UTHSCSA DEPARTMENT OF PEDIATRICS

ANNUAL REPORT OF RESEARCH, SCHOLARLY ACTIVITY AND ACADEMIC ACCOMPLISHMENTS

2014
INTRODUCTION

On behalf of the Department of Pediatrics of the University of Texas Health Science Center at San Antonio (UTHSCSA), I am pleased to present this report of research, scholarly activity and academic accomplishments for calendar year 2014. As an academic pediatrics department, our faculty are dedicated to generating new knowledge, and committed to disseminating that knowledge to students, trainees, practicing health professionals, patients and the public. Our goals are to advance biomedical and clinical science, improve the care of the patients we serve, and positively impact the health of the community-at-large.

Our faculty is large and diverse, and the contributions included in this report are commensurate with that size and diversity. Topics range from fundamental scientific discovery to practical application. Some contributions reflect the key contribution of a single individual, while others represent the cumulative effect of a large network of collaborators. Accomplishments which include the efforts of our students, residents and other trainees are particularly well represented and reinforce our other major academic activity, education. The report includes peer-reviewed publications in some of the most widely read medical journals and faculty presentations at national and international forums.

Our academic mission is not only our job, it is our passion. It is what drives us to be at the forefront of pediatric care. We hope you will take pride in our faculty accomplishments. If I can put you in touch with one of our outstanding faculty members-for information, as a resource for patient care, or as a potential recipient of your philanthropic support-please don’t hesitate to call on me.

Thomas C. Mayes, MD, MBA

Chairman, Department of Pediatrics
**NOTES**

Items included in this report are those which occurred in calendar year 2014. The report is organized by division; reports which involve faculty members from more than one division may be listed more than once. Items were proofed in several stages with faculty input. Intramural, including curricular, presentations were omitted for the sake of brevity.

**Anthony J. Infante, MD, PhD**

Associate Chairman for Research & Academic Affairs
CHILD ABUSE PEDIATRICS

Publications


Presentations

Kellogg N. “Why didn’t you tell? Helping families and children weather the process of a sexual abuse disclosure.” Penn State's 3rd Annual Conference on Child Protection and Well-Being, May 2014

Nienow S, “Patterns of Disclosure Among Children Evaluated for Sexual Abuse,”
Ray Helfer Annual Conference, April 2014

Awards

Clarke J, 1st place in Single or Multiple Case Presentation for Fellows in the Texas Pediatric Society's Resident Section Electronic Poster Exhibit Contest, September 2014

Lukefahr J, Texas Pediatric Society Sidney R. Kaliski Award of Merit, September 2014

COMMUNITY PEDIATRICS

Publications


Presentations/abstracts


Scott A, Benavides H, Cortinas C, Hudson D, Sesay I. The PLAY Campaign: Evaluation Outcome Differences between Male and Female High-Risk Populations Receiving Evidence-Based Prevention Education-Preliminary Analysis. Poster presented at the Texas Psychological Association Conference, Dallas, TX, November 2014

Scott A, Emmerich A, Simmonds K, Benavides H, Hudson D. Predictors of Condom Usage in High-Risk Areas of Bexar County-Street Intercept Survey
Preliminary Analysis. Poster presented at the Texas Psychological Association Conference, Dallas, TX, November 2014

Riske B, **Amodei N**, Farley L. Psychometric Properties of the Center for Epidemiological Studies Depression Scale on Project Teen Reach Population. Poster presented at the Texas Psychological Association Conference, Dallas, TX, November 2014

Cortinas C, Burge S, Schneegans, SW, **Amodei N**, Williams J. SBIRT Training Improves the Documentation of Screening in Pediatric Outpatient Settings. Poster presented at the Texas Psychological Association Annual Conference, Dallas, TX, November 2014

Awards

**Amodei N** (PI) Precious, Substance Abuse and Mental Health Services Administration, Center for Substance, 09/30/2014 – 09/29/2017, $1,193,714 total

**Scott A** (PI) 01/01/2014 – 12/31/2014, **Amodei N** (PI), Biever JL (PI - Our Lady of the Lake University) PLAY Campaign, Precious, Substance Abuse and Mental Health Services Administration, Center for Substance, 09/30/2014 – 09/29/2017, $900,000 total, $557,385 subcontract to UTHSCSA

**Amodei N** (PI) Stringfellow R (PI – Center for Health Care Services), The Supports in Housing for Veteran’s Project, Substance Abuse and Mental Health Services Administration, Center for Substance, 09/30/2014 – 09/29/2017, $1,200,000 total, $209,550 to UTHSCSA

**CRITICAL CARE**

Publications


Vela, L, Kane LC, **Woodward CS**. A System’s Approach to Improving Preoperative Antibiotic Timing in Congenital Heart Surgery. *American Journal of Critical Care* 2014 May


Presentations/abstracts


**Carrillo S, Armijo-Garcia V, Froehlich C**, Paden ML. Complication-Related Outcomes in Children With Malignancy and Respiratory Failure Requiring Extracorporeal Life Support. The University of Texas Health Science Center at San Antonio. Children’s Healthcare of Atlanta/Emory University. Presented at Euro ELSO by Dr. Carrillo, in Paris, France, May 2014

Grants (new, competitive renewal)

Meyer A (PI), Morrison Trust grant award “Pro-thrombotic Blood Cell-Derived Microparticles Generated by Cardiopulmonary Bypass” $72,000

GENERAL PEDIATRICS

Publications


Presentations/abstracts


**Genetics, Developmental Pediatrics and Child Neurology**

Publications


Perry, B, **Cody JD**. Otologic characteristics of individuals with deletions of distal 18q. *The Laryngoscope* 2014 Jun 10. doi: 10.1002/lary.24769.


**HEMATOLOGY/Oncology**

**Publications**

Ranch D, Crowther BR, Arar MY, **Assanasen C**. Prophylactic eculizumab for kidney transplantation in a child with atypical hemolytic uremic syndrome due to complement factor H mutation. *Pediatric Transplantation* 2014 Sep;18(6)


Lindsey ML, Lange RA, Parsons H, Andrews TG, **Aune GJ**. The Tell-Tale Heart: Molecular and Cellular Responses to Childhood Anthracycline Exposure.
American Journal of Physiology: Heart and Circulatory Physiology 2014 Sep;  
PMID: 25217655


Zebrack BJ, Corbett V, Embry L, Aguilar C, Meeske KA, Hayes-Lattin B, Block R, Zeman DT, Cole S. Psychological distress and unsatisfied need for psychosocial support in AYA cancer patients during the first year following diagnosis. Psycho-oncology 2014 Jun 11; Epub


**Tomlinson GE.** Hepatoblastoma and Other Liver Tumors. *Nathan and Oski’s Hematology and Oncology of Infancy and Childhood*. Elsevier, St. Louis, 2014


Presentations/abstracts


**Assanasen C.** “Leukemia/Lymphoma: WBC's Behaving Badly,” 37th Annual Advances in Pediatric Hematology/Oncology, Florida Association of Pediatric Tumor Programs, Orlando, FL, October 2014 (Invited Speaker)

**Assanasen C, Garcia-Frausto E,** Morrell M. “Pancreatitis due to Mercaptopurine and Asparaginase in Acute Lymphoblastic Leukemia,” 2014 TPS Annual Meeting, Texas Pediatric Society, Chicago, IL, Winner of Resident Hypothesis Driven Research Award, September 2014

**Assanasen C.** “Atypical Hemolytic Uremic Syndrome in the Setting of PreB ALL,” American Society of Pediatric Hematology Oncology Annual Conference, ASPHO, Chicago, IL, May 2014 (Co-Presenter)

**Assanasen C.** Falcon-Cantrill M, **Thomas P, Saldivar V.** “Comparison of a Rotary Powered Bone Marrow Aspiration and Biopsy Device to the Traditional Manual Device in Children,” American Society of Pediatric Hematology Oncology Annual Conference, Chicago, IL, May 2014

**Assanasen, C.** “Ovarian Preservation in Adolescent and Young Women Undergoing Chemotherapy,” SunCoast CCOP 11th Annual Meeting, Pediatric Oncology & Medical Oncology Sections, University of Southern Florida, St. Petersburg, FL, February 2014


Grants (new, competitive renewal)

Aune, G. (PI) Preclinical Efficacy of Long-term Cardiac Protection by Dexrazoxane, Hyundai Hope Scholar Grant
Aune, G. (PI) Evaluation of the Long-term Cardiac Toxicity of Liposomal Doxorubicin, St. Baldrick’s Scholars Grant

Aune, G. (Co-I) Epidemiology of MRI-confirmed Cardiac Late Effects in Anthracycline Exposed Survivors of Childhood Cancer

Embry, L. (PI) St. Baldrick's Foundation Infrastructure Award Neurocognitive and Behavioral Assessments in a Pediatric Cooperative

Embry, L. (Co-PI) Alex’s Lemonade Stand Psychosocial/Family Impact: Neurocognitive assessments within COG: An intensive, integrated model for successfully evaluating children with high risk ALL

Langevin, AM (PI) South Texas Pediatric Community Oncology Research Program, National Cancer Institute, NIH

Tomlinson, G (Co-I) Scientific Leadership, NIH National Clinical Trials Network (NCTN)

IMMUNOLOGY & INFECTIOUS DISEASES

Publications


Presentations/abstracts


Infante, AJ. “Medical-dental interprofessional connection: making a difference,” Texas Conference on Ending Homelessness, Texas Homelessness Network, San Antonio, TX

INPATIENT PEDIATRICS

Publications


Presentations/abstracts

Rodin A, Caflisch L, Fanty L, Rosenfeld J, Foster BA. “Refugee Accompaniment Health Partnership.” Poster Presentation at the Global Health Education Symposium, October 2014


Grants (new, competitive renewal)

**Foster BA.** KL2 grant, NIH/NCATS, IIMS “Positive Deviance in Childhood Obesity.”

**NEONATOLOGY**

Publications


Presentations/abstracts


University of Texas Kenneth I. Shine Academy of Health Science Education, Austin, Texas, February 20-21, 2014.


Grants (new, competing renewal)


McGill-Vargas L. 2014 IIMS Mentored Research Career Development (KL2) Scholar in Clinical and Translational Science Award, “Hepatic Insulin Resistance in Prematurity and Mechanism for Abnormal Glucose Production.” This was the only KL2 grant awarded this year

Seidner S. Therapeutic potential of stem cells in lung injury. Subcontract from Ottawa Hospital Research Institute

Awards

Gong A. AAP Special Achievement Award for distinguished service and dedication to the mission and goals of the academy for work in the development of the Texas Pulse Oximetry Toolkit to help with implementation and statewide screening for CCHD. Presented at the Texas Pediatric Society annual meeting, Dallas, September 2014.


Nephrology

Publications
Ranch D, Crowther BR, Arar MY, Assanasen C. Prophylactic eculizumab for kidney transplantation in a child with atypical hemolytic uremic syndrome due to complement factor H mutation. Pediatric Transplantation 2014 Sep;18(6)

Presentations/abstracts


PULMONOLOGY

Publications


Rayas MS, Willey-Courand DB, Lynch JL, Guajardo JR. Improved Screening for Cystic Fibrosis-Related Diabetes by an Integrated Care Team Using an Algorithm. Pediatric Pulmonology 2014 Jan

Presentations/abstracts


Grants (new, competing renewal)

Willey-Courand DB. Cystic Fibrosis Center Grant-$38,500

Willey-Courand DB. DSHS/CSHCN Case Management Grant-$133,753

Willey-Courand DB 09/2012-Present CGM vs SMGB, For the Detection of Hyperglycemia During a CCF Hospitalization-Done in conjunction with Suki Rayas
**Willey-Courand DB** 01/2012-01/2021 Protocol CCFC-OB-11, A Long Term Prospective Observational Safety Study of the Incidence of and Risk Factors for Fibrosing

**Willey-Courand DB** Colonopathy in US Patients with CF Treated with Pancreatic Enzyme Replacement Therapy: A Harmonized Protocol Across Sponsors

Awards

Denver S was awarded her Doctorate this December and will receive her diploma formally this coming spring.

**REGIONAL ACADEMIC HEALTH CENTER**

Publications


Griffin M. Kennedy EC. Central American refugee children. AAP Section on International Child Health Newsletter, August 2014;6-7.

Presentations/abstracts


Awards

Griffin M. Recognized as one of 30 “Clinicians Making a Difference” by the Migrant Clinicians Network, a national non-profit organization.

**RESIDENCY PROGRAM**

Egbulefu D, Loria H, Arredondo A, Arar Y. Winners, Jacobi Jug academic competition, Texas Pediatrics Society annual meeting, Dallas TX
CROSS APPOINTED FACULTY

DEPARTMENT OF EMERGENCY MEDICINE

Publications