

# UNC Research Interests and Upcoming Projects

Faculty	Areas of Interest
<u>Evan Ashkin</u> (Chapel Hill)	<b>Project: NC FIT (Formerly Incarcerated Transition)</b> The NC FIT Program assists people coming out of incarceration with their reentry and with obtaining essential health services. A research assistant is needed to help with chart abstraction for follow up of utilization as well as data input that tracks activities of the Community Health Workers (CHWs). You would work closely with the Program Manager for the FIT Program Hannah Baker, MPH. There would also be opportunities to shadow CHWs working with clients and occasionally shadow Dr. Ashkin see FIT Program clients at the Chapel Hill Piedmont Services Clinic.
<u>Janalynn Beste</u> (Wilmington)	<b>Project: IMPLICIT (Interventions to Minimize Preterm and Low birthweight Infants through Continuous Improvement Techniques)</b> <b>Description:</b> This is a model of Interconception Care embedded into well-child checks that screen mothers for depression, multivitamin use, tobacco use and pregnancy intendedness at every well child check from birth to age 24 months. This summer research project would involve tracking smoking rates and interventions, depression screening and follow up as well as the effectiveness of our “dyad” visits at 1 month – where mother and baby are seen together for a post-partum visit and 1 month well child check.
<u>Adam Goldstein</u> (Chapel Hill)	<b>Project: Tobacco Cessation</b> <b>Description:</b> Study the effects of graphic tobacco warnings to reduce young adults tobacco use.
<u>Kelly Bossenbroek-Fedoriw</u> (Chapel Hill)	<b>Project:</b> Exploring and evaluating the group medical visit model in the treatment of opioid use disorder. <b>Description:</b> We have been holding group medical visits for patients with opioid use disorder since [REDACTED] progress. This project is flexible and can accommodate [REDACTED]. The student would work with Dr. Bossenbroek Fedoriw to determine the scope of the project, but it could include program evaluation, or a specific intervention with our patient groups.
<u>Tommy Koonce</u> (Chapel Hill)	<b>Project: Evaluating a Novel Interprofessional Education Intervention</b> <b>Description:</b> In the Fall of 2019, the UNC SOM partnered with the schools of Pharmacy and Nursing to promote inter professional education. This project will involve a series of individual and group reflective exercises.
<u>Tommy Koonce</u> (Chapel Hill)	<b>Project: Evaluating Population Health/Chronic Care Management Interventions at the Family Medicine Center</b> <b>Description:</b> The Family Medicine Center has expanded its population to include telephone outreach to patients. This project suggests improvement in emergency department utilization and hospital readmission rates.

	<p>This project aims to evaluate those interventions to describe their success and potential portability to other settings. Upon completion, likely scholarly products include a poster presentation at the national meeting of the Society of Teachers of Family Medicine focused on Quality Improvement as well as possible publication in appropriate Family Medicine and health management journals.</p>
<u><a href="#">Tommy Koonce</a></u> (Chapel Hill)	<p><b>Project: Assessing the Impact of early undergraduate exposure to the medical school curriculum</b></p> <p><b>Description:</b> For several years the UNC school of Medicine Patient Centered Care course has offered an opportunity for undergraduates to ‘audit’ a portion of the medical school curriculum by participating in the <del>Introduction to Family Medicine for Undergraduates (ICMU)</del> <del>Medicine for</del> <del>has not been</del> <b>FULL- NO LONGER IN NEED OF STUDENT</b></p> <p>This project will allow the student to better understand the impact of participation in this course. This summer position will expose the student to research skills including survey design and possible focus group implementation and analysis. Upon completion, likely scholarly products include a poster presentation at the national meeting of the Society of Teachers of Family Medicine and AAMC as well as possible publication in appropriate medical education journals.</p>
<u><a href="#">Knoll</a></u> (MAHEC)	<p><b>Project: Preconception/Interconception Health or Early Childhood Development</b></p> <p><b>Duties:</b> literature review work, IRB application development, and/or creating/evaluating quality improvement PDSA cycles.</p> <p><b>Good fit:</b> Interest in women and children’s health, quality improvement</p>
<u><a href="#">Mallory McClester Brown</a></u> (Chapel Hill)	<p><b>Project: Assessing the needs of rural North Carolina Communities</b></p> <p><b>Description:</b> UNC Family Medicine has recently expanded the resident program to two additional rural sites (Piedmont Health Services in Siler City and Prospect Hill). This summer research project would involve looking more closely at the demographics of each community and county. An assessment of factors which may impact the members of the community’s health (access to food, employment, healthcare availability, socioeconomic status) will be complete and presented to providers in both clinical settings.</p>
<u><a href="#">Brad Wright &amp; Rick Moore</a></u>	<p><b>Project: Hepatitis C Treatment in Primary Care</b></p> <p><b>Duties:</b> Assist faculty with evaluation of a training program targeting family medicine residents and attendings.</p>
<u><a href="#">Brad Wright</a></u>	<p><b>Project: Medicare-Medicaid Dual-eligible Point of Care and its' connection to avoidable in-patient admissions.</b></p> <p><b>Duties:</b> Assist with literature review, manuscript preparation, and data analysis.</p>

## Family Medicine Research Division

<u><a href="#">Gary Asher</a></u>	<p>Dr. Asher's research focuses on the use of Complementary and Alternative Medicine for chronic conditions such as hypertension and cancer, with a primary focus on the pharmacokinetics and pharmacodynamics of botanical agents. He has been involved in several acupuncture studies, as well as systematic reviews of acupuncture for pain and non-pharmacologic treatments for depression. He is currently leading clinical and translational trials of curcumin for prevention and treatment of colorectal cancer.</p>
<u><a href="#">Sylvia Becker-Dreps</a></u>	<p>Her research focuses on childhood diarrhea and the evaluation of vaccine effectiveness. She has evaluated the impact of rotavirus immunization programs in Nicaragua and the US and is currently conducting studies to understand why rotavirus vaccines have lower effectiveness in low-income settings. She has also evaluated the impact of pneumococcal immunization programs in Nicaragua.</p>
<u><a href="#">Stephen Bogdewic</a></u>	<p>Dr. Bogdewic has a PhD in Adult Education and Organizational Development. His areas of interest include behavioral health, stress management, family systems, veterans health.</p>
<u><a href="#">Tim Daaleman</a></u>	<p>Dr. Daaleman's areas of interest include care of medically vulnerable populations and chronic illness care; social and cultural influences on chronic illness and end-of-life care including religion and spirituality, and; aging and the life course.</p>

<b><u>Justin Byron</u></b>	Dr. Byron uses behavioral science to learn how to improve health communication to support health policies in the US and abroad. He focuses on tobacco control and is currently examining public perceptions of a very low nicotine content cigarette policy and how to prepare healthcare providers for this policy.
<b><u>Katrina Donahue</u></b>	Dr. Donahue's research interests include primary care practice redesign, chronic disease and prevention, health behavior change and collaboration among public health and primary care. She is co-director of the North Carolina Network Consortium (a practice-based research meta-network), and is Vice Chair for Research in Family Medicine.
<b><u>Chineme Enyioha</u></b>	Dr. Enyioha's research focuses on health disparities, decision science, and examining factors that affect patient engagement with the healthcare system, especially with chronic disease management.
<b><u>Erin Fraher</u></b>	Dr. Fraher's research focuses on workforce development and maldistribution of healthcare professionals, including understanding the flexible use of workers in new models of care; developing data and methodologies to project how many health workers will be needed under different future scenarios; and using life course theory to better understand health professionals' career trajectories.
<b><u>Adam Goldstein</u></b>	Dr. Goldstein conducts research on health policy related to tobacco regulatory science, patient-centered tobacco cessation, disparities in tobacco use, health communication and behavior change, and gun violence prevention.
<b><u>Jacquie Halladay</u></b>	Dr. Halladay's research interests include working in ambulatory practices and health care systems with investigative and clinical teams who collectively aim to enhance care delivery and outcomes for patients with chronic conditions, specifically cardiovascular disease, asthma, and tobacco use. She has a particular interest in understanding the practice level costs of participating in various quality improvement and practice transformation activities. She is the Co-Director of the North Carolina Network Consortium (NCNC), a statewide Practice Based Research Network ( <a href="http://www.ncnc.unc.edu">www.ncnc.unc.edu</a> )
<b><u>Kistler</u></b>	Dr. Kistler's area of interest is decision-making around the care of older adults, particularly the appropriateness of their care. Her research has focused primarily on preventive services such as cancer screening and tobacco cessation, and around infection control.
<b><u>Pathman</u></b>	Dr. Pathman's work centers on research and evaluation of organization, state and federal programs and policies that affect the work and lives of physicians and other healthcare practitioners, and on how these, in turn, affect access and quality of patient care and clinicians' careers. Specific areas of research have been in the effects on clinicians of organization personnel policies, clinical guideline dissemination, provider satisfaction under various employment configurations and work controls, rural health professional distribution, medical education, access to care, health disparities, and community medicine
<b><u>Porterfield</u></b>	Dr. Porterfield conducts public health systems research and public health program evaluations through RTI International. Her areas of interest are chronic disease public health practice, in particular, diabetes prevention; performance measurement in public health practice; and integration between health care and public health.
<b><u>Ranney</u></b>	Dr. Ranney has a strong interest in prevention and health promotion research to promote healthy lifestyles and prevent chronic disease. She is also interested in regulatory science research, in particular how regulating the manufacture, distribution and marketing of tobacco products can protect the public.
<b><u>Shoenbill</u></b>	Dr. Shoenbill's primary research interests include secondary use of EHR data, natural language processing, and machine learning to inform and improve quality of care and patient outcomes.
<b><u>Sloane</u></b>	Dr. Sloane's research interests include institutional and community-based long- term care, management of Alzheimer's disease and related dementias, medical care of older persons, medical symptoms, and translational research.
<b><u>Brad Wright</u></b>	Dr. Wright's research focuses on understanding the causes and consequences of disparities in health care delivery, with an emphasis on publicly insured populations (i.e., Medicare and Medicaid), primary care, and emergency medicine. He is one of the nation's leading experts on both federally qualified health centers and hospital observation stays. His additional research interests include health politics and policy, health reform, and patient and public involvement in health care.

**Zolotor**

Dr. Zolotor's areas of interest include child abuse epidemiology and prevention. He currently serves as the co-PI of the largest evaluation of a shaken baby prevention program ever conducted. He is currently developing a cell phone based parenting program initially for adolescent parents. The program will include informational videos, nurse case management (phone, text, and email), online and text based peer support, screening and referral for high-risk conditions (such as depression).

**Learn more about primary care research and exciting success stories at:**

North Carolina Network Consortium <http://ncnc.unc.edu/>

UNC Family Med Research <http://www.med.unc.edu/fammed/research>