

# Department of Pediatrics Summer 2019



EAST TENNESSEE STATE  
UNIVERSITY

Department of Pediatrics

# News from the Chair

Dawn Tuell, MD | Interim Chair & Residency  
Program Director

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## A Message From the Chair!

Greetings! This morning I felt the first cool, crisp air ushering us into the fall season. I hope everyone had an opportunity to enjoy the longer days of summer, bright sunshine, and kids being home from school. As we move forward into another season, I wanted to take a chance to reflect on the busy summer we had in the department. We added 8 new faculty to our ranks. We now have 2 pediatric critical care physicians: Drs. Josh Henry and Riwaaj Lamsal, 4 new pediatric hospitalists: Drs. Aimee Barton, Rachel Lindsey, Lexie Selzer and Lauren Swift. We added our fourth neonatologist, Dr. Brittnea Adcock and our second pediatric gastroenterologist, Dr. Ligia Alfaro. We welcomed 7 new interns to the residency program and 3 new staff to our administrative office. Please join me in welcoming our newest colleagues.

As change continues to occur, we held firm to some traditions also. We hosted our 35<sup>th</sup> annual pediatric conference in August with wonderful speakers and a research poster competition. We held our second alumni reception and had the joy of seeing old friends and honoring two of them, Drs. Lisa Piercey and Jessica Tuberty with Distinguished Alumni Awards. We would love to stay in touch this fall through our CME activities such as Project ECHO and Grand Rounds. Please visit our website for more details. I hope everyone takes some time to enjoy the beautiful fall season and to be thankful for our many blessings. Go Bucs!

**-Dawn Tuell, MD**



**Heather Champney,  
MD, FAAP**

Congrats on being featured in the *Obesity Medicine Member Newsletter* on September 3rd, 2019!

# ANNOUNCEMENTS

## Faculty, Staff & Residents



**Kiana Johnson, PhD, MEd, MPH**

Please welcome Kennedy-Clarence Johnson into the world! Isn't he absolutely adorable?



**Amy Parker, MD | PGY-2**

Welcome into the world, Wyatt Parker!  
What a little cutie!



Our Research Services Manager, **Katie Duvall**, began taking classes this summer so she can assist faculty with data analysis. She completed Biostatistics this summer and is currently taking Epidemiology. In those classes, she's learning statistical logic and elementary techniques of statistical analysis as applied to health, as well as elementary epidemiology, probability, sampling and tests of significance. She's excited to work with you to grow her knowledge base, so stop by her office or send her an email at [duvall@etsu.edu](mailto:duvall@etsu.edu) if you've got a project with which you'd like assistance.

**Drs. Gayatri Jaishankar** and **Matthew Tolliver** presented at *Meeting Moms Where They Are: Northeast Tennessee Maternal Health Forum*, on August 26, 2019. Very exciting!

Congratulations to **Dr. Karen Schetzina** on winning the *2019 F. Edwards Rushton CATCH Award*! Named in honor of Francis Edwards Rushton, Sr, MD, FAAP, the founder of CATCH, this award recognizes pediatricians who have advanced the medical home and children's access to health care and other needed services through a CATCH project.



# ANNOUNCEMENTS

## Faculty, Staff & Residents



Victor Smith, MD  
Chief Resident  
PGY-3



DEPARTMENT of PEDIATRICS  
Quillen College of Medicine  
EAST TENNESSEE STATE UNIVERSITY

Pediatric Residents  
2019-2020



Kayla Wienczkowski, MD  
Chief Resident  
PGY-3



Brittany Anibal, DO  
PGY-3



Amanda Gutwein, DO  
PGY-3



Cristian Quizhpi, MD  
PGY-3



Katherine Silva, MD  
PGY-3



Justin Widner, DO  
PGY-3



Candelaria Deimundo  
Roura, MD  
PGY-2



Travis Johnson, MD  
PGY-2



Sarah Nichols, DO  
PGY-2



Amy Parker, MD  
PGY-2



Amanda Shoubaki, DO  
PGY-2



Sukhvir Singh, DO  
PGY-2



Meredith St. Clair, DO  
PGY-2



Nathan Beasley, MD  
PGY-1



Ianna Blanchard, MD  
PGY-1



Leanna Hollander, DO  
PGY-1



Natasha Khan, MD  
PGY-1



Pooja Kumar, MD  
PGY-1



Ishita Patel, MD  
PGY-1



Leslie Thompson, MD  
PGY-1



## Hello 2019-2020 Pediatric Residents!

**Victor Smith, MD**  
Chief Resident  
PGY-3

**Amy Parker, MD**  
PGY-2

**Kayla  
Wienczkowski, MD**  
Chief Resident  
PGY-3

**Amanda Shoubaki,  
DO**  
PGY-2

**Brittany Anibal,  
DO**  
PGY-3

**Sukhvir Singh, DO**  
PGY-2

**Amanda Gutwein,  
DO**  
PGY-3

**Meredith St. Clair,  
DO**  
PGY-2

**Cristian Quizhpi,  
MD**  
PGY-3

**Nathan Beasley,  
MD**  
PGY-1

**Katherine Silva,  
MD**  
PGY-3

**Ianna Blanchard,  
MD**  
PGY-1

**Justin Widner, DO**  
PGY-3

**Leanna Hollander,  
DO**  
PGY-1

**Candelaria  
Deimundo Roura,  
MD**  
PGY-2

**Natasha Khan, MD**  
PGY-1

**Travis Johnson,  
MD**  
PGY-2

**Pooja Kumar, MD**  
PGY-1

**Sarah Nichols, DO**  
PGY-2

**Ishita Patel, MD**  
PGY-1

**Leslie Thompson,  
MD**  
PGY-1



# News from the Quillen College of Medicine Advancement Office

The QCOM Advancement Office is pleased to announce that **Mona Salyer**, Director of Development, will be joining **Carol Sloan**, Director of Development and Alumni Relations. She comes to us from King University, where she worked for 14 years. Mona's office is located in Stanton-Gerber B231. She is excited to meet the QCOM faculty/staff/alumni. Please reach out at 423.439.7317 / [salyerrd@etsu.edu](mailto:salyerrd@etsu.edu).

As an advancement team, Carol and Mona are available to help you better understand how you can give and positively impact our students now and in the future. We want to encourage you to visit the [QCOM Giving page](#) and make your gift to the project for which you are passionate. This can be general to the college or specific to your department. You may also feel led to give to an ETSU project in another area of campus. If you don't see what you are looking for or if you have an idea, please contact us to talk about it. *Wherever* you decide to give, it will *ultimately* serve our mission, benefit our students and enhance their educational experience. Some options specific to the Pediatric Department include:

- 233200 Pediatric General Fund
- 233210 Velma Jean Byrd Gray Fund for Pediatric Diabetes
- 233220 Pediatrics Resident Books Fund
- 233230 Reach Out and Rad Fund
- 233250 Pediatric Cystic Fibrosis Signal Peptidase Project
- 233260 Ann C. Mortell and Donna Higgins Campbell Memorial Lectureship
- 284310 Robert W. Summers Memorial Endowment
- 284230 Festus Adebonojo Pediatrics Professorship Endowment
- 234330 Cheryl McLemore Memorial Pediatrics Award Endowment
- 284340 Mary L. Michal Developmental Behavioral Pediatrics Endowment

Currently, we have a **unique** opportunity for a \$25,000 match! You could easily turn your gift into a \$50,000 one and double your impact! The opportunity is offered on a first come, first serve basis, so let us know as soon as possible if you are interested. For those age 70+, IRA Charitable Rollovers must be made by December 31 for the tax benefit for 2019. This is a great way to support QCOM with your gift!

**GO BUCS!** Please join us in the QCOM tailgates this fall! Contact **Carol Sloan** with questions at [sloanc@mail.etsu.edu](mailto:sloanc@mail.etsu.edu) / 423.439.6142 or **Pat Elledge** [ELLEEDGE@mail.etsu.edu](mailto:ELLEEDGE@mail.etsu.edu) / 423.439.6316

# Publications & Presentations

## Pediatric Faculty, Staff & Residents

### College of Medicine Pediatric Outcome Measurement 2018-2019

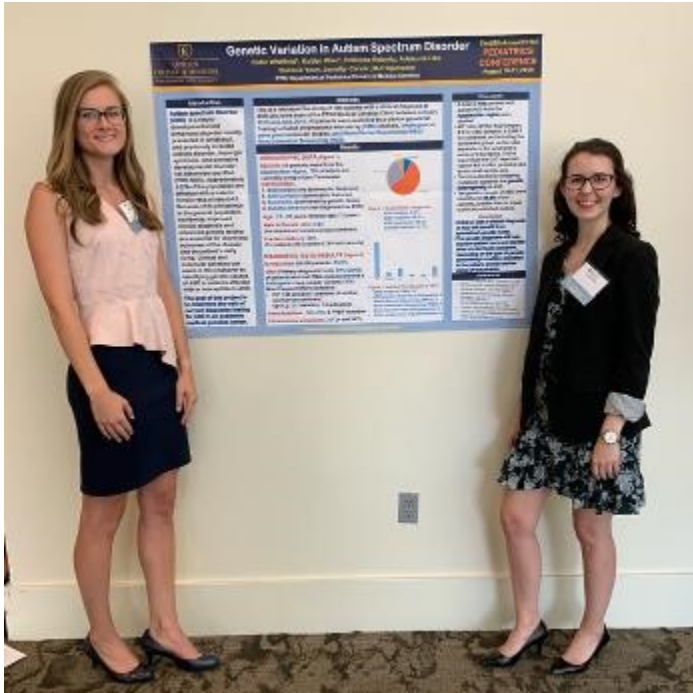
|                  | Publications     |          |          |                          | Participation in Peer Review |           | Invited Presentations | Presentations | Service   |            |
|------------------|------------------|----------|----------|--------------------------|------------------------------|-----------|-----------------------|---------------|-----------|------------|
|                  | Journal Articles |          | Books    | Book Chapters or Letters | Publications                 | Grants    |                       |               | On-Campus | Off-Campus |
|                  | Peer Reviewed    | Other    |          |                          |                              |           |                       |               |           |            |
| Faculty          | 48               |          |          | 12                       |                              | 23        | 20                    | 40            | 7         | 21         |
| Resident         | 3                |          |          | 1                        |                              | 0         | 0                     | 14            |           |            |
| Student          | 2                |          |          | 0                        |                              | 0         | 0                     | 8             |           |            |
|                  |                  |          |          |                          |                              |           |                       |               |           |            |
|                  |                  |          |          |                          |                              |           |                       |               |           |            |
| <b>Subtotals</b> | <b>53</b>        | <b>0</b> | <b>0</b> | <b>13</b>                | <b>0</b>                     | <b>23</b> |                       | <b>62</b>     | <b>7</b>  | <b>21</b>  |
|                  | <b>53</b>        |          |          |                          |                              |           | <b>20</b>             |               |           |            |
| <b>Totals</b>    | <b>66</b>        |          |          |                          | <b>23</b>                    |           | <b>20</b>             | <b>62</b>     | <b>28</b> |            |
|                  |                  |          |          |                          |                              |           | <b>1</b>              |               |           |            |

### Excerpt from 2018-2019's Scholarly Activities Report:

- ✦ **Albracht, S, Los, E, Macariola, D** (2019). Persistent Hypoglycemia in a Newborn with HHV 6. Journal of Investigative Medicine:67 350-652
- ✦ **Agarwal P, Bailey B**, Hall J, Devoe M, **Wood DL**. Factors associated with maternal drug use and the severity of Neonatal Abstinence Syndrome. International Public Health J. 2018;10(3): 265-274.
- ✦ Culen C, Konig M, Hemberger SH, Seferagic S, Talaska C, Ertl AD, Wagner G, Straub C. **Wood DL**, Hausler G, Herle M. Be on TRAQ - Cross-cultural adaptation of the Transition Readiness Assessment Questionnaire (TRAQ 5.0) and pilot-testing of the German Version (TRAQ-GV-15). Accepted European Journal of Pediatrics.
- ✦ **Bharti D, Gibson J** (2018) Zipper induced skin injury leading to methicillin sensitive Staphylococcus aureus abscess and preterm infant. Archives of Pediatrics and Neonatology, volume 1, issue 1, 2018, pp 9-12.

# Publications & Presentations

## Faculty, Staff & Residents



**Congratulations for First Place at the 35th Annual Pediatric Conference poster competition!**

**Callie Whitfield (left), Kaitlyn Wise (right), Rebecca Roberts, Adekunle Oke, Stefanie Yoon, Jennifer Carver, & MJ Hajianpour.**  
Genetic Causes of Autism Spectrum Disorders (ASD): Diagnostic Yield in an Academic Medical Genetics Center.

A research project on Autism Spectrum Disorder was awarded 1<sup>st</sup> place for best poster of the meeting. The research was a retrospective study of 106 patients with a clinical diagnosis of **ASD** who were seen at the **ETSU Medical Genetics Clinic** between **January 2016 and June 2019**. All patients were examined by the clinical geneticist, Dr. MJ Hajianpour. Medical History on some of the patients were taken by Genetics Nurse Practitioners; Stefanie Yoon and Jennifer Carver. Data entry and analysis were done by medical students (M1); Callie Whitfield, Kaitlyn Wise and Rebecca Roberts, and by MPH candidate; Oke Adekunle. Genetic Testing included **chromosomal microarray (CMA) analysis, single gene or gene panel molecular studies, and Whole Exome Sequencing (WES) / Next Generation Sequencing (NGS)**.

**MJ Hajianpour, MD, PhD**



# Previous & Upcoming Events

35th Annual ETSU Pediatric Conference  
August 10-11, 2019



Drs. Jessica Tuberty (left) Distinguished Alumni, Legacy Award and Lisa Piercey (right) Distinguished Alumni, Leadership Award.



Pictured are Drs. Thomas Yohannan (left), Rajani Anand (middle), and Ranjit Philip (right).



# Previous & Upcoming Events

## Faculty, Staff and Residents

### PROJECT ECHO

#### PEDIATRIC ENDOCRINE 7 PART SERIES

Oct. 24th - Diabetes & Obesity    Nov. 21st - Calcium & Vitamin D  
Oct. 31st - Puberty    Dec. 5th - Rare Endocrine Disorders  
Nov. 7th - Thyroid    Dec. 12th - Transgender Care  
Nov. 14th - Growth

All sessions will be held from 12:00 – 1:00 PM

### 2019-2020 ETSU PEDIATRIC GRAND ROUNDS

When: Every month on 2nd and 4th  
Wednesdays!

Location: Niswonger Children's Hospital,  
Conference Rooms 1 & 2

Time: 12-1 PM

Topics for October: 10/9/19- Dr. Benjamin England  
presents "*Pediatric Sports Injuries*"  
10/23/19- Dr. Joyce Troxler presents "*Adolescent  
Opioid Use Disorder*"

**Lunch will be provided!**

# Previous & Upcoming Events

- **The Quillen 100, A Cycling Relay at Bristol Motor Speedway**

When: Saturday, October 19th, 2019

Where: 151 Speedway Boulevard, Bristol, TN US 37620

If you are interested, please visit here:

<https://www.bikesignup.com/Race/TN/Bristol/TheQuillen100>

- **2019 Scarecrow Skedaddle!**

When: Sunday, October 27, 2019 at 2 p.m.

Where: Founders Park (Pavilion and/or Amphitheater), Johnson City, TN 37601

If you are interested, please visit here:

<http://thegoosechase.org/scarecrow-skedaddle/>



# Research

Article Highlight from the American College of Gastroenterology's annual meeting, as said by **Dr. Anjali Malkani:**

***Hepatitis A and B Seroimmunity in Vaccinated Children with Cirrhosis (Bhatt H, et al)***

“...There is a high incidence of low immune reactivity to HBV and HAV vaccination in children with cirrhosis. Reactivity seems to be lost with increasing age of the patients, with low response more common in children over 5 years of age. Low reactivity also was seen among black children. We, as clinicians, need to be cognizant to check the immunity status of children with cirrhosis, despite vaccination, and revaccinate to prevent acute decompensation with HAV or HBV. There are no recommendations as to how often these children need to be monitored for immune status...”

**-Dr. Anjali Malkani, ACG 2018: Highlights in Pediatric Research. January 2, 2019**

**For the full article, please visit here:**

<https://www.gastroendonews.com/Opinions-and-Letters/Article/12-18/Highlights-In-Pediatric-Research/53507>



# Research

## Abstract of **Drs. Stone, Bharti, Shah, and Hollinger's** new book chapter titled: *The Redoxomics of Bronchopulmonary Dysplasia*:

“Bronchopulmonary dysplasia (BPD) is a chronic inflammatory lung disease affecting all lung tissues, primarily in premature and very-low-birth-weight (VLBW) infants needing oxygen therapy. Despite many decades of therapeutic advances, BPD remains a major clinical and costly complication in premature infants. Oxidative stress, inflammation, and prematurity are major interrelated contributing factors to BPD. This chapter will focus on the systems medicine of BPD with particular emphasis on the application of redoxomics for obtaining biomarkers that could prove useful in predicting susceptibility and prognosis as well as helping to formulate personalized and precise treatment strategies. Molecular insights gained from a systems medicine/redoxomics approach could help in developing new treatment modalities. Redoxomics is a subset of “omics” focusing on the genomics, epigenomics, proteomics, and metabolomics of oxidative stress, reactive oxygen species (ROS), reactive nitrogen species (RNS), and antioxidants. There is a considerable body of evidence connecting ROS and RNS to BPD risk within the framework of “oxidative damage.” Nevertheless, it is now recognized that ROS, RNS, and antioxidants can also modulate many signal transduction pathways. This chapter will also review the gaps and opportunities in the application of systems medicine to BPD as well as practical issues such as sample acquisition, optimal assays, cost, and availability of state-of-the-art data analysis software...”

**Stone W.L., Bharti D., Shah D.S., Hollinger S. (2019) The Redoxomics of Bronchopulmonary Dysplasia. In: Chakraborti S., Chakraborti T., Das S., Chattopadhyay D. (eds) Oxidative Stress in Lung Diseases. Springer, Singapore**

To read the full chapter, please visit here:

[https://link.springer.com/chapter/10.1007%2F978-981-13-8413-4\\_14#citeas](https://link.springer.com/chapter/10.1007%2F978-981-13-8413-4_14#citeas)

# END



That's all, folks! I hope everyone has enjoyed this summer's newsletter. See you next time in the fall/winter issue!

-Tess Montana