrenia and Depression

Marraccini, Marisa, School of Education
Griffin, Dana, School of Education
Sartain, Lauren, School of Education
June 2020
Understanding School Mental Health Supports for Adolescents with Suicide Risk during COVID-19: Improving Practice During Social Isolation

Mathes, Wendy Foulds, School of Medicine
July 2010
Impact of Adolescent Binge Eating on Adult Feeding Behavior in Rats

Mathews, Allison, School of Medicine
July 2016
Preliminary Focus Groups to Design Crowdsourcing Campaign to Decrease HIV Testing Stigma

Maturavongsadit, Panita, School of Medicine
Benhabbour, Soumya Rahima, School of Medicine
May 2018
Novel Ultra-Long-Acting Injectable Combinatory Implants for Treatment of Osteoporosis

$2K Awards cont.
Mazzella, Anthony, Cardiac Electrophysiology Fellow
Gehi, Anil, Medicine-Cardiology
February 2022
Anticoagulation, Left Atrial Appendage Closure, and Stroke in Patients with Atrial Fibrillation/Flutter

McCormick, Margaret, School of Medicine
September 2011
Investigating a Novel Biologic in Recovery After Myocardial Infarction

McCudden, Christopher, School of Medicine
July 2009
Multivariate Analysis of Laboratory Data for Classification of Patients with Disorders of Calcium Homeostasis

McKibben, Lauren, School of Medicine,
February 2022
Using an animal model of early life adversity to explore FKB5P5 mechanisms of chronic pain susceptibility

McKim, Theresa, College of Arts and Sciences
Boettiger, Charlotte, College of Arts and Sciences
June 2014
Investigating the role of stress in potentiating habitual behavior

McKim, Theresa, College of Arts and Sciences
October 2012
Addiction History and COMT Genotype are Independently Associated with Impairments in Learning and Replacing Arbitrary Stimulus-Response Associations

McLean, Sean, School of Medicine
June 2010
Determination of Molecular Pathways Responsible for Pulmonary Hypertension in Sickle Cell Disease

Meltzer-Brody, Samantha, School of Medicine
Stuebe, Alison, School of Medicine
April 2014
Feasibility of Heart Rate Variability Biofeedback as a Stress Reduction Tool for Hospitalized Pregnant Women

Mercer, Vicki, School of Medicine
Grose, John, School of Medicine
June 2020
Role of Auditory Input in Postural Steadiness during Quiet Standing in Older Adults With and Without Hearing Loss
$2K Awards cont.

Mersereau, Jennifer, School of Medicine
August 2011
Role of Estrogen in Breast Cancer Development in Women with BRCA Gene Mutation

Metzger, Maureen, School of Nursing
June 2014
SPIRIT-HF: A Pilot Study of a Communication Intervention for LVAD Patients and Their Surrogates

Meyer, Katie, Gillings School of Global Public Health
Gordon-Larsen, Penny, Gillings School of Global Public Health
September 2014
A Home-Based Nutrient Challenge for Mechanistic Study in a Population-Based Cohort: a Pilot Study

Mills-Koonce, Roger, College of Arts & Sciences
Heilbron, Nicole, College of Arts & Sciences
May 2012
Stress and Well-Being among LGBTI Young Adults

Mohottige, Dinushika, School of Medicine
June 2010
Using Socio-spatial Methods to Understand the Relationship Between Physical Access to HIV-specific care and HIV Morbidity/Mortality

Mollison, Lonna, School of Medicine
April 2018
Assessing the Viewpoints of African American Parents regarding Population-Level Age-Based Genetic Screening in Newborns and Children, and Evaluating the Impact of Medical Accessibility

Moloney, Mairead, School of Medicine
June 2010
Older Adults and Insomnia: Gauging the Response of Complementary and Alternative Medicine (CAM) Providers in North Carolina

Moon, Andrew, School of Medicine
April 2018
Characteristics and Complications of Opioid Use among Inpatients with Cirrhosis

Moore, Margaret, School of Information and Library Science
Edwards, Phillip, School of Information and Library Science
June 2010
Challenges and Opportunities for Facilitating Translational Research Via the Publication Process

Morocco, Beth, Gillings School of Global Public Health
January 2015
Solidarity Groups to Facilitate Integration and Social Support among Newly-Arrived Congolese Refugees

Morgenlander, Marcia, Gillings School of Global Public Health
April 2017
Current Practices for Identifying and Addressing Social Determinants of Health in Continuity Clinic

Morrison, Arianne, School of Medicine
February 2022
A Descriptive Analysis of HIV Pre-Exposure Prophylaxis (PrEP) Uptake at UNC Health

Muhamed, Ismaeel, NC State University
Pozdin, Vladimir, NC State University
February 2018
The combinatorial effect of electrical current and chemotactic chemical potential of fibrin nanoparticles for enhanced wound healing

Muhlebach, Marianne, School of Medicine
January 2009
Impact of MRSA in Tacheotomized Children

Muhlebach, Marianne, School of Medicine
November 2016
Whole Genome sequencing to determine MRSA persistence

Myers, Joseph, College of Arts & Sciences
October 2010
Ultrasonographic Assessment of Humeral Torsion: A Validation Study

Nackley, Andrea, School of Dentistry
November 2014
The Role of B-adrenergic Receptors in COMT-dependent Persistent Pain and Sexual Dimorphism

Nagendra, Arundati, College of Arts & Sciences
February 2018
Black American Women and Social Cognition
$2K Awards cont.

**Nakamura, Ayumi**, School of Medicine
April 2014
Investigating a novel role of apoptosis in the pathogenesis of autism spectrum disorders

**Narla, Venkata**, School of Medicine
January 2021
Outcomes of Implantable Cardioverter-Defibrillator implantation in HIV infected Patients: A Single Center Retrospective Cohort Study

**Nelson, Amanda**, School of Medicine
March 2009
Transforming Growth Factor-Beta as a Biomarker for Incident and Progressive Radiographic Osteoarthritis at the Knee and Hip: The Johnston County Osteoarthritis Project

**Nelson, Jennifer**, School of Medicine
April 2015
Feasibility Study in UNC Patients with Tetralogy of Fallot

**Neshteruk, Cody**, Gillings School of Global Public Health

**Ward, Dianne**, Gillings School of Global Public Health
May 2016
Physical activity behavior among men and their children: a qualitative study

**Obeng-Gyasi, Emmanuel**, N.C. A&T State University
November 2018
Mapping the Soil Urban Lead Exposome in Greensboro, North Carolina

**O’Connell, Catherine**, School of Medicine
October 2017
Risk-STIck, a multi parameter assay to quantify STI burden, detect antimicrobial resistance markers and inflammatory responses

**O’Connor, Annalouise**, UNC Nutrition Research Institute
January 2013
Identification of Plant Extracts Which Enhance GLP-1 Response

**Oliveira, Gustavo**, School of Dentistry
August 2009
Comparison Among ACP, Fluoride and a Combination of ACP/ Fluoride and Their Ability to Remineralize Incipient Carious Lesions In Vitro

**Ostrowski, Lawrence**, School of Medicine
January 2009
Measurement of Nitrite/Nitrate in Cultures of Normal and Cystic Fibrosis (CF) Cells

**Ostrowski, Lawrence**, School of Medicine
March 2019
Sorting of Carboxypeptidase M Positive Cells for Differentiation of Ciliated Airway Cells from Induced Pluripotent Stem Cells

**Ostrum, Robert**, School of Medicine

**Moskal, Peter**, School of Medicine
August 2015
Design and Validation of a Novel, Low Cost, Zero-Radiation Fluoroscopic Simulation

**Ostrum, Robert**, School of Medicine

**Pattenden, Samantha**, Eshelman School of Pharmacy

**Davis, Ian**, School of Medicine
September 2017
Investigation of a novel compound which can alter aberrant chromatin accessibility in Ewing sarcoma

**Page, Jessica**, Frank Porter Graham Child Development Institute / School of Education

**Lustenberger, Caroline**, School of Medicine
October 2015
Investigating Sleep in Healthy Infants as a Diagnostic Biomarker for Autism Spectrum Disorder

**Pahel, Bhavna**, School of Medicine
January 2009
Parents’ Health Literacy and Their Understanding of Pediatricians’ Oral Health Instructions

**Palmer, Walter**, School of Medicine
November 2011
The Effects of a Matter of Balance on Physical Activity in Older Adults

**Park, Eliza**, School of Medicine
March 2017
Adapting the Parenting Concerns Questionnaire for Patients with Advanced Cancer

**Parnell, Brent**, School of Medicine
March 2009
Validation of Web-Based Administration of the Pelvic Organ Prolapse/Urinary Incontinence Sexual Function Questionnaire (PISQ-12)
$2K Awards cont.

Parobek, Christian, School of Medicine
Juliano, Jonathan, School of Medicine
October 2012
Identification of Microsatellites to Track Drug Resistance in the Human Pathogen Pneumocystis jirovecii

Parry, Traci, School of Medicine
October 2015
Effect of exercise on cancer cachexia metabolomics

Pempe, Elizabeth, Eshelman School of Pharmacy
June 2012
Determining the In Vivo Activity and Clearance of New Anticoagulant Compounds

Pendse, Avani, School of Medicine
November 2015
Napsin-A staining in gynecologic malignancies – evaluating the utility of a small immunohistochemical stain panel in establishing the diagnosis of gynecologic malignancies

Peng, Laura, School of Medicine
Yeh, Jen-Jen, School of Medicine
January 2022
Investigate the intercellular dynamics of pancreatic ductal adenocarcinoma by spatial transcriptomics

Pergolotti, Mackenzi, School of Medicine
June 2012
Occupational Therapy Service for Cancer Patients in North Carolina

Peters, Erica, School of Medicine
September 2019
A Three-Dimensional Model of the Atherosclerotic Niche to Screen Nanocarriers for Mechanosensitive Therapeutic Delivery

Peterson, Eliza, School of Medicine
October 2010
Small-Molecule Inhibitors of S. Pneumoniae EndA that Attenuate Pneumococcal Infection

Pettigrew, Zachary, School of Medicine
Thompson, Peyton, School of Medicine
September 2020
Factors Associated with Pneumococcal Vaccination in Immunosuppressed Children with Rheumatologic Conditions

Pfeiffer, Steven, College of Arts and Sciences
February 2020
Using Ultrasound for Cartilage Imaging in Individuals with Knee Osteoarthritis

Piepmeier, Aaron, School of Medicine
February 2017
Feasibility of an 8-week Tai Chi Chuan Intervention for Breast Cancer Survivors

Pignone, Michael, School of Medicine
October 2012
Formative Research to Develop Diabetes Education Curriculum for Adult Basic Education

Platts-Mills, Timothy, School of Medicine
October 2012
Shared Decision Making for the Selection of Outpatient Analgesic Treatment for Older Emergency Department Patients with Acute Pain

Politte, Laura, School of Medicine
December 2017
Effects of sulforaphane on gut microbiota composition in autism spectrum disorder

Prim, Julianna, School of Medicine
September 2017
Effect of Transcranial Alternating Current Stimulation in Chronic Low Back Pain: A Pilot Study

Propper, Cathi, College of Arts & Sciences
November 2011
Assessing the Feasibility of Collecting Infant Heart Rate Variability at Bedtime

October 2014
Self-regulation of Energy Intake during Infancy

Queen, Kate, Haywood Regional Medical Center Osteoporosis Center
September 2009
Integrating Fall Prevention into Osteoporosis Management

Quinsey, Carolyn, School of Medicine
June 2020
Ketone Esters- Neuro Protection after Concussion
Quist-Nelson, Johanna, Obstetrics & Gynecology
Tully, Kristin, Obstetrics & Gynecology
February 2021
Implementation of perinatal emergency checklists into clinical practice: Insights from three healthcare institutions for translation to UNC Health practice

Raab, Jesse, School of Medicine
November 2016
Identification of small molecule regulators of open chromatin in prostate cancer

Ranney, Leah, School of Medicine
Lee, Joseph, College of Health and Human Performance, East Carolina University
Kowitt, Sarah, School of Medicine
May 2020
Risk Perceptions and Consumer Responses to Marijuana Dispensary Packaging

Reuland, Daniel, School of Medicine
Jolles, Monica, Gillings School of Global Public Health
August 2012
Pilot Testing a Combined Intervention of a Spanish Language Colorectal Cancer Screening Decision Aid and Navigation: The CHOICES/OPCIONES Project

Richardson, Daniel, Division of Hematology & Oncology
Mazur, Lucasz, Carolina Health Informatics Program and Department of Radiation Oncology
February 2022
Identifying challenges and stressors related to “lumen hub-needleless clave” seizures when accessing central venous catheters (CVCs) for treatment infusions: a pilot study

Richardson, Taryn, School of Medicine
NLR Expression in Asthma
Ritchwood, Tiarney, School of Medicine
December 2013
Substance Use and Risky Sexual Behavior among Adolescents: A Meta-analysis

Rivadeneira, Alfredo, School of Medicine
September 2014
Formative Evaluation of Camine Con Gusto

Roberts, Megan, Eshelman School of Pharmacy
December 2021
Population genetic screening: Understanding strategies for equitable uptake of screening

Roberts, Megan, Eshelman School of Pharmacy
Passero, Lauren, Eshelman School of Pharmacy
September 2021
Assessing the Short and Long-Term Costs of Familial Hypercholesterolemia Management in Healthy Adults in North Carolina

Robinson, Donita, School of Medicine
March 2018
Reversal of the pharmacological effects of cocaine by allopregnanolone
Rodgers, Jo Ellen, Eshelman School of Pharmacy
October 2012
Impact of Induced Therapeutic Hypothermia on Prasugrel Pharmacokinetics

Rogers, Jen, School of Medicine
February 2013
Mechanism and Markers of Seropositive Lupus

Rohde, Jacob, School of Media & Journalism
May 2019
Developing a Measure of Perceived Message Effectiveness for Youth E-Cigarette Prevention

Roppolo, Rebecca, Frank Porter Graham Child Development Institute
Aldridge, William, Frank Porter Graham Child Development Institute
November 2017
Measuring Local Service Agency Capacity to Implement Evidence-Based Programs: Initial Instrument Development

Roth, Isabel, School of Medicine
December 2019
Feasibility of Integrative Medical Group Visits in an Outpatient Setting with a High Burden of Patients with Chronic Pain

Rowley, Diane, Gillings School of Global Public Health
January 2009
Use of Group Prenatal Care to Reduce Preterm Births

Samuel, Cleo, Gillings School of Global Public Health
July 2015
Cancer Health Accountability for Managing Pain and Symptoms (CHAMPS) Study

Sanchez Varela, Ana Milena, School of Medicine
November 2009
End of Life Experiences of Children at North Carolina Children’s Hospital
$2K Awards cont.

**Sandercock, Rachel**, College of Arts & Sciences  
March 2017  
Examining the Validity of Self-Report in Adults with Autism Spectrum Disorder

**Sano, Michael**, School of Medicine  
Fogle, Callie, NC State University  
May 2019  
A Feasibility Study for using INSPIRE Focal Ablation Technology for the Treatment of Melanoma Using an Equine Model of Disease

**Santoro, Maria**, School of Medicine  
February 2013  
High-Throughput Analysis of DNA Damage Response Kinetics in Intestinal Stem Cells Following Radiation Injury: Effects of Obesity on Repair

**Scherer, Elissa**, Center for Health Analytics and Media Policy, RTI  
February 2021  
Evaluating Best Practices for Sensor-Based Data Collection

**Schiller, Crystal**, School of Medicine  
August 2012  
The Role of Oxytocin in the Pathophysiology of Postpartum Depression

**Schipul, Sarah**, School of Medicine  
Belger, Aysenil, School of Medicine  
April 2015  
Brain Connectivity and Plasticity in Children with Autism Spectrum Disorder

**Schuck, Robert**, Eshelman School of Pharmacy  
September 2009  
Functional Characterization of a 5-Lipoxygenase Polymorphism in Patients with Atherosclerotic Cardiovascular Disease

**Shafer, Jenni**, School of Medicine  
February 2022  
Informing a mindfulness-based intervention to promote information uptake in caregivers for people with aphasia

**Shafer, Paul**, Gillings School of Global Public Health  
**Shafer, Jennifer**, School of Medicine  
June 2016  
Identifying Access Barriers to Outpatient Rehabilitative Care After Stroke

**Shah, Naman**, Gillings School of Global Public Health  
November 2009  
A Reagentless and Automated Malaria Diagnostic Device Using the Birefringent Properties of Hemozoin

**Shah, Pavak**, School of Medicine  
November 2009  
Low-cost Automated Diagnostics for Tuberculosis

**Shanle, Erin**, College of Arts & Sciences  
November 2015  
Investigation of YEATS2 expression in ovarian cancers

**Sharma, Preetika**, Eshelman School of Pharmacy  
September 2018  
A Novel Biodissolvable Film for Localized and Efficient Treatment of Vulvodynia

**Shea, Chris**, Gillings School of Global Public Health  
June 2018  
Documenting Medication Errors in Community Health Center Pharmacies: There's an App for That!

**Sheikh, Saira**, School of Medicine  
**Callahan, Leigh**, School of Medicine  
**Kaufman, Katherine**, UNC Health Care  
October 2015  
Walk with Ease Program for Patients with Systemic Lupus Erythematosus - Walk SLE

**Short, Sarah**, School of Medicine  
**Buss, Claudia**, University of California at Irvine  
April 2012  
Validating Hair Samples as a Cumulative Index of Circulating Cortisol

**Siedhoff, Matthew**, School of Medicine  
July 2012  
Simulating Vaginal Cuff Closure in Total Laparoscopic Hysterectomy

**Sikich, Linmarie**, School of Medicine  
April 2015  
anti-NMDA Receptor Encephalitis: Case Review of Patients at UNCH and DUMC

**Skinner, Asheley**, School of Medicine  
June 2014  
Improving the Use and Usefulness of Child Medical Evaluations in North Carolina: Importance of Child Welfare Caseworker Perceptions
$2K Awards cont.

**Slater, Nathaniel**, School of Medicine
January 2014
Tumor-specific Methylation Patterns in Circulating DNA as a Biomarker for Metastatic Melanoma

**Smith, Chris**, School of Medicine
May 2012
Investigating the Impact of Genetic Polymorphisms in Dopaminergic Signaling on Immediate Reward Bias Behavior

**Smith, Philip**, Eshelman School of Pharmacy
December 2012
Quantitative Phosphoproteomics of Kinases in Breast Cancer

**Smith Taillie, Lindsey**, Gillings School of Global Public Health

**Grummon, Anna**, Gillings School of Global Public Health
September 2017
Evaluating the impact of health warning labels on sugar-sweetened beverage purchases in a real-stakes setting

**Sommer, Courtney**, School of Medicine
February 2010
Utilization of Breast MRI in Newly Diagnosed Cancer

**Soto, Sandra**, School of Nursing
**Callahan, Leigh**, School of Medicine
**Berry, Diane**, School of Nursing
October 2018
Exploring physical activity motivation between Latinas with osteoarthritis and their supportive person

**Sparkenbaugh, Erica**, Division of Hematology & Oncology
February 2022
Evaluation of Pre-thrombotic Markers in Female Patients with Sickle Cell Disease on Hormonal Contraception

**Spees, Lisa**, Sheps Center for Health Services Research
March 2017
Identifying rural/urban and distance to care disparities in stage of diagnosis and treatment of cervical cancer in North Carolina

**Rachel Stemerman**, Carolina Health Informatics Program
**Rebecca Kitzmiller**, School of Nursing
September 2019
A generalizable machine learning approach to building a comprehensive social determinant of health patient profile using EHR data

**Stepp, Wesley**, School of Medicine
May 2016
Molecular profiling of traumatic burn injuries to assess patient immune function

**Stewart, Jill**, School of Public Health
**Fry, Rebecca**, School of Public Health
September 2011
Biomarkers to Assess Infectivity of Staphylococcus Isolated from Surface Waters

**Stitzenberg, Karyn**, School of Medicine; Gillings School of Global Public Health
September 2012
Practice Patterns and Long-Term Outcomes of Rectal Cancer Treated with Transanal Excision

**Stoner, Lee**, College of Arts and Sciences
November 2019
The effects of mental stress with and without prolonged sitting on whole-body cardiovascular health

**Stover, Amanda**, Eshelman School of Pharmacy
June 2021
Community pharmacists as suicide prevention resources: Patient perspectives

**Strassle, Paula**, Gillings School of Global Public Health
September 2017
Incidence and Risk Factors of Non-Device Associated Hospital-Associated Infections

**Suarez, Elizabeth**, Gillings School of Global Public Health
February 2018
Use of ondansetron for nausea and vomiting during pregnancy and adverse pregnancy outcomes

**Succup, Benjamin**, School of Medicine
**Sindelar, Brian**, Neurosurgery
February 2022
Internal Jugular Vein Compression Collar for Novel Symptomatic Treatment of Venous Pulsatile Tinnitus
**Sun, Xuezheng**, Gillings School of Global Public Health
May 2018
Integrative Analysis to Identify Epithelium and Stroma Specific Transcriptional Alterations in Benign Breast Tissues

**Swahari, Vijay**, School of Medicine
January 2015
Exploring the role of a novel microRNA in obsessive compulsive disorders

**Syed, Faisel**, Cardiology
December 2021
Artificial Intelligence in Cardiovascular Health and Disease

**Tackett, Zachary**, Eshelman School of Pharmacy
July 2010
Characterization of a Novel Fluoroquinolone Resistance Gene in Staphylococcus aureus

**Taylor, Genevieve**, School of Medicine
O’Shea, Michael, School of Medicine
*Price, Wayne*, School of Medicine
November 2017
Value of the Neonatal Research Network Estimator for Predicting School-Age Neurodevelopmental Outcomes of Extremely Premature Infants

**Teng, Brian**, Eshelman School of Pharmacy
July 2012
Behavioral Pharmacology of Oxytocin Metabolites

**Thatcher, Esther**, School of Nursing
October 2015
Development of a Nutrition and Food Preparation Training Program for Home Care Aides: A Formative Study

**Thomas, Nancy**, School of Medicine
April 2011
Impact of T-bet Polymorphisms on Innate Immune Functioning

**Thomas, Nancy**, School of Medicine
Alldredge, Virginia, School of Medicine
April 2012
Evaluating Expression of KLK-10 in BRAF Mutant Versus Wild Type Melanoma

**Thomas, Tainayah**, Gillings School of Global Public Health
Samuel-Hodge, Carmen, Gillings School of Global Public Health
Golin, Carol, Gillings School of Global Public Health; School of Medicine
March 2018
Mixed Methods Approach to Examine Prediabetes Screening, Follow-up Care & Clinical Guideline Implementation

**Thompson, Kelsey**, School of Medicine
September 2020
Development of an Interdisciplinary Decision Guide for Preterm Infant Feeding Assessment

**Tikunov, Andrey**, School of Medicine
Gershon, Timothy, School of Medicine
November 2010
Metabolic Profiling of Murine Medulloblastoma Tumors

**Travers, Debbie**, School of Nursing
June 2009
Emergency Department Utilization by Oncology Patients

**Turner, Kea**, Gillings School of Global Public Health
April 2017
Piloting a Medicaid population health management intervention in NC community pharmacies: An implementation study

**Turner, Rachael**, School of Medicine
August 2009
Cryopreservation of Human Hepatic Stem Cells for Therapeutic Banking

**Turner, Robert**, College of Arts and Sciences
Coyne-Beasley, Tamera, School of Medicine
October 2012
The Relationships Between Athletic Participation, Physical Activity, Eating Behaviors, and Obesity Among Adolescents

**Urck, Ben**, Eshelman School of Pharmacy
Gratie, Daniel, Eshelman School of Pharmacy
March 2018
Validity of Prescription Claims as a Proxy for Diagnosis of Diabetes

**van Aalst, John**, School of Medicine
March 2010
Keratinogenesis from SSEA-4+ Umbilical Cord-Derived Mesenchymal Stem Cells
van Aalst, John, School of Medicine
Dennis, Robert, School of Medicine
November 2011
Implanted Bioreactor to Direct Development of Engineered Cartilage in Mice

Van Meter, Anna, College of Arts & Sciences
November 2011
Threat Sensitivity as a Vulnerability Factor for Disordered Mood

Veit, Lindsay, School of Medicine
April 2010
Exploring the Impact of Hydroxyurea Treatment on Osteonecrosis of the Femoral Head in Patients with Sickle Cell Disease

Vernali, Michelle, School of Medicine
November 2012
Investigating the Relationship Between Breslow Depth and IRAK-M Expression in Melanoma

Vielot, Nadja, Family Medicine
December 2021
Determining eligibility and readiness for rural North Carolina clinics to participate in an HPV vaccination trial: a feasibility study

Virkud, Arti, Gillings School of Global Public Health
July 2020
Estimating the Comparative Effect of Loop Diuretics Using Medicare Claims Linked Electronic Health Record (EHR) Data and Precision Medicine Machine Learning Methods

Vora, Neeta, School of Medicine
Mieczkowski, Piotr, School of Medicine
September 2016
Pilot investigation: Investigating fetal gene expression in preterm birth

Wallace, Deshira, Gillings School of Global Public Health
Barrington, Clare, Gillings School of Global Public Health
Lytle, Leslie, Gillings School of Global Public Health
March 2018
Experiences of stressors and their effect on engagement in health behaviors for Latinos at high-risk of developing type 2 diabetes

Wang, Lin, School of Medicine
May 2019
Analysis and Integration of Signaling Pathways in the Development and Progression of Head and Neck Squamous Cell Carcinoma Based on Whole Genome RNA Sequencing Data from the Cancer Genome Atlas Database

Wang, Xiang (Simon), Eshelman School of Pharmacy
January 2009
Structure-based Development of Allosteric Modulators for Adenosine Receptor A2A to Treat Human Cardiovascular Diseases and Neurodegenerative Diseases

Watanaboonyongcharoen, Phandee, School of Medicine
April 2012
Understanding the Role of Interferon-alpha in Thrombotic Thrombocytopenic Purpura

Wedlake, Tiffany, Gillings School of Global Public Health
November 2009
Physician Prostate Cancer Screening Practices and Influences

Weinhold, Paul, School of Medicine
April 2011
Low Magnitude, High Frequency Vibration to Accelerate Ligament Healing

Weinstein, Joshua, Gillings School of Global Public Health
February 2022
Evaluating North Carolina Medicaid Policies that Affect Access to and Utilization of Continuous Glucose Monitoring Technology

The Strong Black Woman Script and Obesity Risk- How to Navigate Your Reality
$2K Awards cont.

**Wells, Mary**, School of Medicine  
**Sanders, Anne**, School of Dentistry  
**Vaughn, Bradley**, School of Medicine  
**Essick, Gregory**, School of Dentistry  
April 2016  
Validity of the Basis Peak Sleep Tracking Device to Determine Sleep Duration and Detect Sleep Stages: An Evaluation against Type I Attended (in-laboratory) Polysomnography

**Wheeler, Stephanie**, Gillings School of Global Public Health  
August 2009  
Characteristics and Determinants of Innovation Diffusion, Adoption, and Patient Outcomes Related to Breast Cancer Disparities

**Wheless, Anna**, School of Medicine  
December 2021  
Probing side effects of a gene therapy candidate for severe chronic hypertriglyceridemia

**Will, Kelly**, College of Arts & Sciences  
December 2010  
Omega-6 to Omega-3 Fatty Acid Ratio and Higher-Order Cognitive Function in 7- to 9-Year-Olds

**Williams, Dorsey (Blaise)**, East Carolina University  
**Steinbaker, C. Ryan**, Eastern Radiologists  
November 2010  
Magnetic Resonance Analysis of Intrinsic Foot Musculature during Running

**Williams, Lindsay**, Gillings School of Global Public Health  
**Yeh, Jen Jen**, School of Medicine  
November 2014  
Isolation and Identification of Circulating Tumor Cells in Metastatic Pancreatic Cancer

**Williams, Sarah**, School of Medicine  
August 2009  
Development of an Animal Model for Postpartum Anxiety and Depression Disorders

**Williamson, Ian**, School of Medicine  
November 2017  
Demonstrating Human Organoid-Microbiota Co-Culture Compatibility to Provide a Robust in vitro Interaction Screening Tool

**Wiley, Amanda**, Psychology & Neurosciences,  
**Rager, Julia**, Gillings School of Public Health  
**Propper, Cathi**, FPG Child Development Institute  
March 2021  
Testing the feasibility of using silicone bands to ascertain exposure to environmental contaminants in children younger than 3

**Wong, Jacqueline**, School of Medicine  
October 2020  
An investigation of the association between surgeon sex and laparoscopic device ergonomic strain in gynecologic surgery

**Wouna, Manoj**, February 2015  
Tracking outcomes in pain patients using personal fitness devices

**Wyllie, Amanda**, Psychology & Neurosciences,  
**Rager, Julia**, Gillings School of Public Health  
**Propper, Cathi**, FPG Child Development Institute  
March 2021  
Testing the feasibility of using silicone bands to ascertain exposure to environmental contaminants in children younger than 3

**Xue, Jing**, School of Medicine  
March 2018  
In utero vitamin D depletion regulates Tfpt expression in adults
$2K Awards cont.

Yeo, SeonAe, School of Nursing  
Stoner, Lee, College of Arts & Sciences  
October 2018  
Validation of ActiGraph and ActivPal in Assessing Sedentary and Light Activities with Obese Pregnant Women

Young, Isabella, Eshelman School of Pharmacy  
March 2020  
A Novel Injectable Long-acting Multi-Purpose Technology for Prevention of STIs and Unintended Pregnancy

Young, Jessica, Gillings School of Global Public Health  
September 2018  
Examining the role of perioperative gabapentinoid use in preventing long-term opioid therapy after surgery

Yuan, Hong, School of Medicine  
Cohen, Todd, School of Medicine  
Wu, Zhanhong, School of Medicine  
September 2016  
Evaluation of PET imaging for Tau pathology on transgenic mouse models

Yue, Wei, Eshelman School of Pharmacy  
December 2009  
Predicting OATP-mediated drug-drug interactions between tyrosine kinase inhibitor (TKI) drugs and statins in primary human hepatocytes

Yunker, Amanda, School of Medicine  
April 2010  
Cervical Stump Reinnervation after Supracervical Hysterectomy for Pain and Non-pain Indications: A Retrospective Analysis

Zolnoun, Denniz, School of Medicine  
January 2009  
Endometriosis: An Evaluation of Long Term Surgical Outcomes

Zong, Xiaopeng, School of Medicine  
November 2020  
Automatic Segmentation and Quantitative Analysis of Deep Medullary Veins in 7T MRI Brain Images

Zukowski, Lisa, School of Medicine  
June 2016  
Falls in Older Adults: Exploring Interactions between Gait, Gaze Behavior, and Cognition

10K AWARD WINNERS

Asher, Gary, School of Medicine  
October 2009  
Nitric Oxide (NO)-Mediated Vasodilatory Response to Hawthorn Standardized Extract (HSE)

Bencharit, Sompop, School of Dentistry  
November 2010  
Salivary Proteomic Analysis for Diabetes

Berry, Diane, School of Nursing  
February 2009  
A Pilot Study To Test a Community-Based Intervention to Manage Overweight and Prevent Type 2 Diabetes in Spanish-Speaking Women and Prevent Excess Weight Gain in Their 2 to 4 Year Old Children

Brittain, Julia, School of Medicine  
May 2009  
Oxytocin and Pain in Sickle Cell Disease

Brouwer, Kim, Eshelman School of Pharmacy  
February 2009  
Drug-Drug Interactions in the Liver: Effect of Ritonavir, a Transport Protein Modulator, on the Hepatic Exposure of 99m Technetium-Mebrofenin in Healthy Human Volunteers

Burker, Eileen, School of Medicine  
May 2009  
From the Community to the OR: EMS Workers’ Knowledge of and Attitudes Toward Heart-Beating and Non-Heart-Beating Organ and Tissue Donation

Caron, Whitney, Eshelman School of Pharmacy  
May 2010  
Development of Ex Vivo Phenotypic Probes to Guide Pegylated Liposomal Doxorubicin (Doxil) Therapy in Patients

Carter, Yvonne, School of Medicine  
November 2010  
Facilitators and Barriers to HIV Testing Among Heterosexual African-American Men at Risk for HIV Infection in Rural North Carolina

Cates, Joan, School of Journalism and Mass Communication  
February 2009  
Addressing Racial Disparities in HPV Vaccine Acceptability: Interviews with female African Caregivers of Adolescents Girls in Rural NC
$10K Awards cont.

Cevidanes, Lucia, School of Dentistry
May 2009
3D Quantification of Osteoarthritis

Charles, Anthony, School of Medicine
October 2009
The Accuracy of a Verbal Autopsy Tool in Injury Surveillance in Malawi

Coghill, James, School of Medicine
January 2010
Targeting CC-Chemokine Receptor 7 for the Management of Graft-Versus-Host Disease

Coyne-Beasley, Tamara, School of Medicine
May 2009
Human Papilloma Virus Vaccine: How to Potentiate Vaccination and Acceptance among Young Men

Crockett, Seth, School of Medicine
January 2010
Do Statins Reduce Flares of Inflammatory Bowel Disease? A Retrospective Cohort Study

Dennis, Ann, School of Medicine
May 2010
The Molecular Epidemiology of HIV-Infected Latinos in North Carolina

Dichter, Gabriel, School of Medicine
May 2010
Using fMRI to Aid Drug Discovery in Autism

Domino, Marisa, Gillings School of Global Public Health
May 2009
Psychotropic Medication Use in Medicaid

Evenson, Kelly, Gillings School of Global Public Health
Steiner, Anne, School of Medicine
July 2010
Impact of Physical Activity on Achieving Pregnancy

Federspiel, Jerome, Gillings School of Global Public Health
Gaylord, Susan, School of Medicine
Smith, Sunyata, School of Medicine
June 2011
A Randomized Controlled Pilot Study to Test a Novel Intervention to Reduce Oxidative Stress in African-Americans with Prediabetes

Gookin, Jody, North Carolina State University
October 2009
Defining the Microbiome of Necrotizing Enterocolitis - From Model to Patient Management

Gourlay, Margaret, School of Medicine
October 2009
Osteoporosis and Distal Radius Fractures in Younger Postmenopausal Women

Gracely, Richard, School of Dentistry
May 2009
Vibrotactile Discrimination in Fibromyalgia: Biomarker and Mechanisms
Green, Sherri, Gillings School of Global Public Health
May 2009
Addressing the Research-to-Practice Gap: A Feasibility Study For Use of a Web-Interface Tool in Evidence-Based Practice Translation Research

Grewen, Karen, School of Medicine
July 2009
Prenatal Nicotine Exposure Effects on Infant Brain Development

Haithcock, Benjamin, School of Medicine
May 2010
Evaluation of Swine Transplanted Lungs Retrieved From Brain Death Donors

Haley, Katarina, School of Medicine
February 2009
Life Interests and Value Cards: Supporting Self-Determination in People with Aphasia

Hand, Carla, Gillings School of Global Public Health
January 2010
Hemozoin Breakers: A New Class of Anti-Malarial Drugs

Heaney, Chris, Gillings School of Global Public Health
July 2009
Water, Health, and Quality of Life in a Community Bordering a Landfill

Heaney, Chris, Gillings School of Global Public Health
November 2010
MRSA Prevalence Among Workers and Household Members at Antibiotic-Free Hog Farms in North Carolina

Huang, Hsien-Sung, School of Medicine
May 2009
Novel Strategies to Manipulate Ube3a Expression for the Treatment of Angelman Syndrome and Autism

Hussong, Andrea, College of Arts & Sciences
February 2009
A Recruitment Feasibility Study for FAMILIES FIRST: An Early Prevention Program for Young Children Living with an Alcoholic Parent

Jaspers, Ilona, School of Medicine
February 2009
Genome-Wide Analysis of Epigenetic Modifications in Nasal Epithelial Cells from Smokers and Non-Smokers

Jonsson-Funk, Michele, Gillings School of Global Public Health

Camelo Casti

Ilo, Wendy, Gillings School of Global Public Health
November 2010
Developing Methods to Improve Estimation of Gestational Age at Delivery Using the Carolina Data Warehouse for Health (CDW-H): Enabling the Use of Healthcare Databases for Drug Safety in Pregnancy Research

Joy, Melanie, School of Medicine

McCord, Marian, School of Medicine
July 2009
Textile Based Phosphate Adsorption; an Application in Hemodialysis

Juliano, Jonathan, School of Medicine
Hand, Carla, Gillings School of Global Public Health
November 2010
Host Determinants of Susceptibility to Cerebral Malaria: Preliminary Data Generation

Kashuba, Angela, Eshelman School of Pharmacy
October 2009
Development and Validation of a Multiplex Mass Spectrometry Assay for Antimicrobials in Premature Infants

Kasow Wichlan, Kimberly, School of Medicine
January 2010
Through Their Eyes: Understanding the Young Sibling Hematopoetic Stem Cell Donor Experience

Kaur-Walker, Kulwinder, College of Arts & Sciences
February 2009
Examination of the Effects of Colorectal Cancer Risk Factor Awareness Training on Changing Colorectal Health Behavior & Attitude among African Americans through Church-Based Intervention

Key, Nigel, School of Medicine
February 2009
Mechanisms of Thrombosis in Patients with Sickle Cell Trait

Keys, Jessica, Gillings School of Global Public Health
July 2009
Minority Drug Resistant Variants of HIV-1: Diversity and Impact on Antiretroviral Therapy Response
$10K Awards cont.

King, Jennifer, Gillings School of Global Public Health
October 2009
Variation in the Adoption and Effectiveness of the Medical Home

King, Martin, North Carolina State University
Gerber, David, School of Medicine
May 2010
Novel 3-Dimensional Nanofibrous Extra Cellular Matrix for Generation of Functioning Neo-Islets

Koeck, Kathleen, Eshelman School of Pharmacy
Hawke, Roy, Eshelman School of Pharmacy
February 2011
Role of Transport Proteins in the Hepatic Disposition of Natural Products Used in Patients with Liver Disease

Kohn, Harold, Eshelman School of Pharmacy
February 2009
A Tale of Two Antiepileptics: Seeking Neurological agents with more diverse structure and function

Lai, Bien, School of Dentistry
January 2010
Access to Dental Care for Children with Autistic Spectrum Disorder

Laughon, Matthew, School of Medicine
February 2009
Early Blood Pressure Management in Extremely Preterm Infants Feasibility Pilot Study

Lee, Yueh, School of Medicine
May 2009
Clinical Biomarkers Based on Magnetic Resonance Spectroscopy Atlases

Lee, Craig, Eshelman School of Pharmacy
October 2009
Eicosanoid Metabolism, Endothelial Function and Atherosclerotic Cardiovascular Disease

Leigh, Margaret, School of Medicine
May 2009
Defining a Disease-Specific HRQOL Tool for Primary Ciliary Dyskinesia

Lewek, Michael, School of Medicine
June 2011
Motor Learning Strategies for the Production of Symmetric Gait

Liu, Peng, School of Medicine
October 2009
Targeted Inhibition of Th17 Cells for the Treatment of Autoimmune Disease

Livingstone, Laura, Eshelman School of Pharmacy
February 2009
Comparison of DNA Sequencing Reaction Compositions for Automated DNA Sequencing

Loboa, Elizabeth, School of Medicine / Engineering
January 2010
Controlled AC Electric Fields for Osteogenesis of Human Adipose Derived Stem Cells

Maile, Laura, School of Medicine
February 2009
Development of a Novel Method to Inhibit Tumor Growth

McCulloch, Karen, School of Medicine
June 2011
Inertial Sensor Measurement of Military Multitask Function: A Pilot Study

Mente, Peter, School of Medicine
January 2010
Chondrocyte Protein Profiling in a Porcine Model of Osteoarthritis to Identify Potential Biomarkers and Therapeutic Interventions

Mougeot, Jean-Luc, Carolinas Medical Center
October 2009
Microarray Analysis of Peripheral Leukocytes in Amyotrophic Lateral Sclerosis

Nakamura, Jun, Gillings School of Global Public Health
May 2010
Identification of Chemicals Potentiating PARP Inhibitor-Mediated Synthetic Lethality

Nelson, Amanda, School of Medicine
Jordan, Joanne, School of Medicine
November 2010
Identifying Pain Vulnerability Phenotypes in Osteoarthritis

Neumann, Aaron, School of Medicine
February 2011
Functional Genomics and Proteomics to Understand Fungipod Formation
$10K Awards cont.

Oldenburg, Amy, College of Arts & Sciences
May 2010
Feasibility of Contrasting SPIO-Loaded Platelets Using Magnetomotive Ultrasound

Olshan, Andrew, Gillings School of Global Public Health
Basta, Patricia, Gillings School of Global Public Health
May 2010
The Importance of the Pentose Phosphate Pathway in Cancer: Association of a Transaldolase1 Tri-allelic SNP with Head and Neck Cancer

Ostrowski, Lawrence, School of Medicine
July 2009
Development of Monoclonal Antibodies for Improved Diagnosis of PCD

Paine, Mary, Eshelman School of Pharmacy
October 2009
Do Furanocoumarins Mediate the Fexofenadine-Grapefruit Juice Interaction?

Parise, Leslie, School of Medicine
February 2009
Preclinical Assessment of a Syk Inhibitor in a Mouse Model of Sickle Cell Disease

Piedrahita, Jorge, North Carolina State University
May 2009
Generation of Human Hepatocytes in a Transgenic Pig

Pielak, Gary, School of Medicine
May 2009
Enabling Unique In-Cell NMR Detection by the Development of a Dynamic Range Extender (DRE)

Platts-Mills, Timothy, School of Medicine
October 2009
Identifying Predictors of Persistent Pain in Older Patients Following Minor Motor Vehicle Crash

Plevy, Scott, School of Medicine
May 2010
Identification of Small Molecule Heme Oxygenase-1 Inducers as Novel Therapeutics for the Inflammatory Bowel Diseases

Register-Mihalik, Johna, College of Arts & Sciences
Guskiewicz, Kevin, College of Arts & Sciences
February 2011
Refining a Dual-Task Rehabilitation Progression for Mild Traumatic Brain Injury

Reuland, Dan, School of Medicine
February 2009
Community Partners: Piedmont Health Services, Inc.
Overcoming Communication Barriers to Colorectal Cancer Screening for Latinos with Limited English Proficiency: A Qualitative Study to Inform the Development of Spanish Language Colorectal Cancer Screening Decision Aid

Robinson, Barbara, School of Medicine
November 2010
Do Obstetric Risk Factors Interact with Gastrointestinal Risk Factors in the Etiology of Fecal Incontinence?

Rogers, Arlin, School of Medicine
February 2009
Sex-Dependent Gene Expression in the Human Liver

Rossi, Emma, School of Medicine
July 2010
Pelvic and Para-Aortic Sentinel Lymph Node Mapping with Robotic Assisted Near-Infrared Imaging After Cervical and Uterine Indocyanine Green Injection

Sanders, Anne, School of Dentistry
July 2009
Hair Cortisol as a Biomarker of Chronic HPA Axis Response to Stress

Schinasi, Leah, Gillings School of Global Public Health
July 2010
Prevalence of Livestock Associated Strains of Methicillin Resistant Staphylococcus Aureus Carriage Among Eastern NC Residents Admitted to Pitt Country Memorial Hospital

Schmidt, Monica, Gillings School of Global Public Health
May 2010
Development and Evaluation of a Sensitive and Specific Multiplex Assay for Early Detection of Hepatocellular Carcinoma

Schuler, Kevin, School of Medicine
May 2010
Predictors of Metastatic Spread in Uterine Papillary Serous Carcinoma: A Pilot Study

Segal, Richard, School of Medicine
Heather Walker, School of Medicine
June 2011
Operant Conditioning of Tibialis Anterior H-Reflexes in Patients Post-Stroke
$10K Awards cont.

**Sims, Jared**, School of Medicine  
February 2009  
Electrocardiographic Guidance of RF Ablation Therapy in Patients with Atrial Fibrillation

**Singleton, Scott**, Eshelman School of Pharmacy  
June 2011  
A Chemical Approach to Target Validation for Control of Pneumococcal Infection

**Smith, Sophia**, Gillings School of Global Public Health  
July 2010  
Quality of Life in Non-Hodgkin Lymphoma Survivors: A Follow-Up Study

**Song, Mi-Kyung**, School of Nursing  
July 2009  
Assessing Daily Burdens of Patients With End-Stage Renal Disease

**Street, Sarah**, School of Medicine  
May 2009  
ENTPD3 as a Potential New Therapy for Pain Relief

**Stuart, Gretchen**, School of Medicine  
January 2010  
Feasibility of Collecting Breastfeeding Data Using Validated Questionnaires When the Levonorgestrel-Releasing Intrauterine Device is Placed 10 minutes to 48 hours Postpartum; Add on to an Ongoing Funded Pilot Study

**Stuebe, Alison**, School of Medicine  
January 2010  
Determining the Role of the Human Milk Microbiome in Breastfeeding-Associated Pain

**Stuebe, Alison**, School of Medicine  
July 2010  
Management of Maternal Symptoms (MOMS) Study

**Sun, Junjiang**, School of Medicine  
May 2009  
Enhancing Joint-Directed Gene Therapy for Hemophilic Arthropathy by AAV Directed Variant Clotting Factor IX

**Talameh, Jasmine**, Eshelman School of Pharmacy  
January 2010  
Association of Genetic Polymorphisms in the Sympathetic Adrenergic and Renin-Angiotensin-Aldosterone Systems with Mortality in Patients with Heart Failure

**Taylor, Steve**, Gillings School of Global Public Health  
October 2009  
Evolution and Diversity of Var Genes in Pregnancy-Associated Malaria

**Wehmeyer, Megga**, School of Dentistry  
January 2010  
The Impact of Oral Health Literacy on Periodontal Health Status

**White, Becky**, School of Medicine  
January 2010  
Community Partners: Dr. Pamela Love, Chapel Hill, NC & Dr. Elaine Hart-Brothers, Durham, NC Enhancing Physician’s Adherence to HAART Treatment Guidelines in North Carolina

**Wiley Cene, Crystal**, School of Medicine  
May 2009  
Community Partners: Rev. Danny Ellis, Together Transforming Lives, Halifax, NC Project SEED (Screening and Education to Eliminate Disparities) - Dissemination

**Willis, Monte**, School of Medicine  
May 2010  
Identification of Novel BMPER Mutations Leading to Left Ventricular Non-Compaction (LVNC) Cardiomyopathy in Humans

**Wolberg, Alisa**, School of Medicine  
November 2010  
Hyperfibrinogenemia in a Novel Model of Thrombus Stability

**Young, Steven**, School of Medicine  
May 2009  
Progesterone Resistance in Endometriosis: A Pilot Study

**Zamboni, William**, Eshelman School of Pharmacy  
June 2011  
Relationship Between Mononuclear Phagocyte System (MPS) in Tumors and Tumor Delivery and Efficacy of Nanoparticle Anticancer Agents in Genetically Engineered Mouse Models of Breast Cancer
5K-50K AWARD WINNERS

Abel, Kristina, School of Medicine
Webster-Cyriaque, Jennifer, School of Dentistry
June 2012
Biomarkers in Oral Fluids – Predictors of HIV Progression?

Adunka, Oliver, School of Medicine
Fitzpatrick, Douglas, School of Medicine
October 2011
Intraoperative Measures of Hearing Preservation

Allen, Kelli, School of Medicine
September 2019
Precision Medicine to Inform Rehabilitation and Exercise Therapies for Knee Osteoarthritis

Allicock, Marlyn, Gillings School of Global Public Health
Lewis, Megan, RTI International
March 2012
Factors Predicting Behavior Change and Weight Loss Among Couples: Implications for Translation and Dissemination of Weight Management Programs

Ammerman, Alice, Gillings School of Global Public Health
Furberg, Robert, RTI International
April 2014
Taste Texting: a behavioral economics based mobile technology for improving high school lunch participation

Anders, Carey, School of Medicine
September 2014
RNA Sequencing of Triple Negative Breast Cancer Brain Metastases

Anders, Carey, School of Medicine
Miller, C. Ryan, School of Medicine
March 2012
PI3K and MEK Inhibition to Treat Primary and Metastatic Central Nervous System Malignancies

Antoniak, Silvio, School of Medicine
Bonner, James, NC State University
December 2020
Role of PAR-2 in nanoparticle modulation of allergic lung disease

Antoniak, Silvio, School of Medicine
Jensen, Brian, School of Medicine
December 2016
PAR-1 as potential therapeutic target to reduce in Doxorubicin-induced heart failure

Austin, Charles, School of Medicine
Kistler, Christine, School of Medicine
August 2018
A Pilot Study Assessing the Feasibility of Genotyping Mechanically Ventilated Patients in the Medical ICU

Azcarate-Peril, M. Andrea, School of Medicine
September 2021
Safety, Tolerability, and Biosignature of Humanized Prebiotics in Healthy Adults

Azcarate-Peril, M. Andrea, School of Medicine
September 2019
Can pre-therapy analysis predict response to treatment for lactose intolerance?

Bai, Wubin, Applied Physical Sciences
September 2021
Non-invasive optoelectronic systems for diabetes health monitoring at the skin interface

Barritt, A. Sidney, School of Medicine
June 2012
Simulating Donor Liver Availability and Quality in the Context of Increasing Donation After Cardiac Death, Donor Diabetes and Obesity: Assessing the Uncertain Future of Liver Transplant

Barritt, A. Sidney, School of Medicine
Brouwer, Kim, Eshelman School of Pharmacy
October 2012
Altered Drug Disposition and Bile Acid Profiling as Novel Biomarkers to Predict Disease Severity in Patients with Chronic Inflammatory Liver Disease

Beeber, Linda, School of Nursing
Meltzer-Brody, Samantha, School of Medicine
October 2012
A UNC-Community Partnership to Enhance Outcomes for Infants and Toddlers with Suspected Disability who are Enrolled in Early Intervention Services

Belger, Aysenil, School of Medicine
Willoughby, Michael, RTI International
December 2016
Integrating functional near infrared spectroscopy into the assessment of executive functions and achievement in preschool children
$5-50K Awards cont.

Belger, Aysenil, School of Medicine
Rubinow, David, School of Medicine
June 2012
Gonadal Steroids and Neural Function in an Experimental Model of Postpartum Depression

Benhabbour, Soumya Rahima, School of Medicine
Maturavongsadit, Panita, School of Medicine
December 2020
Novel Injectable and Tunable Biomaterials Using Cellulose Nanocrystal-Incorporated Chitosan-Based Hydrogels for Superior Bone Repair

Bjurlin, Marc, School of Medicine
September 2019
Characterization of Bladder Carcinogen Urinary Biomarkers in Young Adult Electronic Cigarette Users

Bogess, Kim, School of Medicine
January 2014
A Dose Escalation Study of Nicotinamide Supplementation in Early Onset Preeclampsia

Bonner, James, NC State University
Antoniak, Silvio, School of Medicine
December 2020
Role of PAR-2 in nanoparticle modulation of allergic lung disease

Bower, Jacquelyn, Ophthalmology & Lineberger Comprehensive Cancer Center
February 2021
A novel gene therapy-based approach for uveal melanoma

Bowman, Natalie, School of Medicine
March 2020
Epidemiological and immunological aspects of Coronavirus disease 2019 (COVID-19) in North Carolina

Birken, Sarah, Gillings School of Global Public Health
Jacobs, Sara, RTI International
August 2015
Identifying Strategies for the Successful Implementation of Cancer Treatment Summaries in Practice

Birken, Sarah, School of Medicine
Blough, Bruce, RTI International
June 2019
Developing anatabine analogs as novel therapeutics for alcohol use disorders

Birken, Sarah, Gillings School of Global Public Health
Jacobs, Sara, RTI International
August 2015
Identifying Strategies for the Successful Implementation of Cancer Treatment Summaries in Practice

Birchard, Katherine, School of Medicine
Knowles, Michael, School of Medicine
March 2012
Idiopathic Bronchiectasis and Dural Ectasia: Is There a Correlation, and What are the Implications?

Birchard, Katherine, School of Medicine
Muhlebach, Marianne, School of Medicine
March 2012
Evaluation of CF Exacerbations with MRI: A radiation-free alternative

Birchard, Katherine, School of Medicine
Knowles, Michael, School of Medicine
March 2012
Idiopathic Bronchiectasis and Dural Ectasia: Is There a Correlation, and What are the Implications?
Carpenter, Delesha, Eshelman School of Pharmacy
Sleath, Betsy, Eshelman School of Pharmacy
March 2012
Testing the Feasibility of Using ENLaCE to Enroll Latino Children with Asthma into a RCT using MEDUCATION to Improve Asthma Medication Device Technique

Carroll, Ian, Gillings School of Global Public Health
Van Landeghem, Laurianne, College of Veterinary Medicine, NC State University
December 2018
Severe calorie restriction-induced intestinal microbiota dysbiosis impairs intestinal stem cell-driven epithelium renewal and regeneration

Cene, Crystal, School of Medicine
December 2016
Patient and Family Partners in Heart Failure: Feasibility of Using a Pre-visit Prompt List to Enhance Engagement and Self-Management

Chandrasekaran, Arvind, N.C. A&T State University
Hill, David, Physics and Astronomy
December 2021
Identifying Targetable Mechanobiological Regulations of DNA and non-DNA Components in Mucoadhesion and Clearance of Neutrophil Extracellular Traps (NETs) in Mucus

Chen, Ronald, School of Medicine
April 2015
Aggressive End-of-Life Care Among Patients with Cancer Under Age 65: Analysis of the HealthCore Integrated Research Database

Chen, Ronald, School of Medicine
October 2011
Primary Care Utilization and Quality of Life in Prostate Cancer Survivors

Clark, Leslie, School of Medicine
April 2015
Evaluating the Anti-Proliferative Effects of Atorvastatin on the Endometrium of Endometrial Cancer Patients: A Pre-Operative Window Study

Clutton, Genevieve, School of Medicine
September 2021
Evaluating the role of the CD8/GLUT1 axis in dysfunctional anti-viral immunity in obesity

Cohen, Todd, School of Medicine
April 2014
The role of tau acetylation in Alzheimer’s disease pathogenesis

Conlon, Brian, School of Medicine
Blough, Bruce, RTI International
December 2016
Identification and characterization of compounds that kill persister cells

Cook, Marc, NC State University
Carroll, Ian, Gillings School of Global Public Health
April 2018
Effect of Gut Butyrate Delivery on Blood Pressure in African Americans with Hypertension

Cruse, Glenn, NC State University
Tilley, Stephen, School of Medicine
April 2018
Delivering mast cell targeting oligonucleotides across the airway epithelium to human mast cells

Dai, Xuming, School of Medicine
January 2015
Mechanisms of Hyperphosphatemia-Induced Vascular Calcification - A pilot study of endothelial Cell response to Inorganic Phosphate

Daaleman, Timothy, School of Medicine
December 2020
Medical Respite Programs for People Experiencing Homelessness

Dellon, Evan, School of Medicine
October 2012
Suppression of Inflammatory Mediators with the Antioxidant Sulforaphane in Eosinophilic Esophagitis

Dennis, Ann, School of Medicine
Doherty, Irene, School of Medicine
April 2014
Integrating HIV Phylogenetics and Sexual Networks to Inform HIV Prevention

Dharod, Jigna, School of Health & Human Services, UNC Greensboro
Ammerman, Alice, Gillings School of Global Public Health
August 2013
Food insecurity: How is it Related to Home Food Environment, Pregnancy and Birth Outcomes Among WIC Pregnant Women
$5-50K Awards cont.

Diekman, Brian, School of Medicine
Phanstiel, Doug, School of Medicine
September 2021
Genomics and genome editing to establish new drug targets for osteoarthritis

Diekman, Brian, School of Medicine
Schnabel, Lauren, College of Veterinary Medicine, NC State University
June 2019
Senolytic therapy in an equine model of post-traumatic osteoarthritis (OA)

DiMartino, Lisa, RTI International
Hanson, Laura, School of Medicine
June 2019
Using natural language processing to identify hospitalized cancer patients in need of palliative care services

Divaris, Kimon, School of Dentistry
August 2015
Who does what in the oral biofilm: the metagenome and metatranscriptome of early childhood oral health and disease

Doerschuk, Claire, School of Medicine
January 2020
A Precision Medicine Approach to DNase Therapy in Patients with ARDS or Pneumonia: Which Patients May Benefit from DNase?

Domino, Marisa, Gillings School of Global Public Health
September 2014
Primary Care Innovation and Technology Diffusion

Dusetzina, Stacie, Eshelman School of Pharmacy
May 2016
Less is More? Evaluating Surveillance Patterns after Non-Operative Management Compared to Conventional Management for Older Individuals with Rectal Cancer

Enyioha, Chineme, School of Medicine
May 2020
Features of mHealth Interventions for Smoking Cessation that Appeal to African American Smokers

Esther, Jr., Charles, School of Medicine
Freeman, Ronit, College of Arts and Sciences
September 2019
Understanding the mechanisms of mucus flake formation

Evenson, Kelly, Gillings School of Global Public Health
August 2016
Self-monitoring for Success through the Cardiac Rehabilitation Transition

Farley, Joel, Eshelman School of Pharmacy
March 2012
A Programmatic Description of the UNC Charity Care Pharmacy Assistance Program

Fisher, Matthew, School of Medicine
Pietrosimone, Brian, College of Arts and Sciences
May 2020
Effect of Skeletal Maturity on Biomarkers for Post-traumatic OA after ACL Injury

Flower, Kori, School of Medicine
McLaurin-Jiang, Skye, School of Medicine
May 2020
Car Seat Tolerance Screening in United States Newborn Nurseries: Failure Rates and Risk Factors

Flythe, Jenny, School of Medicine
September 2014
Developing Comparative Effectiveness Research Strategies for the Study of Diuretic Therapy and Outcomes Among Dialysis Patients

Frankowski, Kevin, Eshelman School of Pharmacy
Muratov, Eugene, Eshelman School of Pharmacy
June 2019
Development of viral entry inhibitors for the improved treatment of HCV

Franz, Jason, School of Medicine
January 2020
The peripheral motor repertoire as a neuromuscular constraint on walking balance integrity in age-related falls risk

Freburger, Janet, Sheps Center for Health Services Research
April 2014
Enhancing Stakeholder Engagement in End-stage Renal Disease Research

Freytes, Donald, School of Medicine
August 2016
Derivation of an Autologous Testing Platform Using Donor-Matched Pluripotent Stem Cells and Bioengineered Muscle Tissues
Friedlander, David, School of Medicine
December 2021
Novel claims-based approach to defining episodes of care for acute urinary retention as a means to minimize low-value services

Frohlich, Flavio, School of Medicine
October 2011
Enhancing Cortical Dynamics With Non-Invasive Brain Stimulation in Humans

Gilger, Brian, College of Veterinary Medicine, NC State University
Hirsch, Matthew, School of Medicine
June 2019
Immunomodulatory Gene Therapy for Uveitis

Giovanelli, Kelly, College of Arts & Sciences; School of Medicine
Lin, Weili, School of Medicine; Eshelman School of Pharmacy
December 2018
Ultrahigh-resolution functional MRI of hippocampal subfield-cortical interactions

Girault, Jessica, Psychiatry/Carolina Institute for Developmental Disabilities
Stein, Jason, Genetics & Neuroscience Center
February 2021
Determining the role of neural progenitor proliferation in explaining interindividual differences in autism-related behaviors

Giudice, Jimena, School of Medicine
April 2018
Mechanotransduction and alternative splicing in muscle cell biology

Givens, Deborah, School of Medicine
January 2016
Modifying Corticofibrillar Excitability in the Rehabilitation of Knee Osteoarthritis

Grace, Landon, NC State University
Fleischman, David, School of Medicine
August 2018
Building patient-specific models of cerebrospinal fluid dynamics and its effect on ocular structures

Gray, Steven, School of Medicine
January 2016
Development of translational outcome measures for aspartylglucosaminuria

Grzadzinski, Rebeca, Psychiatry/Carolina Institute for Developmental Disabilities
Rodriguez-Romaguera, Jose, Psychiatry/Neuroscience Center
February 2021
Atypical Social Arousal as an Early Marker of ASD

Gu, Zhen, School of Medicine
August 2013
Development of Closed-Loop Insulin Delivery Devices Integrated with Glucose-Responsive Nanocomposites

Gulley, Margaret, School of Medicine
December 2017
Fractional Concentrations of Circulating Cell Free DNA in Oral Squamous Cell Carcinoma

Guskiewicz, Kevin, College of Arts and Sciences
Clark, Michael, School of Medicine / College of Arts and Sciences
January 2016
The Role of Repetitive Head Trauma on Cognitive Decline and Frontolimbic Dysfunction

Han, Zongchao, School of Medicine
December 2016
Injectable hydrogel-mediated CAR-T cell delivery for retinoblastoma

Hasmiller Lich, Kristen, Gillings School of Global Public Health
Bobashev, Georgiy, RTI International
October 2011
Using Systems Science Methods to Improve Colorectal Cancer Screening in North Carolina

Hegarty-Craver, Meghan, RTI
Fan, Jane, Neurology
February 2021
Using Wearable Devices to Detect Nonepileptic Myoclonus in Individuals with Angelman Syndrome

Hicks, Leslie, College of Arts & Sciences
Arthur, Janelle, School of Medicine
December 2020
Molecular drivers of AIEC phenotypes
**$5-50K Awards cont.**

**Hicks, Leslie**, College of Arts & Sciences

**Emanuele, Michael**, School of Medicine

**Liu, Yufeng**, Gillings School of Global Public Health

April 2018

Molecular and biological characterization of novel anticancer peptides discovered through PepSAVI-MS

**Hirsch, Matthew**, School of Medicine

**Samulski, Richard**, School of Medicine

April 2014

Correction of Cornea-Associated Vision Loss in Hurler Patients Post-Bone Marrow Transplantation

**Ideraabdullah, Folami**, School of Medicine

**Divers, Jasmin**, Wake Forest University

August 2016

Role of Epigenetic Factors in Beta-Cell Dysfunction in Type 1 Diabetes

**Isaacson, Ari**, School of Medicine

January 2015

Evaluation of TRAIL/Dox Nanocarrier as Theranostic for HCC

**Jackson, Klarissa**, Eshelman School of Pharmacy

January 2020

Phenotypic Biomarkers of Cytochrome P450 3A for Precision Dosing in Chronic Lymphocytic Leukemia

**Jacox, Anne**, Adams School of Dentistry

December 2021

Evaluating the Effects of Animal-Assisted Therapy (AAT) on Anxiety in Pediatric Dental Patients

**Jacox, Laura**, School of Dentistry

May 2020

Orthognathic Speech Pathology: Understanding How Dentofacial Disharmonies Effect Speech Pre- and Post-Operation

**Jarstfer, Michael**, Eshelman School of Pharmacy

March 2012

Telomerase Activation for the Treatment of Cardiovascular Disease

**Jensen, Brian**, School of Medicine

**Jin, Jian**, Eshelman School of Pharmacy

October 2011

Selective Alpha-1-Adrenergic Receptor Agonists for the Treatment of Heart Failure

**Jewells, Valerie**, School of Medicine

**Li, Zibo**, School of Medicine

Utilization of [18] F-iNOS for Invivo Biokinetic and Disease Expression Evaluation in Cuprizone Mice

**Jones, Hendree**, School of Medicine

**Lorvick, Jennifer**, RTI International

August 2016

Provision of and Barriers to Sexual Health Education and Reproductive Health Services Among Women of Reproductive Age in Opioid Use Treatment in North Carolina

**Kaufman, David**, School of Medicine

March 2012

Rapid Assessment of Chemotherapeutic Options for Cancer Patients

**Kahwati, Leila**, RTI International

September 2014

Implementing a Depression Screening and Treatment Toolkit in Primary Care: Innovations from the Field

**Kimple, Adam**, School of Medicine

**Ostrowski, Lawrence**, School of Medicine

May 2020

Second Generation Mucolytics for the Treatment of Chronic Rhinosinusitis

**Kistler, Christine**, School of Medicine

September 2019

The Feasibility of Using a Pharmacogenetic Assay in Nursing Home Residents to Reduce Adverse Events (FOGI-NH)

**Kosorok, Michael**, Gillings School of Global Public Health

**Mayer-Davis, Elizabeth**, Gillings School of Global Public Health

**Laber, Eric**, NC State University

**Young, Laura**, School of Medicine

April 2018

Development and Optimization of HEDRA, a novel m-health decision support tool for weight and glycemic control in type 1 diabetes

**Kreda, Silvia**, School of Medicine

Fletcher, Paul, East Carolina University

March 2012

Pharmacological Inhibition of VAMP8 to Control Mucin Secretion in Lung Diseases
$5-50K Awards cont.

Kshirsagar, Abhi, School of Medicine
Krueger, Whitney, RTI International
December 2016
Comparative effectiveness and safety of the high-dose influenza vaccine among patients on dialysis: a feasibility study assessing vaccine uptake and residual bias

Lai, Sam, Eshelman School of Medicine
Fischer, William, School of Medicine
January 2015
Harnessing antibody-mucin interactions to block mucosal Ebola infections

Lalush, David, School of Medicine
Kim, Hong Jin, School of Medicine
May 2016
Utility of PET-MR in Assessing Response to Neoadjuvant Radiation Therapy in the Treatment of High-Grade Sarcomas

Lee, Kristy, School of Medicine
Garg, Seema, School of Medicine
March 2012
A Next-Generation Sequencing Platform for Genetic Diagnosis and Gene Discovery in Patients with Genetically Heterogenous Ophthalmologic Disorders

Leeman, Jennifer, School of Nursing
Wiecha, Jean, RTI International
January 2014
Developing a Tool to Assess Practitioner Capacity to Change Policies and Environments

Levy, Josh, RTI International
Graves, Lee, School of Medicine
January 2014
Generating Kinase Activity Hypotheses Using Causal Reasoning

Lewis, Valerie, Gillings School of Global Public Health
September 2019
Demonstrating feasibility of studying care delivery across payers: the Transforming Healthcare in North Carolina (THiNC) pilot project

Li, Zibo, School of Medicine
Oldan, Jorge, School of Medicine
January 2020
Development of [18F]-labeled Amino Acids for Positron Emission Tomography (PET)

Lin, Jessica, School of Medicine
April 2020
COVID-19 Household Transmission Study (CO-HOST) - Epidemiology Of Sars-cov-2 Transmission Within the Household

Linnan, Laura, Gillings School of Global Public Health
Weiner, Bryan, Gillings School of Global Public Health
March 2012
Testing the Feasibility of Promoting Health & Jobs Among Cumberland County Residents: A Demonstration Study

Liu, Pengda, School of Medicine
Davis, Ian, School of Medicine
September 2019
MERTK inhibition sensitizes Ewing sarcoma to chemotherapy

Loboa, Elizabeth, School of Medicine
January 2014
Fiber-Reinforced Extracellular Matrix Hydrogels for Skeletal Muscle Regeneration

Loboa, Elizabeth, School of Medicine
April 2014
Biocompatible, Biodegradable Controlled Release Smart Bandages for Regenerating Skin and Healing Infected Wounds

Lockett, Matthew, College of Arts and Sciences
December 2016
A 3D culture platform for scalable screening of compound libraries for hepatic metabolism and toxicity

Longobardi, Lara, School of Medicine
Hige, Toshihide, College of Arts & Sciences
December 2020
Macrophages as carriers for drug delivery in the prevention and treatment of Osteoarthritis

Lorenzo, Damaris, School of Medicine
Sanoff, Hanna, School of Medicine
January 2014
Improved Measurement of Patient Frailty and Comorbidity for Targeting Subgroups of Older Adults in Cancer Comparative Effectiveness Research

UNC
SCHOOL OF MEDICINE
North Carolina Translational and Clinical Sciences Institute

v.20220516 page 39
tracs.unc.edu/pilot
$5-50K Awards cont.

Madamanchi, Nageswara, School of Medicine
Bowles, Dawn, Duke University
January 2014
Insights into the Function of NOX4 in Atherosclerosis and Heart Failure

Magness, Scott, School of Medicine
August 2013
Intestinal Tissue Engineering: Development of Three-Dimensional Non-Immunogenic Scaffolds from Pig Intestine for Novel Tissue-Based Therapies

Makowski, Liza, Gillings School of Global Public Health
June 2012
Role of the Tissue Factor/FVIIa-PAR-2 Pathway in Obesity

Marchesan, Julie, School of Dentistry
Swanson, Karen, School of Medicine
September 2021
Sex-specific differences in inflammasome modulation of periodontitis

Margolis, David, School of Medicine
Melander, Christian, North Carolina State University
October 2011
Targeted Nanocystal Platforms to Attack Persistent HIV Genomes

Markovic-Plese, Silva, School of Medicine
Wan, Yisong, School of Medicine
January 2014
The Role of IL-11 in the Development of the Autoimmune Response in EAE

McElligott, Zoe, School of Medicine
Thomas, James, RTI International
April 2014
Neurotensin receptor 2 signaling and role in alcohol reinforcement

McGinigle, Katharine, School of Medicine
Kosorok, Michael, Gillings School of Global Public Health
December 2020
Using Precision Medicine to Define Adaptive Treatment Strategies for Patients with Chronic Limb-Threatening Ischemia

Mendez, Michelle, Gillings School of Global Public Health
September 2014
Role of Phthalates and Vitamin E in Risk of Diabetes

Meyer, Katie, Gillings School of Global Public Health
August 2016
Functional Measures of Gut Microbiota for Cardiometabolic Risk in Type 1 Diabetes

Miguez, Patricia, School of Dentistry
Liu, Jian, Eshelman School of Pharmacy
February 2021
Generating Recombinant Biglycan Forms to Explore Their Function and Potential Therapeutic Implications in Osteoporosis

Miguez, Patricia, School of Dentistry
Liu, Jian, Eshelman School of Pharmacy
June 2019
Exploring Synthetic Low Molecular Weight Heparins for Treatment of Periodontitis

Miller, Melissa, School of Medicine
January 2020
Validation of Metagenomic Next-Generation Sequencing for Clinical Use to Diagnose Endocarditis

Miller, C. Ryan, School of Medicine
Jang, Chuan-Wei, School of Medicine
December 2016
The role of histone H3.3 mutations in pediatric gliomagenesis

Miller, Ryan, School of Medicine
January 2014
The Role of PIK3CA Mutations in Gliomagenesis and PI3K Inhibitor Sensitivity

Ming, Xin, Eshelman School of Pharmacy
October 2011
Targeted Delivery of RNAi Therapeutics for Chronic Kidney Diseases

Moore, Richard, School of Medicine
Wright, Brad, School of Medicine
December 2020
A Mixed-Methods Pilot Study of a Novel Training Curriculum Designed to Enable Family Physicians to Independently Deliver Care to Patients with Hepatitis C
$5-50K Awards cont.

Muganda, Perpetua, College of Arts & Sciences, N.C. A&T State University
Harrison, Scott, College of Arts & Sciences, N.C. A&T State University
KC, Dukka, College of Engineering, N.C. A&T State University
Prins, Jan, College of Arts & Sciences April 2014
Role of Viral Factors in Triple-Negative Breast Cancer Pathogenesis

Murray, Desiree, School of Education
Ridenour, Ty, RTI Interational April 2018
Feasibility of Evaluating Biopsychosocial Indicators of Stress Reactivity in At-Risk Adolescents to Inform Self-Regulation Interventions

Nackley, Andreay, School of Dentistry / School of Medicine
Johnson, Leah, RTI International September 2014
Extended Release Local Anesthetics for the Treatment of Dental Pain

Nagarajan, Uma, School of Medicine June 2019
Inhibition of Cytokine Signaling Pathways during Chlamydia infection to protect from Oviduct pathology

Nathan, Margo, Psychiatry
Carey, Erin, School of Medicine December 2021
Characterizing Depression Risk and Estradiol Dynamics in Black Women Undergoing Hysterectomy with Ovarian Preservation: A Pilot Study

Neher, Saskia, School of Medicine December 2017
Improved Variants of Lipoprotein Lipase for the Treatment of Hypertriglyceridemia

Niznik, Joshua, School of Medicine, Eshelman School of Pharmacy
Lund, Jennifer, Gillings School of Global Public Health September 2021
Validating Claims-based Definitions for Deprescribing Using Electronic Health Records: Bridging the Gap Between Clinical and Administrative Data Sources

Noah, Terry, School of Medicine June 2012
Body Mass Index and Influenza Vaccine Responses in Children

Nordone, Shila, North Carolina State University Randell, Scott, School of Medicine March 2012
MARCKS Inhibition as a Novel Treatment for Acute Lung Injury and Acute Respiratory Distress Syndrome

Nyante, Sarah, School of Medicine January 2016
Expression of breast extracellular matrix proteins in lobular carcinoma in situ: a pilot study

Okoniewski, Katherine, RTI International
Hazlett, Heather, School of Medicine April 2018
Piloting remote developmental assessment techniques in infants with FMR1 premutation

Oldan, Jorge, School of Medicine January 2020
Evaluation of Endometriosis with 18F-flurooestradiol PET / MRI

Ostrowski, Lawrence, School of Medicine October 2011
Development of a New Technology for High Throughput Screening of Drugs to Improve Mucociliary Clearance in Airway Diseases

Park, Eliza, School of Medicine
Hanson, Laura, School of Medicine
Mayer, Deborah, School of Medicine; School of Nursing
Rosenstein, Donald, School of Medicine October 2012
Palliative and Supportive Care Needs of Parents with Metastatic Cancer: A Mixed-Methods Pilot Study

Pattenden, Samantha, Eshelman School of Pharmacy
Davis, Ian, School of Medicine Dayton, Paul, School of Medicine December 2016
The application of Enhanced Cavitation to enable Chromatin Extraction from Archived Tissues

Pecot, Chad, School of Medicine December 2018
Circle RNA drivers of metastasis as biomarkers for lung cancer
$5-50K Awards cont.

**Plummer, Prudence**, School of Medicine  
August 2018  
Development of a discharge risk assessment for future falls and inactivity in subacute stroke

**Porges, Stephen**, School of Medicine  
**Raspa, Melissa**, RTI International  
August 2015  
Psychometric evaluation of the BBC Sensory Scales for the assessment of sensory-perceptual abnormalities in individuals with Fragile X Syndrome

**Polacheck, William**, School of Medicine  
**Rizvi, Imran**, School of Medicine  
June 2019  
Identifying Targetable Mechanotransduction Mechanisms of Flow-induced Chemoresistance in Ovarian Cancer

**Poteat, Tonia**, School of Medicine  
January 2020  
Combining Cohorts for Equity: Understanding Comorbidities in Diverse Women

**Ramos, Silvia**, School of Medicine  
October 2011  
Unexplained Human Female Infertility: Three Potential Genes Associated with Failed Implantation

**Polacheck, William**, School of Medicine  
**Rizvi, Imran**, School of Medicine  
June 2019  
Identifying Targetable Mechanotransduction Mechanisms of Flow-induced Chemoresistance in Ovarian Cancer

**Rutstein, Sarah**, School of Medicine  
September 2021  
Does it move the needle? Characterizing long-acting injectable antiretroviral therapy eligibility, uptake, and integration at UNC

**Rutstein, Sarah**, School of Medicine  
**Saavedra, Lissette**, RTI International  
January 2020  
Feasibility and Acceptability of a Screening and Referral to Prevention for Latinx Youth

**Sanders, Anne**, School of Dentistry  
January 2016  
The course of temporomandibular pain in response to mandibular advancement therapy among adults with temporomandibular disorder and obstructive sleep apnea

**Sanders, Anne**, School of Dentistry  
December 2017  
Omega-6 and omega-3 polyunsaturated fatty acids and chronic pain

**Santos, Hudson**, School of Nursing  
**Nephew, Benjamin**, Tufts University  
May 2016  
Postpartum Depressive Symptoms in Latinas: Associations with Oxytocin Function and Stressors

**Santelli, Rebecca**, School of Medicine  
**Coe, Christopher**, University of Wisconsin-Madison  
January 2015  
Developing a Nonhuman Primate Model of Prenatal SSRI Exposure
$5-50K Awards cont.

**Sayed, Christopher**, School of Medicine  
August 2018  
Identification of genetic signatures of hidradenitis suppurativa

**Schilling, Samantha**, School of Medicine  
**Zolotor, Adam**, School of Medicine  
**Perreira, Krista**, School of Medicine  
**Fine, Jason**, Gillings School of Global Public Health  
August 2018  
Child Adult Relationship Enhancement for Spanish-Speaking Immigrant Families in Primary Care: Cultural Adaptation and Pilot

**Sellers, Subhashini**, School of Medicine  
**Rebuli, Megan**, School of Medicine  
December 2020  
Evaluating the Nasal Mucosal Antiviral Immune Response as a Predictor of COVID-19 Severity

**Sesma, Juliana**, School of Medicine  
April 2015  
Effectiveness of a P2Y14 Receptor Antagonist in Inhibiting Neutrophil Inflammation in Chronic Lung Diseases

**Shah, Rishma**, Adams School of Dentistry  
December 2021  
Application of Ultrasound for Craniofacial Skeletal Muscle Regeneration

**Shaikh, Saame Raza**, Gillings School of Global Public Health  
May 2020  
Bioavailability of SPMs in obese humans

**Shaikh, Saame**, School of Medicine, East Carolina University  
**Beck, Melinda**, Gillings School of Global Public Health  
August 2013  
Developing n-3 Fatty Acids for Enhancing Immunity in the Obese Upon Viral Infection

**Shears, Jeffrey**, North Carolina A&T State University  
January 2015  
Assessing the Role and Impact of African American Fathers on their Sons’ Sexual Behaviors

**Shih, Yen-Yu**, School of Medicine  
February 2021  
A new fMRI method with superior sensitivity, no geometric distortion, and negligible acoustic noise

**Shih, Yen-Yu**, School of Medicine  
September 2014  
Dynamic MRI of tPA-induced Peri-infract Spreading Depolarizations: Outcome Correlates and Potential Therapy

**Shumaker, Ellen**, RTI International  
**Ammerman, Alice**, Gillings School of Global Public Health  
January 2020  
Understanding how food waste and food safety impact food donations to address food insecurity in North Carolina

**Sikich, Linmarie**, School of Medicine  
January 2014  
Initial Development of Cortical Metrics, an Objective, Physiologically-Based Outcome Measure, for Intervention Trials in Autism Spectrum Disorders

**Sklerov, Miriam**, School of Medicine  
December 2018  
Functional and Structural Neuroimaging as A Marker of Autonomic Dysfunction in Parkinson’s Disease

**Smithies, Oliver**, School of Medicine  
June 2012  
Localization of Immune Complex Deposition in the Renal Glomerulus

**Stein, Jason**, School of Medicine  
December 2016  
Defining the regulatory landscape of developing human neural cell-types

**Steiner, Beat**, School of Medicine  
December 2017  
Evaluation of a Novel Behavioral Health Home with Comprehensive Primary Care for People with Serious Mental Illness

**Sturmer, Til**, Gillings School of Global Public Health  
June 2012  
Analysis of the Relationship between the Use of Incretin-based Therapies and Cancer Incidence
$5-50K Awards cont.

**Soundara Manickam, Devika**, Eshelman School of Pharmacy
**Milligan, Carolanne**, School of Medicine, Wake Forest Baptist Health
August 2013
Nano-Antioxidant Therapy for Amyotrophic Lateral Sclerosis

**Swick, Andrew**, Gillings School of Global Public Health
**Brouwer, Cory**, University of North Carolina, Charlotte
October 2011
MR Compatible Multifrequency Focused Ultrasound

**Taillie, Lindsey Smith**, Gillings School of Global Public Health
**Hall, Marissa**, Gillings School of Global Public Health
December 2018
Feasibility of a new food store model to test the impact of obesity prevention policies among Latino mothers

**Tan, Xianming**, Gillings School of Global Public Health
September 2019
Building an intelligent EMA system to study the feasibility of conducting EMA studies on at risk children and adolescents

**Tarran, Robert**, School of Medicine
**Arendshorst, William**, School of Medicine
October 2012
SPLUNC1: A Novel Regulator of Renal Sodium Excretion

**Taylor, Joan**, School of Medicine
**Batrakova, Elena**, Eshelman School of Pharmacy
May 2020
Pre-clinical evaluation of a novel therapeutic target for Parkinson’s disease

**Taylor, Joan**, School of Medicine
**Mack, Christopher**, School of Medicine
**Viera, Anthony**, School of Medicine
August 2013
Role of the Rho-GAP GRAF3 in the Pathogenesis of Human Hypertension

**Thakker, Dhiren**, Eshleman School of Pharmacy
June 2012
Role of Transporters in the Efficacy of Metformin in Breast Cancer

**Thorpe, John**, School of Medicine & Gillings School of Global Public Health
**Peragallo, Rachel**, School of Medicine
October 2011
My Heart Belongs to Baby, Phase 1

**Toth, Danielle**, RTI International
**Kinard, Jessica**, School of Medicine
**Wheeler, Anne**, RTI International
May 2020
Remote Assessment for Latinx Infants and Children at High Risk for Developmental Disabilities

**Traub, Rebecca**, Neurology
**Li, Xiaoyan**, Duke University
December 2021
Predictive modeling of disease-modifying immunophenotypes in ALS patients

**van Duin, David**, School of Medicine
April 2014
Mortality and Multi-Drug Resistant Organisms in Burn Patients

**Vece, Timothy**, School of Medicine
**Hagood, James**, School of Medicine
January 2020
A Pilot Study of Precision Medicine for Children’s Interstitial Lung Disease

**Viera, Anthony**, School of Medicine
January 2014
Comparative Effectiveness of Ambulatory Blood Pressure Monitoring vs Usual Care for Diagnosing and Managing Hypertension: A Pilot Study

**Villegas Rodriguez, Natalia**, School of Nursing
February 2021
Infección de Amor (Love Infection): Online delivery and pilot testing of a dramatized story intervention (telenovela/soap opera) for HIV prevention among Latinas in North Carolina

**Vora, Neeta**, School of Medicine
January 2020
Expanding the utility of non-invasive prenatal genetic testing

**Vora, Neeta**, School of Medicine
April 2014
A Window Into Fetal Genetic Mutations by Whole Exome Sequencing
$5-50K Awards cont.

**Wade, Jeannette**, N.C. A&T State University  
**Frederick, Helyne**, School of Education  
**Parker, Sharon**, N.C. A&T State University  
September 2019  
An Exploratory Study of Barriers to Black Women's Involvement in Gynecological Research and Health Care

**Walker, Glenn**, School of Medicine  
**Ligler, Frances**, College of Engineering, NC State U.  
**Yeh, Jen Jen**, School of Medicine  
April 2014  
Development of a Point-of-Surgery Parathyroid Hormone Monitor

**Walter, Rick**, School of Dentistry  
**Piascik, Jeff**, RTI International  
April 2014  
Development of a novel antimicrobial dental composite

**Wang, Andrew**, School of Medicine  
**Dees, Elizabeth Claire**, School of Medicine  
October 2012  
Preclinical Evaluation of Nanoparticle Paclitaxel (Genexol-PM) in Chemoradiotherapy

**Weinhold, Paul**, School of Medicine  
**Harrysson, Ola**, Industrial & Systems Engineering, NC State University  
**Marcellin-Little, Dennis**, Orthopaedic Surgery, NC State University  
October 2012  
Low Magnitude High Frequency Vibration to Accelerate Rehabilitation of Osseointegrated Prostheses

**Wheeler, Anne**, RTI International / School of Education  
**Fan, Zheng (Jane)**, School of Medicine  
September 2014  
Pilot Study of Characterizing EEG Biomarkers of Brain Oscillation During Cognitive Tasks in Individuals with Fragile X Syndrome

**Wheeler, Anne**, School of Education / RTI International  
**LaForret, Dore**, Frank Porter Graham Child Development Institute  
August 2016  
Integrating the Language Environment Analysis (LENA) system in Early Intervention to Support Mothers of Infants and Toddlers with Disabilities

**Widman, Laura**, College of Humanities & Social Sciences, NC State University  
**Prinstein, Mitch**, Psychology & Neuroscience  
December 2018  
Opioid Prevention among Adolescents in Rural North Carolina

**Willoughby, Michael**, RTI International  
**Propper, Cathi**, Center for Developmental Science  
August 2015  
Integrating respiratory sinus arrhythmia into the assessment of executive function in young children

**Wilson, Ellen**, RTI International  
**Thorp, John**, School of Medicine  
December 2016  
Formative Research to Inform the Development of an Intervention to Support Postpartum Contraceptive Use

**Wiltshire, Timothy**, Eshelman School of Pharmacy  
March 2012  
Cellular Genetics Approaches to Defining Toxicity Pathways

**Wolberg, Alisa**, School of Medicine  
January 2014  
Factor XIII (FXIII) as a Novel Target for Reducing Venous Thrombosis (VT)

**Won, Hyejung**, Department of Genetics  
February 2021  
Chromosomal disorganization in Down Syndrome

**Wu, Zhanhong**, School of Medicine  
**Tisch, Roland**, School of Medicine  
**Li, Zibo**, School of Medicine  
May 2016  
Development and Evaluation of 18F labeled Positron Emission Tomography (PET) Probe to Image Endocrine Pancreas

**Xiong, Yue**, School of Medicine  
January 2015  
Development of Assay for Screening Inhibitors of HIV Vpr Protein

**Yap, Pew-Thian**, School of Medicine  
April 2014  
Rapid High-Resolution Diffusion MR Imaging of Brain Microstructure
Yi, Xiang, Eshelman School of Pharmacy
April 2014
Treating Rett Syndrome with Intranasal BDNF Analogs

Yi, Xianwen, School of Medicine
December 2020
The development of novel mouse models for obesity

Yang, Yang, School of Medicine
Miller, Ryan, School of Medicine
August 2016
Validating Trans-Lesion Synthesis as a Novel Therapeutic Target in Glioblastoma

Youngstrom, Eric, College of Arts and Sciences
Hodges, Eric, School of Nursing
January 2015
Preliminary Randomized Trial of Amber Glasses to Improve Melatonin Release, Sleep, and Mood

Yuan, Hong, Radiology
Theis, Thomas, NC State University
December 2021
Towards Broadly Available Molecular Imaging with Parahydrogen Hyperpolarized MRI: A proof-of-concept study mapping reprogrammed tumor metabolism in glioblastoma

Zhang, Xin, School of Medicine
August 2016
IL-11-Induced Th17 Cells in the Initiation and Development of MS Pathogenesis

Zheng, Xiaojing, School of Medicine
January 2020
Determination of Perihematomal Inflammation in Intracerebral Hemorrhage with TC-HMPAO Labeled Leukocytes

Zong, Xiaopeng, School of Medicine
Powers, William, School of Medicine
June 2019
Quantitative study of penetrating artery alterations in patients with diabetes with 7 T MRI

Aitsebaomo, Julius, School of Medicine
November 2010
Recombinant Human Interleukin-11 in Mobilization of CD34+/VEGFR2+ Progenitor Cells

Ammerman, Alice, Gillings School of Global Public Health
DeMarco, Molly, UNC Center for Health Promotion and Disease Prevention
March 2010
Community Partners: Rev. William Kearney, Coley Springs Missionary Baptist Church, Warrenton, NC
Harvest of Hope: Health Benefits and Dissemination Potential of a Church Garden and Farm Project

An, Hongyu, School of Medicine
November 2010
Characterization of Brain White Matter Development Using High Resolution Magnetic Resonance Diffusion Tensor Imaging with Histologic Confirmation

Aucutt-Walter, Natalie, School of Medicine
April 2009
Determination of Perihematomal Inflammation in Intracerebral Hemorrhage with TC-HMPAO Labeled Leukocytes

Bae-Jump, Victoria, School of Medicine
February 2011
Obesity, Metformin and Ovarian Cancer Pathogenesis

Bateman, Ted, School of Medicine
March 2010
Radiotherapy-Induced Osteoporosis: Modeling Postmenopausal Estrogen Suppression and Treatment with Pamidronate

Berg, Jonathan, School of Medicine
March 2010
Harnessing the Power of Next-Generation Sequencing to Identify Novel Disease Genes

Boetigger, Charlotte, College of Arts & Sciences
November 2009
Neurocognitive Predictors of Naltrexone Response

Brittain, Julia, School of Medicine
Derebail, Vimal, School of Medicine
November 2010
Cellular Aggregates in Patients with Chronic Kidney Disease and End Stage Kidney Disease
$50K Awards cont.

**Bulik, Cynthia**, School of Medicine; Gillings School of Global Public Health
November 2009
Biomarker Discovery in Anorexia Nervosa

**Carlson, Barbara**, School of Nursing
November 2009
Patterns of Cerebral Oxygenation During Sleep and Their Relationship to Markers of Hypoxic Burden and Brain Connectivity in Community Dwelling Older Adults: A Pilot Study

**Carroll, Ian**, School of Medicine
March 2010
Validating Methods and Refining Protocols for the Molecular Investigation of the Intestinal Microbiota in Functional Gastrointestinal Disorders Using Irritable Bowel Syndrome as a Model

**Chapman, Mimi**, School of Social Work
June 2010
Puentes: Bridging Education and Mental Health for New Immigrant Latino Youth

**Chera, Bhishamjit**, School of Medicine
Garg, Seema, School of Medicine
June 2010
Changes in Regional Retinal Oxygen Extraction and Function After Radiation Therapy

**Clemmons, David**, School of Medicine
April 2009
Development of a Small Molecule Inhibitor of Adipocyte Differentiation

**Davenport, Marsha**, School of Medicine
November 2009
Correlation of Brain Structure and Neurodevelopment Functioning in 12 Month Old Girls with Turner Syndrome

**Davis, Stephanie**, School of Medicine
April 2009
Validation of the Multiple Breath Washout Device for Assessment of Pediatric Lung Disease

**DeMore, Nancy**, School of Medicine
April 2009
Development of a Monoclonal Antibody to SFRP2 for the Treatment of Breast Cancer

**Donahue, Katrina**, School of Medicine
November 2009
Community Partners: Mary Davis, providers and staff, Cashie Medical Center, Windsor, NC & East Carolina University, Department of Family Medicine, Greenville, NC Dissemination of Teleretinal Imaging to Limit Disparities in Diabetic Retinopathy in Rural North Carolina

**Dumond, Julie**  Eshelman School of Pharmacy
March 2010
Extracellular and Intracellular Atripla (Tenofovir/Emtricitabine/Efavirenz) Pharmacokinetics in the Aging HIV-Infected Population

**Ebert, Charles**, School of Medicine
Zanation, Adam, School of Medicine
November 2010
A Patient-Matched Analysis of Global Gene Expression Profiling in Allergic Fungal Sinusitis

**Elbogen, Eric**, School of Medicine
November 2010
Medical and Mental Health Needs of Military Service Members and Families Receiving Care at UNC Hospitals

**Egan, Thomas**, School of Medicine
November 2009
Innate Immune Inhibition in a New Rat Lung Transplant Survival Model Using Non-Heart-Beating Donors

**Esther, Charles**, School of Medicine
November 2010
Exhaled Breath Condensate Biomarkers in Preschool Children

**Fan, Zheng (Jane)**, School of Medicine
June 2011
Automated Atlas-Based Muscle MRI Quantification in Duchenne Muscular Dystrophy Patients

**Fraizer-Bowers**, Sylvia, School of Dentistry
April 2009
Determining a Genotype-Phenotype Correlation in Ectodermal Dysplasias and Non-Syndromic Tooth Agenesis

**Frelinger, Jeffrey**, School of Medicine
April 2009
Transfer of Type 1 Diabetes to Humanized Mice
$50K Awards cont.

**Gallippi, Caterina**, School of Medicine  
November 2009  
ARFI Ultrasound for Noninvasive, In Vivo Assessment of Renal Transplant

**Gerber, David**, School of Medicine  
March 2010  
Novel Small Molecule Inducers to Promote Pancreatic Beta Cell Regeneration

**Gershon, Timothy**, School of Medicine  
November 2010  
Interferon Signaling: A Driving Force in Brain Growth and Novel Target for Medulloblastoma

**Giovanello, Kelly**, College of Arts & Sciences  
February 2011  
Large-Scale Functional Brain Network Abnormalities in Mild Cognitive Impairment

**Glickman, Seth**, School of Medicine  
November 2009  
Clinico-Molecular Prognostic Factors for Severity of Seasonal and H1N1 (Swine) Influenza Infection

**Gookin, Jody**, North Carolina State University  
November 2010  
Systems Level Metabolomics Investigation of the Bacterial Influences on Necrotizing Enterocolitis

**Graves, Lee**, School of Medicine  
June 2010  
Multi-Color Detection of Protein Kinases in Drug-Resistant Leukemia

**Henderson, Louise**, School of Medicine  
November 2010  
Development and Validation of a Prediction Model to Identify and Classify Disability Status

**Hua, Xiaoyang**, School of Medicine  
November 2009  
Role of Mast Cells in Chronic Rhinosinusitis

**Janzen, William**, Eshelman School of Pharmacy  
Rathmell, W. Kimryn, School of Medicine  
April 2009  
ROR2 Discovery-to-Bedside

**Jiang, Xiaoning**, North Carolina State University  
**Lin, Weili**, School of Medicine  
June 2011  
MR Compatible Multifrequency Focused Ultrasound

**Joy, Melanie**, School of Medicine  
McCord, Marian, School of Medicine  
June 2010  
Development of Novel Filtration Technologies for End Stage Kidney Disease

**Juliano, Jonathan**, School of Medicine  
April 2009  
Massively Parallel Pyrosequencing to Define the Diversity of Malaria in Vaccine Trials

**Kaufman, David**, School of Medicine  
April 2009  
Identification of Immunohistochemical Marker to Improve Pathological Diagnosis of Endometrial Intraepithelial Neoplasia

**Knowles, Michael**, School of Medicine  
April 2009  
Test New Drug (PTC124) to “Read-Through” Nonsense (STOP) Mutations and Correct Ciliary Function in Primary Ciliary Dyskinesia (PCD)

**Kohn, Harold**, Eshelman School of Pharmacy  
November 2010  
Translating Neurological Agents of Significance to Therapeutic Agents

**Kotch, Jonathan**, Gillings School of Global Public Health  
April 2009  
Brain Function and Stress Reactivity in Trauma-Exposed Young Adults

**Lee, Clara**, School of Medicine  
February 2011  
Affective Forecasting Errors in Patient Decisions about Breast Reconstruction After Mastectomy

**Li, Chengwen**, School of Medicine  
**Gray, Steven**, Gene Therapy Center  
June 2011  
Intracisternal AAV Vector Administration in Non-Human Primates to Achieve Global Central Nervous System Gene Transfer and Avoid Pre-Existing Anti-AAV Neutralizing Antibodies
$50K Awards cont.

Lin, Weili, School of Medicine; Eshelman School of Pharmacy
April 2009
The Emergency of Brain Functional and Anatomical Networks in the Developing Brain

Longobardi, Lara, School of Medicine
November 2010
Inflammatory Cytokines and Joint Progenitor Cells: From Development to Osteoarthritis

Lu, Xiuling, Eshelman School of Pharmacy
June 2010
Neutron-Activatable Nanoparticles for Targeted Radionuclide Therapy of Tumors

Magness, Scott, School of Medicine
Piedrahita, Jorge, North Carolina State University
June 2011
Bridging the Divide Between Mouse and Man: Creating a Transformative Model as a Gateway for Intestinal Epithelial Stem Cell-Based Discovery, Therapy and Transplantation

Margolis, David, School of Medicine
April 2009
Testing HIV Prevention in a Humanized Mouse Model

Mayer-Davis, Elizabeth, Gillings School of Global Public Health
April 2009
Pilot Study of a Cell-Phone System to Improve Health of Youth with Diabetes

McLean, Samuel, School of Medicine
March 2010
The Women's Health Study

Meltzer-Brody, Samantha, School of Medicine
Stuebe, Alison, School of Medicine
November 2009
Neuroendocrine Pathophysiology in Postpartum Depression and Lactation Failure

Meshnick, Steven, Gillings School of Global Public Health
Apperson, Charles, North Carolina State University
February 2011
Comparative Studies of the Tick Microbiome

Monahan, Paul, School of Medicine
April 2009
Chronic Arthropathy in Hemophilia: MRI Evaluation of Joints in Hemophilic Dogs

Moore, Carlton, School of Medicine
Ashkin, Evan, School of Medicine
June 2011
Using Text Analytics to Extract Structured Data from Free-Text Narrative Reports in the CDW-H

Nachman, Patrick, School of Medicine
April 2009
Cognitive Impairment in End Stage Kidney Disease

Nackley Neely, Andrea, School of Dentistry
November 2009
Characterizing the Role of a Newly Identified u1OR Isoform in Opioid-induced Behavioral Phenotypes

Naprapnik, Sonia, School of Medicine
April 2009
Investigation of Cardiovascular Disease Outcomes Among Patients with HIV

Noah, Terry, School of Medicine
June 2010
Pilot Study of the Association Between Substance P and ALI/ARDS in Burn Patients

Otey, Carol, School of Medicine
March 2010
Identifying Serum Markers of Pancreas Cancer Using Metabolomics

Parise, Leslie, School of Medicine
April 2009
Relationship of Multicellular Aggregates to Clinical Status of Patients with Sickle Cell Disease

Patterson, Cam, School of Medicine
November 2009
Familial Mitral Valve Prolapse Study

Pedersen, Cort, School of Medicine
November 2009
Oxytocin Treatment of Alcohol Withdrawal

Philpot, Benjamin, School of Medicine
June 2010
A Small Molecule Approach for Treating Autism Spectrum Disorders
$50K Awards cont.

**Piven, Joseph**, School of Medicine  
February 2011  
Autism in Older Adults: A Pilot, Descriptive Study

**Redding-Lallinger, Rupa**, School of Medicine  
March 2010  
The Role of the Vitamin D Receptor and Vitamin D Deficiency in Children and Adults with Sickle Cell Disease – Phase I

**Ringel, Yehuda**, School of Medicine  
March 2010  
Food Sensitivity, Gastrointestinal Symptoms and Food-Specific IgG4 Antibody Titers in Patients with Irritable Bowel Syndrome – A Pilot Study

**Riordan, John**, School of Medicine  
June 2011  
Development of a Screening Assay for Small Molecules Stabilizing Mutant CFTR in Cystic Fibrosis

**Roth, Heidi**, School of Medicine  
November 2009  
Development of a Kinetographic Mattress for Home Measurement of Insomnia

**Sawicki, Gregory**, School of Medicine  
June 2010  
Robotic Ankle Exoskeletons to Restore Gait Symmetry Post-Stroke

**Schoenfisch, Mark**, College of Arts & Sciences  
June 2010  
Evaluating Nitric Oxide’s Role as a Sepsis Biomarker

**Shores, Carol**, School of Medicine  
March 2010  
Comorbid Infections and Cancer in Malawi

**Siderovski, David**, School of Medicine  
**Tarrant, Teresa**, School of Medicine  
June 2011  
Validating GPSM3 as a Key Regulator of Monocyte-driven Inflammation in Rheumatoid Arthritis

**Su, Maureen**, School of Medicine  
June 2010  
Mapping the Autoimmunity Defect in Turner Syndrome

**Tarrant, Robert**, School of Medicine  
April 2009  
Chloride Secretion and Early Onset COPD

**Tarrant, Teresa**, School of Medicine  
April 2009  
Targeted Kinase Inhibition of GRK3 as a Novel Immunosuppressant Strategy for Inflammation and Transplantation

**Thomas, Rusty**, The Hamner Institutes for Health Sciences

**Watkins, Paul**, Gillings School of Global Public Health; Eshelman School of Pharmacy  
April 2009  
Liver Derived mRNA in Plasma During Drug Induced Liver Injury in Rats and Man

**Verbiest, Sarah**, School of Medicine  
**Berry, Diane**, School of Nursing  
November 2010  
Reducing the Risk of Chronic Disease: A Group-Based Weight Loss Program for Postpartum Mothers

**Vilen, Barbara**, School of Medicine  
March 2010  
Human B Cell Tolerance and its Dysregulation in Systemic Lupus Erythematosus

**Wang, Xiaodong**, Eshelman School of Pharmacy  
March 2010  
Developing Small Molecule Inhibitors of IKKε and/or TBK1 for Cancer Treatment

**Watkins, Paul**, Gillings School of Global Public Health; Eshelman School of Pharmacy  
**Su, Lishan**, School of Medicine  
November 2009  
Investigating Idiosyncratic Drug-Induced Liver Injury With a Novel Mouse Model

**Williams, Sharon**, School of Medicine  
April 2009  
A Tri-Racial Examination of Family Caregivers of Stroke Survivors

**Yuan, Hong**, School of Medicine  
November 2009  
Imaging Brain Tumor Hypoxia Using (64)Cu-ATSM Positron Emission Tomography

**Zhang, Yi**, School of Medicine  
April 2009  
Generation and Characterization of Patient Specific iPS Cells for Beta-Cell Replacement Therapy for Type 1 Diabetes
Zhou, Otto, College of Arts & Sciences
April 2009
Nanotechnology Enabled Compact Microbeam Radiation Therapy System for Cancer Treatment and Research

Watkins, Paul, School of Medicine
May 2009
Discovery of Clinical Biomarkers for Drug-Induced Liver Injury

**PLANNING GRANT AWARD WINNERS**

Hussong, Andrea, College of Arts & Sciences
April 2018
Translating Developmental Science into Prevention Programs: Targeting Early Emerging Risk for Addiction

Jordan, Joanne, Dept. of Medicine; Orthopaedics; Thurston Arthritis Research Center, School of Medicine
May 2013
Biomarker and Biomechanical Predictors of Osteoarthritis in ACL-Injured Patients

Key, Nigel, School of Medicine
January 2010
UNC U54 Application for Translational Research Centers in Thrombotic and Hemostatic Disorders (TRC-THD)

Lieb, Jason, College of Arts & Sciences
Davis, Ian, School of Medicine
Evans, James, School of Medicine
April 2010
The UNC Comprehensive Individual Molecular Atlas Project

Mackman, Nigel, School of Medicine
Ataga, Kenneth, School of Medicine
March 2012
Targeted Anticoagulant Therapy for Sickle Cell Disease

Mackman, Nigel, School of Medicine
Cooley, Brian, School of Medicine
January 2015
Mechanisms and Targets in Immunothrombosis

Parise, Leslie, School of Medicine
March 2011
Planning Grant for Sickle Cell Disease PPG

Ting, Jenny, School of Medicine
Sparling, Philip, School of Medicine
July 2012
Nanoparticles in the Delivery of Adjuvants and Vaccines

**MULTI-CTSA AWARD WINNERS**

Campbell, Sharon, School of Medicine
Sklar, Larry, University of New Mexico
August 2016
Multiplex Repurposing Screen of Oncogenic KRas Mutants

Jenkins, Carolyn, Dept. of Nursing, Medical University of South Carolina
Cykert, Samuel, Dept. of Medicine
July 2014
Transforming Patient-Centered Medical Homes into Medical Communities for Underserved Rural Patients

Corbie-Smith, Giselle, Dept. of Medicine, School of Medicine, UNC-Chapel Hill
Brown, Arleen, Internal Medicine, School of Medicine, UCLA

Burke, Jessica Griffin, Behavioral and Community Health Sciences, School of Public Health, U. of Pittsburgh
Cheney, Ann, Health Services Research, Psychiatric Research Institute, U. of Arkansas Medical Sciences
Cottler, Linda, Epidemiology, College of Medicine and College of Public Health and Health Professions, University of Florida
August 2013
Exploring Trust in Community-Academic Research Partnerships via Concept Mapping

Hagood, James, School of Medicine, UNC Chapel Hill
Zhang, Kun, Jacobs School of Engineering, UC San Diego
Duong, Thu (Elizabeth), Jacobs School of Engineering, UC San Diego
February 2019
Optimizing tissue processing for single-cell multi-omics applications

Halladay, Jacqueline, School of Medicine
Rhine, Robert, University of New Mexico
Greiner, Allen, University of Kansas Medical Center
Salt, Elizabeth, University of Kentucky
June 2018
Treating Pain with Acceptance and Commitment Therapy Trial (T-PACT Trial)
Ostrowski, Lawrence, School of Medicine, UNC Chapel Hill
Fregien, Nevis, School of Medicine, University of Miami
March 2019
Development of iPS Cell Lines for Screening New Therapeutics for Primary Ciliary Dyskinesia

Perrin, Eliana, Pediatrics, School of Medicine; Center for Health Promotion and Disease Prevention, UNC-Chapel Hill
Rothman, Russell, Pediatrics; Vanderbilt Center for Health Services Research, School of Medicine, Vanderbilt University
Yin, H. Shonna, Pediatrics, School of Medicine, New York University
May 2013
Rigorous Dietary Assessment in Two Year Old Children Following an RCT Obesity Prevention Trial

Rhoney, Denise, Eshelman School of Pharmacy, UNC-Chapel Hill
Hatton, Jimmi, College of Pharmacy, U. of Kentucky
February 2015
Optimizing drug doses to improve outcomes of critically ill patients

Stuebe, Alison, OB/GYN, School of Medicine, UNC-Chapel Hill
Biggio, Joseph, OB/GYN, School of Medicine, University of Alabama, Birmingham
Saade, George, OB/GYN, School of Medicine, University of Texas Medical Branch, Galveston
Tita, Alan, OB/GYN, School of Medicine, University of Alabama, Birmingham
Varner, Michael, OB/GYN, School of Medicine, University of Utah Health Sciences
Wapner, Ronald, OB/GYN, Columbia University Medical Center
July 2013
National Perinatal Research Collaborative: Registry for Adverse Rare Events (RARE)

COMMERCIALIZATION

Demore, Nancy, School of Medicine
March 2010
Enci Therapeutics

Egan, Thomas, School of Medicine
June 2010
X-In8

Gerber, David, School of Medicine
June 2011
LotusBioEFx

Goyal, Anil, Eshelman School of Pharmacy
June 2011
Qualiber

Hackett, Michael, Eshelman School of Pharmacy
March 2011
Novolipid

Jay, Michael, School of Medicine & Eshelman School of Pharmacy
Mumper, Russ, School of Medicine & Eshelman School of Pharmacy
June 2010
Capture Pharmaceuticals

Katz, Laurence, School of Medicine
June 2010
Hibernaid

Ko, Ching-Chang, School of Dentistry
Fjeld, Jon, Duke University
December 2010
Ironwood Material Science

Kohn, Harold, Eshelman School of Pharmacy
June 2011
NeuroGate

Martin, Tim, School of Medicine
September 2011
Augment Medical

Sharpless, Norman, School of Medicine
March 2010
G-Zero

Sims, Chris, College of Arts & Sciences
December 2010
Cell Microsystems

FastTraCS GRANTS

Bergmeier, Wolfgang, School of Medicine
Runyon, Scott, RTI International
April 2015
High-throughput Screening for Inhibitors of CalDAG-GEFI-mediated Rap1 Activation
Braunstein, Miriam, School of Medicine
Hickey, Anthony, RTI International
April 2015
Development of Aerosol Delivered Pyrazinoic Acid
Esters as a Novel Therapy for Treating Tuberculosis

Chavala, Sai, School of Medicine
September 2014
Cell Based Therapy for the Treatment of
Atrophic Macular Degeneration

Christian, Robert, School of Medicine
Grego, Sonia, RTI International
January 2015
Wearable sensor for behavioral outcome measurements
in Intellectual and Developmental Disabilities

Dayton, Paul, School of Medicine
Yun, Yeoheung, North Carolina A&T State University
January 2015
Ultrasonically-Activatable Contrast Agents for Early
Detection and Treatment of Pancreatic Cancer

Desai, Salil, North Carolina A&T State University
Chang, Sha, School of Medicine
April 2015
Design and Manufacturing of High Precision Recyclable
Radiation Modulation Devices for Radiation Therapy

Dorsey, Kathleen, Gillings School of Global Public
Health
Thomas, Nancy, School of Medicine
May 2016
Advanced Development Of A Methylation-
based Diagnostic Test For Melanoma

Grego, Sonia, RTI International
Yun, Yeoheung, North Carolina A&T State University
January 2015
Stretchable MicroElectrode Array for In
Vitro Cardiotoxicity Screening

Gu, Zhen, School of Medicine
Buse, John, School of Medicine
January 2016
Development of Microneedle-Array Patch for
Fast Glucose-Responsive Insulin Delivery

Hackman, Trevor, School of Medicine
Chera, Bhishamjit, School of Medicine
August 2018
Towards individualized cancer therapy in head
and neck oncology: Using tumor genetics to
predict patient outcomes and guide therapy

Hagood, James, School of Medicine
December 2020
Targeting Pulmonary Fibrosis: Soluble Thy-
1 as a novel therapeutic approach

Harris, Danni, RTI International
Moy, Sheryl, School of Medicine
January 2015
Novel Autism Therapeutics

Hingtgen, Shawn, Eshelman School of Pharmacy
September 2014
Neural Stem Cell Mediated Brain Tumor Therapy:
Increased Efficacy with Electrospun Nanofiber Scaffolds

Kabanov, Alexander, Eshelman School of Pharmacy
Tropsha, Alexander, Eshelman School of Pharmacy
September 2014
delAQUA – Computer-Assisted Drug
Solubilization Platform

Knight, O'Rese, School of Medicine
Hubbard, Devin, School of Medicine
Ziebarth, Noel, University of Miami
September 2016
Design of Atomic Force Microscopy Based Intraocular
Pressure Assessment Instruments: Phase I

Kreda, Silvia, School of Medicine
Navarro, Hernan, RTI International
September 2014
Mucin Secretion Inhibitors for Lung Disease Therapeutics

Lawrence, David, Eshelman School of Pharmacy
Tarrant, Teresa, School of Medicine
April 2015
A New Technology for the Targeted
Delivery of Anti-Inflammatory Agents

Liu, Jian, Eshelman School of Pharmacy
Thakur, Sheetal, RTI International
September 2014
Pharmacological and Toxicological Analysis of
Synthetic Low-Molecular Weight Heparin in Primates
Liu, Rihe, Eshelman School of Pharmacy
August 2015
Integrative immunotherapeutic platform for simultaneous targeting cancer cells and activating T cells

Loeser, Richard, Thurston Arthritis Research Center
Pearce, Kenneth, Eshelman School of Pharmacy
February 2021
Discovering New Therapeutics for Osteoarthritis

Parise, Leslie, School of Medicine
Kireev, Dmitri, Eshelman School of Pharmacy
September 2014
Targeting CIB1 in Triple Negative Breast Cancer

Risselada, Marije, North Carolina State University
Sokolksy-Papkov, Marina, Eshelman School of Pharmacy
September 2016
Theranostic Implantable Dual Sustained Release (IDSR) Chemotherapeutic Formulation of Carboplatin with Cell Specific Targeting for Treatment of Residual Tumors and Nodal Metastatic Spread in Melanoma

Shah, Rishma, Adams School of Dentistry
September 2019
Development of an Innovative Custom-Fitted Portable Intraoral Speech Therapy Device

Strachan, Ryan, School of Medicine
August 2018
ADSoRB: a novel in vitro drug screening platform for rapid isolation of lead compounds from complex ligand libraries

Weinhold, Paul, School of Medicine
December 2017
Angiogenic Suture for Stimulation of Tendon Healing

Wheeler, Anne, RTI International
Mankowski, Jean, School of Medicine
May 2016
Clinical Testing of a Real-Time Behavior Measurement Tool: Measuring Outcomes for CHAnge (MOCHA)

Wolberg, Alisa, School of Medicine
Blough, Bruce, RTI International
August 2015
Targeting the FXIII-Fibrinogen Interaction for Antithrombotic Therapy

Zhou, Otto, College of Arts and Sciences
August 2018
Development of a compact, low-dose and low-cost 3D orthopedic imaging device

**DISSEMINATION & IMPLEMENTATION (D&I) SCIENCE AWARDS**

Armao, Diane, School of Medicine
Smith, J. Keith, School of Medicine
April 2014
UNC Department of Radiology Community Research Partnership Project: A Pilot Study aimed at the Dissemination and Implementation of Best Practice Guidelines in Pediatric CT Scan Radiation Dose Reduction

Kneipp, Shawn, School of Nursing
April 2014
Applying a Novel, Simulation-Based Dissemination Approach to Increase EBI Adoption Interest

Reuland, Daniel, School of Medicine
April 2014
Using Deliberative Methods to Guide Implementation Strategies for Lung Cancer Screening

Samuel-Hodge, Carmen, Gillings School of Global Public Health
April 2014
A Feasibility Study of Demand for Diabetes Prevention Evidence-Based Interventions

**DUKE/UNC-CHAPEL HILL CTSA CONSORTIUM COLLABORATIVE TRANSLATIONAL RESEARCH (T1/T2) PILOT GRANTS**

Asokan, Aravind, UNC School of Medicine
Gersbach, Charles, Duke Pratt School of Engineering
December 2014
In Vivo Genome Editing with the CRISPR/Cas9 System Using Novel Muscle-Tropic AAV Vectors

Baldwin, Albert, UNC School of Medicine
Lo, Donald, Duke School of Medicine
December 2016
3D brain tissue drug and diagnostics assay for targeting glioblastoma tumor heterogeneity
Dennis, Ann, UNC School of Medicine  
Okeke, Nwora, Duke School of Medicine  
December 2015  
Defining HIV Transmitted Drug Resistance  
Trends in North Carolina with Phylogenetics

Duncan, Joseph, UNC School of Medicine  
Macintyre, Andrew, Duke School of Medicine  
December 2018  
Cross-reactive N. gonorrhoeae immune responses induced by a N. meningitidis vaccine

Gentzsch, Martina, UNC School of Medicine  
Bowles, Dawn, Duke School of Medicine  
December 2014  
CFTR Therapeutics for Heart Disease: Repurposing Established Drugs and Identifying New Ones

Gonzalez, Daniel, UNC Eshelman School of Pharmacy  
Hornik, Christoph, Duke School of Medicine  
December 2014  
Sildenafil Exposure and Safety in Premature Infants

Mackman, Nigel, UNC School of Medicine  
Lee, Jaewoo, Duke School of Medicine  
December 2015  
Targeting the Intrinsic Pathway of Coagulation to Prevent Venous Thrombosis in Pancrea

Magness, Scott, UNC School of Medicine  
Rawls, John, Duke School of Medicine  
December 2014  
High-throughput in vitro physiology for the human intestinal epithelium

Moody, James, Duke Trinity College of Arts & Sciences  
Van Duin, David, UNC School of Medicine  
December 2018  
Network analysis of carbapenem resistance in Enterobacteriaceae

Raval, Jay, UNC School of Medicine  
Welsby, Ian, Duke School of Medicine  
December 2015  
RBC Rejuvenation to Optimize Chronic Transfusion Therapy in Sickle Cell Disease

Roth, Bryan, UNC School of Medicine / Eshelman School of Pharmacy  
Lefkowitz, Robert, Duke School of Medicine / Trinity College of Arts & Sciences  
December 2015  
Scalable in vitro technology for profiling GPCR signaling for novel drug discovery

Su, Lishan, UNC School of Medicine  
Cullen, Bryan, Duke School of Medicine  
December 2016  
Using vector-delivered Cas9 to cure chronic hepatitis B virus

Vora, Neeta, School of Medicine  
Davis, Erica, Duke University  
December 2017  
Genetic and Functional Dissection of Congenital Anomalies of the Kidney & Urinary Tract

Quist-Nelson, Johanna, School of Medicine  
Meng, Marie-Louise, Duke University  
February 2021  
Maternal Morbidity at Duke and UNC: a multicenter examination of risks factors and trends of pregnancy related morbidity

NC TRACS TRIAD COMMUNITY-ACADEMIC PARTNERSHIP DEVELOPMENT “BRIDGING SCIENCE TO PRACTICE” GRANTS

Christian, Robert, School of Medicine  
Earls, Marian, Guilford Child Health / NC Pediatric Society  
February 2010  
Community Partners: Carolina Institute for Developmental Disabilities, Greensboro TEACCH (Treatment and Education of Autistic and Related Communication-Handicapped Children) An Interdisciplinary Care Model for Pediatric Patients with Autism Spectrum Disorders: Implementation and Evaluation

Labbok, Miriam, School of Medicine  
Smith, Paige Hall, UNC Greensboro / Center for Women’s Health and Wellness  
February 2010  
Community Partners: YWCA of Greensboro, Carolina Breastfeeding Institute, Center for Women’s Health and Wellness A UNC-UNCG-YWCA-Community Partnership for Women’s and Children’s Health
Leeman, Jennifer, School of Nursing
Smith, Mark, Guilford County Department of Health
February 2010
Community Partners: Guilford County Department of Public Health, Guilford County Healthy Carolinians Healthy Lifestyles Learning Cluster: Translating Data & Research into Action

Zolotor, Adam, School of Medicine
February 2010
Community Partners: Adolescent Pregnancy Prevention Campaign of North Carolina (APPCNC) Social Support for Pregnant and Parenting Teens Using Internet and Cell Technology

TRANSLATIONAL TEAM
SCIENCE AWARDS (TTSA)

Amelio, Antonio, School of Dentistry
Hackman, Trevor, School of Medicine
June 2019
Molecular Subtyping of Salivary Mucoepidermoid Carcinoma (MEC) for Risk Stratification and Guiding Therapeutic Decisions

Armstead, Paul, School of Medicine
Goonetilleke, Nilu, School of Medicine
June 2019
Targeting HLA-E restricted epitopes for immunotherapy against Cancer

Brudno, Yevgen, School of Medicine
Dotti, Gianpietro, School of Medicine
Grover, Natalie, School of Medicine
June 2019
In Situ Recruitment, Reprogramming and Release of CAR-T Cells

Burks, Wesley, School of Medicine
Pardo-Manuel de Villena, Fernando, School of Medicine
May 2018
Development and characterization of an improved translational model of peanut allergy

Burks, Wesley, School of Medicine
Pardo-Manuel de Villena, Fernando, School of Medicine
July 2017
Development and characterization of an improved translational model of peanut allergy

Burks, Wesley, School of Medicine
Pardo-Manuel de Villena, Fernando, School of Medicine
May 2016
Development and characterization of an improved translational model of peanut allergy

Calhoun, Ben, School of Medicine
Nyante, Sarah, School of Medicine
Troester, Melissa, Gillings School of Global Public Health; School of Medicine
June 2018
Integration of Molecular, Epidemiologic, and Histopathologic Markers for Risk Stratification of Benign Breast Disease

Darville, Toni, School of Medicine
Randell, Scott, School of Medicine
Nagarajan, Uma, School of Medicine
O’Connell, Catherine, School of Medicine
Wyrick, Pris, School of Medicine
January 2018
Primary human fallopian tube cell models for research on Chlamydia trachomatis - induced disease

Darville, Toni, School of Medicine
Randell, Scott, School of Medicine
Nagarajan, Uma, School of Medicine
O’Connell, Catherine, School of Medicine
Wyrick, Pris, School of Medicine
Kesimer, Mehmet, School of Medicine
December 2016
Primary human fallopian tube cell models for research on Chlamydia trachomatis - induced disease

Darville, Toni, School of Medicine
Randell, Scott, School of Medicine
Nagarajan, Uma, School of Medicine
O’Connell, Catherine, School of Medicine
Wyrick, Pris, School of Medicine
Kesimer, Mehmet, School of Medicine
Cox, Adrienne, School of Medicine
April 2015
Primary human fallopian tube cell models for research on Chlamydia trachomatis - induced disease

Davis, Rich, School of Medicine
Hirsch, Matthew, School of Medicine
Gilger, Brian, North Carolina State University
May 2018
Prevention of Cornea Graft Rejection using AAV Gene Therapy
Davis, Rich, School of Medicine
Hirsch, Matthew, School of Medicine
Gilger, Brian, North Carolina State University
July 2017
Prevention of Cornea Graft Rejection using AAV Gene Therapy

Davis, Rich, School of Medicine
Hirsch, Matthew, School of Medicine
Gilger, Brian, North Carolina State University
May 2016
Prevention of Cornea Graft Rejection using AAV Gene Therapy

Dellon, Evan, School of Medicine
Kulis, Michael, School of Medicine
Burks, Wesley, School of Medicine
April 2016
A novel T-cell directed approach to dietary therapy in patients with eosinophilic esophagitis

Dellon, Evan, School of Medicine
Kulis, Michael, School of Medicine
Vickery, Brian, School of Medicine
April 2015
A novel T-cell directed approach to dietary therapy in patients with eosinophilic esophagitis

Dellon, Evan, School of Medicine
Kulis, Michael, School of Medicine
Vickery, Brian, School of Medicine
August 2014
A novel T-cell directed approach to dietary therapy in patients with eosinophilic esophagitis

Garbutt, James, School of Medicine
Tommerdahl, Mark, School of Medicine
Thiele, Todd, School of Medicine
Jordan, Robyn, School of Medicine
May 2016
Assessing Changes in the Brain Melanocortin System and Sensory Processing in Response to Alcohol to Advance our Understanding of the Pathophysiology and Psychopharmacology of Binge Drinking

Gerber, David, School of Medicine
Samulski, Richard, School of Medicine
August 2014
Patient-derived chimeric mouse models for studying liver disease

Gershon, Timothy, School of Medicine
Wilhelmsen, Kirk, School of Medicine
August 2018
Analyzing clonal diversity to improve risk stratification and therapy for medulloblastoma

Gordon-Larsen, Penny, Gillings School of Global Public Health
April 2015
Gut microbiome markers of cardiometabolic disease in transition to a Western diet

Gordon-Larsen, Penny, Gillings School of Global Public Health
August 2014
Gut microbiome markers of cardiometabolic disease in transition to a Western diet

Jensen, Brian, School of Medicine
Johnson, Gary, School of Medicine
January 2017
Integrated profiling of the kinome and transcriptome to predict cardiotoxicity of kinase inhibitors

Jensen, Brian, School of Medicine
Johnson, Gary, School of Medicine
January 2016
Integrated profiling of the kinome and transcriptome to predict cardiotoxicity of kinase inhibitors
Jensen, Brian, School of Medicine
Johnson, Gary, School of Medicine
August 2014
Integrated profiling of the kinome and transcriptome to predict cardiotoxicity of kinase inhibitors

Kreda, Silvia, Medicine & Biochemistry
Leigh, Margaret, Pediatrics
Ostrowski, Lawrence, Pediatrics
December 2021
Oligonucleotide-Based Therapy and Precision Medicine Platform for Primary Ciliary Dyskinesia

Lalush, David, School of Medicine
Rose, Tracy, School of Medicine
Kim, William, School of Medicine
June 2019
Quantitative PET-MRI Imaging Correlated with Transcriptome Analysis for Noninvasive Characterization of Renal Cell Carcinomas

Loeser, Richard, School of Medicine
Lund, Pauline, School of Medicine
April 2015
The Role of the Microbiome in Osteoarthritis

Park, Steven, School of Medicine
Richards, Kristy, School of Medicine
August 2014
Disrupting EBV lymphomagenesis as a novel strategy for the treatment of human and canine lymphoma

Pylayeva-Gupta, Yuliya, School of Medicine
Dayton, Paul, School of Medicine
McRee, Autumn, School of Medicine
April 2018
Revitalization of anti-tumor immune responses using image-guided sonoporation in pancreatic cancer

Reeves, Brandi, Medicine/Hematology
Pawlinski, Rafal, Medicine/Hematology
December 2021
Hypoxia Inducible Factors alpha in Myeloproliferative Neoplasm-Associated Thrombosis

Shaikh, Raza, Gillings School of Global Public Health
Beck, Melinda, Gillings School of Global Public Health
Farrell, Timothy, School of Medicine
April 2018
Mechanisms by which gastric-bypass surgery improves lymphocyte immunometabolism

Smeekens, Johanna, Pediatrics
Commins, Scott, School of Medicine
December 2021
Early-life Th2-skewing as a risk factor for allergic sensitizations

Sylvester, Francisco, School of Medicine
Carroll, Ian, School of Medicine
Truong, Kinh, Gillings School of Global Public Health
April 2015
Effects of a dysbiotic intestinal microbiome present in Crohn disease on skeletal health and linear growth

**IMPROVING HUMAN HEALTH AWARDS**

Button, Brian, School of Medicine
Boucher, Richard, School of Medicine
July 2015
Measurement of Mucus Properties as Biomarkers for CF/COPD

Chang, Emily, School of Medicine
Chong, Wui, School of Medicine
Dayton, Paul, School of Medicine
Rathmell, W. Kimryn, School of Medicine
July 2015
CEUS CKD (CEUS for Complex Kidney Lesion Diagnosis)

Swanstrom, Ronald, School of Medicine
May 2016
The Development of High-throughput Protocols for the Detection of HIV-I Drug Resistant Markers Using Primer ID and Next Generation Sequencing

Tully, Kristin, Gillings School of Global Public Health
August 2016
The Design and Development of Infant Side-Car Bassinets for the Postnatal Unit

Zhou, Otto, College of Arts and Sciences
January 2016
A low-dose and high-sensitivity 3D intraoral imaging device for improving oral health
 Antibiotic prescribing in North Carolina before and after an FDA boxed warning on fluoroquinolones in 2016

Chung, Arlene, School of Medicine, UNC-Chapel Hill
Wagner, Lynne, School of Medicine, Wake Forest University
LeBlanc, Tom, School of Medicine, Duke University
Smeltzer, Phil, College of Medicine, Medical University of South Carolina

May 2016
Harmonization of Patient-Reported Outcomes Across Three CTSAs: Leveraging EHRs to Enable Comparative Effectiveness Research to Improve the Quality of Cancer Care

Clowse, Megan, Duke University
Oates, James, Medical University of South Carolina

August 2017
Pregnancies in women with Lupus in the Carolinas Collaborative (PLiCC) Cohort: Validation of computable phenotypes with existing Registries in order to study the role of socio-demographic disparities on pregnancies in women with lupus

Daubert, Melissa, School of Medicine, Duke University
Urrutia, Rachel, School of Medicine, UNC-Chapel Hill

October 2018
Optimizing Postpartum Cardiovascular Care in Women with Hypertensive Disorders of Pregnancy

Goodwin, Andrew, College of Medicine, Medical University of South Carolina
Simpson, Annie, College of Health Professions, Medical University of South Carolina
Bice, Thomas, School of Medicine, UNC-Chapel Hill
Files, D. Clark, School of Medicine, Wake Forest University
Topaloglu, Umit, School of Medicine, Wake Forest University

October 2018
Development and validation of a multi-center ventilator dependent respiratory failure (VDRF) computable phenotype to facilitate lung protective ventilation research

Mehrotra, Abhishek, School of Medicine, UNC-Chapel Hill
Carr, Christine, College of Medicine, Medical University of South Carolina
Limkakeng, Alexander, School of Medicine, Duke University
Mahler, Simon, School of Medicine, Wake Forest University

May 2016
The HEART Pathway: a learning health system project, translating evidence to practice across the Carolinas

Ranapurwala, Shabbar, Gillings School of Global Public Health, UNC-Chapel Hill
Wu, Li-Tzy, School of Medicine, Duke University
Korte, Jeffrey, College of Medicine, Medical University of South Carolina
Wolfson, Mark, School of Medicine, Wake Forest University

October 2018
Measuring Opioid Use Disorders in Secondary Electronic Health Records Data

Tailor, Tina, School of Medicine, Duke University
Henderson, Louise, School of Medicine, UNC-Chapel Hill
Chiles, Caroline, School of Medicine, Wake Forest University

October 2018
Detection of Coronary Artery Calcification in the Lung Cancer Screening Population: Clinical Implications for Cardiovascular Risk Stratification and Statin Pharmacotherapy

2K STAKEHOLDER ENGAGEMENT VOUCHER

Austen, Julie, Frank Porter Graham Child Development Institute
Harrop, Claire, School of Medicine

January 2021
Building capacity to support gender-diverse, autistic youth in North Carolina

Baxter, Samuel, Gillings School of Global Public Health

December 2019
Exploring neighborhoods and cardiovascular health among young Black men: A concept mapping study
Bledsoe, Sarah, School of Social Work
LeMasters, Katherine, Gillings School of Global Public Health
April 2019
Community Engagement: Understanding Perinatal Health Needs in Robeson County, NC Community Advisory Board

Bluth, Karen, Psychiatry
Lathren, Christine, Physical Medicine & Rehabilitation
September 2021
Engaging Stakeholders to Tailor Mindful Self-Compassion Programming for Transgender Adolescents

Brenner, Erica, Department of Pediatrics
October 2021
Engaging patient stakeholders to improve sexual and reproductive health for adolescent and young women with inflammatory bowel disease

Brooks, Jada, School of Nursing
Proulx, Jeffrey, Oregon Health & Science University
September 2019
Building a Community-Academic Partnership with the Cherokee to Address Diabetes through the Adaptation of a Mindfulness-Based Intervention

Brooks, Jada, School of Nursing
March 2019
Engaging Community Stakeholders in the Formative Stage to Design Culturally-Appropriate Studies Aimed at Promoting Health Equity in American Indian Communities

Bryant, Amy, School of Medicine
July 2016
Breastfeeding and Hormonal Contraception in the Postpartum Period: Supporting patient-centered counseling

Callahan, Leigh, School of Medicine
Allen, Kelli, School of Medicine
February 2018
Developing a Thurston Arthritis Research Center Stakeholder Advisory Board

DeFreese, JD, Exercise & Sports Science
Chandran, Avinash, Datalys Center for Sports Injury Research & Prevention, Inc.
September 2021
Former Female Athlete Health and Well-Being: Epidemiology to Intervention

dejong, Neal, School of Medicine
Ming, David, Duke University School of Medicine
November 2020
Identifying health system priorities for children and youth with special health needs in NC

Dellon, Evan, School of Medicine
June 2020
Developing patient stakeholder engagement in eosinophilic esophagitis

deRosset, Leslie, Frank Porter Graham Child Development Institute
Lathren, Christine, School of Medicine
Fishbein, Diana, Frank Porter Graham Child Development Institute,
Bluth, Karen, Department of Psychiatry
April 2021
Refining and Implementing a Culturally-Tailored Self-Compassion Intervention for Latinx Adolescents and Their Parent

Engel, Lawrence, Gillings School of Global Public Health
January 2019
Robeson County Environmental and Community Health Initiative (ECHI)

Fraga, Cynthia, School of Social Work
VanDeinse, Tonya, School of Social Work
June 2018
Engaging Stakeholders to Develop a Joint Vision and Research Agenda For Family Justice Centers and Intimate Partner Violence Co-location Agencies

Germain, Cassandra, School of Health & Human Services, N.C. A&T State University
June 2020
Engaging Community Stakeholders for Research with Caregivers of PwD

Golightly, Yvonne, Gillings School of Global Public Health
Nelson, Amanda, School of Medicine
December 2017
Stakeholder Panel to Assist with Plans for New Enrollment of Population-Based Cohort in a North Carolina County
Golin, Carol, School of Medicine; Gillings School of Global Public Health
Lightfoot, Alexandra, Gillings School of Global Public Health
March 2019
Engaging Stakeholders in a Community-Academic Partnership to Address Mental Health and Access to Care among Durham Housing Authority residents

Halladay, Jacqueline, School of Medicine
Nielsen, Matthew, School of Medicine
June 2018
Right sizing post-operative prescribing for opioid naïve patients - A stakeholder guided and team-based approach to mitigating chronic opioid use

Hassmiller Lich, Kristen, Gillings School of Global Public Health
Cruden, Gracelyn, Gillings School of Global Public Health
April 2018
Group Model Building to Support Evidence-based Programs Selection to Prevent Child Maltreatment in North Carolina

Hirschey, Rachel, School of Nursing
March 2019
African American Cancer Survivors Engagement to Develop a Physical Activity Intervention

Kahkoska, Anna, Nutrition
Young, Laura, Endocrinology & Metabolism
February 2022
Exploring Needs and Approaches for Optimized Diabetes Education in Older Adults with Type 1 Diabetes: Stakeholder-Engaged Proposal Development

LeMasters, Katherine, Gillings School of Global Public Health
October 2019
A community-based approach to understanding PrEP care in at-risk adolescents: Youth Engagement

Lightfoot, Alexandra, Gillings School of Global Public Health
Harrison, Lisa, Granville-Vance Health Department
May 2021
Stakeholder Engagement to Develop a Rural, Multi-Level Community-Based Intervention to Prevent Obesity in Preschool-Aged Children

Maddox, Brenna, Psychiatry/TEACHH Autism Program
August 2021
Autistic Adults and other Stakeholders Engage Together for Suicide Prevention

Milko, Laura, Genetics
February 2022
Engaging parents as partners in community engagement about genomic screening research

Minch, Devon, Frank Porter Graham Child Development Institute
Aldridge, Will, Frank Porter Graham Child Development Institute
July 2021
Hearing from Local Families to Ensure Responsive Implementation of Community-wide Parenting Training and Supports

O’Daniel, Julianne, School of Medicine
Lightfoot, Alexandra, Gillings School of Global Public Health
March 2018
It’s complicated: Engaging stakeholders and caregivers of medically involved children from medically underserved and minority populations

Perreirea, Krista, School of Medicine
July 2021
CASA Latina: Community Academic Strategic Alliance to Promote Latinx Engagement in Clinical Research

Putnam, Orla, Division of Allied Health Sciences
Harrop, Clare, Division of Allied Health Sciences
February 2022
Gendered Experiences in Autism Research: Analysis with Stakeholders

Quist, Arbor, Gillings School of Global Public Health
Holloman, Diamond, College of Arts and Sciences
March 2020
Mold Education Resource Center Pilot Study

Rosenbaum, Alan, School of Medicine
March 2021
Dyspareunia Diagnosis and Management System for Female Cancer Survivors

Roth, Isabel, School of Medicine
May 2019
Engaging Stakeholders in Research on a Telephone-delivered Mindfulness Intervention for Rural, African American Families
Sheikh, Saira, School of Medicine
Englund, Tessa, School of Medicine
January 2021
Development of a Stakeholder Advisory Board for Patient Engagement in Lupus Research

Simpson, Ross, School of Medicine
May 2016
Medically Isolated Adults’ Perceptions of Health Behavior and Access to Healthcare

Taillie, Lindsey, Gillings School of Global Public Health
Hall, Marissa, Gillings School of Global Public Health
September 2019
Engaging Latinx community members in nutrition education and obesity prevention research

Thomas, Kathleen, Eshelman School of Pharmacy
January 2020
Children with intellectual and developmental disability & psychoactive medication use

**TRANSLATIONAL SCIENCE METHODS & PROCESS AWARDS**

Birken, Sarah, Gillings School of Global Public Health
July 2016
Developing a tool to promote the selection of appropriate implementation frameworks and theories

Bracha, Yiscah, RTI International
Long, Millie, School of Medicine
August 2016
A Novel Method to Obtain Electronic Health Record Data for Comparative Effectiveness and Translational Science Research

Nielsen, Matthew, School of Medicine
April 2018
The Opioid Research Data Hub: A New Approach for Data Linkage

**NC TRACS/NC STATE UNIVERSITY COLLABORATIVE TRANSLATIONAL RESEARCH PILOT GRANT PROGRAM**

Dellon, Evan, UNC School of Medicine
Blikslager, Anthony, College of Veterinary Medicine, NC State University
December 2016
A novel steroid-eluting esophageal ring for treatment of eosinophilic esophagitis

Gallippi, Caterina, UNC School of Medicine
Jiang, Xiaoning, College of Engineering, NC State University
December 2016
eVisR Ultrasound Assessment of Dystrophic Muscle Degeneration in Boys with Duchenne Muscular Dystrophy Using a Custom Row-Column Transducer Array

Gulati, Ajay, UNC School of Medicine
Theriot, Casey, College of Veterinary Medicine, NC State University
December 2016
Shifts in the Gastrointestinal Microbiome and Metabolome in response to Fecal Microbiota Transplantation

Hu, Xiaogang, School of Medicine
Zhu, Yong, NC State University
December 2017
Development of a wearable hand activity monitoring glove for stroke survivors

Rosamond, Wayne, Gillings School of Global Public Health
Williams, Billy, NC State University
December 2017
A Feasibility Study to Assess Delivery of Automated External Defibrillators (AED) via Drones
EMERGING CHALLENGES IN BIOMEDICAL RESEARCH (ECBR)

Asokan, Aravind, School of Medicine
April 2017
Aquaporin Gene Therapy for AD

Bates, Jill, Eshelman School of Pharmacy / UNC Health
August 2018
Implementation of a Preemptive Approach to Pharmacogenomics in Oncology

Deshmukh, Mohanish, School of Medicine
April 2017
Strategies from the Healthy Brain for Alzheimer's Disease: Focus on miR-29

Meeker, Rick, School of Medicine
April 2017
Inflammation, Aging and Alzheimer Disease Vulnerability

Piven, Joseph, School of Medicine
September 2021
Identifying barriers to participation in prospective autism infant sibling research for Black families: a qualitative and quantitative approach

Raff, Evan, School of Medicine
Raff, Lauren, School of Medicine
September 2021
Reducing Health Inequities in the Rapid Response System for Hospitalized Patients that Self-identify their Primary Language as Spanish

Stuebe, Alison, School of Medicine / Gillings School of Global Public Health
Whitney, Ana, UNC Health
August 2018
Human centered-design to assess and address social determinants of health in maternity care

CHER/ISP: PROMOTING HEALTH EQUITY BY INCLUDING UNDERREPRESENTED PARTICIPANTS IN RESEARCH GRANTS

Agans, Robert, Gillings School of Global Public Health
August 2018
Supplementing RDD Telephone Surveys with RDS to Oversample Gender Minorities: A New RDD+RDS Approach

Berkowitz, Seth, School of Medicine
Ng, Shu Wen, Gillings School of Global Public Health
June 2019
Will prescribing fruits and vegetables to low-income North Carolinians improve food purchase quality?

Knittel, Andrea, School of Medicine
June 2019
Recruitment of criminal justice-involved women's partners for HIV pre-exposure prophylaxis

Propper, Cathi, College of Arts and Sciences
August 2018
Prenatal nutrition and child cognitive outcomes at age 4 in an African American sample: Contributions of infant sleep and race-related stress

COVID-19 PILOT GRANT PROGRAM

Ammerman, Alice, Gillings School of Global Public Health
June 2020
Understanding reach and implementation of school nutrition safety net programs for NC families during COVID-19: implications for policy and practice

Baxter, Victoria, School of Medicine
Heise, Mark, School of Medicine
June 2020
Effect of Prior Pathogen Exposure on SARS-CoV-2 Pathogenesis and Immunity in Mice

Lai, Sam, Eshelman School of Pharmacy
Hickey, Anthony, Eshelman School of Pharmacy; RTI International
June 2020
Aerosol immunotherapy against COVID-19 based on muco-trapping mAb

Mackman, Nigel, School of Medicine
Key, Nigel, School of Medicine
June 2020
Measurement of plasma biomarkers to determine the mechanism of the coagulopathy in COVID-19 patients

Patel, Mehul, School of Medicine
Mayorga, Maria, School of Engineering, NC State University
June 2020
Integrated Systems Model to Inform State and Local Planning for the COVID-19 Pandemic
**Platts-Mills, Timothy**, School of Medicine
June 2020
Emergency Department-Based Advance Care Planning in Patients with COVID-19 Infection: Planning for a Cluster Randomized Trial

**Rizo, Cynthia**, School of Social Work
**Van Deinse, Tonya**, School of Social Work
June 2020
Responding to Violence Victims during COVID-19: Ensuring Equitable Access to Diagnosis, Prevention, and Treatment

**Zamboni, William**, Eshelman School of Pharmacy
**Heise, Mark**, School of Medicine
June 2020
Evaluation of innate immune system (IIS) phenotype on COVID-19 incidence, severity and treatment outcomes

**Zimmerman, Sheryl**, School of Social Work
**Sloane, Philip**, School of Medicine
June 2020
Long-Term Care Settings and Characteristics Associated With Entry and Transmission of COVID-19: A Statewide Study