



NC TRACS PILOT PROGRAM GRANT AWARDEES

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 - 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
- Agnew-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 Suppurative Research Fellow/MS4

Sayed, Christopher, Dermatology
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

Boettiger, Charlotte, College of Arts & Sciences
August 2009

Frontal Dopamine and Immediate Reward Selection Bias

Bogges, 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, Delesha, School of Medicine

January 2010

Developing and Testing a Measure of Conflicting Medication Information

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

November 2017

Developing Patient-Centered Engagement Tools for Patients with Multiple Chronic Conditions Through Stakeholder Engagement

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

Cicccone, 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 2011

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

Dorsey, Kathleen, Gillings School of Global Public Health

December 2013

Identifying DNA Methylation Markers for Breast Cancer Prognosis in the Carolina Breast Cancer Study

Dotson, Andrea, School of Medicine

Reuland, Daniel, School of Medicine

December 2019

Evaluating the feasibility and patient acceptability of shared decision making telehealth visits for lung cancer screening

Dougherty, Michael, School of Medicine

July 2020

Effect of COVID-19 pandemic on presentation severity of acute gastrointestinal bleeds

Dougherty, Michael, School of Medicine

Azcarate-Peril, M. Andrea, School of Medicine

June 2017

The gastric microbiome in gastric adenocarcinoma and gastric premalignant lesions: a pilot study for a 16S rRNA gene sequence survey

Draeger, Reid, School of Medicine

April 2015

A Novel Approach to Decreasing Infection Risk in Amputees Fitted with an Osseointegrated Direct Skeletal Attachment Prosthesis

DuBay, Michaela, School of Medicine

June 2018

Bringing Early Autism Identification to the Latino Community: Translation and Cultural Adaptation of the First Years Inventory

Duffy, Emily, Department of Nutrition

Taillie, Lindsey Smith, Gillings School of Global Public Health

October 2021

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

Dulin, Michael, School of Medicine

January 2009

Development of Geospatial Models to Evaluate Interventions Designed to Enhance Primary Care Access for Vulnerable Populations

Duncan, Alex, School of Medicine

July 2015

Role of Microbial Community Diversity in Symptomatic Gonococcal Infection

Dunivan, Gena, School of Medicine

March 2009

Injection of 0.125% Bupivacaine During Mid-Urethral Sling Placement for Pain Relief: A Randomized Control Trial

Dunivan, Gena, School of Medicine

March 2009

Obesity and Female Pelvic Floor Dysfunction

Dunsmore, Victoria, NC State University

March 2021

Coping with Lung Cancer "Scanxiety"

Eckel, Stephen, Eshelman School of Pharmacy

August 2014

Evaluation of a new measurement device in improving the accuracy and precision of chemotherapy doses

Eisenlohr-Moul, Tory, School of Medicine

Johnson, Jacqueline, School of Medicine

October 2014

Hormonal Influences on Social-Affiliative Symptoms in Premenstrual Dysphoric Disorder (PMDD): A Feasibility Study

Elliott-Bynum, Sharon, CAARE, Inc.

Corbie-Smith, Giselle, School of Medicine

October 2012

Sustained Recovery with AfterCAARE: Piloting the CPR Intervention with Graduates of a Community-Based 16-week SACOT Program

Ellis, Alan, College of Humanities and Social Sciences, NC State University

May 2020

Developing a Comparative, Multilevel Model of Psychotropic Medication Use in Children

\$2K Awards cont.

Elsayed, Heba, School of Medicine

Wells, Mary Ann, Department of Allied Health Sciences and UNC-Charlotte, School of Medicine
September 2020

The relation between sleep disorders and other comorbidities in ASD children

Elsherif, Laila, School of Medicine

December 2012

Targeting Neutrophil Extracellular Traps in Sickle Cell Disease

Estrada Del Campo, Yanire, Gillings School of Global Public Health

August 2016

Examining the sociocultural and psychosocial health factors that influence dietary behaviors of Puerto Ricans with diabetes

Evangelista, Baggio, School of Medicine

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

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

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

February 2020

Parent Communication Regarding Anti-Latino Discrimination

Fabiato, Kristin, School of Medicine

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

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

January 2014

HIV Infection and African American Women Incarcerated in a Southern State Prison System

Faurot, Keturah, School of Medicine

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

March 2009

Invitational Rhetoric as a Tool to Improve Communication Between Anesthesiologists and Surgeons

Fedoriw, Yuri, School of Medicine

Sarantopoulos, Stefanie, School of Medicine

September 2010

Localization of CD27+ B-cells in Human Lymphoid Tissue

Fiacco, Serena, School of Medicine

June 2020

The relationship between stress, inflammation, and sensitivity to social rejection in the menopause transition: A pilot study

Figler, Brad, School of Medicine

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

November, 2014

Genetic Profiling of Fibroblasts Derived from Pancreatic Ductal Adenocarcinoma Patients in the Discovery of Stroma Subtypes

Flower, Kori, School of Medicine

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

Gymnema 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
Huynh, Kyle, Gillings School of Global Public Health
February 2013
Validity and Reliability Testing of the
UNC Dry Eye Management Scale

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

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

\$2K Awards cont.

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
Giovanello, Kelly, College of Arts & Sciences
November 2020
Episodic memory changes in individuals genetically at-risk for schizophrenia

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

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, Asheley, 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

\$2K Awards cont.

Kent, Erin, Gillings School of Global Public Health
May 2021
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

Kimble, 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

Kohltfarber, 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, Brennan, 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

\$2K Awards cont.

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

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 FKBP5 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

Moracco, 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

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

\$2K Awards cont.

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

Kowitz, 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, Lucas, 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, Alredo, 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

\$2K Awards cont.

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, Faisal, 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

Aldredge, 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

Urlick, 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

\$2K Awards cont.

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

Wade, Jeannette, N.C. A&T State University

Alexander, Ramine, N.C. A&T State University

Woods-Giscombe, Cheryl, School of Nursing

May 2019

The Strong Black Woman Script and Obesity Risk- How to Navigate Your Reality

Wallace, Deshira, Gillings School of Global Public Health

Barrington, Clare, Gillings School of Global Public Health

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

\$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

Willis, Zachary, School of Medicine

April 2017

Assessing variability of antibiotic prescribing for common pediatric infections in the UNC Health Care System

Willis-Gray, Marcella, School of Medicine

November 2016

Reducing Postoperative Catheterization After Urogynecologic Surgery: A Randomized Study of Two Void Trials

Won, Christina, Eshelman School of Pharmacy

January 2011

Identification of Clinically-Relevant Intestinal Absorptive Uptake Transport Protein Inhibitors in Grapefruit Juice

Wouk, Kathryn, Gillings School of Global Public Health

March 2019

Predictors of postpartum health care utilization and receipt of recommended health services among underserved mothers in North Carolina

Wise, Nicholas, School of Medicine

June 2016

The effects of Cranial Laser Reflex Technique (CLRT) on hamstring flexibility and strength: a pilot study

Wong, Jacqueline, School of Medicine

October 2020

An investigation of the association between surgeon sex and laparoscopic device ergonomic strain in gynecologic surgery

Wunnava, Manoj

February 2015

Tracking outcomes in pain patients using personal fitness devices

Wylie, 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.

Cevitanes, 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
Gilleskie, Donna, College of Arts & Sciences
November 2010
The Dynamic Impacts of Outpatient Cost-
Sharing Requirements on Medicare
Beneficiaries with Cardiovascular Disease

Fogel, Catherine, School of Nursing
October 2009
Video and Web Development and Evaluation via
Project POWER: Creating and Testing Applications
of Proven Strategies to Reduce HIV-Risk Behavior
Among Incarcerated and Formerly Incarcerated
Women in North Carolina as an Augmentation
to a CDC-Funded Adaptation Grant

Fry, Rebecca, Gillings School of Global Public Health
February 2009
Identifying Methylated CpG Sites Associated
with Prenatal Metal Exposure

Gaetz, Kim, Gillings School of Global Public Health
July 2010
Community Partners: Chapel Hill-Carrboro City
Schools, New Hanover County School District, Assistant
Superintendent for Support Services Todd LoFrese,
Facilities Maintenance Supervisor Bill Kelley, NHCS'
Bobby Lamb, the Maintenance Operations Department's
Gwen Simpson, and the American Lung Association's
Gabrielle Steele
Pilot Study of "Free to Breathe, Free to Teach: Indoor Air
Quality in Schools and Respiratory Health of Teachers"

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

Gilchrist, Michael, School of Medicine
May 2009
Assessing Communication Gaps Between Physicians
After Hospital Discharge: A Proposed Pilot Study

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

\$10K Awards cont.

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 Hematopoietic 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-Ilets

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

Lobao, 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 Robotically 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 County 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

Allcock, 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

Benhabbour, Soumya Rahima, Eshelman School of Pharmacy

August 2013

Development of Poly(ethylene-co-vinyl acetate) (EVA) Based Intravaginal Rings (IVRs) for Delivery of MK-2048, a Novel Second Generation HIV-1 Integrase Inhibitor

Berg, Jonathan, School of Medicine

January 2014

Validation of Whole Exome Sequencing-Identified Genomic Variants in Cardiac Disease

Besheer, Joyce, 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

Bjurlin, Marc, School of Medicine

September 2019

Characterization of Bladder Carcinogen Urinary Biomarkers in Young Adult Electronic Cigarette Users

Bogges, 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

Branca, Rosa Tamara, College of Arts & Sciences

April 2014

Detection of human brown fat mass and temperature by hyperpolarized xenon gas MRI

Brenner, Alison, School of Medicine

December 2016

Toward improving adherence to guidelines for shared decision making about lung cancer screening: an analysis of patient-provider discussions

Brudno, Yevgeny, School of Medicine

Dayton, Paul, School of Medicine

December 2017

Targeting Glioblastoma Recurrence Through Focused Ultrasound-Enabled Refillable Drug Depots

Callahan, Leigh, School of Medicine

Messier, Stephen, Wake Forest University

December 2020

Cherokee Health for Elderly Residents with Osteoarthritis of the Knee in the Eastern Band: The CHEROKEE Study

\$5-50K Awards cont.

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

\$5-50K Awards cont.

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

Giovanello, 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 Corticomotor 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

Kimble, 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

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

Lobao, 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
December 2020
Macrophages as carriers for drug delivery in the prevention and treatment of Osteoarthritis

Lorenzo, Damaris, School of Medicine
Hige, Toshihide, College of Arts & Sciences
December 2020
Understanding the synaptic pathways of pathogenic variants in novel ASD gene SPTBN1

Lund, Jenny, Gillings School of Global Public Health
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

\$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 Nanocrystal 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

McGinige, 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 Hepatic 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 International

April 2018

Feasibility of Evaluating Biopsychosocial Indicators of Stress Reactivity in At-Risk Adolescents to Inform Self-Regulation Interventions

Nackley, Andrey, 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-fluoroestradiol 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

Ramsey, J. Michael, College of Arts & Sciences
Buse, John, School of Medicine
March 2012
Development of Simple and Inexpensive Point-of-Care Technology for Blood Glucose Measurement

Rathmell, W. Kimryn, School of Medicine
Chong, Wui, School of Medicine
June 2012
Non-Invasive Assessment of Renal Masses in Renal Insufficiency

Reddy, Shivani, RTI International
Qaqish, Bahjat, Gillings School of Global Public Health
December 2018
Improving Cardiovascular Risk Prediction in Women

Reeder-Hayes, Katherine, School of Medicine
Dusetzina, Staci, School of Medicine
April 2014
Comparative Effectiveness of Trastuzumab-Based Chemotherapy Regimens for Early Stage Breast Cancer

Ribeiro, Carla, School of Medicine
Hull-Ryde, Emily, Eshelman School of Pharmacy
October 2012
IRE1- Kinase, a Novel Target for Mucin Production in Cystic Fibrosis, COPD and Asthma Patients

Ridenour, Ty, RTI International
Coyne-Beasley, Tamera, School of Medicine
April 2015
Developing a Screening, Brief Intervention and Referral to Treatment Program for NC Pediatricians to Prevent Risky Behavior

Robinson, Donita, School of Medicine
Shih, Yen-Yu, School of Medicine
January 2015
Contribution of orbitofrontal output to brain connectivity in alcohol-exposed rats

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

Saavedra, Lissette, RTI International
Schilling, Samantha, School of Medicine
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, Eshelman School of Pharmacy
June 2012

Role of Transporters in the Efficacy of Metformin in Breast Cancer

Thorp, 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
Piasek, 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
LaForett, 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

\$50K Awards cont.

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 reprogramed
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 genital mucosal T cell responses
involved in protection from Chlamydia trachomatis
in women using single cell RNA sequencing analysis

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

50K AWARD WINNERS

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 Perihematoma
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, Bhashamjit, 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

Frazier-Bowers, Sylvia, School of Dentistry
April 2009
Determining a Genotype-Phenotype Correlation in Ectodermal Dysplasias and Non-Syndromic Tooth Anagenesis

Frelinger, Jeffrey, School of Medicine
April 2009
Transfer of Type I 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

Napravnik, 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

Tarran, 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 IKKe
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

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

Marshall, Steven, Epidemiology, Gillings School of
Global Public Health; Injury Prevention Research Center

Spang, Jeffrey, Orthopaedics, 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

Watkins, Paul, School of Medicine

May 2009

Discovery of Clinical Biomarkers for
Drug-Induced Liver Injury

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

Rhynne, 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, Yeohung, 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, Yeohung, 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
deAQUA – 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
Cupito, Susan, YWCA, Greensboro
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
Carolínians 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

Armistead, 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

Faber, James, School of Medicine
Powers, William, School of Medicine
August 2014
GENetic Determinants of Collateral Status
in Stroke - The GENEDCSS Study

Gallagher, Kristalyn, School of Medicine
July 2017
Proteogenomic discovery of patient-specific, phenotypic
markers for early diagnosis of invasive lobular carcinoma

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

Gershon, Timothy, School of Medicine
Wilhelmsen, Kirk, School of Medicine
July 2017
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

CAROLINAS COLLABORATIVE

Anderson, Deverick, Duke University

Dusetzina, Stacie, UNC-Chapel Hill

Pajewski, Nicholas, Wake Forest University

Willis, Zachary, UNC-Chapel Hill

August 2017

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

Taylor, 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

Perreira, 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

NC TRACS/NC STATE UNIVERSITY COLLABORATIVE TRANSLATIONAL RESEARCH PILOT GRANT PROGRAM

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

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
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