NC TRACS PILOT PROGRAM GRANT AWARDEES

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— Duke/UNC-Chapel Hill CTSA Consortium Collaborative Translational Research (T1/T2)
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— TraCS 2K Stakeholder Engagement Voucher
— Translational Science Methods & Process Awards
— NC TraCS/NC State University Collaborative
— Emerging Challenges in Biomedical Research (ECBR)

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

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

Alekseev, Oleg, School of Medicine October 2011
Expression of tNASP as a Novel Diagnostic Marker for Prostate Cancer

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
$2K Awards cont.

**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

**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

**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
**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

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

**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

**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
$2K Awards cont.

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

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

**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

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

**Boettiger, Charlotte**, College of Arts & Sciences
August 2009
Frontal Dopamine and Immediate Reward Selection Bias

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

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

**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

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

**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**, School of Medicine
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

**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
$2K Awards cont.

**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**, 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

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

**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

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

**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

**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

**Cranley, Nicole**, Gillings School of Global Public Health
**Sleath, Betsy**, Eshelman School of Pharmacy
**Lafata, Jennifer**, Eshelman School of Pharmacy
February 2017
Patient-Physician Communication and Hormonal Therapy Adherence Among Patients with Breast Cancer
$2K Awards cont.

**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

**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
March 2015
Evaluate the Association Between SSRIs and Incident Colorectal Cancer Using Medicare Claims Database

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

**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

**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

**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

**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

**Dulin, Michael**, School of Medicine
January 2009
Development of Geospatial Models to Evaluate Interventions Designed to Enhance Primary Care Access for Vulnerable Populations
$2K Awards cont.

Duncan, Alex, School of Medicine
July 2015
Role of Microbial Community Diversity in Symptomatic Gonococal 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

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

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

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

Fabiate, 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

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

Fejo, Kamarie, 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, Stefaian, School of Medicine
September 2010
Localization of CD27+ B-cells in Human Lymphoid Tissue

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

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

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

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

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

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

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

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 Gracz, Adam, School of Medicine
$2K Awards cont.

**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

**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  
July 2010  
Effects of Foot Orthoses on Balance and Physical Function in Older Adults

**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

**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

**Harkey, Matthew**, School of Medicine  
February 2017  
Associations Between the Biological and Structural Components of Cartilage Health following Acute Loading in Healthy Participants

**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  
February 2017  
Qualitative study of transitional care clinics for children and young adults with chronic health problems

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

**Haynes-Maslow, Lindsey**, School of Medicine  
July 2011  
Improving Access to Fruit and Vegetables Among Low-Income Individuals in North Carolina

**Hazucha, Milan**, School of Medicine  
April 2012  
Release of Nitric Oxide by Airway Cell Cultures
**Hernandez, Michelle**, School of Medicine  
March 2009  
NLR Expression in Asthma

**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

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

**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  
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

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

**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
$2K Awards cont.

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, 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

Kahkoska, Anna, Gillings School of Global Public Health
September 2016
Characterizing Fasted Plasma Ghrelin as a Determinant of Body Mass Index in Youth with Type 1 Diabetes

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

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)

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

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

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

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

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

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

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

Lara-Cinisomo, Sandraluz, School of Medicine
Grewen, Karen, School of Medicine; College of Arts and Sciences
Meltzer-Brody, Samantha, School of Medicine
November 2012
A Laboratory-Based Pilot Study of Postpartum Depressed and Non-Depressed Spanish-Speaking Latinas
$2K Awards cont.

**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

**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

**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, 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

**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

**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

**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

**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

**McCormick, Margaret**, School of Medicine
September 2011
Investigating a Novel Biologic in Recovery After Myocardial Infarction
$2K Awards cont.

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

**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

**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

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

**Moor, 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

**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

**Nakamura, Ayumi**, School of Medicine
April 2014
Investigating a novel role of apoptosis in the pathogenesis of autism spectrum disorders
$2K Awards cont.

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

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

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)

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
$2K Awards cont.

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

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

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

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

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

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

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, 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

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

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

Sandercock, Rachel, College of Arts & Sciences
March 2017
Examining the Validity of Self-Report in Adults with Autism Spectrum Disorder
$2K Awards cont.

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

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, 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

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, Ashley, School of Medicine June 2014
Improving the Use and Usefulness of Child Medical Evaluations in North Carolina: Importance of Child Welfare Caseworker Perceptions

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

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
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

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

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

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

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

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

van Aalst, John, School of Medicine
March 2010
Keratinogenesis from SSEA-4+ Umbilical Cord-Derived Mesenchymal Stem Cells

van Aalst, John, School of Medicine
Dennis, Robert, School of Medicine
November 2011
Implanted Bioreactor to Direct Development of Engineered Cartilage in Mice

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

Veit, Lindsay, School of Medicine
April 2010
Exploring the Impact of Hydroxyurea Treatment on Osteonecrosis of the Femoral Head in Patients with Sickle Cell Disease
$2K Awards cont.

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

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

**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

**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

**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

**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

**Wise, Nicholas**, School of Medicine  
June 2016  
The effects of Cranial Laser Reflex Technique (CLRT) on hamstring flexibility and strength: a pilot study

**Wunnava, Manoj**, February 2015  
Tracking outcomes in pain patients using personal fitness devices
$2K Awards cont.

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

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

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

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

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

Coyne-Beasley, Tamara, School of Medicine
May 2009
Human Papilloma Virus Vaccine: How to Potentiate Vaccination and Acceptance among Young Men
$10K Awards cont.

**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
May 2009
Using fMRI to Aid Drug Discovery in Autism

**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

**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
$10K Awards cont.

**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
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 Hematopoletic 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

**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
$10K Awards cont.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**Neumann, Aaron**, School of Medicine
February 2011
Functional Genomics and Proteomics to Understand Fungipod Formation

**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
$10K Awards cont.

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 Country Memorial Hospital

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

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

Segal, Richard, School of Medicine
Heather Walker, School of Medicine
June 2011
Operant Conditioning of Tibialis Anterior H-Reflexes in Patients Post-Stroke

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
$10K Awards cont.

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 Hemophiliac Arthopathy 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
$5-50K Awards cont.

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

**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

**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**, 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

**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

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

**Branca, Rosa Tamara**, College of Arts & Sciences
April 2014
Detection of human brown fat mass and temperature by hyperpolarized xenon gas MRI
$5-50K Awards cont.

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

Carpenter, Delesha, Eshelman School of Pharmacy
Sleath, Betsy, Eshelman School of Pharmacy
March 2012
Testing the Feasibility of Using ENLaCE to Enroll Latino
Children into a RCT using MEDUCATION
to Improve Asthma Medication Device Technique

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

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

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

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

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

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

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

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

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

Freburger, Janet, Sheps Center for Health Services
Research
April 2014
Enhancing Stakeholder Engagement in
End-stage Renal Disease Research
$5-50K Awards cont.

**Freytes, Donald**, School of Medicine
August 2016
Derivation of an Autologous Testing Platform Using Donor-Matched Pluripotent Stem Cells and Bioengineered Muscle Tissues

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

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

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

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

**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

**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

**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

**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.

**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

**Layton, J. Bradley**, Gillings School of Global Public Health  
**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

**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

**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

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

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

**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

**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

**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
**$5-50K Awards cont.**

**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

**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

**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

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

**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

**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

**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

**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
$5-50K Awards cont.

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

**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-α 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

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

**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

**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

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

**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  
September 2014  
Dynamic MRI of tPA-induced Peri-infract Spreading Depolarizations: Outcome Correlates and Potential Therapy

**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

**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

**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

**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

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

**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

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

**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

**Vora, Neeta**, School of Medicine  
April 2014  
A Window Into Fetal Genetic Mutations by Whole Exome Sequencing

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

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

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

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

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

**Wheeler, Anne**, School of Education / RTI International  
**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

**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
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)

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

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

Yap, Pew-Thian, School of Medicine
April 2014
Rapid High-Resolution Diffusion MR Imaging of Brain Microstructure

Yi, Xiang, Eshelman School of Pharmacy
April 2014
Treating Rett Syndrome with Intranasal BDNF Analogs

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

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

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 Perihematomal Inflammation in Intracerebral Hemorrhage with TC-HMPAO Labeled Leukocytes

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

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

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

Boetigger, Charlotte, College of Arts & Sciences
November 2009
Neurocognitive Predictors of Naltrexone Response
$50K Awards cont.

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

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

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

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

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

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

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

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

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

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

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

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

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

Elbogen, Eric, School of Medicine
November 2010
Medical and Mental Health Needs of Military Service Members and Families Receiving Care at UNC Hospitals

Egan, Thomas, School of Medicine
November 2009
Innate Immune Inhibition in a New Rat Lung Transplant Survival Model Using Non-Heart-Beating Donors

Esther, Charles, School of Medicine
November 2010
Exhaled Breath Condensate Biomarkers in Preschool Children

Fan, Zheng (Jane), School of Medicine
June 2011
Automated Atlas-Based Muscle MRI Quantification in Duchenne Muscular Dystrophy Patients

Frazier-Bowers, Sylvia, School of Dentistry
April 2009
Determining a Genotype-Phenotype Correlation in Ectodermal Dysplasias and Non-Syndromic Tooth Agenesis
$50K Awards cont.

**Frelinger, Jeffrey**, School of Medicine  
April 2009  
Transfer of Type 1 Diabetes to Humanized Mice

**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

**Napavnik, Sonia**, School of Medicine
April 2009
Investigation of Cardiovascular Disease Outcomes Among Patients with HIV

**Noah, Terry**, School of Medicine
June 2010
Pilot Study of the Association Between Substance P and ALI/ARDS in Burn Patients

**Otey, Carol**, School of Medicine
March 2010
Identifying Serum Markers of Pancreas Cancer Using Metabolomics

**Parise, Leslie**, School of Medicine
April 2009
Relationship of Multicellular Aggregates to Clinical Status of Patients with Sickle Cell Disease

**Patterson, Cam**, School of Medicine
November 2009
Familial Mitral Valve Prolapse Study

**Pedersen, Cort**, School of Medicine
November 2009
Oxytocin Treatment of Alcohol Withdrawal

**Philpot, Benjamin**, School of Medicine
June 2010
A Small Molecule Approach for Treating Autism Spectrum Disorders
**$50K Awards cont.**

**Piven, Joseph**, School of Medicine  
February 2011  
Autism in Older Adults: A Pilot, Descriptive Study

**Redding-Lallinger, Rupa**, School of Medicine  
March 2010  
The Role of the Vitamin D Receptor and Vitamin D Deficiency in Children and Adults with Sickle Cell Disease – Phase I

**Ringel, Yehuda**, School of Medicine  
March 2010  
Food Sensitivity, Gastrointestinal Symptoms and Food-Specific IgG4 Antibody Titers in Patients with Irritable Bowel Syndrome – A Pilot Study

**Riordan, John**, School of Medicine  
June 2011  
Development of a Screening Assay for Small Molecules Stabilizing Mutant CFTR in Cystic Fibrosis

**Roth, Heidi**, School of Medicine  
November 2009  
Development of a Kinetographic Mattress for Home Measurement of Insomnia

**Sawicki, Gregory**, School of Medicine  
June 2010  
Robotic Ankle Exoskeletons to Restore Gait Symmetry Post-Stroke

**Schoenfisch, Mark**, College of Arts & Sciences  
June 2010  
Evaluating Nitric Oxide’s Role as a Sepsis Biomarker

**Shores, Carol**, School of Medicine  
March 2010  
Comorbid Infections and Cancer in Malawi

**Siderovski, David**, School of Medicine  
**Tarrant, Teresa**, School of Medicine  
June 2011  
Validating GPSM3 as a Key Regulator of Monocyte-driven Inflammation in Rheumatoid Arthritis

**Su, Maureen**, School of Medicine  
June 2010  
Mapping the Autoimmunity Defect in Turner Syndrome

**Tarrant, Robert**, School of Medicine  
April 2009  
Chloride Secretion and Early Onset COPD

**Tarrant, Teresa**, School of Medicine  
April 2009  
Targeted Kinase Inhibition of GRK3 as a Novel Immunosuppressant Strategy for Inflammation and Transplantation

**Thomas, Rusty**, The Hamner Institutes for Health Sciences

**Watkins, Paul**, Gillings School of Global Public Health; Eshelman School of Pharmacy  
April 2009  
Liver Derived mRNA in Plasma During Drug Induced Liver Injury in Rats and Man

**Verbiest, Sarah**, School of Medicine  
**Berry, Diane**, School of Nursing  
November 2010  
Reducing the Risk of Chronic Disease: A Group-Based Weight Loss Program for Postpartum Mothers

**Vilen, Barbara**, School of Medicine  
March 2010  
Human B Cell Tolerance and its Dysregulation in Systemic Lupus Erythematosus

**Wang, Xiaodong**, Eshelman School of Pharmacy  
March 2010  
Developing Small Molecule Inhibitors of IKKε and/or TBK1 for Cancer Treatment

**Watkins, Paul**, Gillings School of Global Public Health; Eshelman School of Pharmacy  
**Su, Lishan**, School of Medicine  
November 2009  
Investigating Idiosyncratic Drug-Induced Liver Injury With a Novel Mouse Model

**Williams, Sharon**, School of Medicine  
April 2009  
A Tri-Racial Examination of Family Caregivers of Stroke Survivors

**Yuan, Hong**, School of Medicine  
November 2009  
Imaging Brain Tumor Hypoxia Using (64)Cu-ATSM Positron Emission Tomography

**Zhang, Yi**, School of Medicine  
April 2009  
Generation and Characterization of Patient Specific IPS Cells for Beta-Cell Replacement Therapy for Type 1 Diabetes
Zhou, Otto, College of Arts & Sciences
April 2009
Nanotechnology Enabled Compact Microbeam Radiation Therapy System for Cancer Treatment and Research

PLANNING GRANT AWARD WINNERS

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

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

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

DRUGS, DEVICES & DIAGNOSTICS DEVELOPMENT (4D)

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

Ko, Ching-Chang, School of Dentistry
Fjeld, Jon, Duke University
December 2010
Ironwood Material Science
Dayton, Paul, School of Medicine
Yun, Yeoheung, North Carolina A&T State University
January 2015
Ultrasonically-Activatable Contrast Agents for Early Detection and Treatment of Pancreatic Cancer

Desai, Salil, North Carolina A&T State University
Chang, Sha, School of Medicine
April 2015
Design and Manufacturing of High Precision Recyclable Radiation Modulation Devices for Radiation Therapy

Dorsey, Kathleen, Gillings School of Global Public Health
Thomas, Nancy, School of Medicine
May 2016
Advanced Development Of A Methylation-based Diagnostic Test For Melanoma

Grego, Sonia, RTI International
Yun, Yeoheung, North Carolina A&T State University
January 2015
Stretchable MicroElectrode Array for In Vitro Cardiotoxicity Screening

Gu, Zhen, School of Medicine
Buse, John, School of Medicine
January 2016
Development of Microneedle-Array Patch for Fast Glucose-Responsive Insulin Delivery

Harris, Danni, RTI International
Moy, Sheryl, School of Medicine
January 2015
Novel Autism Therapeutics

Hingtgen, Shawn, Eshelman School of Pharmacy
September 2014
Neural Stem Cell Mediated Brain Tumor Therapy: Increased Efficacy with Electrospun Nanofiber Scaffolds

Kabanov, Alexander, Eshelman School of Pharmacy
Tropsha, Alexander, Eshelman School of Pharmacy
September 2014
delAQUA – Computer-Assisted Drug Solubilization Platform

Knight, O'Rese, School of Medicine
Hubbard, Devin, School of Medicine
Ziebarth, Noel, University of Miami
September 2016
Design of Atomic Force Microscopy Based Intraocular Pressure Assessment Instruments: Phase I

Kreda, Silvia, School of Medicine
Navarro, Hernan, RTI International
September 2014
Mucin Secretion Inhibitors for Lung Disease Therapeutics

Lawrence, David, Eshelman School of Pharmacy
Tarrant, Teresa, School of Medicine
April 2015
A New Technology for the Targeted Delivery of Anti-Inflammatory Agents

Liu, Jian, Eshelman School of Pharmacy
Thakur, Sheetal, RTI International
September 2014
Pharmacological and Toxicological Analysis of Synthetic Low-Molecular Weight Heparin in Primates

Liu, Rihe, Eshelman School of Pharmacy
August 2015
Integrative immunotherapeutic platform for simultaneous targeting cancer cells and activating T cells

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

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
DISSEMINATION & IMPLEMENTATION (D&I) SCIENCE AWARDS

**Armato, 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

**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
**White, Rebekah**, 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

**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
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 Carolinians Healthy Lifestyles Learning Cluster: Translating Data & Research into Action

Zolotor, Adam, School of Medicine
February 2010
Community Partners: Adolescent Pregnancy Prevention Campaign of North Carolina (APPCNC)
Social Support for Pregnant and Parenting Teens Using Internet and Cell Technology

TRANSLATIONAL TEAM SCIENCE AWARDS (TTSA)

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

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 2016
Prevention of Cornea Graft Rejection using AAV Gene Therapy

Dellon, Evan, School of Medicine
Kulis, Michael, School of Medicine
Vickery, Brian, School of Medicine
April 2015
Application of a novel allergen-specific immune signature-directed approach to dietary elimination 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

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

Gordon-Larsen, Penny, Gillings School of Global Public Health
April 2015
Transition to a Western Diet and Cardiometabolic Risk: Biomarkers Derived from the Microbiome

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 2016
Profiling the kinome 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

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

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

Tully, Kristin, Gillings School of Global Public Health
August 2016
The Design and Development of Infant Side-Car Bassinets for the Postnatal Unit

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

Chung, Arlene, School of Medicine, UNC Chapel Hill
Wagner, Lynne, School of Medicine, Wake Forest University
LeBlanc, Tom, School of Medicine, Duke University
May 2016
Harmonization of Patient-Reported Outcomes Across Three CTSAs: Leveraging EHRs to Enable Comparative Effectiveness Research to Improve the Quality of Cancer Care

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

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

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

2K STAKEHOLDER ENGAGEMENT VOUCHER

Bryant, Amy, School of Medicine
July 2016
Breastfeeding and Hormonal Contraception in the Postpartum Period: Supporting patient-centered counseling

Simpson, Ross, School of Medicine
May 2016
Medically Isolated Adults’ Perceptions of Health Behavior and Access to Healthcare

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

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

Dellon, Evan, UNC School of Medicine
Blikslager, Anthony, College of Veterinary Medicine, NC State University
December 2016
A novel steroid-eluting esophageal ring for treatment of eosinophilic esophagitis

Gallippi, Caterina, UNC School of Medicine
Jiang, Xiaoning, College of Engineering, NC State University
December 2016
eVisR Ultrasound Assessment of Dystrophic Muscle Degeneration in Boys with Duchenne Muscular Dystrophy Using a Custom Row-Column Transducer Array

Gulati, Ajay, UNC School of Medicine
Theriot, Casey, College of Veterinary Medicine, NC State University
December 2016
Shifts in the Gastrointestinal Microbiome and Metabolome in response to Fecal Microbiota Transplantation
EMERGING CHALLENGES IN BIOMEDICAL RESEARCH (ECBR)

Asokan, Aravind, School of Medicine
April 2017
Aquaporin Gene Therapy for AD

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