



MOC Part 4 Home Medication Adherence Applicant Information

University of Texas Health Science Center at San Antonio
Aaron Sugalski, DO
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(Refer to application Q.A) Summary of Current Quality Improvement Efforts in Division:

1. Acute Management Plannin- Febrile Neutropenia and Sickle Cell Vaso-Occlusive Crisis We recently moved our clinical activities to a new hospital system and realized prior to moving that we needed to have a plan for Emergency Department visits for our most sick patients. We reviewed the treatment algorithms in place at our previous institution and documented two key areas for outcomes improvement in this population; Time to antibiotics for Fever/Neutropenia oncology patients and Time to analgesia for sickle cell vaso-occlusive crisis. We utilized QI methods (clinical practice improvements, PDSA cycles, systems thinking, quantitative data analysis, process flow charts, and fishbone diagrams) to analyze our current situation and to create meaningful interventions for improvement. Our most recent data analysis shows an improvement in average time to antibiotics from 137 minutes to 75 minutes (slightly greater than national standards of

(Refer to application Q.B) Specific Information Regarding a Recent Quality Improvement Project:

1. NACHRI/CHA CLABSI Prevention Projec National collaborative group aimed at reducing central line associated bloodstream infections in hospitalized and outpatient children. Project Aim - Reduce number of inpatient CLABSI per 1,000 central line days
Outcome measurements - I do not have access to the information regarding specific numbers for our previous institution but I know that we reduced the number of CLABSI's in our inpatient population by at least 50%. 2. Reducing CMV Negative Transfusions in Pediatric Hematology/Oncology Patients We noticed that almost every Pediatric Hem/Onc patient was receiving actual CMV negative packed red blood cells (PRBC) for transfusion instead of "CMV safe" products. Investigations into our patient population revealed that only about 30% of patients should be receiving CMV negative PRBC. Project Aim - To decrease by 50% the number of un-necessary CMV negative red blood cell transfusions in Pediatric Hematology/Oncology patients over a 90 day period. Outcomes measured Reduction of CMV negative transfusion rate from 80% of patients to 35% of patients after only 3 months of interventions. We continue to maintain these numbers almost three years after the initial interventions.

(Refer to application Q.C) Quality Improvement Experience of the Local Leader:

Dr. Sugalski is very excited for the opportunity to participate in this ASPHO sponsored project and to utilize his Quality Improvement skills to lead a project that will effect change in the treatment of this vulnerable population. His experience in Quality Improvement began in March 2012 when he enrolled in the local Clinical Safety and Effectiveness Course. This is a University of Texas system wide course concentrating on quality improvement and patient safety techniques and their utilization in the clinical setting. The course is taken over 64 hours in a six month period and each participant must co-lead a QI project culminating in an oral presentation at the end of the course. His project during this course was the CMV negative transfusion project. After completing this course he became a leader in QI within the University of Texas Health Science Center at San Antonio

Pediatric Hem/Onc division and served as the physician lead for each of the projects described in this application. Through his role as the local lead physician for the NACHRI/CHA CLABSI project he developed skills necessary to participate in a multi-institution collaborative project as well as one that involves MOC credit documentation. In serving as the physician lead on the local projects he was active in the project development, data analysis, creation and implementation of the interventions and has helped to bring a new culture of continuous quality improvement to our division. He has had the opportunity to mentor nurses, Pediatric Residents, and Pediatric Hematology/Oncology Fellows through their involvement with these projects. He serves on the University of Texas Health Science Center at San Antonio (UTHSCSA) Quality Improvement/Patient Safety Committee and is also a member of the COG Cancer Care Delivery Research (CCDR) Steering Committee.

(Refer to application Q.D) Composition of the Quality Improvement Team:

Our team is a multi-disciplinary team composed of physicians, nurses, nurse practitioners and fellows and include the following people. Aaron Sugalski, DO (Assistant Professor); Allison Grimes, MD, MSCI (Assistant Professor); Terri Boyce, PNP; Hayley York, RN, BSN; Kristi George, MD (Pediatric Hem/Onc Fellow)

(Refer to application Q.E) Average Number of Discharges each Week:

b) 5-8

(Refer to application Q.F) Number of Physicians at Practice:

b) 4-10

(Refer to application Q.G) Number of Physicians and Non Physicians Participating in Project:

3

CURRICULUM VITAE

Aaron Jon Sugalski DO

GENERAL INFORMATION

PERSONAL DATA:

Date of Preparation: 09/28//2015

Address: Pediatric Hematology/Oncology
7703 Floyd Curl Drive; MC 7810
San Antonio, TX 78229

Phone Number: 210-567-7483

Fax Number: 210-567-7466

Email Address: sugalski@uthscsa.edu

EDUCATION:

| <u>Year</u> | <u>Degree</u> | <u>Discipline</u> | <u>Institution/Location</u> |
|-------------|---------------|---|--|
| 2006 | DO | Medicine | Kirksville College of Osteopathic Medicine, Kirksville, MO, USA |
| 1999 | BS | Biomedical Sciences, Minor in Business | Texas A&M University, College Station, TX, USA |

TRAINING:

Fellowship

| <u>Year</u> | <u>Discipline</u> | <u>Institution/Location</u> |
|-------------|----------------------------------|--|
| 2009-2012 | Pediatric Hematology/Oncology | University of Texas Health Science Center, San Antonio, TX, USA |

Residency

| <u>Year</u> | <u>Discipline</u> | <u>Institution/Location</u> |
|-------------|-------------------|--|
| 2006-2009 | Pediatrics | University of Texas Health Science Center, San |

Antonio, TX, USA

ACADEMIC APPOINTMENTS:

07/2012 - Present Assistant Professor University of Texas Health Science Center, Department of Pediatrics, San Antonio, TX

Details: Clinical, Non-Tenured; Division of Hematology/Oncology

NON-ACADEMIC APPOINTMENTS:

07/2013 - Present Synthesis Case small group facilitator University of Texas Health Science Center at San Antonio, San Antonio, TX

Details: I will serve as a clinical facilitator for small group case based learning for second year medical students on a weekly basis. This appointment will last for the complete academic year.

07/2009 - 06/2012 Fellow Children's Hospital of San Antonio, San Antonio, TX

07/2006 - 06/2009 Resident Children's Hospital of San Antonio, San Antonio, TX

09/2000 - 08/2002 Certified Cytogenetic Technician DYNAgene, Houston, TX

06/1999 - 08/2000 Substitute Teacher College Station Independent School District, College Station, TX

CERTIFICATION AND LICENSURE:

Board Certification

| <u>Description/Agency</u> | <u>Status</u> | <u>Date Acquired</u> | <u>Number</u> | <u>Expiration</u> |
|--|----------------------|-----------------------------|----------------------|--------------------------|
| Pediatric Hematology-Oncology - American Board of Pediatrics | Certified | 04/2013 | 2739 | 12/2020 |
| Pediatrics - American Board of Pediatrics | Certified | 10/2009 | 96173 | 12/2016 |

License to Practice

| <u>Description/Agency</u> | <u>Status</u> | <u>Date Acquired</u> | <u>Number</u> | <u>Expiration</u> |
|--|---------------|--------------------------|---------------|-------------------|
| Medicine - Texas State Board of Medical Examiners | Certified | 12/2008 | N1909 | 08/2017 |

Other

| <u>Description/Agency</u> | <u>Status</u> | <u>Date Acquired</u> | <u>Number</u> | <u>Expiration</u> |
|---|---------------|--------------------------|---------------|-------------------|
| CPR/Basic Life Support - American Heart Association | Certified | 06/2013 | n/a | 06/2017 |
| PALS/Pediatric Advanced Life Support - American Heart Association | Certified | 07/2011 | n/a | 07/2017 |
| Controlled Substance Registration Certificate - US Dept of Justice Drug Enforcement Administration | Certified | 06/2009 | FS1429364 | 02/2018 |
| Texas Controlled Substances Registration Certificate - Texas Department of Public Safety | Certified | 05/2009 | 80165078 | 02/2018 |

HONORS AND AWARDS:

06/2012 Cancer Prevention & Research Institute of Texas (CPRIT): Cancer Research Training
Grant Recipient; Awarded 06/2010 - 06/2012

06/2006 R. Anton Lester III, DO Award: Awarded 06/2003 - 06/2006

06/2006 Sparks Osteopathic Foundation Scholarship: Awarded 06/2003 - 06/2006

06/2006 Sigma Sigma Phi Honor and Service Society Member: Awarded 11/2002 - 06/2006

PROFESSIONAL DEVELOPMENT:

Clinical

| <u>Date</u> | <u>Description</u> | <u>C.E.</u> <u>Units/Hours</u> |
|-------------------------|---|-----------------------------------|
| 05/06/2015 - 05/09/2015 | American Society of Pediatric Hematology/Oncology Annual Meeting, Attended annual educational meeting; Also presented poster in QI section. | 19.00 / 19.00 |
| 10/15/2014 - 10/16/2014 | Shared visions-Improving systems to improve lives, San Antonio, TX | 0.00 / 0.00 |
| 05/14/2014 - 05/17/2014 | American Society of Pediatric Hematology/Oncology Annual Meeting, attended meeting in Chicago, IL | 14.00 / 14.00 |
| 05/09/2014 | Pediatric Research Day, attended pediatric research day | 0.00 / 0.00 |
| 02/28/2014 - 03/01/2014 | Texas Adolescent and Young Adult Oncology Conference, attended conference | 4.00 / 4.00 |
| 04/24/2013 - 04/28/2013 | American Society of Pediatric Hematology/Oncology Conference, Attended conference in Miami, FL | 9.50 / 16.00 |
| 02/07/2013 - 02/10/2013 | American Society of Pediatric Hematology/Oncology Board Review Course | 24.00 / 24.00 |
| 09/20/2012 - 09/21/2012 | Hemophagocytic Lymphohistiocytosis (HLH) Boot Camp Conference, This was a conference for Pediatric Hematology-Oncology providers who treat patients with this very interesting disease HLH. It took place at Cincinnati Children's Hospital, the international experts for this disease. | 0.00 / 14.00 |
| 05/09/2012 - 05/12/2012 | American Society of Pediatric Hematology/Oncology Annual Meeting, New Orleans, LA | 0.00 / 18.00 |
| 03/02/2012 - 03/03/2012 | Texas Adolescent and Young Adult Oncology Conference, San Antonio, TX | 0.00 / 10.00 |
| 03/01/2012 - 09/14/2012 | Clinical Safety and Effectiveness Course Cohort 11, This is a UT system wide course concentrating on quality improvement and patient safety. The course is eight days for eight hours each day over a six month period. Participants complete and present results from a quality improvement project that is done over the six month course. The course curriculum teaches quality improvement techniques, patient safety, streamlining of procedures, team work and the development of tools to utilize in the clinical setting. | 0.00 / 64.00 |
| 04/13/2011 - 04/16/2011 | American Society of Pediatric Hematology/Oncology Conference, Baltimore, MD; Poster Presentation | 0.00 / 18.00 |
| 10/01/2010 - 10/02/2010 | Texas Adolescent and Young Adult Oncology Conference, San Antonio, TX | 0.00 / 10.00 |
| 04/07/2010 - 04/10/2010 | American Society of Pediatric Hematology/Oncology Conference, Montreal, Canada | 0.00 / 16.00 |
| 02/01/2010 - 02/12/2010 | Introduction to Clinical Investigation Course, 50 hours of education, University of Texas Health Science Center at San Antonio; Department of Epidemiology & Biostatistics | 0.00 / 50.00 |
| 07/15/2009 | Journal Club, monthly attendance and participation, one hour per session, University of Texas Health Science Center at San Antonio; Pediatric Hematology/Oncology | 0.00 / 30.00 |
| 07/01/2006 | Pediatric Grand Rounds, bimonthly attendance, one hour per | 0.00 / 120.0 |

session, University of Texas Health Science Center at San Antonio

Research

| <u>Date</u> | <u>Description</u> | <u>C.E. Units/Hours</u> |
|-------------------------|---|-------------------------|
| 04/14/2015 - 04/17/2015 | Children's Oncology Group Spring Meeting, Attending research meeting and discussed multiple CCDD projects. | 15.00 / 15.00 |
| 09/17/2014 - 09/20/2014 | Children's Oncology Group Fall Meeting, Attended the International meeting to discuss results from clinical trials and plan future research trials. | 15.00 / 15.00 |
| 10/24/2012 - 10/26/2012 | Cancer Prevention and Research Institute of Texas (CPRIT) Innovations, Attended conference in Austin, TX. | 0.00 / 16.00 |
| 05/04/2012 | Pediatric Research Day, University of Texas Health Science Center at San Antonio; Oral Presentation | 0.00 / 6.00 |
| 11/16/2011 - 11/18/2011 | Cancer Prevention and Research Institute of Texas (CPRIT) Innovations, Austin, TX; Poster Presentation | 0.00 / 16.00 |
| 09/13/2011 - 09/17/2011 | Children's Oncology Group Fall Meeting, Atlanta, GA; Poster Presentation | 0.00 / 18.00 |
| 05/06/2011 | Pediatric Research Day, University of Texas Health Science Center at San Antonio; Poster Presentation – Second Place Award | 0.00 / 6.00 |
| 09/21/2010 - 09/26/2010 | Children's Oncology Group Fall Meeting, Dallas, TX | 0.00 / 18.00 |
| 02/25/2010 - 02/26/2010 | Genetics and Biology of Childhood Cancer 2010 Symposium, Greehey Children's Cancer Research Institute; University of Texas Health Science Center at San Antonio | 0.00 / 8.00 |

TEACHING

COURSE BASED TEACHING:

| <u>Date</u> | <u>Course Name</u> | <u>Level</u> | <u>Role</u> |
|-------------------|--|--------------|-------------|
| 02/2015 - 02/2015 | CIRC6013 Musculoskeletal & Dermatology | Graduate | Lecturer |

Lectured on Pediatric Musculoskeletal Tumors (Benign and Malignant)

| | | | |
|-------------------|--|----------|------------------|
| 02/2014 - 02/2014 | CIRC6013 Musculoskeletal & Dermatology | Graduate | Clinical Faculty |
|-------------------|--|----------|------------------|

Pediatric Musculoskeletal Malignancies lecture to MS2 students

07/2013 - Present CIRC5011 Circulation Graduate Clinical Faculty

I was the clinical synthesis case facilitator for MS1 students from July 2013-May 2014 spanning many modules and the clinical synthesis case facilitator for MS2 students from June 2014-April 2015.

OTHER TEACHING:

Group Instruction

| <u>Date</u> | <u>Description</u> | <u>Institution</u> | <u># Students</u> |
|--------------------|---|--|--------------------------|
| 06/2013 - Present | UTHSCSA sarcoma tumor board <i>Pediatric Faculty participant in tumor board</i> | UTHSCSA | 10 |
| 07/2012 - Present | Board Review in Pediatric Hematology- Oncology <i>Discussed Board Review Curriculum for Pediatric Hematology-Oncology Fellows (advanced level learners). Discussions involved case based learning and questions following board study ABP content specifications.</i> | UTHSCSA | 3 |
| 07/2010 - Present | Pediatrics Hematology/Oncology Noon Conference Lecture Series <i>2010-2011 - 1 lecture; Bone and Soft Tissue Sarcomas; 13 sessions. 2011-2012 - 1 lecture; Pediatric Anemia; 13 sessions. 2012-2015 - 2 lectures; Abdominal Tumors and Bone and Soft Tissue Sarcomas; 13 sessions each year.</i> | University of Texas Health Science Center @ San Antonio | 6 |
| 07/2009 - Present | Pediatric Hematology/Oncology Tumor Board <i>Various topics presented on at least 30 different occasions</i> | University of Texas Health Science Center at San Antonio | 25 |
| 07/2009 - Present | Pediatric Hematology-Oncology Journal Club | UTHSCSA | 10 |

Attended monthly sessions regularly. Presented journal articles twice a year.

Pre-Doctoral Student Supervision

| <u>Date</u> | <u>Description</u> | <u>Institution</u> | <u># Students</u> |
|--------------------|--|---------------------------|--------------------------|
| 07/2014 - 06/2015 | Clinical Preceptor <i>Provide clinical shadowing opportunities for medical students interested in Pediatrics.</i> | UTHSCSA/UHS | 4 |
| 07/2014 - Present | Longitudinal Clinical Preceptor <i>Provide longitudinal clinical experience for one medical student during all four years of their education.</i> | UTHSCSA/UHS | 1 |
| 07/2013 - 06/2014 | Clinical supervision <i>Served as a clinical preceptor for first year medical students who were interested in Pediatrics.</i> | UTHSCSA | 4 |

Rotation Student Supervision

| <u>Date</u> | <u>Description</u> | <u>Institution</u> | <u># Students</u> |
|--------------------|---|--|--------------------------|
| 06/2012 - 06/2012 | Joint Admission Medical Program Summer Internship <i>Served as mentor to pre-med students (total 36 hours)</i> | University of Texas Health Science Center at San Antonio | 2 |
| 06/2010 - 06/2010 | Joint Admission Medical Program Summer Internship <i>Served as mentor to pre-med students (total of 36 hours)</i> | University of Texas Health Science Center at San Antonio | 2 |
| 06/2009 - 06/2009 | Joint Admission Medical Program Summer Internship <i>Served as mentor to pre-med students (total of 36 hours)</i> | University of Texas Health Science Center at San Antonio | 2 |

Undergraduate Student Supervision

| <u>Date</u> | <u>Description</u> | <u>Institution</u> | <u># Students</u> |
|--------------------|---|---------------------------|--------------------------|
| 06/2014 - 05/2015 | Clinical Supervision <i>Served as clinical mentor for undergraduate students interested in medicine as a career.</i> | UTHSCSA/UHS | 3 |
| 06/2013 - 05/2014 | Clinical supervision <i>Served as a clinical preceptor for pre-med students.</i> | UTHSCSA | 3 |

RESEARCH

EXPERTISE: **Solid Tumors**

PROJECTS:

Clinical Research

- 06/2013- Present Pediatric Translational Working Group, A small group of clinical and research faculty are currently discussing expanding the current Phase One study program utilized in adults to the pediatric population at UTHSCSA.
- 03/2012- 01/2013 Decreasing CMV Negative Blood Product Transfusions, This was a quality improvement project aimed at decreasing the unnecessary use of CMV negative blood product transfusions in the pediatric hematology/oncology population. This project ended in January of 2013 due to loss of blood bank staff and inability to continue obtaining data from Children's Hospital of San Antonio.
- 07/2010- Present Osteosarcoma Patient Outcomes, Characterization of osteosarcoma in children, adolescents, and young adults from South Texas: A 12 year experience.
Research supervision by Anne-Marie Langevin, MD; UTHSCSA

Collaborative Research

- 01/2015- Present Improving chemotherapy timing, Multidisciplinary group with goal of improving on time delivery of chemotherapy in a safe manner.
- 08/2014- Present Prevention of CLABSI Working Group, Working group at UH comprised of multidisciplinary members with goal of decreasing blood stream infections in our hospital. We meet monthly and are currently tracking infections.

05/2014- University Hospital Emergency Room Pediatric Initiatives, Developing QI metrics for ER
Present processes to include time to antibiotics and time to opioids.

10/2009- Children's Hospital Association CLABSI Prevention Project, National collaborative group
06/2014 aimed at reducing central catheter line associated blood stream infections in hospitalized
and outpatient children.

Other

06/2013- Pediatric Resident Hem/Onc Curriculum, Development of curriculum for pediatric hem/onc
Present residents

Research Projects

07/2010- Pediatric Hematology/Oncology Fellowship, Investigation into the expression of the
06/2012 ubiquitin carboxyl-terminal hydrolase L1 (UCH-L1) enzyme in cancer stem cells of
osteosarcoma and neuroblastoma and its relationship to patient prognosis and outcome.
Research supervision by Jaclyn Y. Hung, PhD; UTHSCSA

07/2007- Pediatric Residency Elective in Research, Single nucleotide polymorphisms in the Insulin
06/2008 Growth Factor II gene: determination of its role in Wilms Tumor development and
progression. Research supervision by Gail E. Tomlinson, MD, PhD; UTHSCSA

PUBLICATIONS: (indicates Peer Reviewed)**

Journal Article

- * 1. Sugalski AJ, Jiwani, A, Williams, RP, Heim-Hall JM, Hung JY, Langevin AR.
Characterization of osteosarcoma in children, adolescents, and young adults from
South Texas: A 10 year experience. Journal of Pediatric Hematology/Oncology 2013
Dec
- * 2. Sugalski AJ, Davis M, Prasannan L, Saldivar VA, Hung JY, Tomlinson GE.
Mesothelioma in a Seven-Year Old Child: Clinical, Histologic and Genetic Features.
Pediatric Blood and Cancer 2013 Jan;60(1):146-148.

PRESENTATIONS:

05/2015 Febrile Neutropenia and Sickle Cell Vaso-Occlusive Crisis Acute Management Planning,
American Society of Pediatric Hematology/Oncology Annual Meeting, Quality Improvement,
American Society of Pediatric Hematology/Oncology, Phoenix, AZ (Co-Presenter)

Details: Co-Presenter and Senior Author of poster presented at national meeting.

05/2015 Febrile Neutropenia and Sickle Cell Vaso-Occlusive Crisis Acute Management Planning,

UTHSCSA Pediatrics Research Day, Hematology/Oncology, UTHSCSA, San Antonio, TX (Co-Author)

Details: *Co-Author of poster presented at Pediatric Research Day. Poster presented by Allison Grimes, MD and won second Prize.*

04/2015 Febrile Neutropenia and Sickle Cell Vaso-Occlusive Crisis Acute Management Planning, Passport 2015: Journey Through Research, Quality Improvement, and Patient Safety, Quality Improvement, UTHSCSA, San Antonio, TX (Co-Author)

Details: *Senior author of poster presented at local conference. Allison Grimes presented poster and was awarded second prize.*

10/2014 What's in an Oma- and other solid tumors?, Advances in Pediatric Hematology/Oncology, Pediatric Oncology, Florida Association of Pediatric Tumor Programs, Orlando, FL (Invited Speaker)

Details: *Invited speaker to present on advances in solid tumor treatment.*

10/2014 Febrile Neutropenia and Sickle Cell Vaso-Occlusive Crisis Acute Management Planning, Shared Visions; Improving visions to improving lives, University of Texas System Quality Improvement and Patient Safety, University of Texas System Quality Improvement and Patient Safety, San Antonio, TX (Co-Author)

Details: *Senior author on oral presentation and poster presentation.*

05/2014 Treatment of osteosarcoma without methotrexate in a 13-year-old male with Down syndrome, American Society of Pediatric Hematology/Oncology Annual Meeting, osteosarcoma, UTHSCSA, Chicago, IL (Co-Author)

Details: *Senior author on poster presented at national conference*

05/2014 TREATMENT OF AGGRESSIVE ABDOMINAL CARCINOMA OF UNKOWN PRIMARY IN PEDIATRIC PATIENT, American Society of Pediatric Hematology/Oncology Annual Meeting, solid tumor, UTHSCSA, Chicago, IL (Co-Author)

Details: *senior author on poster presented at national conference*

11/2012 Cost-Effective Consideration of CMV Status When Ordering Blood Products: A Clinical Efficacy and Safety Project, Pediatric Grand Rounds, University of Texas Health Science Center, San Antonio, TX (Co-Presenter)

Details: *Co-Presented Quality Improvement project with Melissa Frei-Jones, MD.*

10/2012 Characterization of osteosarcoma in children, adolescents, and young adults from South Texas: A 10 year experience (POSTER), Cancer Prevention and Research Institute of Texas (CPRIT) Innovations in Cancer Prevention and Research Conference, Austin, TX (Sole Presenter)

09/2012 Reducing CMV Negative Blood Transfusion in Pediatric Hematology-Oncology, The University of Texas System Clinical Safety and Effectiveness Conference, Building the Bridge: Maintaining

Quality in the Face of Change, University of Texas Health Science Center, San Antonio, TX
(Co-Presenter)

Details: *Oral Presentation and Poster Presentation. Co-Author Melissa Frei-Jones, MD.*

06/2012 Pediatric Anemia, American Pediatric Hematology/Oncology Nursing Review Course, CPON, San Antonio, TX (Invited Speaker)

Details: *Presented 90 minute lecture as part of board review course for Pediatric Hematology/Oncology nurses.*

05/2012 Expression of ubiquitin carboxyl-terminal hydrolase L1 (UCHL1) in neuroblastoma cancer stem cells and its relationship to patient prognosis and outcome., Pediatric Research Day, University of Texas Health Science Center, San Antonio, TX (Sole Presenter)

Details: *Oral Presentation*

05/2012 Expression of ubiquitin carboxyl-terminal hydrolase L1 (UCHL1) in neuroblastoma cancer stem cells and its relationship to patient prognosis and outcome. (POSTER), American Society of Pediatric Hematology/Oncology Annual Meeting, New Orleans, LA (Sole Presenter)

05/2012 Atypical Hemolytic Uremic Syndrome (aHUS), Clot Club, Pathology Department, UTHSCSA, San Antonio, TX (Invited Speaker)

Details: *Case presentation of several patients with aHUS. Discussed proper diagnostic procedures as well as treatment strategies to Pathology residents and faculty.*

11/2011 Expression of ubiquitin carboxyl-terminal hydrolase L1 (UCHL1) in neuroblastoma and osteosarcoma cancer stem cells and its relationship to patient prognosis and outcome. (POSTER), Cancer Prevention and Research Institute of Texas (CPRIT) Innovations in Cancer Prevention and Research Conference, Austin, TX (Sole Presenter)

09/2011 Characterization of osteosarcoma in children, adolescents, and young adults from South Texas: A 10 year experience. (POSTER), Children's Oncology Group Fall Meeting, Atlanta, GA (Sole Presenter)

07/2011 Coagulation Abnormalities in Liver Failure, Pediatric Hematology Conference, UTHSCSA, San Antonio, TX (Sole Presenter)

Details: *Monthly Case Conference. Attended by various physicians and ancillary staff from around San Antonio including UTHSCSA, Methodist, and Military Physicians.*

06/2011 Pediatric Anemia, American Pediatric Hematology/Oncology Nursing Review Course, CPON, San Antonio, TX (Invited Speaker)

Details: *Presented 90 minute lecture as part of board review course for Pediatric Hematology/Oncology nurses.*

- 05/2011 Expression of ubiquitin carboxyl-terminal hydrolase L1 (UCHL1) in neuroblastoma and osteosarcoma cancer stem cells and its relationship to patient prognosis and outcome. (POSTER), Pediatrics Research Day, University of Texas Health Science Center, San Antonio, TX (Sole Presenter)
- 04/2011 Characterization of osteosarcoma in children, adolescents, and young adults from South Texas: A 10 year experience (POSTER)., American Society of Pediatric Hematology/Oncology Annual Meeting, Baltimore, MD (Sole Presenter)
- 02/2011 Late and Long Term Effects of Childhood Cancers, Texas Forum on Blood Cancers, Leukemia & Lymphoma Society, San Antonio, TX (Invited Speaker)
- 07/2010 Pediatric Anemia, American Pediatric Hematology/Oncology Nursing Review Course, CPON, San Antonio, TX (Invited Speaker)
***Details:** Presented 90 minute lecture as part of board review course for Pediatric Hematology/Oncology nurses.*
- 06/2010 What doctor do I go to? The importance of a PCP for maintaining optimal health for pediatric cancer survivors, Straight Talk about Survivorship Issues, Conference for Childhood Cancer Survivors, Parents and Healthcare Professionals, San Antonio, TX (Invited Speaker)
***Details:** Presentation at a local conference for patients and families of childhood cancer survivors. Included question and answer section after the talk.*
- 07/2009 Pediatric Hematology-Oncology Tumor Board, Tumor Board, Pediatric Hematology-Oncology, UTHSCSA, San Antonio, TX (Sole Presenter)
***Details:** Presented at least monthly for three years to a large and diverse group of medical professionals: UTHSCSA division of Pediatric Hematology-Oncology, SAMMC Military Pediatric Hematology-Oncology physicians; UTHSCSA pediatric residents, students and fellows; other nursing and allied health attendees. Presented on a variety of topics including updated diagnosis, evaluation and treatment of many pediatric cancers.*

SERVICE

PATIENT CARE:

| <u>Dates</u> | <u>Type</u> | <u>Description</u> | <u>Role</u> |
|---------------------|--------------------|-----------------------------|---------------------|
| 07/2012-Present | Inpatient | Hem-Onc Inpatient Attending | Attending Physician |

Serve as the primary faculty member managing the inpatient Pediatric Hematology/Oncology inpatient team at Children's Hospital of San Antonio. Supervise Pediatric Residents (2-3 residents), Pediatric Hem/Onc Fellows (1 fellow), MS3 students (1-2 students), MS4 student (occasionally).

2012-2013 Academic Year - 5 weeks

07/2012-Present Outpatient Solid Tumor Outpatient Attending Attending Physician

Primary attending physician in outpatient clinic 2 days a week treating benign and malignant solid tumor patients. Supervise Pediatric Hem/Onc Fellows (2 fellows) and MS3 students (1-2 students) and occasionally MS4 student (one student) as well as pediatric residents (occasionally one resident).

SERVICE TO THE INSTITUTION:

| <u>Dates</u> | <u>Type</u> | <u>Description</u> | <u>Role</u> |
|-----------------|-------------|-----------------------------|-------------|
| 11/2012-Present | Department | Pediatric Residency Program | Interviewer |

*2012-2013 Applicant Season
2013-2014 Applicant Season
2014-2015 Applicant Season*

| | | | |
|-----------------|------------|---------------------------------|---------------------|
| 08/2012-Present | Department | Hematology Consultation Service | Attending Physician |
|-----------------|------------|---------------------------------|---------------------|

| | | | |
|-----------------|--------|--|--------------------|
| 06/2012-07/2012 | School | Joint Admission Medical Program Summer Internship | Resident Physician |
|-----------------|--------|--|--------------------|

I was assigned a pre-med student to observe my clinical practice for a total of 36 hours.

| | | | |
|-----------------|--------|--|--------------------|
| 06/2010-07/2010 | School | Joint Admission Medical Program Summer Internship | Resident Physician |
|-----------------|--------|--|--------------------|

I was assigned a pre-med student to observe my clinical practice for a total of 36 hours.

| | | | |
|-----------------|--------|--|--------------------|
| 06/2009-07/2009 | School | Joint Admission Medical Program Summer Internship | Resident Physician |
|-----------------|--------|--|--------------------|

I was assigned a pre-med student to observe my clinical practice for a total of 36 hours.

SERVICE TO THE PROFESSION:

| <u>Dates</u> | <u>Type</u> | <u>Description</u> | <u>Role</u> |
|-----------------|-------------|---|------------------------------|
| 04/2015-Present | National | Children's Oncology Group Cancer Care Delivery Research (CCDR) Steering Committee | Steering Committee Member |

Committee designed to develop and oversee CCDR projects within the NCORP institutions in COG and ultimately spread to the whole group.

SERVICE TO THE PUBLIC:

| <u>Dates</u> | <u>Type</u> | <u>Description</u> | <u>Role</u> |
|---|------------------|-----------------------------------|-------------|
| 09/2014-05/2015 | Health Education | Independent Study Mentorship | Mentor |
| <i>Formalized program for High School Students in Northside school district. I served as a mentor for one student during the academic year allowing observation in clinic as well as overseeing and providing guidance for project.</i> | | | |
| 07/2011-Present | Community | St. Baldrick's Planning Committee | Member |
| <i>Member of planning committee responsible for St. Baldrick's Fundraising event for Pediatric Oncology Research.</i> | | | |

PROFESSIONAL AFFILIATIONS:

| <u>Dates</u> | <u>Organization</u> |
|--|---|
| 06/2013-Present | San Antonio Pediatric Society |
| <i>Additional Details: local pediatric society</i> | |
| 07/2009-07/2012 | American Society of Clinical Oncology |
| 07/2009-Present | Children's Oncology Group |
| 07/2009-Present | American Society of Pediatric Hematology/Oncology |
| 07/2006-07/2013 | Texas Pediatric Society |
| 07/2006-07/2013 | Texas Osteopathic Medical Association |
| 07/2006-Present | American Academy of Pediatrics |

07/2006-Present

Texas Medical Association

COMMITTEES (UTHSCSA Standing Committees):

DEPARTMENT

| <u>Dates</u> | <u>Committee</u> | <u>Role</u> |
|---------------------|---|--------------------|
| 04/2015-Present | Protocol Review <i>CTRC Protocol Review Committee. Provide internal oversight of the scientific and research progress of all cancer studies at CTRC</i> | Member |
| 08/2012-Present | Clinical Competence Committee <i>Core Faculty representative for Hematology/Oncology Division. The CCC is charged with preparing, implementing, and evaluating new ACGME Common Program Requirements and Milestones for the Pediatric Residency program.</i> | Member |

COMMITTEES (OTHER):

DEPARTMENT

| <u>Dates</u> | <u>Committee</u> | <u>Role</u> |
|---------------------|--|--------------------|
| 04/2013-Present | Milestone Tool Development Committee (Subcommittee of Clinical Competence C, UTHSCSA, Pediatrics) <i>Subcommittee charged with development of tools necessary to evaluate ACGME milestones.</i> | Member |
| 08/2012-Present | Pediatric Hematology-Oncology Cancer Control Studies Task Force, UTHSCSA, School of Medicine, Pediatrics <i>Review currently activated cancer control (CCL) studies and make recommendations regarding activation of new CCL studies. Develop a prioritization system and recruitment strategies to</i> | Member |

successfully capture all eligible patients.

OTHER

| <u>Dates</u> | <u>Committee</u> | <u>Role</u> |
|-----------------|---|-----------------|
| 10/2009-06/2014 | Children's Hospital Association (CHA) Pediatric Hematology-Oncology CLABSI, Children's Hospital of San Antonio <i>Physician Lead for institution participation in the national collaborative group aimed at reducing central catheter line associated blood stream infections in hospitalized and outpatient children.</i> | Faculty Advisor |

SCHOOL

| <u>Dates</u> | <u>Committee</u> | <u>Role</u> |
|-----------------|--|-------------|
| 10/2013-Present | UTHSCSA Quality Improvement/Patient Safety Committee, UTHSCSA <i>Committee formed to integrate QI/PS measures into UT physician practice.</i> | Member |

DEPARTMENT OF PEDIATRICS
DIVISION OF HEMATOLOGY/ONCOLOGY



Division Chief

Gail Tomlinson, MD, PhD

Hematology/Oncology

Chatchawin Assanasen, MD
Gregory Aune, MD, PhD
Amanda Blair, MD
Melissa Frei-Jones, MD, MSCI
Anne-Marie Langevin, MD
Shafqat A. Shah, MD
Aaron Sugalski, DO

Patricia Amerson, RN, MSN, CPNP
Terri Boyce, RN, MSN, CPNP-AC
Erica Garcia-Frausto, DNP, RN, CPNP

Immunology

Anthony J. Infante, MD, PhD

Stem Cell Transplantation

Ka Wah Chan, MD
Consultant

Genetic Counseling

Lindsey Mette, MS, MScPH, CGC
Natalie Poullard, MA, MS

Fellows

JoAnn Bolude, MD, MPH
Abigail Cruz, MD
Christy George, MD

Specialty Nursing

Specialized Program Nurses

Donna Doulton, RN, BScN
Dezarae Tate, RN

Programs

Children's Hematology Center
South Texas Comprehensive
Hemophilia & Thrombophilia Center
South Texas Comprehensive Sickle Cell &
Thalassemia Center
Cancer Survivorship Program
Cancer Genetics Program
Children's Immunology Clinic
Palliative Care Program

Psychosocial Services

Leanne Embry, PhD
Rocio Garcia, PhD
Megan Colletta, LCSW
Laura Guerrero, LMSW

Affiliations

Children's Oncology Group
For The Kids at UTSA
Greehey Children's Cancer Research
Institute
South Texas Minority Based CCOP
Texas Transplant Institute at Methodist
Children's Hospital

Dear Project Coordinators,

I am Division Director for Pediatric Hematology-Oncology at the University of Texas Health Science Center at San Antonio (UTHSCSA). Our Division is very interested in participating in the Home Medication Education pilot project that is being developed through ASPHO.

Our Division has a strong commitment to the improvement of supportive care through quality improvement projects. We also have a strong track record in the inclusion of minority patients in these projects as we are one of the few pediatric centers supported by an NCI-NCORP infrastructure grant. During the previous 25 years we were similarly supported by the NCI-CCOP program in which we participated in multiple supportive care protocols.

Dr. Aaron Sugalski is highly suited to lead our Division in this MOC project. He currently leads several QI projects that are ongoing within our division and serves as a member of the UTHSCSA Quality Improvement/Patient Safety Committee. Dr. Sugalski was previously a local leader for a national collaborative quality improvement project to decrease central line infections and is enthusiastic about facilitating the medication compliance pilot project.

I have discussed this with Dr. Sugalski and several other faculty within our Division and you can be assured of our enthusiastic commitment to participation and completion of this valuable project.

Please do not hesitate to contact me if any other information is needed.

Sincerely,

Gail E. Tomlinson, M.D.,Ph.D
Professor of Pediatrics
Greehey Distinguished Chair in Genetics and Cancer
Division Director, Pediatric Hematology-Oncology