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WORK EXPERIENCE

Research Professor, Department of Biostatistics, University of Florida, Gainesville, FL: July 2014 – Present

Program Director, Children's Oncology Group Statistics and Data Center – Gainesville, Florida
Branch: July 2014 – Present

- Member, COG Data Safety Monitoring Committee which is responsible for monitoring Pilot, and Phase III trials in COG; Responsible for the review of Leukemia, Lymphoma and CNS tumor trials.
- Member, Scientific Council (SC), Children's Oncology Group. Responsible for providing statistical reviews on trial concepts to COG leadership. The SC is responsible for reviewing concepts and ensuring that the various disease committees' research conform to group objectives and plans.
- Lead Statistician for frontline (newly diagnosed patients) Acute Lymphoblastic Leukemia (ALL) clinical trials. As the lead, have final responsibility for all decisions on statistical issues related to ALL trials. Coordinate ALL activities and projects with the study research coordinators, and other statisticians. Newly diagnosed ALL constitutes a majority of all pediatric cancers diagnosed annually. These trials cumulatively accrue over 2500 patients annually.
- Work with group members (pediatric oncologists, pathologists, cytogeneticists) to submit new concepts for proposed pilot, Phase II and III clinical trials in above mentioned disease areas; to NCI. Develop study design, determine sample size requirements, and safety and efficacy monitoring rules, and data collection elements for proposed studies.
- Perform interim analyses to monitor ongoing studies for patient enrollment, accrual targets, and safety with respect to observed toxicities and other adverse events. Conduct interim data analyses for studies under the purview of the Data Safety and Monitoring Committees. Prepare bi-annual progress reports for open studies for the COG membership.
- Provide data analyses to investigators and help prepare abstracts to be presented at national and international conferences. Collaborate with COG researchers in preparing manuscripts for publication in peer reviewed journals.

Group Statistician, Children's Oncology Group: August 2013-January 2016

Children's Oncology Group (COG) is a National Cancer Institute (NCI) sponsored pediatric cancer clinical trials cooperative group, with over 220 institutional members from all over the USA, Canada, Europe, Australia and New Zealand. In this role, headed the COG Statistics and Data Center's three sites (Gainesville, Florida; Monroiva, CA; and Memphis, Tennessee), supervised over 60 staff comprising statistical, data management, database administrators, information technology, and administrative support staff. Responsible for all administrative, personnel and fiscal matters.

Coordinating Statistician, Children's Oncology Group Statistics and Data Center – Gainesville, Florida Branch: October 2009 – Present

Head the COG Statistics and Data Center – Gainesville Branch; supervise 25 staff comprising statistical, data management, database administrators, information technology, and administrative support staff. Responsible for all administrative, personnel and fiscal matters.

Associate Program Director, Children's Oncology Group Statistics and Data Center – Gainesville, Florida branch: July 2002– June 2014

- Member, COG Data Safety Monitoring Committee which is responsible for monitoring Pilot, and Phase III trials in COG; Responsible for the review of Leukemia, Lymphoma and CNS tumor trials.
- Member, Scientific Council (SC), Children's Oncology Group. Responsible for providing statistical reviews on trial concepts to COG leadership. The SC is responsible for reviewing concepts and ensuring that the various disease committees' research conform to group objectives and plans.
- Lead Statistician for frontline (newly diagnosed patients) Acute Lymphoblastic Leukemia (ALL) clinical trials. As the lead, have final responsibility for all decisions on statistical issues related to ALL trials. Coordinate ALL activities and projects with the study research coordinators, and other statisticians. Newly diagnosed ALL constitutes a majority of all pediatric cancers diagnosed annually. These trials cumulatively accrue over 2500 patients annually.
- Resource Statistician for Bone Tumors including Ewing Sarcoma, Osteosarcoma, and other Soft tissue Sarcoma clinical trials.
- Work with group members (pediatric oncologists, pathologists, cytogeneticists) to submit new concepts for proposed pilot, Phase II and III clinical trials in above mentioned disease areas; to NCI. Develop study design, determine sample size requirements, and safety and efficacy monitoring rules, and data collection elements for proposed studies.
- Perform interim analyses to monitor ongoing studies for patient enrollment, accrual targets, and safety with respect to observed toxicities and other adverse events. Conduct interim data analyses for studies under the purview of the Data Safety and Monitoring Committees. Prepare bi-annual progress reports for open studies for the COG membership.
- Provide data analyses to investigators and help prepare abstracts to be presented at national and international conferences. Collaborate with COG researchers in preparing manuscripts for publication in peer reviewed journals.

Senior Statistician, Pediatric Oncology Group - Statistical Office, University of Florida, Gainesville, FL: January 1998 – June 2002

Responsible for the design, data collection, monitoring, and analysis of Relapsed Acute Lymphoblastic Leukemia, Osteosarcoma, Ewing Sarcoma, Other Soft Tissue Sarcoma clinical trials, worked with clinicians in preparing abstracts and manuscripts for publication of results from these trials

Affiliate Research Associate Professor, Department of Epidemiology and Biostatistics, College of Public Health, University of South Florida, Tampa, Florida: 2011 – 2013.

Research Associate Professor, Department of Epidemiology & Health Policy, University of Florida, Gainesville, FL: July 2007 – July 2014

Affiliate Research Associate Professor: Department of Epidemiology and Biostatistics, University of Florida, Gainesville, FL: May 2008 - 2010

Research Assistant Professor, Department of Statistics, University of Florida: April 1998 – June 2007

Visiting Assistant in Statistics, Department of Statistics, University of Florida, Gainesville, FL:
January 1998 - March 1998

Assistant Professor of Preventive Medicine, School of Medicine, University of Mississippi Medical Center, Jackson, Mississippi: July 1993 - December 1997

Responsibilities included teaching, methodological and collaborative research. Taught graduate courses in Research Design and Statistical Methods to doctoral students in Clinical Health Sciences. Provided consulting services to clinicians and other faculty members, and worked on individual and collaborative research projects. Provided statistical support for clinical projects in Obstetrics, Cardiovascular Surgery, Dentistry, Orthopedic Surgery, Anesthesiology, and Neurology. Analyzed and prepared a report on the Behavioral Risk Factors Surveillance System data on a contract for the Mississippi State Department of Health. Prepared a report on the 1995 Youth Risk Behavior Survey for the Mississippi Department of Education. Details on these two projects are given later. Was part of the Surveillance Committee for the Mississippi Breast and Cervical Cancer Prevention and Control Program of the Mississippi State Department of Health.

Assistant Professor of Health Sciences, School of Health Related Professions, University of Mississippi Medical Center, Jackson, Mississippi: July 1994 - December 1997

Taught courses in Research Design and Methodology to students in the Health Sciences including Occupational therapy, Clinical Laboratory Sciences, and Dental Hygiene.

Adjunct Assistant Professor of Mathematics, Department of Mathematics & Statistics, University of California, Los Angeles, California: September 1991 - June 1993

Taught upper division courses in Probability and Statistical theory and methods. Conducted individual and collaborative research with the other faculty.

Research Assistant, Department of Mathematical Sciences, University of Memphis, Memphis, Tennessee: September 1989 - June 1991

Worked with faculty on various research projects (including use of Generalized Logistic Models in Dose Response bioassay, and the Two-Stage model of Carcinogenesis for risk assessment).

Teaching Assistant, Department of Mathematical Sciences, University of Memphis, Memphis, Tennessee: January 1985 - August 1989, September 1990 - June 1991

Instructor for the three-semester Calculus series, and senior/graduate level courses in Statistical Methods.

Intern, Aeronautical Development Establishment, Bangalore, India: September 1982 - May 1984

Assisted researchers and did FORTRAN programming for defense projects associated with the flight simulator.

EDUCATION

Ph.D., University of Memphis, Memphis, TN, August 1991.

Dissertation: "Parametric Modeling of Response Functions: Efficiency Studies and Computational Techniques."

Major: Applied Statistics

Minor: Computer Science

M.S., University of Memphis, Memphis, TN, August 1986.

Major: Applied Statistics

M.B.A, Bangalore University, Bangalore, India, June 1982.

Major: Marketing Management

B.S., Bangalore University, Bangalore, India, May 1980.

Majors: Mathematics, Physics, and Chemistry

GRANTS

Ongoing grants

Children's Oncology Group Statistics and Data Center

Role: PI

1U10 CA180899 (Devidas)

3/1/2014 – 02/28/2019

NIH/NCI

\$7,704,757 /yr

Testing Targeted Therapy in Philadelphia Chromosome-like (Ph-like) ALL (Hunger)

Role: Co-investigator on grant and PI on subcontract to UF

7/1/2013-6/30/2018

St Baldricks Foundation

\$156,063

Improving Risk Allocation and Developing Novel Therapies for Children with T-ALL (Teachey)

Role: Co-investigator on grant and PI on subcontract to UF

5/4/2015-4/30/2020

Children's Hospital of Philadelphia (NIH/NCI Primary)

\$8,465

Center for Precision Medicine in Leukemia (CPML) (Relling)

Role: Co-Investigator on the grant and PI on the subcontract to UF

P50GM115279

7/1/2015-6/30/2020

St. Jude Children's Research Hospital (NIH/NIGMS Primary)

\$375,630

Web-based physical activity intervention for children with ALL (ZAMZEE)

Role: PI on subcontract to UF

7/1/2016-6/30/2021

St. Jude Children's Research Hospital (Ness)

\$89,421

Completed grants

Minimal Residual Disease ("MRD") Detection in Adult Acute Lymphoblastic Leukemia ("ALL") Project Plan

Role: PI on subcontract to University of Florida

9/13/2016-12/31/2017

Foundation for the National Institutes of Health, Inc.

\$33,007

COG – AFLAC funding for Correlative Studies for Adolescents and Young Adults (AYA)

Role: Co-investigator on grant and PI on subcontract to UF

1/1/2015-12/31/2017

Children's Hospital of Philadelphia

\$74,892

Scientific Leadership: COG NCORP Research Base (Pollock)

Role: Co-investigator on grant and PI on subcontract to UF

9/15/2014-7/31/2017

Children's Hospital of Philadelphia

\$54,844

BIQSFP-AALL1131

Role: Co-investigator on grant and PI on subcontract to UF

3/1/2016-2/28/2017

Children's Hospital of Philadelphia

\$41,648

COG - Correlative Studies for Adolescents and Young Adults (AYA) Role: Co-investigator on grant and PI on subcontract to UF Foundation for the Children's Oncology Group	1/1/2015-12/31/2016 \$75,000
COG DTC UTC ANBL0032 Role: Co-investigator on grant and PI on subcontract to UF Children's Hospital of Philadelphia	4/1/2015-10/31/2016 \$150,000
COG: BIQSFP- AALL08B1 MRD Role: Co-Investigator on NCI grant and PI on subcontract to UF NIH BIQSFP U10CA180886 Children's Hospital of Philadelphia (NIH Primary)	03/01/14-02/28/16 \$27,854
Incidence and Natural history of Osteonecrosis Role: Co-Investigator on NCI grant and PI on subcontract to UF NIH BIQSFP (Adamson) Children's Hospital of Philadelphia (NIH Primary)	07/01/12-06/30/15 \$40,117/yr
PAAR4Kids - Pharmacogenomics of Anticancer Agents Research in Children (Relling) Role: Co-Investigator on NCI grant and PI on subcontract to UF U01 GM092666-01 NIH/NCI	7/1/2010-6/30/2015 \$81,503/yr
Support for Human Specimen Banking in NCI Sponsored Clinical Trials-(CGB) Role: Co-investigator on grant and PI on subcontract to UF Nationwide Children's Hospital (NIH/NCI Primary)	9/9/2014-3/31/2015 \$40,000
Replication profiling as a diagnostic tool in B-cell ALL Role: Co-Investigator on NCI grant and PI on subcontract to UF NIH R21 CA161666 (Gilbert) NIH/NCI	12/07/12-11/30/14 \$15,101
Scientific Chairs: ALL statistics supplement Role: Co-Investigator on NCI grant and PI on subcontract to UF NIH U10 CA098543 (Adamson) Children's Hospital of Philadelphia (NIH Primary)	03/01/12-02/28/14 \$100,330/yr
Children's Oncology Group Statistics and Data Center Role: PI on subcontract to UF 5U10 CA98413 (Anderson) NIH/NCI	3/1/2008 – 02/28/2014 \$ 9,019,842
Identifying the Spectrum of Genetic Alterations in High Risk ALL (Mulligan) Role: Co-Investigator on NCI grant and PI on subcontract to UF NIH RC4 CA156329 NIH Director's Opportunity for Research in Five Thematic Areas (RC4)	8/31/2010-9/30/2013 \$11,966/yr
Recurrence testing of new genomic lesions in childhood Acute Lymphoblastic Leukemia (Loh) Role: Co-investigator on grant and PI on subcontract to UF St Baldricks Foundation	7/1/2011-6/31/2013 \$13,672/yr
Pharmacogenetic Determinants of Vincristine Toxicity and Response Role: Co-investigator on NCI grant and PI on subcontract to UF 1R01HD062484-01A1 (Renbarger) Indiana University (NIH Primary)	1/1/2010-12/31/2012 \$21,592

Improving Risk Stratification for Childhood ALL – Translating Discovery into Clinical Practice
Role: Co-Investigator on NCI grant and PI on subcontract to UF
1RC2 CA148529-01 (Loh) 9/1/2009-8/31/2012
NIH/NCI ARRA, Grand Opportunity grant \$47,108/yr

Childhood Cancer TARGET: Tissue Collections and Characterization, Supplement to the Children’s Oncology Group Grant
Role: PI (multiple PIs) on NCI grant and PI on subcontract to UF
5U10 CA98543 (Reaman) 9/1/2009-8/31/2012
NIH/NCI ARRA \$50,099/yr

SCOR (Specialized Center of Research) in Targeted Therapies for Infant Leukemia
Role: Co-investigator on grant, and PI on subcontract to Univ of Florida
24686-02-11 (Felix) 10/1/2006–9/30/2011
Leukemia & Lymphoma Society \$226,318

BPCA (Best Pharmaceuticals for Children Act) - Methotrexate Neurotoxicity in pediatric ALL
Role: Co-investigator on NIH grant, and PI on subcontract to Univ of Florida
3 U10 CA098543-07S1 (Adamson) 12/1/2005 - 2/28/2011
NIH/NICHD \$ 74,633/yr

Minimal Residual Disease In Pediatric All In Relation To Other Prognostic Factors
Role: Co-investigator on NCI grant, and PI on subcontract to UF
R01 CA086011 (Borowitz) 12/1/2006 –7/31/2011
NIH/NCI \$44,022

SPECS (Strategic Partnering To Evaluate Cancer Signatures) - Leukemia Signatures for Risk Classification & Targeting: Evaluation of Gene Expression Profiles for Risk Classification and Therapeutic Targeting in Acute Leukemia in Children and Adults
Role: PI on subcontract to UF
1U01 CA114762 (Willman) 7/1/2005 - 6/30/2010
NIH/NCI \$ 493,869

BPCA (Best Pharmaceuticals for Children Act) - Pharmacokinetics of Daunomycin – correlations with BMI, age, race and ethnicity in children
Role: PI on subcontract to Univ of Florida
3 U10 CA098543-03S2 (Reaman) 12/1/2005 - 2/28/2010
NIH/NICHD \$ 120,898/yr

Pharmacogenomics of Childhood Leukemia (ALL)
Role: PI on subcontract to University of Florida
3 R37CA036401-25S1 (Evans) 9/26/2008 –9/25/2009
NIH \$51,666

Molecular Determinants of Methotrexate Metabolism in Acute Lymphoblastic Leukemia
Role: PI on subcontract to UF
R01 CA098152 (Barredo) 4/1/2004 – 3/31/2009
NIH/NCI \$ 39,054

Children’s Oncology Group Statistics and Data Center
Role: Co-PI on subcontract to UF
U10 CA98413-04 (Anderson) 3/1/2006 – 02/29/2008
NIH/NCI \$ 4,299,728

Children's Oncology Group Statistics and Data Center Role: PI on subcontract to UF U10 CA98413-03 (Anderson) NIH/NCI	1/1/2003 – 2/28/2006 \$ 5,882,240
MRD in childhood Acute Lymphoblastic Leukemia using molecular techniques Role: Co-Investigator on the grant and PI on subcontract to the University of Florida R01 CA86026 (Willman) NIH/NCI	6/28/2002 - 3/31/2005 \$ 97,463
MRD in childhood Acute Lymphoblastic Leukemia using flow cytometry Role: Co-Investigator on the grant and PI on subcontract to the University of Florida R01 CA86011 (Borowitz) NIH/NCI	6/28/2002-03/31/2005 \$83,526
Pediatric Oncology Group Statistical Office Role: Principle Investigator U10 CA29139 (Devidas) NIH/NCI	6/28/2002-12/31/2002 \$1,109,744
Remote Data Entry supplement Role: Principle Investigator (Devidas) Foundation for the Children's Oncology Group	6/28/2002-12/31/2002 \$206,203
Remote Data Entry supplement Role: Co-Investigator (Kepner) Foundation for the Children's Oncology Group	1/1/2002 - 6/27/2002 \$206,203
Community Clinical Oncology Programs (CCOP) Role: Co-Investigator on the grant and PI on the subcontract to UF U10 CA37379 (Pollock) NIH/NCI	6/1/2001 - 5/31/2002 \$135,489
Phase I consortium grant Role: Co-Investigator on the grant and PI on subcontract to UF (Murphy) NIH/NCI	7/1/1999 - 6/30/2002 \$ 224,650
Pediatric Oncology Group Statistical Office Role: Co-Investigator U10 CA29139 (Shuster) NIH/NCI	1/1/1998 - 6/27/2002 \$9,987,695

Pending grants

None

TEACHING

Coordinate and co-teach a two part course in Design and Analysis of Clinical Trials for graduate students, fellows, and junior faculty from the Colleges in the Health Science Center at the University of Florida.

Faculty on the annual short -course Introduction to Clinical and Translational Research offered as part of the CTSI award to fellows and junior faculty in the Health Science Center, University of Florida.

Member of formal mentoring committees for three junior faculty in the Department of Biostatistics, University of Florida.

On an ongoing basis, educate Pediatric Oncologists, Pathologists, Pediatric Surgeons, Pediatric oncology fellows, Clinical Research Associates (CRA), and Nurses in the Children's Oncology Group (COG), on clinical trial design, data quality, interim monitoring rules for safety and efficacy, and power and sample-size calculations to meet study objectives.

Introduce and help train young / new investigators on clinical trials proposal and protocol development; teach them about study design, safety and efficacy monitoring. This enables them to read relevant published literature with a better understanding of the design and other statistical details, and to be better prepared to coordinate and run a Children's Oncology Group clinical trial.

Teach medical students / interns / fellows about the steps involved in conducting good research including, specifying the study hypotheses/objectives, collection of critical data to answer study objectives, and statistical analyses of the data. Help them with research projects evolving either from COG clinical trials or from their own laboratory research.

Member of the graduate faculty 1998-present

Served as a member of PhD dissertation committee for two students in the Department of Biostatistics. Academic advisor for three MS students in the department.

Worked with 6 graduate students (Hui Zeng, Scott Gulig, Li Li, Shanjun Helian, Xinlei Mi, and Yichen Chen) on a one-on-one basis on clinical trials design, group sequential monitoring for efficacy and futility, safety monitoring, disease-specific response evaluation; and the biology (cytogenetics, molecular/ genetic markers) of Acute Lymphoblastic Leukemia. All are enrolled in the PhD program in Biostatistics at the University of Florida and are research assistants in the COG Statistics and Data Center. They work as Statisticians for clinical trials in Acute Lymphoblastic Leukemia. The research assistants provide data management and statistical support on various ongoing trials and biology projects.

Co-Chair and Member of dissertation committee of Alexia Makris, PhD candidate in the Department of Epidemiology & Biostatistics, University of South Florida, 2013

Give a two- part lecture on Statistical Methods as part of the Pediatric Fellowship Lecture Series in the Department of Pediatrics, College of Medicine, University of Florida

REFEREED PUBLICATIONS

Book Chapters

1. Smith, M., Devidas, M., Wheatley, K., Lock, RB, Hunsberger, S., *Childhood Leukemia, A Practical Handbook, Series: Pediatric Oncology*, Strategies for New Agent Development and Clinical Trial Considerations, Springer Berlin Heidelberg, January 2011, 215-241.
2. George, EO, Devidas, M., *Handbook of the Logistic Distribution*, Some Related Distributions, Marcel & Dekker, New York & Basel, 1992, 223--235.

Journal Publications

1. Qian M, Cao X, **Devidas M**, Yang W, Cheng C, Dai Y, Carroll A, Heerema NA, Zhang H, Moriyama T, Gastier-Foster JM, Xu H, Raetz E, Larsen E, Winick N, Bowman WP, Martin PL, Mardis ER, Fulton R, Zambetti G, Borowitz M, Wood B, Nichols KE, Carroll WL, Pui CH, Mullighan CG, Evans WE, Hunger SP, Relling MV, Loh ML, Yang JJ. TP53 Germline Variations Influence the Predisposition and Prognosis of B-Cell Acute Lymphoblastic Leukemia in Children. *Journal of Clinical Oncology*. 2018 Jan 4;JCO2017755215. doi: 10.1200/JCO.2017.75.5215. [Epub ahead of print] PubMed PMID: 29300620.
2. Barredo JC, Hastings C, Lu X, **Devidas M**, Chen Y, Armstrong D, Winick N, Wood BL, Yanofsky R, Loh M, Gastier-Foster JM, Jorstad DT, Marcus R, Ritchey K, Carrol WL, Hunger SP. Isolated late testicular relapse of B-cell acute lymphoblastic leukemia treated with intensive systemic chemotherapy and response-based testicular radiation: A Children's Oncology Group study. *Pediatric Blood Cancer*. 2017 Dec 29. doi: 10.1002/pbc.26928. [Epub ahead of print] PubMed PMID: 29286562.
3. Wood B, Wu D, Crossley B, Dai Y, Williamson D, Gawad C, Borowitz MJ, **Devidas M**, Maloney KW, Larsen E, Winick N, Raetz E, Carroll WL, Hunger SP, Loh M, Robins H, Kirsch I. Measurable residual disease detection by high throughput sequencing improves risk stratification for pediatric B-ALL. *Blood*. 2017 Dec 28. pii: blood-2017-09-806521. doi: 10.1182/blood-2017-09-806521. [Epub ahead of print] PMID: 29284596
4. DiNofia AM, Seif AE, **Devidas M**, Li Y, Hall M, Huang YV, Cahen V, Hunger SP, Winick NJ, Carroll WL, Fisher BT, Larsen EC, Aplenc R. Cost comparison by treatment arm and center-level variations in cost and inpatient days on the phase III high-risk B acute lymphoblastic leukemia trial AALL0232. *Cancer Medicine*. 2017 Dec 23. doi: 10.1002/cam4.1206. [Epub ahead of print] PMID: 29274118.
5. Salzer WL, Burke MJ, **Devidas M**, Chen S, Gore L, Larsen EC, Borowitz M, Wood B, Heerema NA, Carroll AJ, Hilden JM, Loh ML, Raetz EA, Winnick NJ, Carroll WL, Hunger SP. Toxicity Associated with Intensive Post-Induction Therapy Incorporating Clofarabine in the Very High Risk Stratum of Patients with Newly Diagnosed High Risk B-Lymphoblastic Leukemia: a Report from the Children's Oncology Group Study AALL1131. *Cancer*. 2017 Dec 19. doi: 10.1002/cncr.31099. [Epub ahead of print] PMID: 29266189.
6. Gupta S, **Devidas M**, Loh ML, Raetz EA, Chen S, Wang C, Brown P, Carroll AJ, Heerema NA, Gastier-Foster JM, Dunsmore KP, Larsen EC, Maloney KW, Mattano Jr. LA, Winter SS, Winick NJ, Carroll WL, Hunger SP, Borowitz MJ, Wood BL. Flow Cytometric vs Morphologic Assessment of Remission in Childhood Acute Lymphoblastic Leukemia: A Report From the Children's Oncology Group (COG). *Leukemia*. 2017 Dec 18. doi: 10.1038/leu.2017.341. [Epub ahead of print] PMID: 29249823.
7. Bride KL, Vincent TL, Im SY, Aplenc R, Barrett DM, Carroll WL, Carson R, Dai Y, **Devidas M**, Dunsmore KP, Fuller T, Glisovic-Aplenc T, Horton TM, Hunger SP, Loh ML, Maude SL, Raetz EA, Winter SS, Grupp SA, Hermiston ML, Wood BL, Teachey DT. Preclinical efficacy of

- daratumumab in T-cell acute lymphoblastic leukemia (T-ALL). *Blood*. 2018 Jan 5. pii: blood-2017-07-794214. doi: 10.1182/blood-2017-07-794214. [Epub ahead of print] PubMed PMID: 29305553.
8. Burns MA, Liao ZW, Yamagata N, Pouliot G, Stevenson KE, Neuberger DS, Thorner AR, Ducar M, Silverman EA, Hunger SP, Loh ML, Winter SS, Dunsmore KP, Wood B, **Devidas M**, Harris MH, Silverman LB, Sallan SE and Gutierrez A. (2017), "Hedgehog Pathway Mutations Drive Oncogenic Transformation in High-Risk T-Cell Acute Lymphoblastic Leukemia", *In press with Leukemia*.
 9. Rau RE, Carroll AJ, Heerema NA, Arland L, Carroll WL, Winick NJ, Raetz EA, Loh ML, Yang W, Relling MV, Dai Y, **Devidas M**, Hunger SP. Klinefelter syndrome and 47,XYY syndrome in children with B cell acute lymphoblastic leukaemia. *British Journal of Haematology*. 2017 Dec;179(5):843-846. doi: 10.1111/bjh.14258. Epub 2016 Jul 19. PubMed PMID: 27434379; PubMed Central PMCID: PMC5247399.
 10. Burke MJ, **Devidas M**, Maloney K, Angiolillo A, Schore R, Dunsmore K, Larsen E, Mattano LA Jr, Salzer W, Winter SS, Carroll W, Winick NJ, Loh ML, Raetz E, Hunger SP, Bleyer A. Severe pegaspargase hypersensitivity reaction rates (grade ≥ 3) with intravenous infusion vs. intramuscular injection: analysis of 54,280 doses administered to 16,534 patients on children's oncology group (COG) clinical trials. *Leukemia Lymphoma*. 2017 Nov 8:1-10. doi: 10.1080/10428194.2017.1397658. [Epub ahead of print] PMID: 29115886.
 11. Zheng DJ, Lu X, Schore RJ, Balsamo L, **Devidas M**, Winick NJ, Raetz EA, Loh ML, Carroll WL, Sung L, Hunger SP, Angiolillo AL, Kadan-Lottick NS. Longitudinal analysis of quality of life outcomes in children during treatment for acute lymphoblastic leukemia: A report from the Children's Oncology Group AALL0932 trial. *Cancer*. 2017 Nov 7. doi: 10.1002/cncr.31085. [Epub ahead of print] PMID: 29112230.
 12. Rau RE, Dreyer Z, Choi MR, Liang W, Skowronski R, Allemneni KP, **Devidas M**, Raetz EA, Adamson PC, Blaney SM, Loh ML, Hunger SP. Outcome of pediatric patients with acute lymphoblastic leukemia/lymphoblastic lymphoma with hypersensitivity to pegaspargase treated with PEGylated Erwinia asparaginase, pegcrisantaspase: A report from the Children's Oncology Group. *Pediatric Blood & Cancer*. 2017 Nov 1. doi: 10.1002/pbc.26873. [Epub ahead of print] PubMed PMID: 29090524.
 13. Hardy KK, Embry LM, Kairalla JA, Helian S, **Devidas M**, Armstrong FD, Hunger S, Carroll WL, Larsen E, Raetz EA, Loh ML, Yang W, Relling MV, Noll RB, Winick N. Reply to I.J. Cohen. *Journal of Clinical Oncology*. 2017 Oct 18;JCO2017757252. doi: 10.1200/JCO.2017.75.7252. [Epub ahead of print] No abstract available. PMID: 29045162.
 14. Hardy KK, Embry L, Kairalla JA, Helian S, **Devidas M**, Armstrong D, Hunger S, Carroll WL, Larsen E, Raetz EA, Loh ML, Yang W, Relling MV, Noll RB, Winick N. Neurocognitive Functioning of Children Treated for High-Risk B-Acute Lymphoblastic Leukemia Randomly Assigned to Different Methotrexate and Corticosteroid Treatment Strategies: A Report From the Children's Oncology Group. *Journal of Clinical Oncology*. 2017 Jul 3;JCO2016717587. doi: 10.1200/JCO.2016.71.7587. [Epub ahead of print] PubMed PMID: 28671857.
 15. Liu Y, Easton J, Shao Y, Maciaszek J, Wang Z, Wilkinson MR, McCastlain K, Edmonson M, Pounds SB, Shi L, Zhou X, Ma X, Sioson E, Li Y, Rusch M, Gupta P, Pei D, Cheng C, Smith MA,

Auvil JG, Gerhard DS, Relling MV, Winick NJ, Carroll AJ, Heerema NA, Raetz E, **Devidas M**, Willman CL, Harvey RC, Carroll WL, Dunsmore KP, Winter SS, Wood BL, Sorrentino BP, Downing JR, Loh ML, Hunger SP, Zhang J, Mullighan CG. The genomic landscape of pediatric and young adult T-lineage acute lymphoblastic leukemia. *Nature Genetics*. 2017 Jul 3. doi: 10.1038/ng.3909. [Epub ahead of print] PubMed PMID: 28671688.

16. Winick N, **Devidas M**, Chen S, Maloney K, Larsen E, Mattano L Jr, Borowitz MJ, Carroll A, Gastier-Foster JM, Heerema NA, Willman C, Wood B, Loh ML, Raetz E, Hunger SP, Carroll WL. Impact of Initial CSF Findings on Outcome Among Patients With National Cancer Institute Standard- and High-Risk B-Cell Acute Lymphoblastic Leukemia: A Report From the Children's Oncology Group. *Journal of Clinical Oncology*. 2017 May 23;JCO2016714774. doi: 10.1200/JCO.2016.71.4774. [Epub ahead of print] PMID: 28535084.
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TECHNICAL REPORTS / PROCEEDINGS

Has been responsible for over 35 biology and therapeutic clinical trials (Phase IIs, Pilots and Phase IIIs) in the Children’s Oncology Group covering Osteosarcomas, Ewing Sarcomas, Soft tissue sarcomas, and Acute Lymphoblastic Leukemias. Responsible for generating interim study progress reports, and confidential reports including interim safety and efficacy monitoring generated for the Data Safety Monitoring Committees.

George, E.O., **Sivaram, M.*** (1986), “A Modification of the Fisher-Cornish Approximation for the Student t Percentiles,” *Report Series 86-15*, Department of Mathematical Sciences, University of Memphis. * Name changed to Devidas in 1990

Devidas, M., George, E.O., Zelterman, D., (1993), “Generalized Logistic Models for Low-Dose Response Data,” *Supercomputer Institute Research Report #UMSI 93/56 April*, University of Minnesota.

Devidas, M., Kepner, J.L. (1999), “Determining Sample Size for a Survival Analysis with Historical Controls,” *Technical Report # 614*, Department of Statistics, University of Florida.

Devidas, M., Kepner, J.L., Stephens, B. (2000), “On Computing Sample Size for Phase II Efficacy Studies with Historical Controls,” *Technical Report # 2000-033*, Department of Statistics, University of Florida.

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PRESENTATIONS

Invited International

1. **Devidas M.** Clinical Trial Design An Overview, November 2017. *Annual Meeting of the Canadian National Transplant Research Program, Mont Tremblant, Quebec, CA.*
2. **Devidas M.** Rare tumors, low marker prevalence, and pediatric oncology: Examples of real clinical trials. Invited Education session on Practical Considerations in the Design of Clinical Trials of Targeted Therapies and Immunotherapy, June 2014. *Annual Meeting of the American Society of Clinical Oncology, Chicago, IL.*

3. **Devidas, M.** Randomized Phase II Trials, May 2013. *Invited Oral presentation at 24th Annual Meeting of the International Berlin-Frankfurt-Munster(BFM) Study Group, Kiel, Germany.*
4. **Devidas M.** Active risk-based therapy assignment for COG pediatric acute lymphoblastic leukemia clinical research studies using data from central reference laboratories and treating institutions. *Invited Session 27, A Real-time Electronic Remote Data Capture and Therapeutic Risk Group Communication System: From Central Laboratories to Individual Patient Treatment in Pediatric Cancer Clinical Trials, 2012. 33rd Annual Meeting of the Society for Clinical Trials, Miami, FL.*
5. **Devidas, M.** Statistical Issues when using MRD as a surrogate endpoint, April 2012. *Invited presentation at 23rd Annual Meeting of the International Berlin-Frankfurt-Munster (BFM) Study Group, Santiago, Chile.*
6. **Devidas, M.** Minimal Residual Disease (MRD) as a Surrogate Endpoint in Acute Lymphoblastic Leukemia (ALL), April 2012. *Invited presentation at Workshop Sponsored by the US Food & Drug Administration and American Society of Clinical Oncology, Washington DC.*
7. Lu X, **Devidas M**, Whitlock JA. Sequential randomized phase II screening trials, May 2010, *Rare Paediatric Tumour Clinical Trial Design Workshop, Birmingham, UK.*
8. Anderson, J.R., Ingram, K., Peters, T.W., **Devidas, M.**, (2006), “Electronic Data Capture: The Children’s Oncology Group (COG) Experience,” Continuing Education Session, *42nd Annual Meeting of the American Society of Clinical Oncology, Atlanta, GA.*

Contributed International

1. Burns MA, Liao ZW, Pouliot GP, Stevenson KE, Neuberg DS, Thorner AR, Ducar M, Silverman EA, Hunger SP, Loh ML, Winter SS, Dunsmore KP, Wood B, **Devidas M**, Harris MH, Silverman LB, Sallan SE, Gutierrez A. Hedgehog Pathway Mutations Drive Oncogenic Transformation in High-Risk T-Cell Acute Lymphoblastic Leukemia. December 2017, *59th ASH Annual Meeting and Exposition, Atlanta, GA.*
2. Mattano LA, **Devidas M**, Chen S, Raetz E, Loh ML, Naomi Winick, Stephen P Hunger, William L Carroll, Eric Larsen. Osteonecrosis (ON) is Associated with Improved Event Free Survival (EFS) in High-Risk Acute Lymphoblastic Leukemia (HR-ALL): Results of Children’s Oncology Group (COG) Study AALL0232. October 2017, *49th Congress of the International Society of Paediatric Oncology (SIOP), Washington D.C. (oral presentation).*
3. Burke M, Salzer WL, Chen S, **Devidas M**, Gore L, Hilden J, Larsen E, Raetz E, Winick N, Carroll WL, Hunger SP, Loh ML. Substitution with Cyclophosphamide and Etoposide Does Not Improve Outcome for Children and Young Adults with Very High Risk B-Lymphoblastic Leukemia: Children’s Oncology Group Study AALL1131. *October 2017, 49th Congress of the International Society of Paediatric Oncology (SIOP), Washington D.C. (oral presentation).*
4. Zheng DJ, Lu X, Ross WL, Angiolillo AL, Schore R, Balsamo LM, **Devidas M**, Whitley MK, Kadan-Lottick NS. Longitudinal Analysis of Quality of Life Outcomes in Children During

- Treatment for Acute Lymphoblastic Leukemia: a Report from the Children's Oncology Group (COG) AALL0932, June 2017. *53rd ASCO Annual Meeting (poster presentation)*, Chicago, IL.
5. Loh ML, Raetz E, **Devidas M**, Dai Y, Borowitz M, Carroll A, Chen I, Gastier-Foster J, Friedmann A, Harvey R, Heerema N, Larsen E, Maloney K, Mattano L, Mullighan CG, Rabin K, Reshmi S, Roberts K, Willman C, Wood B, Zweidler-McKay P, Zhang J, Winick N, Hunger SP, Carroll W. Outcomes of Children, Adolescents, and Young Adults with Acute Lymphoblastic Leukemia Based on Blast Genetics at Diagnosis: A Report from the Children's Oncology Group. April 2017, *ASPHO 30th Annual Meeting*.
 6. Loh ML, Raetz E, **Devidas M**, Dai Y, Borowitz MJ, Carroll AJ, Chen IM, Gastier-Foster JM, Friedmann AM, Harvey RC, Heerema NA, Larsen E, Li Y, Maloney KW, Mattano LA, Mullighan CG, Rabin KR, Reshmi SC, Roberts KG, Willman CL, Wood BL, Zweidler-McKay P, Zhang J, Winick N, Hunger S, Carroll WL. Outcomes of Children, Adolescents, and Young Adults with Acute Lymphoblastic Leukemia Based on Blast Genotype at Diagnosis: A Report from the Children's Oncology Group, December 2016. *58th ASH Annual Meeting and Exposition*.
 7. Alexander TB, Gu Z, Choi JK, Loh ML, Horan J, Buldini B, Basso G, Elitzur S, Zwaan CM, de Haas V, Yeoh AE, Reinhardt D, Tomizawa D, Lammens T, De Moerloose B, Zhou L, Hori H, Moorman AV, Moore AS, Hrusak O, Meshinchi S, Orgel E, **Devidas M**, Hunger SP, Guidry Auvil JM, Smith MA, Davidsen TM, Hermida LC, Gesuwan P, Marra MA, Ma Y, Mungall AJ, Moore R, Gerhard DS, Cao X, Shi L, Pounds S, Inaba H, Mullighan C. Genomic Landscape of Pediatric Mixed Phenotype Acute Leukemia, December 2016. *58th ASH Annual Meeting and Exposition*
 8. Loh ML, Zhang J, Pei D, Dai Y, Ma X, **Devidas M**, Edmondson M, Rusch M, Carroll AJ, Chen IM, Gastier-Foster J, Harvey RC, Heerema NA, Iacobucci I, Payne D, Maloney KW, Larsen E, Raetz E, Willman CL, Winick N, Carroll WL, Mullighan CG, Hunger SP. Whole Exome Sequencing of Pediatric Acute Lymphoblastic Leukemia Patients Identify Mutations in 11 Pathways: A Report from the Children's Oncology Group, December 2016. *58th ASH Annual Meeting and Exposition*
 9. Ariës I, Ni Chonghaile T, Karim S, Jacob M, Stevenson KE, Neuberg DS, **Devidas M**, Loh ML, Hunger S, Teachey DT, Rabin KR, Winter SS, Dunsmore KP, Wood BL, Silverman LB, Sallan SE, Knoechel B, Van Vlierberghe P, Letai A, Gutierrez A. PRC2 Mutations Induce Resistance to Conventional Chemotherapy By Inhibiting Mitochondrial Apoptosis in T-Cell Acute Lymphoblastic Leukemia, December 2016. *58th ASH Annual Meeting and Exposition*
 10. Gupta S, **Devidas M**, Chen S, Wang C, Loh ML, Raetz E, Brown P, Carroll AJ, Heerema NA, Gastier-Foster JM, Dunsmore KP, Larsen E, Maloney K, Mattano LA, Winter S, Winick N, Carroll WL, Hunger S, Borowitz MJ, Wood BL. Minimal Residual Disease Assessment of Remission after Induction Therapy Is Superior to Morphologic Assessment for Risk Stratification in Childhood Acute Lymphoblastic Leukemia: A Report from the Children's Oncology Group (COG), December 2016. *58th ASH Annual Meeting and Exposition*

11. Valsecchi MG, **Devidas M**, Lucenti A, Schrappe M, Cazzaniga G, Moricke A, Bartram CR, Mann G, Carroll WL, Larsen E, Winick N, Basso G, Conter V, Zimmermann M, Sushu S, Biondi A, Hunger S, Galimberti S. Evaluation of Minimal Residual Disease As a Surrogate Endpoint for Event Free Survival in Childhood B-Lineage Acute Lymphoblastic Leukemia, December 2016. *58th ASH Annual Meeting and Exposition*
12. Nishii R, Baskin R, Moriyama T, Hoshitsuki K, Metzger ML, Wu G, **Devidas M**, Yang W, Tedrick P, Quinn E, Gastier-Foster JM, Raetz E, Larsen E, Martin PL, Bowman WP, Winick N, Takagi M, Pui CH, Evans WE, Zhang J, Relling MV, Hunger SP, Mullighan C, Loh ML, Nichols KE, Yang JJ. Comprehensive Functional Characterization of Germline ETV6 Variants Associated with Inherited Predisposition to Acute Lymphoblastic Leukemia in Children, December 2016. *58th ASH Annual Meeting and Exposition*
13. Wood BL, Wu D, Kirsch IM, Crossley B, Williamson D, Gawad C, Borowitz MJ, **Devidas M**, Maloney KW, Larsen E, Winick N, Raetz E, Carroll WL, Hunger SP, Loh ML, Robins H. Residual Disease Monitoring By High Throughput Sequencing Provides Risk Stratification in Childhood B-ALL and Identifies a Novel Subset of Patients Having Poor Outcome, December 2016. *58th ASH Annual Meeting and Exposition*
14. Schore RJ, **Devidas M**, Bleyer A, Reaman G, Lebedinsky C, Zhang H, Koppensteiner H, Loh ML, Raetz E, Winick N, Carroll WL, Hunger SP, Anne Angiolillo. Anti-Pegaspargase, Anti-Calaspargase Pegol, and Anti-Polyethelene Glycol Antibody Incidence in High Risk Acute Lymphoblastic Leukemia Patients Receiving Pegaspargase or Calaspargase Pegol and Associated Anaphylactic or Hypersensitivity Reaction Rates: Results from Children's Oncology Group (COG) Study AALL07P4, December 2016. *58th ASH Annual Meeting and Exposition*
15. Oshima K, Khiabani H, da Silva-Almeida AC, Tzoneva G, Abate F, Ambesi-Impiombato A, Sanchez-Martin M, Carpenter Z, Penson A, Perez-Garcia A, Eckert C, Nicolas C, Balbin M, Sulis ML, Kato M, Koh K, Paganin M, Basso G, Gastier-Foster JM, **Devidas M**, Loh ML, Kirschner-Schwabe R, Palomero T, Rabadan R, Ferrando AA. Mutational landscape, clonal evolution patterns, and role of RAS mutations in relapsed acute lymphoblastic leukemia, December 2016. *58th ASH Annual Meeting and Exposition*
16. Hampton OA, Ramos EI, Kakkar N, Junco JJ, Reuther J, Angiolillo A, Schore RJ, Burke MJ, Salzer W, **Devidas M**, Carroll AJ, Heerema NA, Maloney K, Winick N, Carroll WL, Raetz E, Loh ML, Hunger SP, Jain J, Doddapaneni H, Muzny DM, Wheeler DA, Fisher KE, Lopez-Terrada DH, Roy A, Parsons DW, Rabin KR. Integrated Genomic Analysis of Down Syndrome Acute Lymphoblastic Leukemia Reveals Recurrent Cancer Gene Alterations and Evidence of Frequent Subclonal Driver Events, December 2016. *58th ASH Annual Meeting and Exposition*
17. Churchman ML, Qian M, Zhang R, Kronnie G, Yang W, Zhang H, Lana T, Tedrick P, Baskin R, Verbist K, **Devidas M**, Raetz E, Larsen E, Martin PL, Bowman WP, Winick N, Mardis ER, Fulton RS, Stanulla M, Evans WE, Relling MV, Pui CH, Handgretinger R, Hunger SP, Loh ML, Nichols KE, Mullighan C, Yang JJ. Germline Genetic Variation in IKZF1 and Predisposition to Childhood Acute Lymphoblastic Leukemia, December 2016. *58th ASH Annual Meeting and Exposition*

18. Kang H, Sharma N, Nickl CK, Ness S, **Devidas M**, Wood BL, Asselin BL, Raetz E, Carroll WL, Winnick N, Loh ML, Hunger SP, Heerema NA, Carroll AJ, Dunsmore KP, Larson RS, Winter SS, Matlawska-Wasowska K. New Insights into Deregulated Gene Expression Pathways in MLL- and AF10-Rearranged T-Lineage Acute Lymphoblastic Leukemia, December 2016. *58th ASH Annual Meeting and Exposition*
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22. Brown P, Kairalla J, Wang C, Dreyer Z, Salzer W, Sorenson M, Borowitz M, Carroll A, Heerema N, Rao K, Gore L, **Devidas M**, Carroll W, Winick N, Raetz E, Loh M, Hunger S, Hilden J. Addition of FLT3 inhibitor lestaurtinib to post-induction chemotherapy does not improve outcomes in mll-rearranged infant acute lymphoblastic leukemia (ALL): AALL0631, a Children's Oncology Group Study, October 2016. *48th Congress of the International Society of Paediatric Oncology (SIOP)*
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26. Liu Y, Easton J, Shao Y, Wilkinson M, Edmonson M, Ma X, Smith MA, Rusch M, Auvil JG, Gerhard DS, Relling MV, Winick NJ, Raetz E, **Devidas M**, Willman CL, Harvey RC, Carroll WL, Dunsmore KP, Winter SS, Wood BL, Downing JR, Loh ML, Hunger SP, Zhang J, Mullighan CG. The genomic landscape of childhood T-lineage acute lymphoblastic leukemia, December 2015. *57th ASH Annual Meeting and Exposition*
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 29. Moriyama T, Metzger M, Wu G, Nishii R, Qian M, **Devidas M**, Yang W, Quinn E, Gastier-Foster J, Raetz E, Larsen EC, Martin PL, Bowman WP, Winick NJ, Komada Y, Mardis ER, Fulton R, Pui CH, Evans WE, Zhang J, Hunger SP, Relling MV, Nichols KE, Loh M, and Yang JJ. Germline Genetic Variation in ETV6 and Predisposition to Childhood Acute Lymphoblastic Leukemia, December 2015. *57th ASH Annual Meeting and Exposition*
 30. Winter SS, **Devidas M**, Chen S, Asselin B, Carroll WL, Wood BL, Esiashvili N, Briegel JN, Hayashi RJ, Loh ML, Carroll AJ, Heerema NA, Raetz E, Winick NJ, Hunger SP, Dunsmore KP. Capizzi-Style Methotrexate with Pegasparagase (C-MTX) Is Superior to High-Dose Methotrexate (HDMTX) in T-Lineage Acute Lymphoblastic Leukemia (T-ALL): Results from Children's Oncology Group (COG) AALL0434, December 2015. *57th ASH Annual Meeting and Exposition*
 31. Raetz E, Loh ML, **Devidas M**, Maloney K, Larsen EC, Mattano LA, Borowitz MJ, Wood BL, Carroll AJ, Heerema NA, Chen IM, Friedmann AM, Schultz KR, Relling MV, Harvey RC, Gastier-Foster J, Willman CL, Winick NJ, Hunger SP, Carroll WL. Genetic and Response-Based Risk Classification Identifies a Subgroup of NCI High Risk Childhood B-Lymphoblastic Leukemia (HR B-ALL) with Outstanding Outcomes: A Report from the Children's Oncology Group (COG), December 2015. *57th ASH Annual Meeting and Exposition*

32. Salzer W, Burke MJ, Larsen EC, Chen S, Gore L, Hilden JM, Loh ML, Raetz E, Winick NJ, Carroll WL, **Devidas M**, Hunger SP. Incidence of Allergic Reactions to Pegaspargase (PEG) Administered Intramuscularly Versus Intravenously (IM vs. IV) in Children and Young Adults with High Risk B-Lymphoblastic Leukemia (HR B-ALL): Results of Children's Oncology Group (COG) Studies AALL0232/AALL1131, December 2015. *57th ASH Annual Meeting and Exposition*
33. Rabin KR, Hitzler J, Rodriguez V, Schore R, Angiolillo A, Burke MJ, Salzer W, Maloney K, Lu X, **Devidas M**, Loh ML, Raetz E, Hunger SP. Treatment-Related Mortality (TRM) in Children with Down Syndrome (DS) and B-Lymphoblastic Leukemia (B-ALL): An Interim Report from the Children's Oncology Group Trials AALL0932 and AALL1131, December 2015. *56th Annual Meeting of the American Society of Hematology, San Francisco, CA* (Oral presentation).
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35. Slayton WB, Kairalla JA, Schultz KR, **Devidas M**, Helian S, Pulsipher M, Chang BH, Carroll WL, Borowitz MJ, Brown VI, Winick NJ, Carroll AJ, Heerema NA, Gastier-Foster JM, Wood BL, Mizrahy SL, Hunger S. Outcomes of Dasatinib plus intensive chemotherapy or stem cell transplant (SCT) for Philadelphia Chromosome-Positive Acute Lymphoblastic Leukemia (Ph+ ALL) on Children's Oncology Group AALL0622, May 2015. *51st ASCO Annual Meeting*
36. Burke M, **Devidas M**, Chen S, Gore L, Larsen E, Hilden JM, Loh ML, Winick NJ, Carroll WL, Raetz EA, Hunger S, Salzer WL. Feasibility of intensive post-Induction therapy incorporating clofarabine (CLOF) in the very high risk (VHR) stratum of patients with newly diagnosed high risk B-lymphoblastic leukemia (HR B-ALL): Children's Oncology Group AALL1131, May 2015. *51st ASCO Annual Meeting*
37. Maloney KW, Angiolillo AL, Schore RJ, **Devidas M**, Lu X, Wang C, Friedmann AM, Mattano LA, Loh ML, Raetz EA, Stork LC, Winick NJ, Hunger S, Carroll WL. Association of intravenous (IV) and intramuscular (IM) pegaspargase (PEG) administration with rate of adverse events (AE) in standard risk (SR) Acute Lymphoblastic Leukemia (ALL) Children's Oncology Group (COG) trials, May 2015. *51st ASCO Annual Meeting*
38. Wood B, Winter S, Dunsmore K, **Devidas M**, Chen S, Asselin B, Esiashvili N, Loh M, Winick N, Carroll W, Raetz E, Hunger S. T-lymphoblastic leukemia (T-ALL) shows excellent outcome, lack of significance of the early thymic precursor (ETP) immunophenotype, and validation of the prognostic value of end-induction minimal residual disease (MRD) in Children's Oncology Group (COG) study AALL0434, December 2014. *56th ASH Annual Meeting and Exposition*
39. Lassaletta A, Figueredo D, Alcaraz E, Aponte S, Servin J, Mattio I, Zelada O, **Devidas M**, Perez-Martinez A, Ramirez M, Carceller F, Howard S, Caniza M, Ribeiro R, Masera G, Madero L, Samudio A. Improving Survival in Children with Acute Lymphoblastic Leukemia in

- Paraguay: Twinning program works! September 2013. *45th Congress of the International Society of Paediatric Oncology (SIOP)*, Hong Kong, China. (poster presentation).
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 42. Horton TM, Lu X, O'Brien MM, Borowitz MJ, **Devidas M**, Raetz EA, Brown PA, Zeng H (g), Hunger S, Whitlock J. Bortezomib reinduction therapy to improve response rates in pediatric ALL in first relapse: A Children's Oncology Group (COG) study (AALL07P1), June 2013. *48th Annual Meeting of the American Society of Clinical Oncology, Chicago, IL*. (oral presentation).
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 46. Slayton WB, Schultz KR, Jones T, Raetz E, **Devidas M**, Pulsipher MA, Loh M, Chang BH, Carroll WL, Borowitz MJ, Silverman LB, Brown VI, Winick N, Carroll AJ, Heerema NA, Gastier-Foster JM, Wood BL, Mizrahy SL, Merchant TE, Hunger SP. Continuous Dose Dasatinib Is Safe and Feasible in Combination with Intensive Chemotherapy in Pediatric Philadelphia Chromosome Positive Acute Lymphoblastic Leukemia (Ph⁺ ALL): Children's

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 58. Angiolillo AL, Schore RJ, Reaman GH, Winick NJ, **Devidas M**, Zheng HW, Wood C, Lane AR, Raetz EA, Carroll WL, Hunger SP. Pharmacokinetic (PK) and pharmacodynamic (PD) properties of SC-PEG e. coli L-asparaginase (EZN-2285) in the treatment of patients with acute lymphoblastic leukemia (ALL): Results from Children's Oncology Group study AALL07P4, 2012. *47th Annual Meeting of the American Society of Clinical Oncology, Chicago, IL*. (poster presentation).
 59. Sun D, Kaeding A, Magoon D, Jones T, **Devidas M**, Carroll AJ, Heerema NA, Loh ML, Raetz EA, Winick NJ, Carroll WL, Dreyer ZE, Hunger S, Hilden JM, Brown PA. Safety and biological activity of the FLT3 inhibitor lestaurtinib in infant *MLL*-rearranged (*MLL-r*) ALL: Children's Oncology Group protocol AALL0631, 2012. *47th Annual Meeting of the American Society of Clinical Oncology, Chicago, IL*. (poster presentation).
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64. Lau S, Balsamo L, **Devidas M**, Lu X, Winick N, Hunger S, Carroll W, Maloney K, Kadan-Lottick N. Family life events in the first year after diagnosis of standard risk (SR) acute lymphoblastic leukemia (ALL): A report from Children's Oncology Group (COG) AALL0331, 2012. *25th Annual meeting of the American Society of Pediatric Hematology/Oncology, New Orleans, LA* (poster presentation).
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72. Roberts KG, Morin RD, Zhang J, Hirst M, Harvey RC, Kasap C, BS⁵ Chen X, Edmonson M, Chen I-M, Shah N, **Devidas M**, Reaman G, Smith M, Pui C-P, Downing JR, Gerhard DS, Willman CL, Loh ML, Hunger SP, Marra M, Mullighan CG. Novel Chromosomal Rearrangements and Sequence Mutations in High-risk Ph-like Acute Lymphoblastic Leukemia, 2011, *53rd Annual Meeting of the American Society of Hematology, San Diego, CA* (Oral presentation).
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 135. Borowitz, M.J., **Devidas, M.**, Hunger, S.P., Carroll, A.J., Carroll, W.L., Linda, SB, Pullen, D.J., Willman, C.L., Winick, N., Camitta, B.M., ”Prognostic Significance Of End Consolidation Minimal Residual Disease (MRD) In Childhood Acute Lymphoblastic Leukemia(All): A Report From The Children’s Oncology Group,” *2008, 44th Annual Meeting of the American Society of Clinical Oncology, Chicago, IL.*
 136. Dunsmore, K.P, **Devidas, M.**, Borowitz, M.J., Winick, N., Hunger, S.P., Carroll, W.L., Camitta, B.M., “Nelarabine in Combination with Intensive Modified BFM AALL00P2 a Pilot Study for the Treatment of High Risk T-ALL A Report from the Children’s Oncology Group,” *2008, 44th Annual Meeting of the American Society of Clinical Oncology, Chicago, IL.*
 137. Maloney, K., Carroll, W.L., Carroll, A.J., **Devidas, M.**, Hunger, S.P., Martin, P.L., Willman, C.L., Winick, N., Whitlock, J., Camitta, B.M., “The Biology of Down Syndrome (DS) Acute Lymphoblastic Leukemia (ALL) differs from that of non-DS ALL: Children’s Oncology Group (COG) study P9900,” *2008, 44th Annual Meeting of the American Society of Clinical Oncology, Chicago, IL.*
 138. Asselin, B.L, **Devidas, M**, Camitta, BM., Lipshultz, S., ” Dexrazoxane (Dzr, Zinecard[™]) can be added safely to Intensive Multi-agent Chemotherapy in patients with T-ALL and T-NHL,” *2008, 21st Annual Meeting of the American Society of Pediatric Hematology Oncology, Cincinnati, OH.*

139. Martin, P.L, Winick, N., **Devidas, M.**, Shuster, J., Borowitz, M.J., Bowman, P., Larsen, E., Pullen, J., Hunger, S.P., Carroll, W.L., Camitta, B.M., "Equivalent Outcomes with 4hr vs 24hr IV Methotrexate (MTX) Infusions During Intensification Therapy for Childhood ALL: POG 9904/9905: A Children's Oncology Group Study (COG)," 2008, 21st Annual Meeting of the American Society of Pediatric Hematology Oncology, Cincinnati, OH.
140. Maloney, K, Larsen, E., Mattano, L., Friedmann, A., **Devidas, M.**, Sather, M., Whitlock, J., Hunger, S.P., Winick, N., Carroll, W.L., "Improvement in the Infection-related Mortality for Children with Down Syndrome (DS) in Contemporary Children's Oncology Group (COG) Acute Lymphoblastic Leukemia (ALL) Clinical Trials," 2008, 21st Annual Meeting of the American Society of Pediatric Hematology Oncology, Cincinnati, OH.
141. Mulligan, C.G, Su, X., Ma, J., Yang, W., Relling, M.V., Carroll, W.L., Reaman, G., Bowman, P., **Devidas, M.**, Hunger, S, Downing, J.R., "Genome-Wide Profiling of High-Risk Pediatric Acute Lymphoblastic Leukemia (ALL): The ALL Pilot Project for the Therapeutically Applicable Research To Generate Effective Treatments (TARGET) Initiative," 2007, 49th Annual Meeting of the American Society of Hematology, Atlanta, GA.
142. Winick, N., Martin, P.L., **Devidas, M.**, Shuster, J., Borowitz, M.J., Bowman, P., Larsen, E., Pullen, J., Hunger, S.P., Carroll, W.L., Camitta, B.M. "Delayed Intensification (DI) Enhances Event-Free Survival (EFS) of Children with B-Precursor Acute Lymphoblastic Leukemia (ALL) Who Received Intensification Therapy with Six Courses of Intravenous Methotrexate (MTX): POG 9904/9905: A Children's Oncology Group Study (COG)," 2007, 49th Annual Meeting of the American Society of Hematology, Atlanta, GA.
143. Yang, J, Bhojwani, D, Yang, W., Fan, Y., **Devidas, M.**, Hunger, S.P., Willman, C., Raetz, E., Relling, M.V., Carroll, W.L., "Genome-Wide Profiling Reveals Recurring Molecular Defects in Relapsed Childhood Acute Lymphoblastic Leukemia (ALL): A Children's Oncology Group Study," 2007, 49th Annual Meeting of the American Society of Hematology, Atlanta, GA.
144. Loh, M.L., Raetz, E., **Devidas, M.**, Linda, S.B., Borowitz, M.J., Carroll, A.J, Chen, I.L., Gastier-Foster, J.M., Heerema, N.A., Harvey, R.C., Larsen, E., Maloney, K., Willman, C.L., Winick, N., Wood, B., Hunger, S.P., Carroll, W.L., "Early Response to Therapy Is Significantly Associated with Genetic Subtype of Acute Lymphoblastic Leukemia: A Report from the Children's Oncology Group," 2007, 49th Annual Meeting of the American Society of Hematology, Atlanta, GA.
145. Trevino, L.R, Yang, W., Hunger, S.P., Carroll, W.L., **Devidas, M.**, Willman, C.L., Downing, J., Evans, W.E., Pui, C.H., Relling, M.V., "Children with t(12;21)/TEL-AML1-Positive Acute Lymphoblastic Leukemia Exhibit a Distinct Germline Genomic Signature," 2007, 49th Annual Meeting of the American Society of Hematology, Atlanta, GA.
146. Gaynon, P.S., Camitta, B.M., Matloub, Y., Martin, P.L., Winick, N., Seibel, N.L., Bowman, P., Sather, H.N., **Devidas, M.**, Hunger, S.P., Carroll, W.L., "Outcomes for B-Precursor Patients in Legacy Children's Cancer Group (CCG) and Pediatric Oncology Group (POG) Studies in Childhood Acute Lymphoblastic Leukemia (ALL): A Children's Oncology Group (COG) Report," 2007, 49th Annual Meeting of the American Society of Hematology, Atlanta, GA.

147. Carson, TY (r), Bell, B.A., Erdmann, G., Bostrom, B., Camitta, B.M., **Devidas, M.**, "Possible Advantage of Twice-Daily 6-Mercaptopurine Dosing in Children with Acute Lymphoblastic Leukemia (ALL)," 2007, 49th Annual Meeting of the American Society of Hematology, Atlanta, GA.
148. Kang, H., Bedrick, E.J., Chen, I., Wilson, C.S., Atlas, S.R., Harvey, R.C., Hunger, S.P., **Devidas, M.**, Borowitz, M.J., Bowman, P., Carroll, W.L., Camitta, B.M., Reaman, G.H., Willman, C.L., Molecular Classifiers for Prediction of Minimal Residual Disease (MRD) and Event Free Survival (EFS) Improve Risk Assignment at Diagnosis in Pediatric High-Risk B Precursor Acute Lymphoblastic Leukemia (ALL): A Children's Oncology Group Study," 2007, 49th Annual Meeting of the American Society of Hematology, Atlanta, GA.
149. Harvey, R.C., Davidson, G.S. Wang, X., Dobbin, K.K., Bedrick, E.J., Wilson, C.S., Atlas, S.R., Kang, H., Chen, I., Hunger, S.P., **Devidas, M.**, Carroll, W.L., Bowman, P., Camitta, B.M., Reaman, G.H., Willman, C.L., "Expression Profiling Identifies Novel Genetic Subgroups with Distinct Clinical Features and Outcome in High-Risk Pediatric Precursor B Acute Lymphoblastic Leukemia (B-ALL). A Children's Oncology Group Study," 2007, 49th Annual Meeting of the American Society of Hematology, Atlanta, GA.
150. Schultz, K.R., Bowman, W.P., Slayton, W., Aledo, A., **Devidas, M.**, Sather, H.N., Borowitz, M.J., Davies, S.M., Trigg, M., Pasut, B., Jorstad, D., Eslinger, T., Burden L.E., Wang, C., Rutledge, R., Gaynon, P.S., Carroll, A.J., Heerema, N.A., Winick, N., Hunger, S.P., Carroll, W.L., Camitta, B.M., "Improved Early Event Free Survival (EFS) in Children with Philadelphia Chromosome-Positive (Ph+) Acute Lymphoblastic Leukemia (ALL) with Intensive Imatinib in Combination with High Dose Chemotherapy: Children's Oncology Group (COG) Study AALL0031,"(PLENARY SESSION) 2007, 49th Annual Meeting of the American Society of Hematology, Atlanta, GA.
151. Reaman, G.H., **Devidas, M.**, "ALL in infants: The COG strategy and plans," 2007, 39th Congress of the International Society of Paediatric Oncology (SIOP), Mumbai, India.
152. Dreyer, Z., Dinndorf, P., Hilden, J., Sather, H., Sanders, J., **Devidas, M.**, Reaman, G., Camitta, B.M., "Hematopoietic Stem Cell Transplant (HSCT) vs Intensive chemotherapy in Infant Acute Lymphoblastic Leukemia (ALL)," 2007 43rd Annual Meeting of the American Society of Clinical Oncology, Chicago, IL.
153. Schultz, K.R., Pullen, J., Sather, H., Shuster, J., **Devidas, M.**, Borowitz, M., Carroll, A.J., Heerema, N.A., Loh, M., Raetz, E., Winick, N., Hunger, S.P., Carroll, W.L., Gaynon, P., Camitta, B.M., "Biology-Driven Classification Of Childhood Acute Lymphoblastic Leukemia: A Combined Analysis Of Prognostic Markers From The Pediatric Oncology Group (POG) And Children's Cancer Group (CCG)," 2006, 48th Annual Meeting of the American Society of Hematology, Orlando, FL.
154. Borowitz, M.J., **Devidas, M.**, "Prognostic Significance Of Minimal Residual Disease (MRD) In Childhood B-Precursor All And Its Relation To Other Risk Factors. A Childrens Oncology Group (COG) Study," 2006, 48th Annual Meeting of the American Society of Hematology, Orlando, FL.

155. Winick, N., Borowitz, M.J., **Devidas, M.**, "Changes in the Delivery of Standard Chemotherapeutic Agents during Induction Affect Early Measures of Minimal Residual Disease (MRD): POG 9900 for Patients with B-Precursor Low and Standard Risk ALL," 2006, 48th Annual Meeting of the American Society of Hematology, Orlando, FL.
156. Maloney, K., Larsen, E., Mattano, L.A., Friedmann, A.M., **Devidas, M.**, Sather, H., Hunger, S.P., Winick, N., Carroll, W.L., "Increased Infection-related Mortality for Children with Down Syndrome (DS) in Contemporary Children's Oncology Group (COG) Acute Lymphoblastic Leukemia (ALL) Clinical Trials," 2006, 48th Annual Meeting of the American Society of Hematology, Orlando, FL.
157. Rubnitz, J., Wichlan, D., **Devidas, M.**, Shuster, J.J., Kurtzberg, J., Bell, B., Hunger, S.P., Chauvenet, A., Pui, Ching-Hon, Camitta, B.M., Pullen, J., "Prospective Analysis of *TEL* and *MLL* Gene Rearrangements in Childhood Acute Lymphoblastic Leukemia: a Children's Oncology Group Study," 2006, 48th Annual Meeting of the American Society of Hematology, Orlando, FL.
158. Eapen, M., Zhang, M.J., Raetz, E., **Devidas, M.**, Carroll, W.L., Ritchey, A.K., Barredo, J.C., Godder, K., Grupp, S.A., Lewis, V.A., Davies, S.M., Camitta, B.M., "Outcomes after HLA-matched sibling transplants or chemotherapy in children with acute lymphoblastic leukemia in a second remission after an isolated central nervous system relapse," 2006, 48th Annual Meeting of the American Society of Hematology, Orlando, FL.
159. Dunsmore K.P., Camitta, B.M., **Devidas, M.**, Borowitz, M., Winick, N., Hunger, S.P., Carroll, W.L., "Nelarabine can be safely incorporated into an intensive, multiagent chemotherapy regimen for the treatment of T-cell acute lymphocytic leukemia in children: a report of the Children's Oncology Group AALL00P2 protocol for T-cell leukemia," 2006, 48th Annual Meeting of the American Society of Hematology, Orlando, FL.
160. Harrison, M (g), Bell, B., Chauvenet, A., Kurtzberg, J., Camitta, B.M., **Devidas, M.**, "Testicular relapse in lesser, standard, and high risk patients treated with frontline therapy for childhood ALL: Pediatric Oncology Group protocols 9201, 9405, 9605, and 9406," 2006, 48th Annual Meeting of the American Society of Hematology, Orlando, FL.
161. Raetz, E., Borowitz, M., **Devidas, M.**, Hunger, S.P., Winick, N., Camitta, B.M., Gaynon, P.S., Carroll, W.L. "Outcomes of children with first marrow relapse: results from Children's Oncology Group study AALL01P2," 2006, 48th Annual Meeting of the American Society of Hematology, Orlando, FL.
162. Bell, B.A., Abish, S.B., Chauvenet, A., Kurtzberg, J., Pullen, J., **Devidas, M.**, Shuster, J., Camitta, B.M., "A report of the Event-Free Survival for children with Newly diagnosed Standard Risk Acute Lymphoblastic Leukemia (ALL) treated on Pediatric Oncology Group (POG) protocol 9605," 2005, 47th Annual Meeting of the American Society of Hematology, Atlanta, GA.
163. Rice, MA (g), Bell, B.A., Chauvenet, A., Kurtzberg, J., Abish, S.A., Pullen, J., **Devidas, M.**, Camitta, B.M., "Thrombotic and Hemorrhagic Events for patients on Pediatric Oncology Group protocols 9201, 9605, 9406," 2005, 47th Annual Meeting of the American Society of Hematology, Atlanta, GA.

164. Rhodes, S (g), Bell, B.A., Abish, S.B., Pullen, J., Chauvenet, A., Kurtzberg, J., **Devidas, M.**, Shuster, J., Camitta, B.M., "A report of the Event-Free Survival and Neurotoxicity for children with Newly diagnosed Standard Risk Acute Lymphoblastic Leukemia (ALL) on Pediatric Oncology Group (POG) protocol 9405," 2005, 47th Annual Meeting of the American Society of Hematology, Atlanta, GA.
165. Mehta, PA (f), Davies, S.M., Kumar, A., **Devidas, M.**, Lee, S., Wilke, T., Elliott, J., Villaneuva, J., Pullen, J., Zewge, Y., Filipovich, A.H., "Perforin Polymorphism A91V and susceptibility to childhood Acute Lymphoblastic Leukemia (ALL)," 2005, 47th Annual Meeting of the American Society of Hematology, Atlanta, GA.
166. Borowitz, M.J, **Devidas, M.**, Bowman, W.P., Larsen, E., Pullen, J., Camitta, B.M., "Prognostic Significance of Minimal Residual Disease (MRD) in Children with Acute Lymphoblastic Leukemia (ALL)," 2005, 47th Annual Meeting of the American Society of Hematology, Atlanta, GA.
167. Eapen, M., Raetz, E., Zhang, M., Muehlenbein, C., **Devidas, M.**, Abshire, T., Billett, A., Homans, A., Camitta, B.M., Carroll, W., Davies, S. "Outcomes after HLA-Matched Sibling Transplants or Chemotherapy in Children with Acute Lymphoblastic Leukemia in Second Remission: A Collaborative Study of the Children's Oncology Group (COG) and the Center for International Blood and Marrow Transplant Research (CIBMTR)," 2005, 47th Annual Meeting of the American Society of Hematology, Atlanta, GA.
168. Chang, M., **Devidas, M.**, Anderson, J, "Designs for Phase II Window Studies", 2005, Joint Statistical Meetings, Minneapolis, MN.
169. Chauvenet, A.R., Martin, P.L., Bell, B., Kurtzberg, J., Pullen, J., Shuster, J., **Devidas, M.**, Linda, S.B., Camitta, B. "Anti-Metabolite Therapy For Lesser Risk B-Lineage Acute Lymphoblastic Leukemia Of Childhood: Pediatric Oncology Group Study 9201", 2005, 37th Meeting of Societe Internationale D'Oncologie Pediatrique (International Society of Paediatric Oncology), Vancouver, Canada.
170. Chauvenet, A.R., Martin, P.L., Bell, B., Kurtzberg, J., Pullen, J., Shuster, J., **Devidas, M.**, Linda, S.B., Camitta, B. "Anti-Metabolite Therapy For Lesser Risk B-Lineage Acute Lymphoblastic Leukemia Of Childhood: Pediatric Oncology Group Study 9201", Selected for Platform Presentation at 2005, 18th Annual Meeting of the American Society of Pediatric Hematology Oncology, Washington, D.C.
171. Borowitz, M.J., **Devidas, M.**, Hunger, S.P., Carroll, W.L., Raetz, E., "Minimal Residual Disease(MRD) In Childhood Acute Lymphoblastic Leukemia(All) In Relapse -A Children's Oncology Group (COG) Study", 2004, 46th Annual Meeting of the American Society of Hematology, San Diego, CA.
172. Davies, S.M., Borowitz, M., **Devidas, M.**, Winick, N., Martin, P.L., Bowman, P., Elliott, J., Linda, S., Cook, E.H., Relling, M.V, "Pharmacogenetics of Minimal Residual Disease Response in Children with Acute Lymphoblastic Leukemia", 2004, 46th Annual Meeting of the American Society of Hematology, San Diego, CA.

173. Matloub, Y., Asselin, B.L., Stork, L.C., **Devidas, M.**, Sather, H., Nachman, J., Seibel, N., Carroll, W., Camitta, B., Gaynon, P.S. "Outcome of Children with T-Cell Acute Lymphoblastic Leukemia (T-ALL) and Standard Risk (SR) Features: Results of CCG-1952, CCG-1991 and POG 9404", 2004, 46th Annual Meeting of the American Society of Hematology, San Diego, CA.
174. Seibel, N.L., Asselin, B.L., Nachman, J.B., Steinherz, P., Camitta, B., **Devidas, M.**, Sather, H.N. "Treatment of High Risk T-cell Acute Lymphoblastic Leukemia (T-ALL): Comparison of Recent Experience of the Children's Cancer Group (CCG) and Pediatric Oncology Group (POG)", 2004, 46th Annual Meeting of the American Society of Hematology, San Diego, CA.
175. Chesley, R (f), Bell, B.A., **Devidas, M.**, Bostrom, B., Erdmann, G., Sterikoff, S., Camitta, B. "A Comparison of Hepatotoxicity and Neutropenia in Children Given Oral Mercaptopurine on a Twice-Daily versus Once-Daily Dosing Schedule for Acute Lymphoblastic Leukemia: A Pediatric Oncology Group Study", Poster presentation at 2004, 46th Annual Meeting of the American Society of Hematology, San Diego, CA.
176. Link, M.P., **Devidas, M.**, Murphy, S.B., Behm, F.G., Hutchison R., "Favorable treatment outcome of children with early stage large B-cell and anaplastic large cell lymphomas", 2004, 40th Annual Meeting of the American Society of Clinical Oncology, New Orleans, LA.
177. Schwartz, C.L., Wexler, L.H., **Devidas, M.**, Goorin, A., Grier, H., Meyers, P., Bernstein, M., "P9754 Therapeutic intensification in non-metastatic Osteosarcoma: A COG trial", 2004, 40th Annual Meeting of the American Society of Clinical Oncology, New Orleans, LA.
178. Varisco, BM. (f), Bell, BA., Pullen, J., Chauvenet, A., Kurtzberg, J., **Devidas, M.**, Camitta, BM., "The Prognostic Significance of Induction Day-15 Bone Marrow Aspirate (BMA) in Newly Diagnosed Childhood B-precursor Acute Lymphoblastic Leukemia (ALL): A Pediatric Oncology Group Study," 2004, 17th Annual meeting of the American Society for Pediatric Hematology Oncology, San Francisco, CA.
179. Berg, SL., Blaney, SM., Bernstein, M., Kurtzberg, J., **Devidas, M.**, Lampkin, T., Murgo, A., Harris, MB., "Activity of Compound 506U78 in Patients with Refractory T-cell Malignancies: A POG/CCG Intergroup Phase II study," Accepted for presentation at the 2003, 45th Annual Meeting of the American Society of Hematology, 2003, San Diego, California.
180. Barredo, JC., Lauer, S., Billet, A., Marymount, MA., **Devidas, M.**, Camitta, B., Winick, N., Carroll, W., Ritchey, A.K., "Isolated CNS Relapse Of Acute Lymphoblastic Leukemia (ALL) Treated With Intensive Systemic Chemotherapy And Delayed CNS Radiation: A Pediatric Oncology Group Study," 2003, 39th Annual Meeting of the American Society of Clinical Oncology, 2003, Chicago, IL.
181. Reddy, V., Tzolas, A (g), **Devidas, M.**, Iturraspe, J., Boyette, R., Wingard, J.R., "Circulating dendritic cells (dc1 and dc2) at engraftment correlate with relapse and survival after allogeneic stem cell transplantation," 2001, 43th Annual Meeting of the American Society of Hematology, Orlando, Florida.

182. Tzolas, A (g), **Devidas, M.**, Iturraspe, J., Boyette, R., Wingard, J.R., Reddy, V., “Type I dendritic cells (DCI) in allogeneic donor peripheral Blood stem cell product are associated with an increase in acute graft-versus-host disease,” 2001, 43th Annual Meeting of the American Society of Hematology, Orlando, Florida.
183. Tzolas, A (f), **Devidas, M.**, Salansky, J (f), Cartwright, B., Mina, S., Wingard, J.R., Reddy, V., “Non-myeloablative conditioning is associated with reduced pro-inflammatory cytokine storm compared to myeloablative conditioning after allogeneic stem cell transplantation,” 2001, 43th Annual Meeting of the American Society of Hematology, Orlando, Florida.
184. Tzolas, A (f), **Devidas, M.**, Iturraspe, J., Boyette, R., Wingard, J.R., Reddy, V., Non-myeloablative and myeloablative peripheral Blood stem cell transplantation: Comparison of post-transplant complications and survival,” 2001, 43th Annual Meeting of the American Society of Hematology, Orlando, Florida..
185. Schwartz, C.L., Bernstein, M., Teot, L., **Devidas, M.**, Link, M. “Cyclosporin A (CSA), to Overcome Multiple Drug Resistance in Osteogenic Sarcoma (OS): A Pediatric Oncology Group Study (POG 9357),” 2001, 33rd Meeting of the International Society of Paediatric Oncology, Brisbane, Australia.
186. Bernstein, M., Goorin, A., **Devidas, M.**, Lafreniere, D., Stine, K., Meyers, P., Grier, H. “Topotecan and Topotecan / Cyclophosphamide Window therapy in patients with Ewing Sarcoma (EWS) Metastatic at Diagnosis: An intergroup Pediatric Oncology Group Study (POG 9457),” 2001, 33rd Meeting of the International Society of Paediatric Oncology, Brisbane, Australia.
187. Granowetter, L., Womer, R., **Devidas, M.**, Perlman, E., Shamberger, R., Link, M., Neff, J., Marcus, K., Sailer, S., Goorin, A., Arndt, C., Dickman, P., Gebhardt, M., Grier, H., “Comparison of Dose Intensified and Standard Dose Chemotherapy for the Treatment of non-metastatic Ewing Sarcoma (EWS) and Primitve Neuroectodermal Tumor (PNET) of Bone and Soft Tissue: A Pediatric Oncology Group – Children’s Cancer Group Phase III trial,” 2001, 33rd Meeting of the International Society of Paediatric Oncology, Brisbane, Australia. **Won the SIOP award for best paper**
188. **Devidas, M.**, Kepner, J.L. “Sample Sizes for Phase II Historical Control Studies,” 2001, Joint Statistical Meetings, Atlanta, Georgia.
189. Pappo, A., **Devidas, M.**, Jenkins, J., Marcus, R., Gebhardt, M., Pratt, C., Thomas, P., Rao, B., Grier, H., “Vincristine, Ifosfamide, Doxorubicin and G-CSF for Pediatric Unresected Metastatic Non-Rhabdomyosarcomatous Soft Tissue Sarcomas: a Pediatric Oncology Group (POG) Study,” 2001, 37th Annual Meeting of American Society of Clinical Oncology, San Francisco, CA.
190. Reddy, V., Salansky, J (f), **Devidas, M.**, Bohsali, K., Lincoln G., Pollock, B.H., Boyette, R., Wingard, J.R., “Allogeneic Stem Cell Transplantation with Non Myeloablative Conditioning is Associated with Reduced Levels of Tumor Necrosis Factor- α compared with Myeloablative Conditioning,” 2001, International Bone Marrow Transplant Meeting, Keystone, Colorado.

Contributed National

1. Reshmi SC, Harvey RC, Smith A, Chen I-M, Valentine M, Liu Y, Li Y, Zhang J, Roberts KG, Shao Y, Easton J, Payne-Turner D, **Devidas M**, Heerema N, Carroll AJ, Raetz EA, Borowitz MJ, Wood BL, Angiolillo A, Burke MM, Salzer WL, Zweidler-McKay PA, Rabin KR, Carroll WL, Loh ML, Hunger SP, Mullighan CG, Willman CL, Gastier-Foster JM. Frequency of Actionable Gene Fusions in Patients with Philadelphia Chromosome-like (Ph-like) B-Acute Lymphoblastic Leukemia (ALL): A Study from the Children's Oncology Group (COG). *Cancer Research (Proceedings: AACR 106th Annual Meeting 2015); 75: Abstract #4729 (Oral Session Presentation at AACR 2015)*
2. Leclerc, G.J (f), Sanderson, S., Hunger, S.P., **Devidas, M.**, Barredo, J.C., "Non-random translocations alter FPGS and other folate-related genes mRNA expression: TEL-AML1 and E2A-PBX1 fusions specifically down-regulate FPGS transcription in cell lines and primary samples of acute lymphoblastic leukemia," 2009, 100th Annual Meeting of the American Association for Cancer Research, Denver, CO.
3. Mulligan, C.G., Zhang, J., Harvey, R.C., Collins-Underwood, J.R., Schulman, B.A., Phillips, L.A., Tasian, S.K., Loh, M.L., Su, X., Liu, W., **Devidas, M.**, Atlas, S.R., Chen, I., Clifford, R.J., Gerhard, D., Carroll, W.L., Reaman, G.H., Smith, M., Downing, J.R., Hunger, S.P., Willman, C.L., "Frequent JAK mutations in pediatric acute lymphoblastic leukemia (ALL) with poor outcome: A new therapeutic target in resistant disease," 2009, 100th Annual Meeting of the American Association for Cancer Research, Denver, CO.
4. Gedman A (f), Chen Q, Desmoulin S, Cherian C, **Devidas M**, Linda SB, Ge Y (f), Taub J, Matherly LH., "The impact of NOTCH1 on PI3K-AKT signaling and dependence on the PTEN status in T-cell acute lymphoblastic leukemia," AACR; :Abstract 2192, 2009, 100th Annual Meeting of the American Association for Cancer Research, Denver, CO.
5. Yang JJ, Yang W, Cheng C, **Devidas M**, Cao X, Campana D, Borowitz M, Willman CL, Bowman W, Reaman GH, Carroll WL, Hunger S, Evans WE, Pui C, Relling MV., "Characterization of germline genetic variants underlying racial disparities of childhood leukemia outcome," 2009, 2nd American Association for Cancer Research Conference on The Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved, Carefree, AZ.
6. Ge, Y (f), Haska, C., LaFiura, K.M., **Devidas, M.**, Linda, S.B., Taub, J., Matherly, L.H., "Gene Expression Profiles in childhood Acute Lymphoblastic Leukemia identify prognostic roles for multidrug resistance-associated Protein 2 and Reduced Folate Carrier," 2005, 97th Annual meeting of American Association for Cancer Research, Orlando, FL.
7. Shamberger, R., Gebhart, M., Neff, J., Tarbell, N., Marcus, K., Sailer, S., Womer, R., Miser, J., Dickman, P., Perlman, E., **Devidas, M.**, Linda, S.B., Krailo, M., Grier, H., Granowetter, L. "Ewing Sarcoma of the Chest Wall: The Impact of Initial versus Delayed resection on Tumor Margins, Survival, and use of Radiation therapy," 2003, Annual meeting of the American Surgical Association.

8. Bernstein, M., Devidas, M., Meyers, P., Lafreniere, D., Goorin, A., Grier, H. "Amifostine Cytoprotection: A randomized Children's Oncology Group study in Ewing Sarcoma," 2002, *Annual Meeting of the Connective Tissue Oncology Society*, San Francisco, CA.

Invited Regional

1. **Devidas M.**, "Statistical Practices in a Cooperative Group Setting," *Annual Meeting of the Florida Chapter of the American Statistical Association, 2011*, Tampa, FL.
2. **Devidas, M.**, Kepner, J.L. "Sample Sizes for Phase II Historical Control Studies," *Department of Biostatistics & Bioinformatics, Duke University, 2001*, Durham, NC.

Invited Local

Devidas M. "Children's Oncology Group – An overview," *Department of Pharmaceutical Outcomes and Policy, College of Pharmacy, University of Florida, 2013*, Gainesville, FL.

Contributed Local

1. Borowitz, M.J., Devidas, M., Bowman, W.P., Larsen, E., Pullen, J., Camitta, B.M., "Prognostic Significance of Minimal Residual Disease (MRD) in Children with Acute Lymphoblastic Leukemia (ALL)," *Poster Presentation, Annual University of Florida Shands Cancer Center Research Poster Session (May 24, 2006), University of Florida, Gainesville, FL.*
2. Chang, M., Devidas, M., Anderson, J., "Designs for Phase II Window Studies", *Poster Presentation, Annual University of Florida Shands Cancer Center Research Poster Session (May 24, 2006), University of Florida, Gainesville, FL.*
3. Borowitz, M.J., Devidas, M., Bowman, W.P., Larsen, E., Pullen, J., Camitta, B.M., "Prognostic Significance of Minimal Residual Disease (MRD) in Children with Acute Lymphoblastic Leukemia (ALL)," *Poster Presentation, College of Medicine Annual Research Day (April 11, 2006), University of Florida, Gainesville, FL.*
4. Chang, M., Devidas, M., Anderson, J., "Designs for Phase II Window Studies", *Poster Presentation, College of Medicine Annual Research Day (April 11, 2006), University of Florida, Gainesville, FL.*
5. **Devidas, M.**, Use of Historical Controls in Randomized Clinical Trials, Brown bag seminar series, *Department of Statistics, College of Medicine, 2004*, University of Florida, Gainesville, FL.

SERVICE

UNIVERSITY GOVERNANCE AND SERVICE

a. University

Member, Biostatistics Core, University of Florida Health Cancer Center, 2000-Present

Member, Graduate Faculty, University of Florida, 1998-Present

Membership in Data Safety Monitoring Boards

Member, Data Safety and Monitoring Board for the randomized trial to examine the effects of lowering serum uric acid on the incidence of postoperative acute kidney injury (University of Florida), 2008 – Present

Member, Data Safety and Monitoring Board for the trial on Uric Acid and Hypertension in African-Americans (University of Florida), 2005 – 2010

Member, Data Safety and Monitoring Board, Randomized trial for Prophylactic Use of Nesiritide for the Prevention of Acute Renal Failure in Thoracic Aortic Aneurysm Surgery Patients (University of Florida), 2005 – 2008

Membership in University Committees

Member, President's Minority Mentor Program Council, 2009 – 2013

Member, University Sustainability Committee, 2009 - 2012

Member, Environmental Health & Safety Committee, 2006 - 2007

b. College

Member, Public Health & Health Professions Research Committee, University of Florida, 2011-2017

Member, Public Health & Health Professions Research Finance Aid Committee, University of Florida, 2014-Present

Member, Search Committee for Founding Chair, Department of Biostatistics, 2011, 2012

Judge, College of Medicine Annual Research Day Poster presentations (University of Florida) 2006

c. Department/Center

Departmental Committees

Member, Department Development Committee, Department of Biostatistics, Colleges of Medicine, Public Health & Health Professions, University of Florida, 2014-Present.

Member, Research Finance Committee, Department of Biostatistics, Colleges of Medicine, Public Health & Health Professions, University of Florida, 2014-Present.

Member, Faculty Development Committee, Department of Biostatistics, Colleges of Medicine, Public Health & Health Professions, University of Florida, 2013-Present.

Chair, Admissions Committee, Department of Biostatistics, Colleges of Medicine, Public Health & Health Professions, University of Florida, 2013-2014.

Member, Admissions Committee, Department of Biostatistics, Colleges of Medicine, Public Health & Health Professions, University of Florida, 2011-2012.

Chair, Curriculum Committee, Department of Epidemiology & Health Policy Research, College of Medicine, University of Florida, 2006-2010

Chair: Search Committee, Systems Administrator for COG, 2006.

Chair: Challis Lectureship Committee, Department of Statistics, University of Florida, 2004.

Member, Challis Lectureship Committee, Department of Statistics, University of Florida, 2002

Member, Search Committees for various departmental positions including Program Assistant, Business Manager, Administrative Services Coordinator, faculty 2002, 2006 – 2011

Chair: Search Committee, Director of Information Systems for COG, 2001.

Chair: Search Committee, Assistant Statisticians for COG, 2001,2003,2006, 2007, 2010, 2012, 2013, 2014, 2016, 2017.

COG Committees/Roles

Group Statistician, Children's Oncology Group Statistics & Data Center 2013 - 2016

PI and Program Director, Children's Oncology Group Statistics & Data Center 2014 – Present

PI and Associate Program Director, Children's Oncology Group Statistics & Data Center 2009 - 2014

Lead Statistician, Acute Lymphoblastic Leukemia Disease Committee, Children's Oncology Group 2006 – Present

Associate Program Director, Children's Oncology Group Statistics & Data Center 2002-2009

Coordinating Statistician, Children's Oncology Group Statistics & Data Center (COG SDC), Gainesville, Florida branch, 2002-2006, 2009 - Present.

Resource Statistician, Bone Sarcomas Disease Committee, Children's Oncology Group 1999-2007

Resource Statistician, Relapsed Acute Lymphoblastic Leukemia Disease Subcommittee, Children's Oncology Group 1998-2006

Service to the Profession

Chair: Invited Session, 33rd Annual Meeting of the Society for Clinical Trials, Miami, Florida, 2012.

Chair: Contributed Session, 33rd Annual Meeting of the Society for Clinical Trials, Miami, Florida, 2012.

Ad hoc Reviewer: NIH/National Cancer Institute, Special Emphasis Panel/Scientific Review Group
2015-Present

Ad hoc Reviewer: VA Rehabilitation Research & Development Merit Reviews, 2012-Present

Ad hoc Reviewer: Grants, St. Baldrick's Foundation, 2011-Present

Ad hoc Reviewer: NIH Clinical Oncology Study Section, 2009, 2010

Ad hoc Reviewer: NIH Cancer Biomarkers Study Section, 2010

Member, Data Safety and Monitoring Board, Acute Lymphoblastic Leukemia Trial, PSI Inc.

Member, Data Safety and Monitoring Board, Acute Lymphoblastic Leukemia Trial, Novartis

Member, Data Safety and Monitoring Board, Acute Lymphoblastic Leukemia Clinical Trial, Pfizer

Member, Advisory Board, Applying Biomarkers to Minimize Long-term Effects in Child and Adolescent Cancer Treatment, Grant from the Canadian Institutes of Health (PI Schultz), University of British Columbia, Vancouver, Canada, 2012 – 2017

Member, Data Safety and Monitoring Board, GIFT study, The Ohio State University College of Medicine

Member, Data Safety and Monitoring Board, Trials coordinated by the NIH sponsored Pediatric Bone Marrow Transplant Consortium (PBMTTC), 2006 – Present

Member, Finance Committee, Society for Clinical Trials, 2004-2010

Other research or scholarly accomplishments

Associate Editor: Editorial Review Board, Journal of Biomedical Graphics and Computing 2011-present.

Member: Editorial Board:

Global Scientific Research Journals 2017-present

Journal of Leukemia Research 2017- present

Biostatistics and Biometrics Open Access Journal 2016- present

Journal of Clinical Oncology, 2013 – present.

Pediatric Blood & Cancer, 2007 – present.

Journal of Hematological Malignancies, 2011-present

American Journal of Occupational Therapy, 1995-1999.

Journal of Clinical Pediatric Dentistry, 1995-1999.

Referee: Journal of Infection and Public Health, 2013-present

Referee: Journal of the National Cancer Institute, 2011-present

Referee: Journal of Pediatric Hematology and Oncology, 2011-present

Referee: Pediatric Blood and Cancer, 2005-Present.

Referee: Journal of Clinical Oncology, 2008 – Present.

Referee: Clinical Oncology in Adolescents and Young Adults, as part of Dovepress – Open access to peer-reviewed scientific and medical research, 2010 - Present

Referee: Contemporary Clinical Trials, 2010 – Present

Referee: Journal of Hematological Malignancies, Sciedu Press, 2011-present

Referee: Proceedings of the Indian National Science Academy - Reviews & Tracts, Part B, 2002.

Referee: American Association of Cancer Research, 2007-2010.

Referee: Cancer Management and Research, as part of Dovepress – Open access to peer-reviewed scientific and medical research, 2011

Reviewer: Children’s Oncology Group (COG) Translational Research grant proposals, 2005 - 2008.

Reviewer: COG Young Investigator Research grant proposals, 2005 - 2008.

Reviewer: Grants, Children with Leukemia Foundation, United Kingdom

Reviewer: Children’s Oncology Group (COG) Acute Lymphoblastic Leukemia Biology Subcommittee, 2002 – Present;

Member: American Statistical Association, 1991- present

Member: American Society of Hematology, 2009 - present

Member: American Society of Clinical Oncology, 2009 - present

Member: Society for Clinical Trials, 2000 - present

Member: Pediatric Oncology Group/Children’s Oncology Group, 1998 - present

Member: International Biometric Society ENAR, 2000 - 2010

Member: International Association for Statistical Computing, 2000 - 2006

Member: Mississippi Breast & Cervical Cancer Prevention and Control program, Surveillance Committee, Mississippi State Department of Health, 1995-1997

Member, Children’s Oncology Group (COG) Committees listed below –

COG Executive Committee, 2002 - 2003, 2013-2016.

COG Informatics Advisory Committee, 1999 - 2004.

COG Scientific Council, 2006 – 2017

Responsible for the statistical review of concepts / protocols for future clinical trials in various disease areas, and amendments to existing studies; submitted for approval to the Scientific Council prior to submission to the National Cancer Institute. The council monitors new study and other research development for scientific merit and ensures that they are in line with the overall mission, goals, and strategic plan for the group (COG).

Executive Committee, Acute Lymphoblastic Leukemia Disease Committee 1998 – Present

As Lead Statistician for the ALL disease committee, am involved in decision making regarding strategic plans for the committee with respect to the design of future trials, monitoring/coordination of currently open trials, setting publications priorities for the committee, prioritizing / allocating statistical resources for various ALL projects; Coordinate ALL activities and projects with the ALL statistics/data management team consisting of 8 other members; have final responsibility for all decisions on statistical issues related to ALL trials. As part of this committee, involved in discussions with international pediatric leukemia groups in Europe and Asia, on strategies for future international trials in rare subsets of pediatric cancers – provide input on study design, and sample size calculations which impact feasibility of developing and running these trials. As part of various international working groups in ALL, collaborate with clinicians and statisticians on research projects which have resulted in publications in peer-reviewed journals.

Member of International Trial Development committees (involving COG and similar groups from Europe, China, Japan) for the next international trial in Infant ALL and also for Ph+ ALL. Play a critical role in strategizing on possible trial designs that would help efficient conduct of these trials in rare subpopulations of ALL, even with the pooling of the patients from across the European pediatric clinical trials groups.

Steering Committee, Acute Lymphoblastic Leukemia Disease Committee 1998 – Present

Statistician for frontline and relapsed ALL trials.

Steering Committee, Bone Tumors Committee 1999-2009

Resource statistician for Osteosarcoma and Ewing Sarcoma trials. Responsible for the conduct/monitoring of three bone tumor trials.

Statistics Discipline Committee, 1998 - Present.

Statistician for various COG trials; coordinate the activation, data collection, monitoring of trials in ALL and some Bone tumors.

COG Institutional and Individual Membership Committee, 2002 - Present.

Discipline representative to the COG Institutional and Individual Membership Committee. Work with committee members to determine acceptability of institutional and individual applicants for membership to the Children's Oncology Group. Provide input on applications from institutions for re-certification – institutions are evaluated at regular time periods in order to ensure that they have the facilities /resources to provide the standard of care mandated by COG and the National Cancer Institute, when participating in COG clinical trials.

COG Surgery Discipline Committee, 2000 - 2009.

Statistics Discipline representative to the Surgery committee. Work closely with the pediatric surgeons on research projects involving analysis of surgical data from COG trials. Update the Group Statistician on specific issues related to these.

COG Minority Subjects Advisory Committee, 2005 – 2009

Statistics Discipline representative to the committee

HONORS AND AWARDS

Member: Phi Kappa Phi honor society, Sigma Xi scientific society

President's Leadership Award, University of Memphis, 1987.

President, International Students Association, University of Memphis, 1986-87.

President, Graduate Students Association in Statistics, University of Memphis, 1989-90.