

## **PEDIATRIC RESEARCH PROGRAM 2016**

### **Participating Organizations**

University of North Texas Health Science Center (UNTHSC) and Cook Children's (CCPN: Cook Children' Physician Network; CCHCS: Cook Children's Health Care Systems).

### **Key Personnel & Contributors**

**W. Paul Bowman, MD**, Professor & Chair, Department of Pediatrics, UNTHSC; Hematology/Oncology, CCPN.

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

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

**James D. Marshall, MD**, Chief Research Officer, CCHCS.

**Debra Jordan MS, CHES, CCMEP**, Director, Academic and Continuing Professional Education, Cook Children's.

**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, Cook Children's.

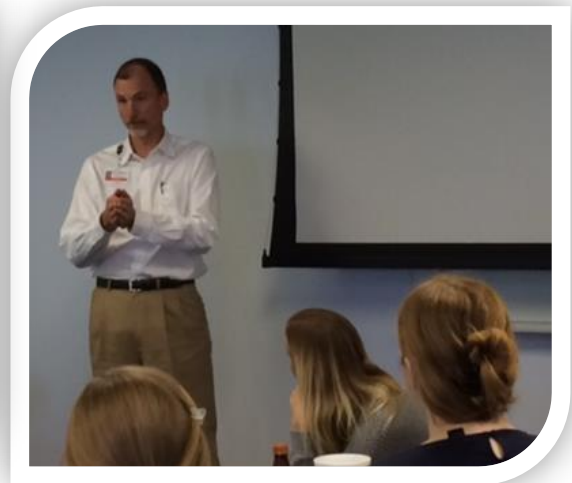
**Riyaz Basha, PhD**, Associate Professor, UNTHSC; Research Mentor, Cook Children's.

### **Overview**

The first year students from the Texas College of Osteopathic Medicine, UNT Health Science Center have participated in the Pediatric Research Program at Cook Children's during the summer from 6/8/2016 to 7/8/2016. In total 28 students (UNTHSC: 27; Texas A&M: 1) attended this program at Cook Children's. Attempts were made to accommodate students' interest to match the research area and mentors.



**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. Dean Dr. Peska provided some tips to students to utilize this opportunity to gain research experience.



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

At noon, students attended the orientation at Cook Children's and introduction to tools used for the collection and storage of research data. Participants were 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 Cook Children's. Dr. Bailey demonstrated required systems/software used to collect and store the data. Ms. Liz Richards gave the tour of the facilities/departments.

## **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 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 and project managers. Almost all of the students were satisfied with clarity and practicality of program requirements and found the didactic sessions beneficial.

## **Student Presentations**

Students will present their research projects during September through November and will receive participation certificates when they present their work.

## **List of CCPN Mentors & Students**

**(\*: Student from Texas A&M; \*\*: Students worked with two mentors)**

1. **W. Paul Bowman, MD**
  - a. Hailie Bell
  - b. Landry Dorsett
  - c. Zahra Merchant
  - d. Julia Vickery
2. **Meredith Brooks, MD**
  - a. Lauren Lyssy

3. Candace Gamble, MD
  - a. Ali Schildt\*
4. Javier Gelvez, MD
  - a. Tesneem Issa\*\*
  - b. Julian Nguyen\*\*
5. Robert Gillespie, MD
  - a. Brenda Ma
  - b. Akanksha Verma
6. Katie Lawrence, CPNP
  - a. The (Ted) Dang
  - b. Kimberly Farias
7. James Kuo, MD
  - a. Maham Munawar
8. Warren Marks, MD
  - a. Christopher Durand
9. Matthew Mayfield, MD
  - a. James Meiling
10. Steve Muyskens, MD
  - a. Keegan Olmstead
11. Scott Perry, MD
  - a. Mark Shell
  - b. Diana Song
12. Anish Ray, MD
  - a. Justin Haloot
  - b. Mahdi Kaheri
13. JoAnn Welch, MD
  - a. Alexandra Reed
  - b. Samantha Severson
14. Lorrainea Williams, PharmD
  - a. Tesneem Issa\*\*
  - b. Julian Nguyen\*\*
15. Don P. Wilson, MD
  - a. Sam Ahn
  - b. Todd Jarvis
  - c. Reema Patel
  - d. Jenna Walls