

## Summer 2018

### Tamera Coyne-Beasley accepts position at the University of Alabama-Birmingham



Tamera Coyne-Beasley has accepted positions at [UAB](#) where she will be:

- Division Director of Adolescent Medicine
- Vice-Chair of Pediatrics for Community Engagement
- Associate in Dean's Office for Global Health

- Distinguished Endowed Chair in [Adolescent Medicine](#)
- Professor of Pediatrics and Internal Medicine

We congratulate her on her new position and wish her well with her continuing work to improve the health of adolescents around the world. As the Founding Director of the North Carolina Child Health Research Network (NC CHRN), she will remain an Associate Director with NC CHRN and NCNC.

### Michelle Hernandez, MD joins NCNC

Michelle Hernandez is an Associate Professor of Pediatrics and Associate Division Chief of Allergy &



Immunology at UNC Chapel Hill. In her research role, she serves as the Associate Director at the [UNC Center for Environmental Medicine, Asthma, and Lung Biology](#). Her research focuses on designing safe and pragmatic interventions to mitigate complications from exposure

to environmental triggers of asthma exacerbations and testing wearable personal environmental and health monitors to be used for both research and clinical purposes.

To accomplish this work, she leads and collaborates with other basic and clinical investigators both at UNC and other university systems, and the [US Environmental Protection Agency](#). Her focus on translational research and clinical excellence garnered her the [American Academy of Allergy, Asthma, and Immunology's](#) Gail G. Shapiro Clinical Faculty Award. In 2016 the Department of Pediatrics awarded her the Excellence in Teaching & Mentoring of Fellows Award. She also coordinates the Department of Pediatrics annual Day of Scholarship, highlighting research accomplishments of graduate students and post-doctoral fellows in her department.

### Monitor Trial makes the top 20 AAFP Papers for Primary Care Physicians.



Katrina Donahue's Monitor trial placed among the [AAFP's Top 20 Research Studies for Primary Care Physicians](#).



"The goal of the review process is to identify POEMs: patient-oriented evidence that matters. A POEM must report patient-oriented

outcomes, such as improvement in symptoms, morbidity, or mortality; be free of important methodologic bias; and recommend a change in

practice for many physicians. Adopting valid POEMs in clinical practice could therefore result in improved patient outcomes."

"(this) well-designed U.S. randomized trial confirmed what had been previously observed in a number of European studies: routine self-monitoring in patients with type 2 diabetes who are not taking insulin does not improve any clinical outcomes. Patients should have a glucometer and can use it when they are sick or symptomatic from diabetes, but routine use is not needed."

## Paper selected as featured article on the June issue of the Journal of Personalized Medicine



In the [Heart Healthy Lenoir](#) trial we aimed to better understand which patients may benefit from practice and community based interventions to improve in blood pressure control among African Americans and Caucasian Adults with hypertension. As part of that work, specifically where

we combined the genetic data with the patient data, we identified a unique genetic single nucleotide polymorphism (SNP) that associated with responsiveness to our intervention.

This exciting finding and paper was published in the June 2018 issue of the Journal of Personalized Medicine and was selected as the featured article. As part of that the lead authors were asked to design the journal cover – see below! See Dr. Halladay’s and Dr. Schisler’s art work (and paper at <http://www.mdpi.com/2075-4426/8/2>).

## Atrium Health PCORI Grant for Dissemination and Implementation of a Shared Decision Making Intervention for Patients with Asthma in the Emergency Department



Atrium Health

Teammates at Atrium Health from Family Medicine

and Emergency Medicine Research, led by Dr. Hazel Tapp, have been approved for a \$488,000 funding award by the Patient-Centered Outcomes Research Institute (PCORI) to disseminate and implement research findings on shared decision making for patients with asthma in the emergency department.

Many patients with asthma go to the emergency room and hospital when they have an asthma problem. The team adapted the asthma shared decision program to a virtual iPad format (Asthma Coach) that patients can use. The goal of this dissemination project is to bring the Asthma Coach to the emergency department (ED) for use by children with asthma. The team will continue to identify ways to improve the Asthma Coach use in the ED based on feedback from patients, clinicians, and others involved.

The partnership between the research team, multiple patient-partners, and stakeholders from the original PCORI-funded project will continue. In addition, the team has formed partnerships with ED providers and staff, the [Asthma and Allergy Foundation of America](#) (AAFA), multiple Healthcare Systems across the southeast, local and national advocacy groups and policy advisors such as the [Mecklenburg County Asthma Coalition](#). These stakeholders will help to train ED providers and staff, assist with solving problems as we implement the health coach and promote awareness of using SDM in the ED to improve outcomes for patients

For more information about PCORI’s funding to support dissemination and implementation efforts, visit <https://www.pcori.org/DisseminationAwards>.

## NCNC Conference Presentations

NCNC researchers presented several topics at the [NAPCRG PBRN Conference](#) in Bethesda Maryland June 25-26



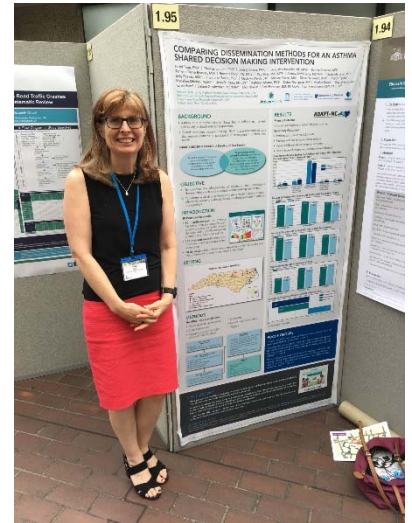
- The Consolidated Frameworks for Implementation Research to Evaluate Practice Facilitation
- Depression screening in Adolescent Athletes
- Increasing Adult immunizations in primary care practices
- Increasing the capacity of PBRNS to study substance use disorders in primary care
- Meta-PBRN Infrastructure and the role of the PBRN Coordinator
- Patient influence factors associated with attendance at post stroke service visits.



- Practice level factors associated with engagement with practice facilitators
- Impact of eHR alerts on screening for HIV in primary care within a large healthcare system.

NCNC research was presented by Hazel Tapp at the [47th Annual Scientific Meeting of the Society for Academic Primary Care](#) in London July 10-12

- Facilitator led implementation of a shared decision making intervention improves asthma outcomes in primary care



## Acknowledging our supporters:

NCNC would like to thank UNC's [Cecil G. Sheps Center for Health Services Research](#) and the [NC Translational and Clinical Sciences Institute](#) for all they do that make our work possible.

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