

CURRICULUM VITAE

Name: JULIE M. GASTIER-FOSTER, PhD, FACMG

Office address: Nationwide Children's Hospital
Institute for Genomic Medicine
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Columbus, Ohio 43205
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julie.gastier-foster@nationwidechildrens.org

Education:

- 1996-1999 Clinical Medical Genetics/Postdoctoral Fellow
Stanford University School of Medicine
Stanford, CA
Research Advisor: Uta Francke, MD
Research Topics: Functional analysis of the Wiskott-Aldrich syndrome protein (WASP); Analysis of deletions that cause Laron Syndrome
- 1991-1996 PhD in Genetics
Harvard Medical School/Harvard University
Department of Genetics, Boston, MA
Thesis Advisors: Geoffrey M. Duyk, MD, PhD and George M. Church, PhD
Thesis Topics: Identification of human genetic markers based on trinucleotide repeat sequences; Cloning of the breakpoints of a pericentric inversion in a family with a novel developmental defect
- 1987-1991 BS in Biotechnology (Highest Honors)
Rochester Institute of Technology
Department of Biology, Rochester, NY

Board Certifications:

- 1999 (recertified 2008) American Board of Medical Genetics and Genomics, Clinical Molecular Genetics
- 1999 (recertified 2008) American Board of Medical Genetics and Genomics, Clinical Cytogenetics

Clinical Responsibilities:

- 2016 – present Senior Director, Clinical Laboratory
The Institute for Genomic Medicine
Nationwide Children's Hospital, Columbus, OH
Administrative oversight; implementation of clinical Next Generation Sequencing program; review of clinical cytogenetics and clinical molecular genetics cases
- 2002 – present Director/Principal Investigator
Children's Oncology Group Molecular Reference Laboratories
(Acute Lymphoblastic Leukemia started 2002; Neuroblastoma started 2006; Wilms tumor 2009-2014)
Nationwide Children's Hospital, Columbus, OH
Processing, centralized testing for molecular risk classification, and case review of COG clinical trials patients

1999 – present Vice Chair of Laboratory Genetics (2012-present)
 Director, Cytogenetics / Molecular Genetics Laboratory (2007-2012)
 Director, Molecular Genetics Laboratory (2002-2007)
 Assistant Director, Cytogenetics Laboratory (1999-2002)
 Department of Pathology and Laboratory Medicine
 Nationwide Children’s Hospital, Columbus, OH
 Participate in strategy discussions for Department of Pathology &
 Laboratory Medicine. Support goals and mission of department.

Professional Experience:

2009 – present Principal Investigator, NCI Center for Cancer Genomics Biospecimen
 Core Resource (The Cancer Genome Atlas 2009-2016)
 The Research Institute at Nationwide Children’s Hospital
 Columbus, OH

2002 – present Assistant Medical Director
 Biopathology Center
 Co-Principal Investigator, Children’s Oncology Group and SWOG
 Biospecimen Banks (SWOG started 2012)

2005 – 2012 Laboratory Training Director
 Clinical Molecular Genetics, Clinical Cytogenetics Fellowship Program
 Nationwide Children’s Hospital

1999 – present Professor, Clinical (2012 – present)
 Associate Professor, Clinical (2009 – 2012)
 Assistant Professor, Clinical (1999 – 2009)
 Department of Pathology (Pediatrics appointment added 2006)
 Ohio State University College of Medicine

1996 – 1999 Research Associate/Laboratory Manager
 Howard Hughes Medical Institute
 Stanford University School of Medicine

1991 Research Assistant
 Fisons Pharmaceuticals, Rochester, NY
 PI: David Reif, PhD

1990 Summer Undergraduate Researcher
 University of Michigan, Ann Arbor, MI
 PI: Ronald Woodard, PhD

1989 Summer Undergraduate Researcher
 University of North Carolina, Chapel Hill, NC
 PI: Ronald Swanstrom, PhD

Grant Support (total funding to The Research Institute at Nationwide Children’s Hospital for all years):

Current:

03/01/16-04/30/20

CHOP/NIH/NCI
 Title: ARST1431 BIQSFP
PI: Julie M. Gastier-Foster, PhD
 \$335,914

03/01/17-02/28/18

Children’s Oncology Group Foundation
 Title: COG Neuroblastoma Reference Laboratory

PI: Julie M. Gastier-Foster, PhD
\$513,331

02/01/17-09/25/21 Leidos Biomedical Research Inc./NIH/NCI
Title: Pediatric NCI-MATCH APEC1621
PI: Julie M. Gastier-Foster, PhD
\$3,448,596

01/17/17-07/16/17 Leidos Biomedical Research Inc./NIH
Title: Ovarian Met Pilot Project (OMPS)
PI: Julie M. Gastier-Foster, PhD
\$16,197

02/13/17-07/31/17 Leidos Biomedical Research Inc./NIH/NCI
Title: Genetic Epidemiology of Kidney Cancer Etiology (GEPIKID)
PI: Julie M. Gastier-Foster, PhD
\$124,011

01/10/17-08/31/17 Leidos Biomedical Research Inc./NIH/NCI
Title: Hong Kong Breast Project (HKB)
PI: Julie M. Gastier-Foster, PhD
\$49,789

01/25/17-08/31/17 Leidos Biomedical Research Inc./NIH/NCI
Title: Prostate, Lung, Colon, and Ovary Cancer Screening Trial
PI: Julie M. Gastier-Foster, PhD
\$39,558

10/01/16-09/30/19 Leukemia and Lymphoma Society
Title: A Master Protocol for Biomarker-Based Treatment of AML (The Beat AML Trial)
PI: Julie M. Gastier-Foster, PhD
\$1,119,462

09/06/16-03/5/20 Childrens Hospital of Philadelphia (CHOP)/Incyte Corporation
Title: AALL1521 Lab Work
PI: Julie M. Gastier-Foster, PhD
\$1,142,719

10/05/16-08/31/17 Leidos Biomedical Research/NIH
Title: DCEG Multiple Primaries Project
PI: Julie M. Gastier-Foster, PhD
\$287,850

07/01/16-06/30/17 Leidos Biomedical Research Inc./NIH/NCI
Title: Pediatric NCI-MATCH APEC1621 - Informatics
PI: Julie M. Gastier-Foster, PhD
\$352,450

07/01/16-06/30/18 Children's Oncology Group Foundation/St. Baldrick's Foundation
Title: Project Every Child
PI: Julie M. Gastier-Foster, PhD
\$523,384

06/01/16-05/31/18 Children's Oncology Group Foundation
Title: Centralized FOXO1 FISH Testing
PI: Ruthann Pfau, Ph.D.,
Co-I: Julie M. Gastier-Foster, PhD

	\$82,847
05/01/16-10/31/17	Alex's Lemonade Stand Title: PPTC PDX PI: Julie M. Gastier-Foster, PhD \$59,021
02/01/16-06/30/17	Johns Hopkins University/Breast Cancer Research Foundation Title: Aurora US Project PI: Julie M. Gastier-Foster, PhD \$225,170
12/14/15-07/31/17	Leidos Biomedical Research Inc./NIH/NCI Title: Chernobyl Genomics Study (CGS) PI: Julie M. Gastier-Foster, PhD \$338,119
09/15/15-04/30/20	OSU College of Medicine/NIH Title: Precision Medicine for Dilated Cardiomyopathy in European and African Ancestry PI: Ray Hershberger, MD Co-I: Julie M. Gastier-Foster, PhD \$757,206
07/01/15-06/30/20	St. Jude Children's Research Hospital/NIH Title: Center for Precision Medicine in Leukemia (P50) PI: Mary Relling, PharmD Co-I: Julie M. Gastier-Foster, PhD \$482,451
04/01/15-03/31/20	NIH/NCI Title: COG Biospecimen Bank PIs: Nilsa Ramirez, MD / Julie M. Gastier-Foster, PhD \$17,455,303
04/01/15-03/31/20	NIH/NCI Title: SWOG Biospecimen Bank PIs: Nilsa Ramirez, MD / Julie M. Gastier-Foster, PhD / James Rae, PhD \$17,503,185
04/01/15-03/31/20	NIH/NCI Title: NRG Oncology Biospecimen Bank PIs: Richard C.K. Jordan, DDS, PhD / Soon Paik, MD / Nilsa Ramirez, MD Co-I: Julie M. Gastier-Foster, PhD \$6,306,222
03/01/15-08/31/17	Leidos Biomedical Research Inc./NIH/NCI Title: Cancer Driver Discovery Program (CDDP) PI: Julie M. Gastier-Foster, PhD \$2,294,065
03/01/15-08/31/17	Leidos Biomedical Research Inc./NIH/NCI Title: Center for Cancer Genomics Biospecimen Core Resource (CCG BCR) PI: Julie M. Gastier-Foster, PhD \$7,620,481

09/15/14-08/31/17	Leidos Biomedical Research Inc./NIH/NCI Title: Alchemist PI: Julie M. Gastier-Foster, PhD \$2,165,040
08/04/14-08/31/17	Leidos Biomedical Research Inc./NIH/NCI Title: Exceptional Responders Initiative PI: Julie M. Gastier-Foster, PhD \$731,805
03/01/14-02/28/19	Children's Hospital of Philadelphia/NIH/NCI Title: COG NCTN Solid Malignancy Integrated Translational Science Center Subcontract PI: Julie M. Gastier-Foster, PhD \$193,262
03/01/14-02/28/19	Children's Oncology Group/NIH/NCI Title: ANBL1232 Integral Marker Testing Subcontract PI: Julie M. Gastier-Foster, PhD \$1,578,488
10/01/13-09/30/18	New York University School of Medicine/Leukemia & Lymphoma Society Title: Developing Novel Therapies for Pediatric and Young Adult ALL PI: William Carroll Co-I: Julie M. Gastier-Foster, PhD \$436,060
07/01/13-06/30/18	Children's Hospital of Philadelphia/St. Baldrick's Foundation Title: Testing Targeted Therapy in Philadelphia Chromosome-like (Ph-like) ALL PI: Stephen Hunger, MD Co-I: Julie M. Gastier-Foster, PhD \$392,869
10/01/12-09/30/17	The Hope Foundation Title: SWOG CD138 PI: Julie M. Gastier-Foster, PhD \$73,130
09/24/12-09/23/17	Leidos Biomedical Research Inc./NIH/NCI Title: Burkitt Lymphoma Project PI: Julie M. Gastier-Foster, PhD \$549,070
06/20/12-06/19/17	Leidos Biomedical Research Inc./NIH/NCI Title: Collection of Clinical Data for the OCG Projects (HIV+ Tumor Project) PI: Julie M. Gastier-Foster, PhD \$659,109
11/16/11-11/15/21	Bristol-Myers Squibb Pharmaceutical Research Institute Title: Laboratory Services Agreement: Bristol-Myers Squibb PI: Julie M. Gastier-Foster, PhD \$1,538,428
04/01/14-03/31/20	NIH/National Cancer Institute Title: Pediatric CHTN: New Scope/Technology Aids Cancer Research

PI: Nilsa Ramirez, MD (as of 9/1/2007) / Stephen J. Qualman, MD (1991-2007)
Co-I: Julie M. Gastier-Foster, PhD
\$4,332,094

Pending:

10/01/17-09/30/20 The V Foundation for Cancer Research
Title: Integrating Genomic Alterations and mRNA Expression Profiling As Biomarkers for Risk Stratification in Rhabdomyosarcoma
PI: Michael Arnold, MD, PhD
Co-I: Julie M. Gastier-Foster, PhD
\$185,785

09/01/17-08/31/22 Yale University
Title: Ramirez & Gastier-Foster CIMAC Project
PI: Elaine Mardis, PhD
Co-I: Julie M. Gastier-Foster, PhD
\$36,085

04/01/17-03/31/22 Dana Farber Cancer Institute
Title: Tumor and Host Markers of Clinical Outcomes after MIGB Therapy in Neuroblastoma
PI: Elaine Mardis, PhD
Co-I: Julie M. Gastier-Foster, PhD
\$324,298

07/01/17-06/30/21 St. Baldrick's Foundation
Title: DNA and mRNA Markers for Risk Stratification in Rhabdomyosarcoma
PI: Michael Arnold, MD
Co-I: Julie M. Gastier-Foster, PhD
\$296,340

07/01/17-06/30/18 Children's Oncology Group Foundation
Title: Neuroblastoma Arrays
PI: Julie M. Gastier-Foster, PhD
\$317,612

07/01/17-06/30/18 St. Baldrick's Foundation
Title: Identification of Genetic Alterations in Relapsed Standard Risk ALL
PI: Catherine Cottrell, PhD
Co-I: Julie M. Gastier-Foster, PhD
\$131,704

07/01/17-01/31/18 Children's Oncology Group
Title: ARST08P1
PI: Ruthann Pfau, PhD
Co-I: Julie M. Gastier-Foster, PhD
\$99,909

06/01/17-05/31/22 National Institutes of Health (NIH)
Title: Center for Cancer Genomics Biorepository & Archive Services
PI: Julie M. Gastier-Foster, PhD
\$102,393

06/01/17-05/31/22 National Institutes of Health (NIH)
Title: Center for Cancer Genomics Biospecimen Processing Center

PI: Julie M. Gastier-Foster, PhD
\$11,754,179

05/01/17-04/30/22 Sanofi Aventis
Title: S1702 Myeloma Processing and Banking
PI: Julie M. Gastier-Foster, PhD
\$85,267

03/01/17-02/28/23 Children's Hospital of Philadelphia
Title: AALL1631 BIQSFP Integral and Additions
PI: Julie M. Gastier-Foster, PhD
\$1,545,562

02/01/17-01/31/21 Children's Oncology Group
Title: AEWS1221 – Correlative with NantOmics
PI: Julie M. Gastier-Foster, PhD
\$11,147

02/01/17-01/31/18 National Institutes of Health (NIH)
Title: Hong Kong Breast Study (Additional Cases)
PI: Julie M. Gastier-Foster, PhD
\$10,126

01/01/17-12/31/23 Children's Hospital of Philadelphia
Title: AGCT1531 BIQSFP
PI: Julie M. Gastier-Foster, PhD
\$3,870

01/01/17-12/31/22 Dana Farber Cancer Institute
Title: ANBL1531 Correlative Studies
PI: Julie M. Gastier-Foster, PhD
\$186,353

01/01/17-12/31/22 Children's Hospital of Philadelphia
Title: ANBL1531 Correlative Study #1 Protein Expression and Outcome
in Neuroblastoma
PI: Julie M. Gastier-Foster, PhD
\$11,157

01/01/17-12/31/22 Children's Hospital of Philadelphia
Title: ANBL1531 Correlative Study #2 Protein Markers of Clinical Benefit
from I-MIBG
PI: Julie M. Gastier-Foster, PhD
\$14,124

01/01/17-12/31/21 Celgene
Title: S1211
PI: Julie M. Gastier-Foster, PhD
\$226,479

01/01/17-12/31/18 Gynecologic Oncology Group
Title: GOG-0286B – Phase II/III
PI: Julie M. Gastier-Foster, PhD
\$19,500

01/01/17-12/31/17 University of Chicago
Title: ALTE15N2
PI: Julie M. Gastier-Foster, PhD

	\$51,218
12/01/16-06/30/17	Children's Oncology Group Title: Testing for Unknown Targetable Fusions in High Risk Ph-Like ALL Patients PI: Shalini Reshmi, PhD Co-I: Julie M. Gastier-Foster, PhD \$75,775
09/01/16-09/30/21	Children's Hospital of Philadelphia/NIH/NCI Title: ANBL1531 BIQSFP Integral Marker Testing PI: Rochelle Bagatell, MD Subcontract PI: Julie M. Gastier-Foster, PhD \$465,926
07/01/16-06/30/22	Southwest Oncology Group-Clinical Trials Initiative Title: S1606 Myeloma Processing and Banking Support PI: Julie M. Gastier-Foster, PhD \$254,010
03/01/16-02/28/21	Children's Hospital of Philadelphia/NIH/NCI Title: AALL1631 BIQSFP (Ph+ ALL) Subcontract PI: Julie M. Gastier-Foster, PhD \$1,393,258
02/01/16-07/31/21	Children's Hospital of Philadelphia/NIH/NCI Title: ACNS1422 BIQSFP (Medulloblastoma) Subcontract PI: Julie M. Gastier-Foster, PhD \$605,462
<u>Completed:</u>	
12/01/15-05/31/17	Children's Oncology Group /Hyundai Foundation Title: COGF-QiaSymphony Work Order PI: Julie M. Gastier-Foster, PhD \$112,683
06/01/16-04/30/17	Children's Oncology Group (COG) Foundation Title: Assessment of New Methodologies for Comprehensive and Timely Identification of Actionable Gene Fusions in Philadelphia-like (Ph-like) in High-Risk (HR) B-Acute Lymphoblastic Leukemia (ALL) PI: Shalini Reshmi PhD, FACMG Co-I: Julie M. Gastier-Foster, PhD \$89,623
03/01/16-02/28/17	Children's Oncology Group Foundation Title: COG Neuroblastoma Reference Laboratory PI: Julie M. Gastier-Foster, PhD \$602,242
03/01/16-02/28/17	Children's Oncology Group (COG) Foundation Title: Alternative Methodologies to Identify Actionable Gene Fusions in Philadelphia-like (Ph-like) in High-Risk (HR) B-Acute Lymphoblastic Leukemia (ALL) PI: Shalini Reshmi PhD, FACMG Co-I: Julie M. Gastier-Foster, PhD \$74,929

03/01/16-02/28/17	Children's Hospital of Philadelphia/NIH/NCI Title: MATCH Scientific Leadership PI: Julie M. Gastier-Foster, PhD \$14,216
04/01/15-03/31/17	Children's Oncology Group Foundation/Jeffrey Pride Foundation Title: Genomic Characterization of Philadelphia Chromosome Like ALL (Ph-like ALL) PI: Julie M. Gastier-Foster, PhD \$141,938
03/01/14-02/29/17	Children's Hospital of Los Angeles/NIH/NCI Title: Molecular Diagnostics for Risk Stratification and Monitoring of Neuroblastoma PI: Robert Seeger Co-I: Julie M. Gastier-Foster, PhD \$191,993
05/26/15-07/31/16	Leidos Biomedical Research/NIH/NCI Title: EAGLE PI: Julie M. Gastier-Foster, PhD \$457,967
07/01/15-06/30/16	NIH/NCI Title: Pilot Studies for Hong Kong Breast Cancer Cases PI: Julie M. Gastier-Foster, PhD \$75,525
03/01/08-02/29/16	Children's Hospital of Philadelphia/NIH/NCI Title: COG Neuroblastoma Reference Laboratory Subcontract PI: Julie M. Gastier-Foster, PhD \$1,766,109
05/23/12-09/30/15	Leidos Biomedical/NIH/NCI Title: Biospecimen Core Resource for The Cancer Genome Atlas PI: Julie M. Gastier-Foster, PhD \$23,311,318
10/01/12-09/30/15	The University of Utah/Leukemia and Lymphoma Society Title: Development and Implementation of a Novel Prognostic Test in ALL PI: Rodney Miles, MD, PhD Co-I: Julie M. Gastier-Foster, PhD \$219,865
11/01/14-09/03/15	Seattle Children's Research Institute Title: ARST0531 PAX3/7 FISH (Hawkins) PI: Julie M. Gastier-Foster, PhD \$13,271
09/01/11-08/31/15	University of Texas Southwestern Medical Center/St. Baldrick's Foundation Title: Molecular Targeting in Non-Rhabdomyosarcoma Soft Tissue Sarcoma PI: Stephen Skapek Co-I: Julie M. Gastier-Foster, PhD \$170,353
01/01/15-07/09/15	The Hope Foundation

Title: SWOG S0703
PI: Julie M. Gastier-Foster, PhD
\$58,504

03/23/15-06/30/15 NIH/NCI
Title: A Pilot Study Assessing the Somatic Genetics of Prostate Cancer in a West African Population
PI: Julie M. Gastier-Foster, PhD
\$10,972

07/15/10-06/30/15 St. Jude Children's Research Hospital/NIH/NCI
Title: Pharmacogenomics of Anticancer Agents Research in Children
PI: Mary Relling, PharmD
Co-I: Julie M. Gastier-Foster, PhD
\$596,273

07/01/14-06/30/15 University of New Mexico / St. Baldrick's Foundation
Title: Identification, Characterization, and Treatment of Ph-like Standard Risk ALL
PI: Cheryl Willman
Co-I: Julie M. Gastier-Foster, PhD
\$39,551

11/04/11-05/31/15 Leidos Biomedical Research Inc./NIH/NCI
Title: TARGET BPC
PI: Julie M. Gastier-Foster, PhD
\$824,861

11/01/13-04/30/15 Children's Hospital of Philadelphia/NIH/NCI
Title: ANBL12P1
PI: Julie Park
Co-I: Julie M. Gastier-Foster, PhD
\$40,000

04/01/14-03/31/15 Rally Foundation/University of Chicago
Title: 1q Gain to Stratify Favorable Histology Wilms Tumor
PI: Julie M. Gastier-Foster, PhD
\$22,713

04/01/12-03/31/15 Oregon Health Sciences Center (SWOG)/NIH/NCI
Title: Tumor Banking for the Southwest Oncology Group (previously University of Michigan)
PI: Nilsa Ramirez, MD
Co-I: Julie M. Gastier-Foster, PhD
\$1,527,751

04/01/10-03/31/15 Children's Hospital of Philadelphia/NIH/NCI
Title: Children's Oncology Group Acute Myeloid Leukemia Bank
Subcontract PI: Julie M. Gastier-Foster, PhD
\$892,568

03/01/08-03/31/15 Children's Hospital of Philadelphia/NIH/NCI
Title: COG Acute Lymphoblastic Reference Laboratory
Subcontract PI: Julie M. Gastier-Foster, PhD
\$2,481,029

04/01/05-03/31/15 Children's Hospital of Philadelphia/NIH/NCI
Title: ALL – Specimen Banking

Subcontract PI: Julie M. Gastier-Foster, PhD
\$1,711,715

12/01/12-10/31/14 CureSearch for Children's Cancer
Title: Prospective Anaplastic Lymphoma Kinase Testing in Neuroblastoma
PI: Julie Park, MD
Co-I: Julie M. Gastier-Foster, PhD
\$33,000

07/01/12-06/30/14 Seattle Children's Research Institute/St. Baldrick's Foundation
Title: Prognostic Significance of Gene Fusion for Low and High Risk Rhabdomyosarcoma
PI: Erin Rudzinski, MD
Co-I: Julie M. Gastier-Foster, PhD
\$35,893

11/01/12-05/31/14 Children's Hospital of Philadelphia
Title: NBL ALK Testing Project
PI: Julie M. Gastier-Foster, PhD
\$50,000

03/01/09-05/31/14 Children's Hospital of Philadelphia/NIH/NCI
Title: COG Wilms Tumor Reference Lab
Subcontract PI: Julie M. Gastier-Foster, PhD
\$386,990

03/01/08-02/28/14 Children's Hospital of Philadelphia/NIH/NCI
Title: Soft Tissue Sarcoma FISH Studies
Subcontract PI: Julie M. Gastier-Foster, PhD
\$442,837

12/01/12-11/30/13 CureSearch for Children's Cancer
Title: Rhabdomyosarcoma: PAX3 and PAX7 FISH Analysis
PI: Erin Rudzinski, MD
Co-I: Julie M. Gastier-Foster, PhD
\$30,529

04/01/12-09/30/13 CureSearch for Children's Cancer
Title: COG ALL High Risk Molecular Markers
PI: Julie M. Gastier-Foster, PhD
\$50,000

09/30/10-09/29/13 St. Jude Children's Research Hospital/NIH/NCI
Title: Genomics of Racial Disparities in Childhood Leukemia Outcomes
PI: Mary Relling, PharmD
Co-I: Julie M. Gastier-Foster, PhD
\$249,606

08/01/12-09/01/13 CureSearch for Children's Cancer
Title: Prognostic Significance of PAX3 or PAX7/FOXO1 in low- and high-risk rhabdomyosarcoma
PI: Julie M. Gastier-Foster, PhD
\$25,000

08/01/12-08/01/13 CureSearch for Children's Cancer
Title: The Identification of Different Sub-Types of Medulloblastoma
PI: Julie M. Gastier-Foster, PhD

	\$56,719	
07/01/12-06/30/13		Seattle Children's Research Institute / St. Baldrick's Foundation Title: Prognostic Significance of Gene Fusion for Low and High Risk Rhabdomyosarcoma PI: Erin Rudzinski, MD Co-I: Julie M. Gastier-Foster, PhD \$35,893
04/01/12-03/31/13		CureSearch for Children's Cancer Title: CureSearch Support of COG Biopathology Initiatives PI: Julie M. Gastier-Foster, PhD \$50,000
09/24/10-03/30/13		NIH/NCI Title: Biospecimen Core Resource for The Cancer Genome Atlas Project PI: Julie M. Gastier-Foster, PhD \$11,542,415
01/01/12-12/31/12		University of Michigan / The Hope Foundation Title: SWOG S0703 PI: Julie M. Gastier-Foster, PhD \$57,385
09/30/09-08/31/12		Children's Hospital of Los Angeles/NCI/NIH Title: Translation of Predictive Cancer Biomarkers into Clinical Practice PI: Timothy Triche, MD, PhD Co-I: Julie M. Gastier-Foster, PhD
\$939,509		
09/30/09-08/31/12		National Childhood Cancer Foundation/NIH/NCI Title: Targeted Therapies in Childhood Acute Lymphoblastic Leukemia: Translating Discovery into Practice PI: Mignon Loh, MD Co-I: Julie M. Gastier-Foster, PhD \$573,157
09/01/09-08/31/12		National Childhood Cancer Foundation/NIH/NCI Title: Expansion of the Childhood Cancer TARGET Initiative – Neuroblastoma PI: John Maris, MD Subcontract PI: Julie M. Gastier-Foster, PhD \$46,854
08/01/09-03/30/12		National Childhood Cancer Foundation Title: Gynecologic Oncology Group – Specimen Banking PI: Nilsa Ramirez, MD Co-I: Julie M. Gastier-Foster, PhD \$543,182
03/01/10-02/28/12		National Childhood Cancer Foundation/NIH/NCI Title: Osteosarcoma TARGET Subcontract PI: Julie M. Gastier-Foster, PhD \$125,503
03/01/10-2/28/12		National Childhood Cancer Foundation/NIH/NCI Title: Wilms Tumor TARGET Subcontract PI: Julie M. Gastier-Foster, PhD \$60,051

01/01/11-12/31/11	Nationwide Children's Hospital Foundation Bulk Liquid Nitrogen Tank PI: Julie M. Gastier-Foster, PhD \$50,000
10/31/09-12/31/11	SAIC Frederick, Inc./ NIH/NCI Title: Biospecimen Core Resource for The Cancer Genome Atlas Project PI: Julie M. Gastier-Foster, PhD \$7,694,517
07/01/08-06/30/09	St. Baldrick's Foundation Title: Clinical Validation of Pediatric ALL Gene Signatures PI: Julie M. Gastier-Foster, PhD \$50,000
04/01/10-03/31/11	National Childhood Cancer Foundation/NIH/NCI Title: PI Salary Support for COG Banking Efforts Subcontract PI: Julie M. Gastier-Foster, PhD \$22,768
06/01/05-05/31/10	University of Pennsylvania / NIH Title: COG Studies of Gene Amplification in Rhabdomyosarcoma PI: Frederic Barr, MD, PhD Co-I: Julie M. Gastier-Foster, PhD (as of 9/1/07) \$534,920
09/01/08-08/31/10	Health Resources and Services Administration (HRSA) Title: Equipment Support for Personalized Medicine at Nationwide Children's Hospital PI: Julie M. Gastier-Foster, PhD \$284,030
09/29/09-08/27/10	NIH / NCI Title: COG Protocol AOST08B1 PI: Julie M. Gastier-Foster, PhD \$37,473
09/27/05-05/31/10	Children's Hospital Los Angeles/NIH/NCI Title: Diagnostic and Prognostic Sarcoma Signatures PI: Timothy Triche, MD, PhD Co-I: Julie M. Gastier-Foster (as of 9/1/07) \$517,994
04/27/09-04/26/10	SAIC-FREDERICK, Inc./NIH/NCI Title: BCR Pilot PI: Julie M. Gastier-Foster, PhD \$154,177
08/01/06-07/31/08	Johns Hopkins/NIH/NCI Title: Minimal Residual Disease in Pediatric ALL in Relation to Other Prognostic Factors PI: Michael Borowitz, MD PhD Co-I: Julie M. Gastier-Foster, PhD \$391,772
10/01/07-02/29/08	National Childhood Cancer Foundation/NIH/NCI Title: Pharmacogenetics Research Network

Subcontract PI: Julie M. Gastier-Foster
\$250,000

03/01/07-02/29/08 National Childhood Cancer Foundation/NIH/NCI
Title: Neuroblastoma TARGET Initiative
Subcontract PI: Julie M. Gastier-Foster
\$84,345

07/01/02-02/28/08 National Childhood Cancer Foundation/NIH/NCI
Title: COG Acute Lymphocytic Leukemia Reference Laboratory
Subcontract PI: Julie M. Gastier-Foster, PhD (as of 9/1/2007)
\$2,702,376

10/01/04-09/30/07 Muscular Dystrophy Association
Title: Transfer of Alpha-Sarcoglycan Gene to LGMD2D Patients
PI: Jerry Mendell, MD
Co-I: Julie M. Gastier-Foster, PhD
\$180,000

09/01/03-08/30/04 Foundation for the Children's Oncology Group/NIH/NCI
Title: Prognostic Significance of TEL-AML1 Fusion Status in CCG-1991 Patients
PI: Julie M. Gastier-Foster, PhD
\$50,000

07/01/01-06/30/03 Hope Street Kids
Title: O⁶-Alkylguanine-DNA Alkyltransferase Activity and Promoter Methylation in Common Pediatric Solid Tumors
PI: Thomas Gross, MD
Co-I: Julie M. Gastier-Foster, PhD
\$70,000

01/01/02-12/31/02 Children's Research Institute
Title: CYP450 2D6 Enzyme Activity and Pain Treatment in Sickle Cell Disease
PI: Mark Ranalli, MD
Co-I: Julie M. Gastier-Foster, PhD
\$23,470

Grant/Contract Reviewer:

2015 National Heart, Lung, and Blood Institute
2013, 2015-2017 St. Baldrick's Foundation

Journal Reviewer (ad hoc):

2017 Case Reports in Genetics
2017 Expert Review of Molecular Diagnostics
2016 Pediatric Blood & Cancer
2016 Journal of Clinical Oncology
2016 Blood Advances
2014 Clinical Genetics
2012 Molecular Syndromology
2011, 2016 European Journal of Human Genetics
2011, 2013 Journal of Molecular Diagnostics
2010 American Journal of Medical Genetics, Part A

2010, 2016 Genetics in Medicine
2000 – 2002 Human Mutation

Laboratory Awards (Students or Fellows in Gastier-Foster laboratory):

Columbus Children’s Research Institute Graduate Student Award (Catherine Cottrell, PhD student, 2004)
Columbus Children’s Research Institute Postdoctoral Fellow Award (Robin LeGallo, MD, 2004)
Society for Pediatric Pathology Gordon L. Vawter Pathologist-in-Training Award (Malti Pathak, Medical Student, 2003)

Professional Society Memberships:

American College of Medical Genetics and Genomics
American Society of Hematology
American Society of Human Genetics
Association for Molecular Pathology
Association of Genetic Technologists
Cancer Genomics Consortium
Children’s Oncology Group
International Cancer Genomics Consortium
Phi Kappa Phi Honor Society
SWOG (formerly Southwest Oncology Group)

Intramural Committees:

2012 – 2016 The Ohio State University College of Medicine Promotion & Tenure
2006 Internal Grant Review, Columbus Children’s Hospital
2004 – 2012 Internal Review Board, The Research Institute at Nationwide Children’s Hospital

Extramural Committees:

2016 – present COG Study Committee, AALL1631, International Phase 3 Trial in Philadelphia Chromosome-Positive Acute Lymphoblastic Leukemia (Ph+ALL) Testing Imatinib in Combination with Two Different Cytotoxic Chemotherapy Backbones
2016 – present COG Study Committee, ANBL1531, A Phase III Study of 131I-Metaiodobenzylguanidine 131I-MIBG or Crizotinib for Treatment of Children with Newly Diagnosed High-Risk Neuroblastoma NBL
2016 – present Variant Interpretation Testing Across Laboratories (VITAL) committee, Association for Molecular Pathology
2015 – present Best Practices and Operations Subcommittee Co-Chair, NCI Group Banking Committee
2015 – present American College of Medical Genetics and Genomics – Economics of Genetic Services Committee
2015 – present American Board of Medical Genetics and Genomics – Accreditation Committee Site Visitor
2015 – 2016 American Board of Medical Genetics and Genomics Nominating Committee (Chair, 2016)
2014 – present COG Study Committee, Project EveryChild
2014 – present COG Study Committee, ANBL1232, Utilizing Response- and Biology-Based Risk Factors to Guide Therapy in Patients with Non-High-Risk Neuroblastoma
2013 – 2015 AMP Representative to the American College of Medical Genetics Workgroup on the Interpretation of Sequence Variations: A project of the ACMG Laboratory Quality Assurance Committee
2012 – present COG Study Committee, AALL1321, Risk-Stratified Treatment of First Relapse of Childhood ALL and Lymphoblastic Lymphoma

2012 – present COG Study Committee, ANBL12P1, Pilot Study Using Myeloablative Busulfan/Melphalan (BuMel) Consolidation Following Induction Chemotherapy for Patients with Newly Diagnosed High-Risk

2012 – present CAP Biorepository Inspector

2011 – present College of American Pathologists Biorepository Accreditation Program Committee

2011 – 2015 COG Biospecimen Standardization Task Force, Co-Chair

2010 – present COG Study Committee, ANBL00B1, Neuroblastoma Biology Studies

2010 – 2013 International Cancer Genome Consortium, Tissue and Clinical Annotation Working Group

2009 – present The Cancer Genome Atlas (TCGA) Steering Committee

2009 – present NCI Group Banking Committee (COG and SWOG representative)

2009 – 2012 COG Study Committee, ASCT0631, A Phase III Randomized Trial of G-CSF Stimulated Bone Marrow vs. Conventional Bone Marrow as a Stem Cell Source in Matched Sibling Donor Transplantation

2009 – present COG Study Committee, AALL08B1, A Classification Trial to Risk Stratify Children with Newly Diagnosed B-Precursor Acute Lymphoblastic Leukemia (ALL)

2009 – 2014 COG Study Committee, AREN03B2, Renal Tumors Classification, Biology, and Banking Study

2009 – 2014 Board of Directors, American Board of Medical Genetics and Genomics, Accreditation Committee Chair (2011-2014)

2008 – present COG Neuroblastoma Steering Committee

2007 – 2008 Clinical Practice Committee, Genetics Representative, Association for Molecular Pathology

2006 – present Universal Newborn Hearing Screening Subcommittee, Ohio Department of Health

2005 – 2013 COG Study Committee, ASCT0431, A Randomized Trial of Sirolimus-based Graft versus Host Disease Prophylaxis after Hematopoietic Stem Cell Transplantation in Relapsed Acute Lymphoblastic Leukemia (ALL)

2005 – present COG Acute Lymphoblastic Leukemia Steering Committee

2005 – present COG Study Committee, AALL05B1, A Children's Oncology Group Protocol for Collecting and Banking Relapsed Acute Lymphoblastic Leukemia Research Specimens

2004 – 2013 COG Study Committee, AALL02P2, Treatment of Isolated Extramedullary Relapse from ALL for Low Risk Patients

2003 – 2014 Membership Committee, COG

2003 – 2014 Chairperson, Laboratory Sciences Committee, Children's Oncology Group (COG)

2003 – 2013 COG Study Committee, AALL0232, High Risk B-precursor Acute Lymphoblastic Leukemia

2003 – 2012 COG Study Committee, AALL03B1, Classification of Acute Lymphocytic Leukemia

2002 – present CAP Molecular Pathology and Cytogenetics Inspector

Other Professional / Public Service

2015 – present Test Development and Advisory Committee (TDAC), Molecular Genetic Pathology, American Board of Pathology

2008 – 2016 Item Writer/Exam Oversight/Book Chief, Clinical Molecular Genetics and Cytogenetics Certification Exam and Maintenance of Certification Exam, American Board of Medical Genetics and Genomics

2006 Item Writer, Clinical Cytogenetics Specialty Exam, American Board of Medical Genetics and Genomics

Teaching Experience:

2013 – present Invited Lecturer, MEDLABS5400 Molecular Techniques in Medical Laboratory Science

2006 – 2012 Medical Genetics Laboratory Fellowship Program
Laboratory Training Director, Cytogenetics and Molecular Genetics Fellowships

	Nationwide Children's Hospital
2004 – 2012	Lecturer, Pediatric Resident Training Series Nationwide Children's Hospital
2003 – present	Lecturer, Pathology Fellowship Training Program Nationwide Children's Hospital
2001 – 2014	Co-Course Director, Pathology 6670, Medical Cytogenetics Ohio State University, Columbus, OH
1999 – 2000; 2015 – present	Course Instructor, Pathology 6670, Medical Cytogenetics Ohio State University, Columbus, OH
1994 – 1995	Teaching Fellow Molecular Biology training course for Physicians Brigham and Women's Hospital, Boston, MA
1992	Graduate Teaching Assistant Genetics Course Harvard Medical School, Boston, MA
1991	Instructor, Cell Physiology Laboratory Rochester Institute of Technology, Rochester, NY

Laboratory Students: (Primary Advisor J. M. Gastier-Foster)

2012 – 2013	Ruthann Pfau, PhD, FACMG Clinical Molecular Genetics Fellow
2012 – 2012	Zachary Schmidt Undergraduate Summer Scholar
2011 – 2013	Lauren Walters, PhD Clinical Molecular Genetics / Clinical Cytogenetics Fellow
2010 – 2013	Michele Wing, PhD Clinical Molecular Genetics / Clinical Cytogenetics Fellow
2010	Justine LaFollette Undergraduate Summer Scholar
2009 – 2012	Elena Repnikova, PhD Clinical Molecular Genetics / Clinical Cytogenetics Fellow
2008 – 2011	Fadel Alyaqoub, PhD Clinical Molecular Genetics Fellow
2008, 2009, 2010	Kelly Irwin Undergraduate Summer Scholar
2008, 2009	David Bauer Undergraduate Summer Scholar
2007 – 2010	Catherine Cottrell, PhD Clinical Molecular Genetics / Clinical Cytogenetics Fellow

2007 – 2009	Sunita Singh, MD Clinical Cytogenetics Fellow
2007	Adam Langknecht Undergraduate Summer Scholar
2007	Kelly Irwin Bexley High School Senior Project
2006	Basil Kahwash Columbus Academy Senior Project
2004, 2005	Alec Lawrence Undergraduate Summer Scholar
2003 – 2004	Vivekanand Singh, MD Pediatric Pathology Fellow project
2003	Meredith Siegel High School Summer Scholar
2001 – 2007	Catherine Cottrell PhD student, Integrated Biomedical Science Graduate Program
2000 – 2001	Laura Schulz, MD Pediatric Residency Research Project Title: Molecular Analysis of Concurrent Williams-Beuren Syndrome and Chronic Granulomatous Disease
1991 – 2001	Joddi Neff, MS Pathologist Assistant Program Thesis Title: Detection of Maternal Cell Contamination in Chorionic Villus Samples and Detection of Uniparental Disomy for Chromosome 15 Using Fluorescently-labeled Genetic Markers

Other Laboratory Students/Residents/Fellows: (performed training rotations through the Cytogenetics and/or Molecular Genetics Laboratories)

2016	Lohith Vatti	Undergraduate Student, Youngstown State Univ
2016	Dr. Fahd Al-Sufiani	Visiting International Scholar
2016	Dr. Melanie Copenhaver	Endocrinology Fellow
2016	Dr. Michael Thompson	Endocrinology Fellow
2015	Dr. Mohammed Alsomali	Pathology Resident, The Ohio State University
2015	Dr. Sophia Shaddy	Pathology Resident, The Ohio State University
2015	Tavener Black	Medical Student, Florida State Univ College of Med
2015 –	Jacob Ziegler	Undergraduate Scholar, Bowling Green State Univ
2015 –	Emily Kelch	Undergraduate Scholar, Elon University
2014 – 2015	Elise Gastier	Undergraduate Scholar, The Ohio State University
2014 – 2015	Jenna Boue	Undergraduate Scholar, The Ohio State University
2014	Taha Sachak	Pathology Resident, The Ohio State University
2014	Matthew Ball	Pathology Resident, The Ohio State University
2014	Susan Medalie	Medical Student, The Ohio State University
2014	Sheri Poskanzer	Medical Student, The Ohio State University
2014	Stephen Smith	Pathology Resident, The Ohio State University
2014	Keluo Yao	Pathology Resident, The Ohio State University
2014	Amina Richardson	Medical Student, The Ohio State University
2014	Stefan Costinean	Pathology Resident, The Ohio State University

2013	Yu Li	Clinical Molecular Genetics Fellow
2013	Mariana Kekis	Clinical Cytogenetics Fellow
2013	Nicholas Nowacki	Pathology Resident, The Ohio State University
2013	Christina Kavran	Pathology Resident, The Ohio State University
2013	Johonna Asquith	Pathology Resident, The Ohio State University
2013	Amy Joehlin-Price	Pathology Resident, The Ohio State University
2013	Shuangfeng Chen	International Scholar, The Ohio State University
2013	Kristen Bain	Genetics Fellow, Nationwide Children's Hospital
2013	Elham Kamangar	Pathology Resident, The Ohio State University
2013	Christina Nunez	Medical Student, The Ohio State University
2013	Tyler Reese	Medical Student, The Ohio State University
2012 – 2015	Jennifer Bell	Undergraduate Student, The Ohio State University
2012 – 2015	Matt Harbrecht	Undergraduate Student, The Ohio State University
2012 – 2015	Sofia Rakowsky	Undergraduate Student, The Ohio State University
2012	Mari Mori	Genetics Fellow, Nationwide Children's Hospital
2012	Jason Frampton	Medical Student, The Ohio State University
2012	Manisha Mishra	Pathology Resident, The Ohio State University
2012	Erik DeVries	Pathology Resident, The Ohio State University
2012	Michael Losos	Pathology Resident, The Ohio State University
2012	Habibe Kurt	Pathology Resident, The Ohio State University
2012	Nicole Kucera	Medical Student, The Ohio State University
2012	Allison Payne	Medical Student, The Ohio State University
2012	Ayper Kacar	International Scholar, The Ohio State University
2012	Wei Chen, MD	Pediatric Resident, The Ohio State University
2012	Ian Talbott	Pediatric Resident, The Ohio State University
2012	Jacqueline Vanderburgh	Medical Student/ACMG scholar The Ohio State University
2011	Kyla Driest, MD	Pediatric Resident, The Ohio State University
2011	Michelle Polan, MD	Genetics Fellow, Nationwide Children's Hospital
2011	Barrie Miller, MD	Pathology Resident, The Ohio State University
2011	Sean Kirby, MD	Pathology Resident, The Ohio State University
2011	Zohra Shad, MD	Genetics Fellow, Nationwide Children's Hospital
2011	Emily Fishman, MD	Pediatric Resident, The Ohio State University
2011	Alexander Hooper	Medical Student, The Ohio State University
2011	Sasha Beyer	Medical Student/ACMG scholar, The Ohio State University
2011	Brent Barson, MD	Pediatric Resident, The Ohio State University
2011	Abby Chudzinski, MD	Pediatric Resident, The Ohio State University
2011	Emily Ferguson, MD	Pediatric Resident, The Ohio State University
2011	Kimberly Backscheider	Medical Student, The Ohio State University
2011	Nazih AbuAlsheikh	International Scholar
2011	Daisha Seyfer, MD	Developmental Pediatrics Fellow, The Ohio State University
2011	Sylvia Ofei, MD	Pediatrics Resident, The Ohio State University
2010 – 2014	Zia Ahmed	Undergraduate Scholar, The Ohio State University
2010	Yidi Xu	Medical Student, The Ohio State University
2010	Shivani Patel	Medical Student, The Ohio State University
2010	Meg Ramser	Medical Student, The Ohio State University
2010	Allison Burke	Medical Student, The Ohio State University
2010	Divya Murthy	Medical Student, The Ohio State University
2010	Brian Peppers	Medical Student, The Ohio State University
2010	Erin Fedak, MD	Pediatric Resident, The Ohio State University
2010	Hoda Amer, MD	Pathology Fellow, Nationwide Children's Hospital
2010	Beth Plocharczyk, MD	Pathology Resident, The Ohio State University
2010	Gina Thompson, MD	Pediatric Resident, Nationwide Children's Hospital
2010	Stacey Meyer, MD	Endocrinology Fellow, Nationwide Children's Hospital
2010	Patrice Scipio	Medical Student, The Ohio State University
2010	Christy Mulligan, MD	Resident, The Ohio State University

2010	Addie Patterson	Medical Student, The Ohio State University
2010	Gina Thompson, MD	Pediatric Resident, The Ohio State University
2010	Sheria Spain, MD	Pediatric Resident, The Ohio State University
2010	Sherrri Thomas, MD	Developmental Pediatrics, The Ohio State University
2009	Betsy Hall	Medical Student, The Ohio State University
2009	Tuan Bai	Medical Student, The Ohio State University
2009	Kathryn Stephens, MD	Pediatric Resident, The Ohio State University
2009	Catherine Sinclair	Medical Student, The Ohio State University
2009	Suzanne Kingery, MD	Endocrinology Fellow, The Ohio State University
2009	Meghan Whitehouse	Medical Student, The Ohio State University
2009	Joe Jenkins, MD	Pathology Resident, The Ohio State University
2009	Amanda Dye, MD	Endocrinology Fellow, The Ohio State University
2009	Camille Elkins, MD	Pathology Resident, The Ohio State University
2008 – 2010	Zunyan Dai, PhD	Clinical Cyto genetics / Clinical Molecular Genetics Fellow
2008	John Rock, MD	Pathology Resident, The Ohio State University
2008	Brandi Frank, MD	Pediatrics Resident, The Ohio State University
2008	Cheng Huang , MD	Pathology Resident, The Ohio State University
2008	Kristen Bain	Medical Student, The Ohio State University
2008	Scott Hickey, MD	Genetics Fellow, Nationwide Children's Hospital
2008	Kathleen Blake, MD	Endocrinology Fellow, The Ohio State University
2007 – 2008	Laura Konczal, MD	Genetics Fellow, Nationwide Children's Hospital
2007	Sabrina Simpson, MD	Pathology Resident, The Ohio State University
2007	Jim Horavath, MD	Pathology Resident, The Ohio State University
2007	Robert Pyatt, PhD	Clinical Molecular Genetics Fellow, Ohio State University
2007	Britt Rink, MD	Genetics Fellow, Columbus Children's Hospital
2007	Sofia Abraham	Medical Student, The Ohio State University
2007	Qingwei Qui	Visiting Fellow, China
2007	Prinyarat Burusnukul, MD	Neurology Fellow, Columbus Children's Hospital
2006	Gina Knap-Schaefer	Medical Student, The Ohio State University
2005	Bonita Fung, MD	Pediatric Pathology Fellow, Columbus Children's Hospital
2005	Lynn (Dee) Cooper, MD	Pathology Resident, The Ohio State University
2005	Carl (Chris) Gable, MD	Pathology Resident, The Ohio State University
2005	Yan Wang, MD	Pathology Resident, The Ohio State University
2004 – 2005	Robin LeGallo, MD	Pediatric Pathology Fellow, Columbus Children's Hospital
2003	Ruzan Petrosyan, MD	Stecker International Fellow, Columbus Children's Hospital
2003	JoAnna Williams, MD	Pathology Resident, The Ohio State University
2003	Jason Nash, MD	Pathology Resident, The Ohio State University
2002	Marvin Williams, DO	Maternal Fetal Medicine Fellow, The Ohio State University
2002	Eiad Kahwash, MD	Pathology Resident, The Ohio State University
2002	Nada Rikabi, MD	Pathology Resident, The Ohio State University
2001	Eric Knudtson, MD	Maternal Fetal Medicine Fellow, The Ohio State University
2000	Lisa Dunn-Albanese, MD	Maternal Fetal Medicine Fellow, The Ohio State University
2000	Bo Chen, MD	Pathology Resident, Marshall University
2000	Paul Durst, MD	Pathology Resident, Marshall University
2000	David Colombo, MD	Maternal Fetal Medicine Fellow, The Ohio State University
1999	Jeffrey Johnson, MD	Maternal Fetal Medicine Fellow, The Ohio State University

Fellow/Attending Scholarship Oversight Committee

2005 – 2006 Doug Cipkala, MD, Hematology/Oncology
2011 – present Jennifer Trittman, MD, Neonatology

Graduate Student Candidacy Exam Committees:

2004 Catherine Cottrell, Integrated Biomedical Science Graduate Program
2004 Jill Clutter, Education

Graduate Student Thesis Dissertation Committees:

2007 Catherine Cottrell, PhD, Integrated Biomedical Graduate Program
2005 Mandar Joshi, PhD, Pharmacology
2003 Fenglei Jiang, PhD, Molecular, Cellular, and Developmental Biology
2002 James W. Stiles, PhD, Education
2001 Joddi Neff, MS, Pathologist's Assistant Program

Submitted Publications:

1. Radovich M, Pickering CR, Felau I, Ha G, Zhang J, Jo H, Hoadley KA, Anur P, Zhang J, McLellan M, Bowlby R, Matthew T, Danilova L, Hegde AM, Kim J, Leiserson M, Sethi G, Lu C, Ryan M, Su X, Cherniack AD, Robertson G, Akbani R, Spellman P, Weinstein D, Hayes N, Raphael B, Lichtengerg T, Leraas K, Zenklusen JC; **The Cancer Genome Atlas Network**, Fujimoto J, Scapulatemp-Neto C, Moreira AL, Hwang D, Huang J, Marino M, Korst R, Giaccone G, Gokmen-Polar Y, Badve S, Raja A, Ströbel P, Girard N, Tsao MS, Marx A, Tsao AS, Loehrer PJ. The integrated genomic landscape of thymic epithelial tumors. *Cancer Cell*.
2. Qian M, Cao X, Devidas M, Yang W, Cheng C, Carroll A, Neerema N, Zhang H, Moriyama T, **Gastier-Foster JM**, Xu H, Raetz E, Larsen E, Winick N, Bowman WP, Martin PL, Mardis E, Fulton R, Zambetti G, Borowitz M, Wood B, Nichols KE, Carroll WL, Pui CH, Mullighan C, Evans WE, Hunger SP, Relling MV, Loh ML, Yang JJ. *TP53* Germline Variations Influence the Predisposition and Prognosis of Acute Lymphoblastic Leukemia in Children. *N Engl J Med*.
3. Oshima K, Khiabani H, da Silva-Almeida A, 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 M, Kirschner-Schwabe R, Palomero T, Rabadan R, Ferrando AA. Mutational landscape, clonal evolution patterns and role of RAS mutations in relapsed acute lymphoblastic leukemia. *Proc Natl Acad Sci*.

Accepted Publications:

1. Campbell D, **Gastier-Foster JM**, Mann M, Naranjo A, Van Ryn C, Bagatell R, Matthay KK, London WB, Irwin MS, Shimada H, Granger MM, Hogarty MD, Park JR, DuBois S. Association of *MYCN* copy number with clinical features, tumor biology, and outcomes in neuroblastoma: a report from the Children's Oncology Group. *Cancer*. (CNCR-17-0741.R1)
2. Aguirre AJ, Hruban RH, Raphael JB, **The Cancer Genome Atlas Network**. Integrated Genomic Characterization of Pancreatic Ductal Adenocarcinoma. *Cancer Cell*.
3. Gu Z, Li Y, Liu Y, Reshmi S, Roberts K, Harvey R, McCastlain K, Payne-Turner D, Churchman M, Iacobucci L, Shao Y, Chen I, Valentine M, Pei D, Mungall K, Mungall A, Ma Y, Moore R, Marra M, Stonerock E, **Gastier-Foster JM**, Devidas M, Dai Y, Wood B, Borowitz M, Larsen E, Maloney K, Mattano L, Angiolillo A, Salzer W, Burke M, Gianni F, Spinelli O, Radich J, Minden M, Moorman A, Patel B, Fielding A, Rowe J, Luger S, Bhatia R, Aldoss I, Forman S, Kohlschmidt J, Mrózek K, Marcucci G, Bloomfield C, Stock W, Kornblau SM, Kantarjian H, Konopleva M, Paietta E, Willman C, Loh M, Hunger S, Mullighan C. Recurrent MEF2D fusions in acute lymphoblastic leukemia. *Nature Genetics*.

Published Articles:

1. The Cancer Genome Atlas Research Network. Comprehensive and Integrative Genomic Characterization of Hepatocellular Carcinoma. *Cell*. 2017 June 15;169(7): 1327-1341.e23 doi <http://dx.doi.org/10.1016/j.cell.2017.05.046>
2. Fishbein L, Leshchiner I, Walter V, Danilova L, Robertson AG, Johnson AR, Lichtenbert TM, Murray BA, Ghayee HK, Else T, Ling S, Jefferys SR, de Cubas AA, Wenz B, Korpershoek E, Amelio AL, Makowski L, Rathmell WK, Gimenez-Roquepro AP, Giordano TJ, Asa SL, Tischler AS; **Cancer Genome Atlas Research Network**, Pacak k, Nathanson KL, Wilderson MD. Comprehensive molecular characterization of pheochromocytoma and paraganglioma. *Cancer Cell*. 2017 Feb 13;31(2):181-193. doi: 10.1016/j.ccell.2017.01.001. PMID: 28162975
3. Winick N, Devidas M, Chen S, Maloney K, Larsen E, Mattano L, 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. *J Clin Oncol*. 2017 May 23;JCO2016714774. doi: 10.1200/JCO.2016.71.4774. PMID: 28535084
4. Rudzinski ER, Anderson JR, Yueh-Yun C, **Gastier-Foster JM**, Astbury C, Barr FG, Skapek SX, Hawkins DS, Weigel BJ, Pappo A, Meyer WH, Arnold MA, Teot LA, Parham DM. Histology, fusion status, and outcome in metastatic rhabdomyosarcoma: A report from the Children's Oncology Group. *Pediatric Blood and Cancer*. 2017 May 18. doi: 10.1002/pbc.26645. PubMed PMID:28521080
5. Reshmi SC, Harvey RC, Roberts KG, Stonerock E, Smith A, Jenkins H, Chen IM, Valentina M, Liu Y, Li Y, Shao Y, Easton J, Payne-Turner D, Gu Z, Tran TH, Nguyen JV, Devidas M, Dai Y, Heerema NA, Carroll AJ 3rd, Raetz EA, Borowitz MJ, Wood BL, Angiolillo AL, Burke MJ, Salzer WL, Zweidler-McKay PA, Rabin KR, Carroll WL, Zhang J, Loh ML, Mullighan CG, Willman CL, **Gastier-Foster JM**, Hunger SP. Targetable kinase gene fusions in high risk B-ALL: a study from the Children's Oncology Group. *Blood*. 2017 Apr 1. doi: 10.1182/blood-2016-12-758979. [Epub ahead of print]. PubMed PMID: 28408464.
6. Cherniack AD, Shen H, Walter V, Stewart C, Murray BA, Bowlby R, Hu X, Ling S, Soslow RA, Broaddus RR, Zuna RE, Roberston G, Laird PW, Kucherlapati R, Mills GB, **Cancer Genome Atlas Research Network**, Weinstein JN, Zhang J, Akbani R, Levine DA. Integrated Molecular Characterization of Uterine Carcinosarcoma. *Cancer Cell*. 2017 Mar 13;31(3):411-423. doi: 10.1016/j.ccell.2017.010. PubMed PMID: 28292439.
7. Patel S, Mason CC, Glenn MJ, Paxton CN, South ST, Cessna MH, Asch J, Cobain EF, Bixby DL, Smith LB, Reshmi S, **Gastier-Foster JM**, Schiffman JD, Miles RR. Genomic analysis of adult B-ALL identifies potential markers of shorter survival. *Leuk Res*. 2017 Feb 3;56:44-51. doi: 10.1016/j.leukres.2017.01.034. [Epub ahead of print]. PubMed PMID: 28193567.
8. Gu Z, Churchman M, Robert K, Li Y, Liu Y, Harvey RC, McCastlain K, Reshmi SC, Payne-Turner D, Iacobucci I, Shao Y, Chen IM, Valentine M, Pei D, MungallKL, Mungall AJ, Ma Y, Moore R, Marra M, Stonerock E, **Gastier-Foster JM**, Devidas M, Dai Y, Wood B, Borowitz M, Larsen EE, Maloney K, Mattano LA Jr, Angiolillo A, Salzer WL, Burke MJ, Gianni F, Spinelli O, Radich JP, Minden MD, Moorman AV, Patel B, Fielding AK, Rowe JM, Luger SM, Bhatia R, Aldoss I, Forman SJ, Kohlschmidt J, Mrózek K, Marcucci G, Bloomfield CD, Stock W, Kornblau S, Kantarjian HM, Konopleva M, Paietta E, Willman CL, Loh ML, Hunger SP, Mullighan CG. Genomic analyses identify recurrent MEF2D fusions in acute lymphoblastic leukemia. *Nat Commun*. 2016 Nov 8;7:13331. doi: 10.1038/ncomms 13331. PMID: 27824051
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The Cancer Genome Atlas 2nd Annual Scientific Symposium. Crystal City, VA. November 2012. (poster presentation).

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123. Erdman L, Singh S, Crowe CA, Lamb Thrush D, Bailes AK, Brock A, Butler D, Deeg C, Gordon J, Hamelberg E, Roman D, Wobser J, Astbury C, **Gastier-Foster JM**. Unbalanced forms of a familial intrachromosomal insertion of chromosome 11 associated with Potocki-Schaffer Syndrome or mental retardation. Signature Scientific Microarray Conference, Spokane, WA. June 2009 (oral presentation).
124. Rosales XQ, **Gastier-Foster JM**, Mendell JR. Facilitating molecular diagnosis of dysferlinopathies by recognizing novel clinical features. American Academy of Neurology Annual Meeting. Seattle, WA. April 2009.
125. Singh S, Crowe C, Thrush DL, Bailes A, Brock A, Butler D, Deeg C, Erdman L, Gordon J, Hamelberg E, Roman D, Wobser J, Astbury C, **Gastier-Foster JM**. Unbalanced forms of a familial intrachromosomal insertion of chromosome 11 associated with Potocki-Schaffer Syndrome or mental retardation. American College of Medical Genetics Annual Meeting. Tampa, FL. March 2009 (poster).
126. Al-Kateb H, Hahn A, **Gastier-Foster JM**, Thrush DL, Jeng L, McCandless S, Curtis CA. Cutis aplasia, facial dysmorphic features, congenital heart abnormalities and mental retardation in a child with a cryptic deletion in 19p13.3. American Society of Human Genetics Annual Meeting. Philadelphia, PA. November 2008

127. Barr FG, Duan F, Smith LM, Gustafson D, Pitts M, Hammond S, **Gastier-Foster JM**. The role of amplification in predicting clinical outcome of patients with alveolar rhabdomyosarcoma. NCI Translational Science Meeting. Washington D.C, November 2008.
128. Rosales XQ, **Gastier-Foster JM**, Mendell JR. LGMDB2 characterization study: unique features and important genotypes. Second Annual Dysferlin Conference. Rio Grande, Puerto Rico, June, 2008.
129. Bailes A, Gordon J, Deeg C, Singh S, Hamelberg E, Millard M, Talamine S, Thrush DL, Astbury C, **Gastier-Foster JM**. Complex rearrangement suggestive of neocentromere formation. Signature Scientific Microarray Conference. Spokane, WS, June 2008.
130. McKinney A, Deeg C, Hedrick S, Horton S, Hamelberg E, Labonowska J, Millard M, Thrush DL, Wenger G, Astbury C, **Gastier-Foster JM**. Characterization of a complex multiple marker patient by microarray analysis. Signature Scientific Microarray Conference. Spokane, WA, June 2008.
131. Thrush DL, Bailes A, Eil D, Erdman L, Gordon J, McKinney A, Astbury C, **Gastier-Foster JM**. Clinical and technical challenges of array CGH in newborns. Signature Scientific Microarray Conference. Spokane, WA, June 2008.
132. Thrush DL, Herman G, Varga E, Astbury C, **Gastier-Foster JM**. The role of array CHG in the evaluation of isolated autism. Signature Scientific Microarray Conference. Spokane, WA, June 2008.
133. Bailes A, Hedrick S, Frick J, Hamelberg E, Abdirahman O, Roman D, Millard M, Deeg C, Astbury, C, **Gastier-Foster JM**. Analysis of a Ring Y chromosome in a Turner syndrome patient. Cytogenetics Annual Regional Meeting, Cincinnati, OH, April 2008.
134. Gordon J, Bailes A, Singh S, Hamelberg E, Millard M, Talamine S, Thrush DL, **Gastier-Foster JM**. Complex rearrangement suggestive of neocentromere formation. Cytogenetics Annual Regional Meeting, Cincinnati, OH, April 2008.
135. Hedrick S, Deeg C, Hamelberg E, Horton S, Labanowska J, Millard M, Thrush DL, Wenger G, **Gastier-Foster JM**. Chromosomal microarray analysis of a complex case with multiple marker chromosomes. Cytogenetics Annual Regional Meeting, Cincinnati, OH, April 2008.
136. McKinney A, Deeg C, Hamelberg E, Roman D, Ramsey S, Millard M, Miller K, Astbury C, **Gastier-Foster JM**. Microarray analysis of unbalanced translocations. Cytogenetics Annual Regional Meeting, Cincinnati, OH, April 2008.
137. Ramsey S, **Gastier-Foster JM**. A tale of two cases: trisomy 12p due to a der(12;21)(p10;q10). Cytogenetics Annual Regional Meeting, Cincinnati, OH, April 2008.
138. Loh ML, Raetz E, Devidas M, Linda SP, Borowitz MJ, Carroll AJ, Chen I, **Gastier-Foster JM**, Heerema NA, Harvey R, Larsen E, Maloney K, Willman C, Winick N, Wood B, Hunger SP, Carroll W. Early Response to Therapy is Significantly Associated with Genetic Subtype of Acute Lymphoblastic Leukemia: A Report from the Children's Oncology Group. American Society of Hematology, Atlanta, GA, December 2007 (Poster).
139. **Gastier-Foster JM**, Carroll AJ, Eil D, Harvey R, Chen I, Ketterling R, Meloni-Ehrig A, Opheim KE, Patil S, Pettenati M, Rao K, Wu S, Heerema NA. Two Distinct Subsets of dic(9;12)(p12;p11.2) among Children with B-Cell Precursor Acute Lymphoblastic Leukemia (ALL): *PAX5-ETV6* and *ETV6-RUNX1* Rearrangements: A report from the Children's Oncology Group. American Society of Hematology, Atlanta, GA, December 2007 (Poster).
140. Brock A, Abdulrahman, O, Butler D, Calloway I, Deeg C, Gordon J, McKinney A, Weber C, **Gastier-Foster JM**, Wenger GD. Prenatal Detection of a Paternally Inherited Rearranged Chromosome 9. Association of Genetic Technologies, Denver, CO, June 2007 (Poster).

141. Erdman L, Deeg C, Hamelberg E, Millard M, Roman D, Wobser J, **Gastier-Foster JM**, Wenger GD. Familial Study of Sex Chromosome Abnormality and Marker Chromosome Reveals a Complex Chromosome 12 rearrangement in Mother and Sister. Association of Genetic Technologies, Denver, CO, June 2007 (Poster).
142. Schultz KR, Aledo A, Bowman WP, Slayton W, Sather H, Willman CL, **Gastier-Foster JM**, Heerema NA, Carroll AJ, Borowitz MJ, Winick N, Hunger SP, Carroll WL. Minimal toxicity of Imatinib Mesylate in combination with intensive chemotherapy for Philadelphia chromosome positive (Ph+) acute lymphoblastic leukemia (ALL) in children: A report of the Children's Oncology Group (COG) AALL0031 protocol for very high risk ALL. American Society of Hematology, Orlando, FL, December 2006 (Oral).
143. Heerema NA, **Gastier-Foster J**, Chen I-M, Harvey RC, Raetz EA, Loh ML, Hunger SP, Winick N, Carroll WL, Carroll AJ. Risk stratification in Children's Oncology Group (COG) B-cell precursor acute lymphoblastic leukemia (B-ALL): Interactions of cytogenetic and molecular approaches. American Cytogenetics Conference, Lake Lanier Islands, GA, June 2006 (Oral).
144. Yeates KO, Taylor G, **Gastier-Foster J**, Frick J, Bangert B, Dietrich A, Nuss K, Rusin J, Wright M. The ApoE e4 allele as a moderator of outcomes following mild traumatic brain injury in children. Pediatric Academic Societies Meeting, San Francisco, CA, May 2006 (Poster).
145. Frick J, Yeates KO, Taylor HG, **Gastier-Foster JM**. Use of the Inno-Lipa System for Rapid Detection of APOE Genotypes from Buccal Swabs. J Mol Diagn 7:658, 2005 (Poster).
146. Pastore MT, Springer M, Drury A, Atkin J, **Gastier-Foster JM**. How many tests does it take to detect a *CFTR* mutation? Tri-state Dysmorphology and Cytogenetics Meeting, Indianapolis, IA, April 2005 (Oral Presentation).
147. Drury A, Pastore M, Springer M, Atkin J, **Gastier-Foster J**. Imperfection of CFTR Mutation Panels: Detection of the CFTRdel2,3(21kb) Possibly Only with the Inno-Lipa CFTR36 Assay. J Mol Diagn 7:648, 2005 (Poster).
148. LeGallo R, Burger A, Barr FG, **Gastier-Foster JM**, Fraser RB, Shiels WE, Qualman SJ. Fusion Gene Dependent Dissemination Patterns of Alveolar Rhabdomyosarcoma in the Nude Rat Model. Sarcoma Meeting Stuttgart, Stuttgart, France, June 2005 (Oral Presentation).
149. **Gastier-Foster JM**, Frick J, Springer MA, Sommer, A. Complex cosegregation of dominant and null alleles of *GJB2* with a *PAX3* mutation in a family with hearing loss. Pediatric Academic Societies Meeting
150. **Gastier JM**, Frick J, Springer M, Sommer A. Dominant and null alleles of *GJB2* segregating with a *PAX3* mutation in a family with hearing loss. The American Society of Human Genetics Annual Meeting, Toronto, Ontario, October 2004 (Poster).
151. Wenger GD, Atkin JF, Springer M, Millard M, **Gastier-Foster JM**. Phenotypic findings in patients with subtle terminal deletions detected by subtelomere FISH analysis. The American Society of Human Genetics Annual Meeting, Toronto, Ontario, October 2004 (Poster).
152. Gordon JG, Ross M, Neff J, Weber C, Shepard R, Frick J, **Gastier JM**, Wenger GD. Maternal cell contamination in chorionic villus sampling. The Association of Genetic Technologist Annual Meeting, San Diego, CA, June 2004 (Poster).
153. Sommer AM, Frick J, **Gastier-Foster JM**. Complex inheritance of hearing loss in a family with mutations segregating in multiple genes. David Smith Meeting, Los Angeles, CA, August 2004 (Poster).
154. **Gastier-Foster JM**, France-Dyckes M, Neville R, Moyer Y, Fagan E, Hartitz M, Wilhelm C, Stuart M, Qualman SJ. Challenges in Developing a Pediatric Leukemia Reference Lab Management and

Banking System. United States ISBER Meeting, New York, NY. May 2004 (Oral Presentation and Poster).

155. Cottrell CE, Sommer A, Wenger GD, Krahn K, Modesto A, Van Western L, Bullard S, Wilcox WR, Ogata T, Lidral AC, **Gastier-Foster JM**. Atypical X-inactivation in an X;1 Translocation Patient with Oto-Palato-Digital Syndrome. Pediatric Academic Societies Annual Meeting, San Francisco, CA, May 2004 (Oral Platform Presentation).
156. Wenger GD, Millard M, **Gastier-Foster JM**. DiGeorge/Velocardiofacial Syndrome (DGS/VCFS) as a Result of Adjacent-2 Segregation. American Cytogenetics Conference, Stevenson, MA, April 2004 (Poster).
157. Syed Y, **Gastier JM**, Miller K, Shepard R, Roman D, Erdman L, Wenger GD. Prenatal Karyotype 47,XX,+der(10)t(8;10)(q24.1;q11.2)pat as a result of 3:1 segregation. The Association of Genetic Technologist Annual Meeting, Atlanta, GA, June 2003 (Poster).
158. Millard MP, Wenger GD, Wobser J, Neff J, Hamelberg B, Deeg C, Frick J, Drury A, **Gastier JM**. Two structural rearrangements of the Y chromosome in a male with infertility. The Association of Genetic Technologist Annual Meeting, Atlanta, GA, June 2003 (Poster).
159. Cottrell CE, Sommer A, Wenger GD, Krahn K, Modesto A, Van Westen L, Bullard S, Wilcox WR, Ogata T, Lidral AC, **Gastier JM**. Atypical X-inactivation in an X;1 translocation patient with Oto-Palato-Digital Syndrome. Am J Hum Genet 73 (Suppl 5):296, 2003 (Poster).
160. Wenger GD, Springer M, Syed Y, Atkin JF, **Gastier-Foster JM**. 3:1 segregation of reciprocal translocations: Examples and frequency. Am J Hum Genet 73 (Suppl 5):309, 2003 (Poster).
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162. Springer MA, **Gastier-Foster JM**, Erdman L, Gordon J, Hamelberg B, Kulmer C, Deeg C, Labanowska J, O'Shaughnessy R, Wenger GD. Paracentric inversions (PAI) and associated risks: A case report of a PAI carrier with two recombinant offspring. Am J Hum Genet 73 (Suppl 5):312, 2003 (Poster).
163. Cottrell CE, Lidral AC, Sommer A, Krahn K, Modesto A, Van Westen L, Bullard S, Wilcox WR, Ogata T, **Gastier JM**. Positional cloning of Oto-Palato-Digital Syndrome. Ped Res 53:257A, 2003 (Poster).
164. Yeager N, Dolan ME, **Gastier JM**, Ruymann FB, Frick J, Delaney S, Ewesuedo R. AGT Activity and promoter methylation status of pediatric Rhabdomyosarcoma. Ped Res 53:269A, 2003 (Poster).
165. Lidral AC, Sommer A, Bullard S, Cottrell C, Ogata T, Krahn K, Modesto A, Van Westen L, **Gastier J**. Genetic Mapping of Oto-Palato-Digital Syndrome. American Cleft Palate-Craniofacial Meeting, April 2003 (Poster).
166. Kshirsagar M, Corpron C, **Gastier J**, Albright E, Blumenkrantz M, Barr F, Qualman S. Correlation of Genotype/Phenotype in a nude rat model of Metastatic Rhabdomyosarcoma. Society for Pediatric Pathology Annual Meeting, March 2003 (Platform Presentation, received the Gordon L Vawter Pathologist-in-Training Award).
167. **Gastier JM**, Calloway I, Millard MT, Ross M, Thomas A, Baker P, Iams JD, Atkin J, Wenger GD. Functional disomy of distal Xq due to a der(Y)t(X;Y) in a male with severe congenital anomalies. Am J Hum Genet 71 (Suppl 4):293, 2002 (Poster).

168. Wenger GD, Hamelberg E, Millard M, Herman GE, **Gastier JM**. Three examples of complex chromosome rearrangements (CCRs): Family studies and FISH analysis. *Am J Hum Genet* 71 (Suppl 4):301, 2002 (Poster).
169. **Gastier-Foster JM**, Schulz L, Frick J, Sommer AM, Wenger GD. Molecular analysis of concurrent Williams-Beuren Syndrome and Chronic Granulomatous Disease. *Ped Res* 51: 227A, 2002 (Poster).
170. Ewesuedo R, Yeager N, Frick J, **Gastier-Foster JM**. MGMT promoter methylation in pediatric rhabdomyosarcoma. *Ped Res* 51:246A, 2002 (Poster).
171. Wenger GD, Atkin JF, **Gastier-Foster JM**. Mild phenotype and del(2)(q31.2q32.2 or q32.2q33) subsequent to maternal ins(5;2). American Cytogenetics Conference, 2002 (Poster).
172. **Gastier JM**, Schulz L, Frick J, Sommer AM, Wenger GD. Molecular analysis of concurrent Williams-Beuren Syndrome and Chronic Granulomatous Disease. *Am J Hum Genet* 69 (Suppl 4):621, 2001 (Poster).
173. Wenger GD, Labanowska J, Millard M, **Gastier JM**. Prenatal interphase FISH: Five years experience and unusual cases. *Am J Hum Genet* 69 (Suppl 4):332, 2001 (Poster).
174. Neff J, Frick J, Thomas A, Wenger GD, **Gastier JM**. Analysis of maternal cell contamination in CVS samples using the Powerplex 1.2 system. OSU/UC Pathology Research Conference, 2001 (Poster).
175. **Gastier JM**, Neff J, Thomas A, Wenger GD. Analysis of maternal cell contamination in CVS samples using the Powerplex 1.2 system. *J Molec Diag* 2:222, 2000 (Poster).
176. **Gastier JM**, Hamelberg B, Labanowska J, Herman GE, Bartholomew DW, Wenger GD. FISH analysis of three cases of functional monosomy 10q26.3. *Am J Hum Genet* 67 (Suppl 2):156, 2000 (Poster).
177. Wenger GD, Hamelberg B, Depinet T, Labanowska J, Korenberg JR, **Gastier JM**. Molecular cytogenetic characterization of partial duplication 21q. *Am J Hum Genet* 67 (Suppl 2):154, 2000 (Poster).
178. **Gastier JM**, Berg MA, Vesterhus P, Reiter E, Geffner M, Francke U. Diverse deletions in the growth hormone receptor gene cause Growth Hormone Insensitivity Syndrome. *Am J Hum Genet* 63 (Suppl): A361, 1998 (Poster).
179. Lemahieu V, **Gastier JM**, Francke U. Novel mutations in the Wiskott-Aldrich Syndrome gene and their consequences on transcript, protein and clinical phenotypes. *Am J Hum Genet* 63 (Suppl):A370, 1998 (Poster).
180. **Gastier JM**, Chang E, Church GM, Duyk GM. Cloning of the breakpoints of a chromosome 6 pericentric inversion in a family with multiple developmental defects. *Am J Hum Genet* 59 (Suppl):A302, 1996 (Poster).
181. **Gastier JM**, Hudson TJ, Church GM, Duyk GM. Cloning of chromosome 6 pericentric inversion breakpoints associated with a novel developmental defect. *Am J Hum Genet* 57 (Suppl):A259, 1995 (Poster).
182. Sheffield VC, Weber JL, Buetow KH, Murray JC, Even DA, Wiles K, **Gastier JM**, Pulido JC, Yandava C, Sunden SL, Mattes G, Businga T, McClain A, Beck JC, Scherpier T, Gilliam J, Zhong J, Duyk GM. Progress in tri- and tetranucleotide marker development for the Cooperative Human Linkage Center. *Am J Hum Genet* 57 (Suppl):A203, 1995 (Poster).

183. **Gastier JM**, Hudson TJ, Brody T, Charlat O, Muilenberg AC, Patil SR, Trent J, Sheffield VC, Duyk GM. Characterization of the breakpoint regions of a pericentric inversion on chromosome 6. *Am J Hum Genet* 55 (Suppl):A317, 1994 (Poster).
184. **Gastier JM**, Pulido J, Brody T, Duyk GM. Saturation cloning of short tandem repeat sequences: Towards developing comprehensive screening sets for diseases associated with trinucleotide repeat expansion. *Am J Hum Genet* 53 (Suppl):A1001, 1993 (Poster/Oral Presentation).
185. Evans IM, Cooke CL, **Gastier JM**, Haller SE, Kausch KD, Means RE. Characterization of a growth inhibitor derived from bovine vitreous. *Invest Ophthalmol Vis Sci* 31:193, 1990 (Poster).

Scientific Meeting Session Moderator:

1. American Society of Hematology Annual Meeting, Leukemias: Biology, Cytogenetics, and Molecular Markers in Diagnosis and Prognosis: Prognostic Factors in Leukemias. San Diego, CA. December 2010.
2. American Society of Human Genetics, Curbstone Consults: Chipping Away at the Genome: Review, Analysis and Discussion of Unique Postnatal Microarray Cases. Washington, D.C. November 2010.
3. Signature Scientific Microarray Conference. Spokane, WA, June 2008.
4. American Society of Hematology Annual Meeting, Leukemias: Biology, Cytogenetics, and Molecular Markers in Diagnosis and Prognosis – Pediatric Leukemias. Orlando, FL. December 2006.

Local and National Invited Lectures:

1. Genomics in the Clinic. Precision Genomic Midwest. Cincinnati, OH. May 2017.
2. Toward Targeted Therapy in Pediatric Cancer. HudsonAlpha Institute for Biotechnology. Huntsville, AL. August 2016.
3. Clinical Human Genomics at Big Data Scale: Lessons from The Cancer Genome Atlas at NCH. Nationwide Children's Hospital and The Ohio State University. Road to Collaboration for the Human Genetics and Genomics Community: Big Data and Big Ideas in Genomic Medicine. Columbus, OH. January 2015.
4. TARGET: Lessons learned for future COG trials. National Cancer Institute TARGET Meeting. Bethesda, MD. March 2014.
5. Banbury Conference: Genetics Training in the Genomics Era, Long Island, NY. February 2014.
6. Overview of the Biopathology Center and The Cancer Genome Atlas. The Women's Auxiliary Council, Nationwide Children's Hospital Foundation. Columbus, OH. January 2013.
7. The Biopathology Center at Nationwide Children's Hospital. Nationwide Financial/World Financial group tour. Columbus, OH. May 2012.
8. Centralized Testing for Risk-based Therapy Assignment in the Child Oncology Group: Incorporation of Prognostic Factors for Medulloblastoma. Third Bi-annual Ohio Neuro-Oncology Consortium Meeting. Columbus, OH. May 2012.
9. Retrospective analysis of *IKZF1* deletions and *JAK/IKZF1* mutations in POG 9905 and ALL0232 samples. Children's Oncology Group Spring Meeting. Los Angeles, CA. March 2011 (oral presentation).
10. Advances in Chromosomal Microarray Analysis. Bethesda Hospital, Zanesville, OH. January 2011.

11. Beyond the Freezers: Technologies and Services Available at the GOG Bank. The Gynecologic Oncology Group Summer Scientific Session, Boston, MA. July 2010.
12. Chromosomal Microarrays: The Basics. The Ohio State University, Cancer Cytogenetics Laboratory, Columbus, OH. February 2010.
13. Challenges in Interpreting Array CGH. Signature Genomics Scientific Microarray Conference, Spokane, WA. June 2009.
14. Recent Advances in Cytogenetic and Molecular Genetic Testing. American Society for Clinical Laboratory Science (ASCLS) – Ohio Educational Conference and Meeting, Worthington, OH. May 2009.
15. Personalizing Medicine with Genetics: Promises and Pitfalls. Central Ohio Association of Occupational Health Nurses Conference, Newark, OH. March 2008.
16. Recent Advances in Genetic Testing. Clinical Laboratory Management Association, Columbus, OH. May, 2007.
17. Advances in Pediatric Cancer Diagnosis for the 21st Century. Columbus Children’s Hospital Grand Rounds, Columbus, OH. May, 2007.
18. Molecular Genetic Analysis in Pediatric ALL. Society for Pediatric Pathology, Columbus, OH. October, 2006.
19. ALL Specimen Processing in the Molecular Reference Laboratories. Children’s Oncology Semi-Annual Meeting, Dallas, TX. October, 2005.
20. Genetics in Modern Medicine. Heritage Middle School, Hilliard, OH. May, 2003.
21. Basics of Mendelian Genetics. Columbus State Community College, Columbus, OH. August, 2002.
22. Problem Solving in Medical Genetics. Columbus State Community College, Columbus, OH. August, 2002.
23. Connexin 26 Testing for Nonsyndromic Deafness. Ohio Genetic and Sickle Cell Counselors Meeting, Columbus, OH. May, 2002.
24. Implementation of Cystic Fibrosis Carrier Screening. Riverside Hospital Obstetrics and Gynecology Grand Rounds, Columbus, OH. January, 2002.
25. Scientific progress in stem cell research. Worthington Presbyterian Church, Worthington, OH. October, 2001.
26. Implications of the President’s decision regarding stem cell research. Worthington Presbyterian Church, Worthington, OH. September, 2001.
27. Connexin 26 Testing for Nonsyndromic Deafness. Ohio State University Ear Nose and Throat Grand Rounds, Columbus, OH. September, 2001.

International Invited Lectures:

1. Identification of novel prognostic markers in pediatric ALL using clinically-annotated Children’s Oncology Group (COG) samples. European Organisation for Research and Treatment of Cancer (EORTC)-National Cancer Institute (NCI)-American Society of Clinical Oncology (ASCO) Annual meeting on Molecular Markers in Cancer. Brussels, Belgium. October 2011.

2. Molecular and Cytogenetic techniques for the Analysis of Pediatric Leukemia. Children's Cancer Hospital of Egypt 57357 Symposium, Cairo, Egypt. July 2009.
3. Risk Classification in Pediatric Acute Lymphoblastic Leukemia. Children's Cancer Hospital of Egypt 57357 Symposium, Cairo, Egypt. July 2009.
4. Biospecimen Banking and Clinical testing in the Children's Oncology Group. Australasian Biospecimens Network Annual Conference, Sydney, Australia. November 2008.
5. Risk-based Therapy in Children's Oncology Group Trials: Current and Future Approaches. The Children's Hospital at Westmead, Sydney, Australia. November 2008.
6. Translocation Screening in a Centralized Laboratory, Scaling Up for a Large Cohort. Second International Childhood Cancer Consortium Workshop, Copenhagen, Denmark. August, 2007.

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