

## *Participating Organizations*

University of North Texas Health Science Center (UNTHSC), Cook Children's (CCHCS: Cook Children's Health care Systems; CCMC: Cook Children's Medical Center) and Child Study Center (CSC).

## *Key Personnel & Contributors*

**W. Paul Bowman, MD**, Professor & Chair, Department of Pediatrics, UNTHSC.

**Deep Shah, MD, MPH**, Academic Program Manager, UNTHSC.

**Don P. Wilson MD, FNLA**, Medical Director, Medical Education, CCMC.

**James D. Marshall, MD**, Chief Research Officer, Cook Children's Health Care Systems (CCHCS).

**Debra Jordan MS, CHES, CCMEP**, Director, Academic and Continuing Professional Education, CCMC.

**Tyler Hamby, PhD**, Research Project Manager, CCHCS.

**Laurie Bailey, PhD**, Manager, Research Development, CCHCS.

**Alice Hoeft, MS**, Research Project Manager, CCHCS.

**Luke Hamilton, MS**, Research Project Manager, CCHCS.

**Karen Keller, MLS**, Director, Library Services, CCHCS.

**Riyaz Basha, PhD**, Associate Professor, UNTHSC; Research Mentor, Cook Children's.

## *Overview*

The Pediatric Research Program (PRP), offered by the Department of Pediatrics, received a remarkable response for the year 2016. As many as 52 first year students showed interest to join this program. After personal interviews and considering available mentors it was not possible to accommodate all students. Attempts were made to accommodate students' interest to match the research area and mentors. PRP provided research training from 6/8/2016 to 7/8/2016 at UNTHSC, CCMC and CSC. In total, 33 students conducted research under the supervision of 23 (UNTHSC: 7; CCMC: 15; CSC: 1) mentors. Some students worked at two institutions with mentors at both locations.



**W. Paul Bowman, MD and Don Peska, DO**  
with the participants at orientation



**James Marshall, MD** welcoming the  
participants at Cook Children's

## *Orientation*

PRP students were gathered on 6/8/16 at 7:45 A.M. in LIB110 on UNTHSC campus for the orientation and the first didactic session. W. Paul Bowman, MD introduced the key persons to participants and moderated the 'Welcome & Overview' session. Dean Don Peska, DO graciously visited the session and greeted the students. Dr. Peska provided some tips to students to utilize this opportunity to gain research experience.

The students assigned to CCMC attended orientation and introduction to tools used for the collection and storage of research data. At CCMC, participants were greeted and welcomed by James Marshall, MD, Don P. Wilson, MD and Ms. Debra Jordan. Dr. Marshall emphasized the importance of research in clinical practice. Dr. Wilson has described the research topics, information about mentors and the program guidelines. Ms. Jordan provided instructions to comply with the policies/procedures at CCMC. Dr. Bailey demonstrated required systems/software used to collect and store data at CCMC. Ms. Liz Richards gave the tour of the facilities/departments to PRP students assigned to CCHC.



**Don P. Wilson, MD in a didactic session**

### ***Didactic Lectures***

As part of PRP program, students also attended lectures on various topics in five (weekly) didactic sessions.

- i) Research Design and Protocol Development (Presenter: Laurie Bailey, PhD).
- ii) Acting with Integrity (Presenter: Karen Keller, MLS).
- iii) Medical Records Review and Case Study (Presenter: Don P. Wilson, MD).
- iv) Introduction to Data Analysis and Interpretation (Presenter: Tyler Hamby, PhD).
- v) Tips for Presentations & Publications; (Presenter: Riyaz Basha, PhD); Next Steps (Presenter: Deep Shah, MD, MPH).

These presentations were recorded and shared with all participants for benefiting PRP students (including absentees for the sessions). Intermediate reports were collected from the students and they are currently working on their final reports. Mid-term survey was obtained after the completion of the second week using i-clickers. It was helpful to identify potential pitfalls and intervene to address the concerns of the participants.

### ***Mid-term Survey***

Majority of students (28 out of 31) were very satisfied with their mentors' contributions in helping them achieve their research goals. Most of the students were very satisfied with accessibility to their faculty mentors (28 out of 31) and project managers (all students). Almost all of the students were satisfied with clarity and practicality of program requirements (29 out of 31) and found the didactic sessions beneficial (25 out of 30).

### ***Student Presentations***

Students will present their research projects during September through November and will receive participation certificates when they present their work. \*: Students working with more than one mentor.

### ***List of Mentors & Students (\*: Students worked with two mentors)***

1. Riyaz Basha, PhD (UNTHSC & CCMC)
  - a. Matt Wise\*
2. Lisa Bashore, PhD, APRN, CPNP-PC, CPON (CCMC)
  - a. Hailie Bell\*
  - b. Zahra Merchant\*
3. W. Paul Bowman, MD (UNTHSC & CCMC)
  - a. Hailie Bell\*
  - b. Landry Dorsett
  - c. Zahra Merchant\*
  - d. Julia Vickery
4. Meredith Brooks, MD (CCMC)
  - a. Lauren Lyssy
5. Priya Bui, DO (UNTHSC)
  - a. Michelle Moses

6. Shane Fernando, PhD (UNTHSC)
  - a. Chloe Regalado\*
  - b. Kristina Pham\*
7. Candace Gamble, MD (CCMC)
  - a. Ali Schildt (Texas A&M)
8. Javier Gelvez, MD (CCMC)
  - a. Tesneem Issa\*
  - b. Julian Nguyen\*
9. Robert Gillespie, MD (CCMC)
  - a. Brenda Ma
  - b. Akanksha Verma
10. Nusrath Habiba, MD (UNTHSC)
  - a. Amritpaul Chatrath
11. Andros Lacko, PhD (UNTHSC)
  - a. Anshumaan Maharaj
12. Katie Lawrence, CPNP (CCMC)
  - a. The (Ted) Dang
  - b. Kimberly Farias
13. James Kuo, MD (CCMC)
  - a. Maham Munawar
14. Warren Marks, MD (CCMC)
  - a. Christopher Durand
15. Matthew Mayfield, MD (CCMC)
  - a. James Meiling
16. Joyce Mauk, MD (CSC)
  - a. Chloe Regalado\*
  - b. Kristina Pham\*
17. Steve Muyskens, MD (CCMC)
  - a. Keegan Olmstead
18. Scott Perry, MD (CCMC)
  - a. Mark Shell
  - b. Diana Song
19. Amy Raines-Milenkov, DrPh (UNTHSC)
  - a. Brittany Calder
20. Anish Ray, MD (CCMC)
  - a. Justin Haloot\*
  - b. Mahdi Kaheri\*
21. JoAnn Welch, MD (CCMC)
  - a. Alexandra Reed
  - b. Samantha Severson
22. Lorraine Williams, PharmD (CCMC)
  - a. Tesneem Issa\*
  - b. Julian Nguyen\*
23. Don P. Wilson, MD (CCMC)
  - a. Sam Ahn
  - b. Todd Jarvis
  - c. Reema Patel
  - d. Jenna Walls