



# Innovation Journal

Improving pediatric  
care through research

Issue 1, 2016

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Research Development Council

## Announcements

**New people on board to help on research projects:** Two PhD scientists, Drs. Riyaz Basha and Tyler Hamby are newly appointed to help coordinate and facilitate the lifecycle of investigator-initiated research projects from development of design to publication.

**CITI classroom training:** CITI Basic Biomedical Course, Sociobehavioral Course, and the related Refresher Courses will be offered in classroom sessions as an alternative to online training. For details contact: Riyaz.Basha@cookchildrens.org.

## Kudos

**GAP Funding Awarded:** Dr. Cynthia Keator's research proposal on "PERC, Pediatric Epilepsy Research Consortium" was awarded \$25,000 for 1 year through the GAP funding program.

**Research Day Poster Award:** Poster by Kendra Stubbs and Lindsay Sikes on "An Interdisciplinary Approach to Fall Prevention in a High Risk Inpatient Pediatric Population: A Quality Improvement Project," was chosen by the attendees for the People's Choice Award.

**PESTOLA conference:** Abstract on "Sirolimus Therapy in Infant with Intractable Hypoglycemia" by Cerin Daniel, Teena Thomas, Alejandro de la Torre, Lisa Truong and Paul Thornton, was selected for the 2<sup>nd</sup> place. Abstract entitled "Hyperinsulinism Secondary to Congenital Disorder of Glycosylation Type 1b" by Woongsoon Choi, Paul Thornton, Alice Basinger, James G. Coldwell, Luke Hamilton and Don P. Wilson was selected for honorable mention.

## Important Upcoming Events (March-June, 2016)

**UNTHSC Research Appreciation Day:** UNT Health Science Center is hosting its annual Research Appreciation Day on April 15, 2016. David Satcher, MD, PhD, retired US Surgeon General will deliver the keynote address. For details please visit <https://www.unthsc.edu/research/research-development-and-commercialization/funding-development/research-appreciation-day/>

**Summer Students Research:** Students from Texas College of Osteopathic Medicine, UNTHSC and Baylor College, Dallas will start their summer research under the supervision of CCMC physicians in June, 2016.

## Past Events

**CCMC Research Day:** Research Day was held on January 19<sup>th</sup>, 2016 and included participants from Cook Children's, UNT Health Science Center, Baylor and other academic and health care organizations. In total, 63 abstracts were received for presentation at the conference and 38 were accepted for the poster presentation. Authors of the top three abstracts presented a podium presentation at Grand Rounds that morning. The top three in respective order were Scott Perry, MD; Ann L. Smith, PhD; and Lisa Bashore, PhD.

**Pediatric Endocrine Society of Texas, Oklahoma, Louisiana and Arkansas (PESTOLA):** The Department of Pediatric Endocrinology and Diabetes hosted the annual PESTOLA 2016 scientific meeting from January 22 to 24th in Fort Worth, Texas. In addition to a very informative program, PESTOLA 2016 offered an opportunity for medical students, residents and fellows to give oral presentations and posters with prizes awarded for the best abstracts.

## Conferences & Scientific Gatherings

### Selected Abstracts Presented at Research Day:

*Coregistered multimodal imaging alters surgical planning and improves outcome in pediatric epilepsy surgery.* M. Scott Perry, Laurie Bailey, Daniel Freedman, Saleem Malik, Cynthia Keator, David Donahue, Hayden Head, Angel Hernandez and Daniel Freedman.

*Therapeutic Leukapheresis in management of hyperleukocytosis in children, a single institution experience.* Namisha Thapa, Charles Cole, Anish Ray and W. Paul Bowman.

*Parent/caregiver's perception of children who are overweight/obese.* Sameer Prakash, Amelia Vinson, Monica A. Ganescu, Alejandro De La Torre and Don P. Wilson.

*Residual isocyanates in medical devices and products: a qualitative and quantitative assessment.* Scott Raynaud, Gillian Franklin, Homero Harari, Samavi Ahsan, Dhimiter Bellow, David A. Sterling, Jonathan NedreLOW, Swati Biswas and Youcheng Liu.

For complete list please visit [www.cookchildrens.org/researchday](http://www.cookchildrens.org/researchday)

### Selected Abstracts Presented at PESTOLA

*Hyperinsulinism Secondary to Congenital Disorder of Glycosylation Type 1b.* Woongsoon Choi, Paul Thornton, Alice Basinger, James G. Coldwell, Luke Hamilton and Don P. Wilson.

*Two Siblings with Rare Lipid Disorder Complicated by Arrhythmias.* Mir Ali, Alejandro De La Torre, Ariel Brautbar, Luke Hamilton and Don P. Wilson.

*Severe Salt Wasting in a 16-day-old Male.* Luke Cielonko, Don P. Wilson, Luke Hamilton and Alejandro de la Torre.

*Treatment of Severe Hypercalcemia with Intravenous Bisphosphonate in Williams Syndrome.* Kari Galipp, Teena Thomas, Luke Hamilton and Don P. Wilson.

For complete list please visit [http://pestola.org/wp-content/uploads/2016/01/PESTOLA\\_Abstracts\\_Listing.pdf](http://pestola.org/wp-content/uploads/2016/01/PESTOLA_Abstracts_Listing.pdf)

## Selected Recent Publications

Hodges, S. L., Gabriel, M. T., & Perry, M. S. (2016). Neuropsychological Findings Associated with Panayiotopoulos Syndrome in Three Children. *Epilepsy & Behavior*, 54, 158-162, PMID 26709104.

Bashore, L., & Bender, J. (2016). Evaluation of the Utility of a Transition Workbook In Preparing Adolescent and Young Adult Cancer Survivors for Transition to Adult Services. *Journal of Pediatric Oncology Nursing*, 33(2), 111-118 8P, PMID 26206471.

Blackett, P. R., Wilson, D. P., & McNeal, C. J. (2015). Secondary Hypertriglyceridemia in Children and Adolescents. *Journal of Clinical Lipidology*, 9(5S), S29-S40, PMID 26343210.

Kuo, J. A. (2015). Percutaneous Device Occlusion of Hepatocardiac Venous Collateral via Left Transhepatic Access in a Patient with Heterotaxy Syndrome Following Fontan Procedure. *Catheterization and Cardiovascular Interventions: Official Journal of the Society for Cardiac Angiography & Interventions*, 85(5), E140-3. PMID 25257146

Martin, S., Martin, J., & Seigler, T. (2015). Evidence-Based Protocols to Guide Pulse Oximetry and Oxygen Weaning in Inpatient Children with Asthma and Bronchiolitis: A Pilot Project. *Journal of Pediatric Nursing*, 30(6), 888-895. PMID 2570786

## Internal Polices/Procedures:

Please visit below link to obtain Information on Investigator Initiated Projects:

<http://intranet.cookchildrens.org/departments/HealthCareSystem/rao/Investigator-Initiated%20Research/Pages/default.aspx>

CMMC employees are encouraged to send the details of their publications including research articles, reviews, case reports, book chapters, abstracts and posters to Karen Keller, Director of Library Services at [Karen.Keller@cookchildrens.org](mailto:Karen.Keller@cookchildrens.org).

For questions or to post news in the Journal, please contact Laurie Bailey, PhD, Research Development Manager ([Laurie.Bailey@cookchildrens.org](mailto:Laurie.Bailey@cookchildrens.org)); Riyaz Basha, PhD., Research Mentor ([Riyaz.Basha@cookchildrens.org](mailto:Riyaz.Basha@cookchildrens.org))