

CURRICULUM VITAE

Peter H. Shaw MD

**Associate Professor
Department of Pediatrics
Division of Hematology and Oncology - Pediatrics**

OFFICE ADDRESS:

Children's Wisconsin - Milwaukee Hospital
8915 W Connell Court
Milwaukee, WI 53226

EDUCATION:

08/1986 - 05/1990 B.A., Anthropology, Haverford College, PA
08/1990 - 06/1994 M.D., Medicine, Albert Einstein College of Medicine, NY

POSTGRADUATE TRAINING AND FELLOWSHIP APPOINTMENTS:

07/1994 - 06/1995 Intern, Department of Pediatrics, Montefiore Medical Center, Bronx, NY
07/1995 - 06/1997 Resident, Department of Pediatrics, Montefiore Medical Center, Bronx, NY
07/1997 - 06/2000 Fellow, Department of Pediatrics, Division of Pediatric Hematology/Oncology, Children's Memorial Hospital/Northwestern University, Chicago, IL
07/2012 - 05/2013 Certificate of Achievement, Marshall W. Webster Physician Leadership Program, Center for Health and Care Work, University of Pittsburgh Medical Center Physician Services Division and Katz Graduate School of Business
10/2018 - 2018 Certificate of Achievement, Leadership Development for Physicians in Academic Health Centers, Harvard T.C. Chen School of Public Health, Executive and Continuing Professional Education

MILITARY SERVICE:

None

FACULTY APPOINTMENTS:

07/2000 - 09/2009 Assistant Professor, Department of Pediatrics, University of Pittsburgh School of Medicine, Pittsburgh, PA
10/2009 - 07/2016 Associate Professor, Department of Pediatrics, University of Pittsburgh School of Medicine, Pittsburgh, PA
08/2016 - 03/2022 Associate Professor, Department of Oncology, Johns Hopkins University School of Medicine, Johns Hopkins All Children's Hospital, St. Petersburg, FL
04/2022 - Present Associate Professor, Department of Pediatrics, Medical College of Wisconsin, Milwaukee, WI

ADMINISTRATIVE APPOINTMENTS:

07/2009 - 06/2016 Head, Hematology/Oncology Clinic Committee, Children's Hospital of Pittsburgh of UPMC, Pittsburgh, PA
07/2013 - 06/2016 Chair, Chemotherapy Oversight Committee, Children's Hospital of Pittsburgh of UPMC, Pittsburgh, PA
07/2013 - 06/2016 9A/9B Leadership Group, (Oncology/BMT Inpatient Unit, Children's Hospital of Pittsburgh of UPMC, Pittsburgh, PA
08/2016 - 03/2019 Deputy Director, Cancer and Blood Disorders Institute, Johns Hopkins All Children's Hospital, FL
08/2016 - 03/2019 Interim Institute Director, Cancer and Blood Disorders Institute, Johns Hopkins All

Children's Hospital, FL
06/2018 - 03/2019 Tri-Chair, Cancer and Blood Disorders Institute (CBDI) Executive Council, Johns Hopkins All Children's Hospital, FL
04/2020 - 03/2022 Tri-Chair, Cancer and Blood Disorders Institute (CBDI) Clinical Practice Council, Johns Hopkins All Children's Hospital, FL
05/2020 - 01/2021 Head, Search Committee for the Chief of Pediatric Surgery – completed, Johns Hopkins All Children's Hospital, FL
07/2021 - 03/2022 Tri-Chair, Cancer and Blood Disorders Institute (CBDI) Ambulatory and Networks Council, Johns Hopkins All Children's Hospital, FL
07/2021 - 03/2022 Co-Chair, Chemotherapy Safety Council, Johns Hopkins All Children's Hospital, FL
04/2022 - Present MACC Fund Center Director for Clinical Operations, Children's Wisconsin, Medical College of Wisconsin, Milwaukee, WI
08/2022 - Present Medical Director of Hematology, Oncology and BMT, Children's Wisconsin, Medical College of Wisconsin, Milwaukee, WI
09/2022 - Present Oncology Program Director, Children's Wisconsin, Medical College of Wisconsin, Milwaukee, WI
04/2023 - Present Member, Joint Patient Care Committee (JPCC), Children's Wisconsin, Medical College of Wisconsin, Milwaukee, WI
06/2023 - Present Solid Tumor Program Director, Children's Wisconsin, Medical College of Wisconsin, Milwaukee, WI

EDUCATIONAL ADMINISTRATIVE APPOINTMENTS:

07/2000 - 06/2016 Member, Department of Pediatrics, University of Pittsburgh School of Medicine, Pediatric Hematology/Oncology Fellowship Committee, Children's Hospital of Pittsburgh of UPMC, Pittsburgh, PA

HOSPITAL AND CLINICAL ADMINISTRATIVE APPOINTMENTS:

06/2004 - 06/2009 Medical Director of Camp Courage, Heme/Onc Summer Camp, Children's Hospital of Pittsburgh of UPMC, Wexford, PA
03/2006 - 06/2016 Founder and Head, Adolescent and Young Adult (AYA) Oncology Program at Children's Hospital of Pittsburgh of UPMC, Children's Hospital of Pittsburgh of UPMC, Pittsburgh, PA
07/2009 - 06/2016 Director, Hematology/Oncology Clinic, Children's Hospital of Pittsburgh of UPMC, Children's Hospital of Pittsburgh of UPMC, Pittsburgh, PA
07/2013 - 06/2016 Clinical Director of Oncology, Children's Hospital of Pittsburgh of UPMC, Pittsburgh, PA
08/2016 - 03/2020 Medical Director, Infusion Center, Johns Hopkins All Children's Hospital, FL
05/2017 - 03/2019 Medical Director, Blood and Marrow Transplant Program, Johns Hopkins All Children's Hospital, St. Petersburg, FL
02/2018 - 03/2022 Director, Adolescent and Young Adult (AYA) Oncology Program, Johns Hopkins All Children's Hospital, St. Petersburg, FL
06/2019 - 03/2022 Medical Director, Hematology/Oncology Program in the Hillsborough/East Pasco/Polk Counties Region, Johns Hopkins All Children's Hospital, FL

RESEARCH ADMINISTRATIVE APPOINTMENTS:

04/2017 - 03/2022 Responsible Investigator, Adolescent and Young Adult Responsible Investigator (RI) Network, Children's Oncology Group (COG)
05/2017 - 03/2022 Principal Investigator at Johns Hopkins All Children's Hospital, Children's Oncology Group (COG)
05/2017 - 03/2022 Principal Investigator at Johns Hopkins All Children's Hospital, Therapeutic Advances in Childhood Leukemia & Lymphoma (TACL) Consortium

HOSPITAL STAFF PRIVILEGES:

07/2000 - 06/2016 Children's Hospital of Pittsburgh of UPMC, Pittsburgh, PA
02/2006 - 06/2016 UPMC Shadyside Hospital, Pittsburgh, PA
08/2016 - 03/2022 Johns Hopkins All Children's Hospital, St. Petersburg, FL
03/2020 - 03/2022 Advent Health Tampa, Tampa, FL
04/2022 - Present Children's Wisconsin, Milwaukee, WI

SPECIALTY BOARDS AND CERTIFICATION:

<u>Board Certified</u>	<u>Issue Date</u>	<u>Expiration</u>
American Board of Pediatrics	10/1998	12/2004
American Board of Pediatrics - Hematology/Oncology	11/2002	12/2024

<u>Certificates</u>	<u>Issued By</u>	<u>Issue Date</u>	<u>Expiration</u>
CPR	AHA	06/1994	06/2022

<u>Licensure</u>	<u>Number</u>	<u>Issue Date</u>	<u>Expiration</u>
New York Inactive		06/1995	07/1997
Maine (camp) Inactive		07/1996	08/1996
Illinois Inactive		07/1997	07/2007
Pennsylvania Inactive		07/2000	12/2016
Wisconsin (camp) Inactive		07/2011	08/2011
Wisconsin (camp) Inactive		07/2012	08/2012
Wisconsin (camp) Inactive		07/2015	08/2015
Florida (active)	ME128628	06/2016	02/2024
Wisconsin (camp) Inactive		07/2017	08/2017
Wisconsin	76614-20	01/2022	11/2023

AWARDS AND HONORS:

- 09/2000 Children's Oncology Group Young Investigator Grant
- 10/2000 Children's Hospital of Pittsburgh Research Advisory Committee Faculty Startup Grant
- 05/2002 American Society of Pediatric Hematology/Oncology, Young Investigator's Award.
- 06/2003 1st Prize, Hemophilia Research Society Research Competition at International Society of Thrombosis and Hemostasis Annual Meeting, Birmingham, UK
- 06/2003 Outstanding Achievement in Patient Care (Top 10 Physician, Overall Quality of Care) Children's Hospital of Pittsburgh of UPMC
- 05/2005 Health Care Hero, Commonwealth of Pennsylvania, nominated by one of my teenage patients.
- 06/2005 Outstanding Achievement in Patient Care (Top 25 Physician, Overall Quality of Care) Children's Hospital of Pittsburgh of UPMC
- 06/2006 Outstanding Achievement in Patient Care (Top 25 Physician, Overall Quality of Care) Children's Hospital of Pittsburgh of UPMC
- 06/2007 Outstanding Achievement in Patient Care (Top 25 Physician, Overall Quality of Care) Children's Hospital of Pittsburgh of UPMC
- 11/2008 "40 Under 40" Award Winner, "recognizing 40 people under the age of 40 who are committed to shaping our region and making it a better place for everyone." Sponsored by PITTSBURGH magazine and PUMP (Pittsburgh Urban Magnet Progr
- 06/2013 Best Doctors in Pittsburgh, Pittsburgh Magazine
- 06/2014 Best Doctors in Pittsburgh, Pittsburgh Magazine
- 06/2015 Best Doctors in Pittsburgh, Pittsburgh Magazine
- 06/2016 Best Doctors in Pittsburgh, Pittsburgh Magazine
- 05/2018 Outstanding Partner Award, Patient and Family Advisory Council, Johns Hopkins All Children's Hospital
- 06/2019 Top Docs, Tampa Magazine
- 02/2020 Honored as a "Pioneer in AYA Oncology, " 10th Annual Texas Adolescent & Young Adult Oncology Conference
- 06/2020 Top Doctors, Tampa Bay Metro Magazine
- 06/2021 Top Doctors, Tampa Bay Metro Magazine
- 03/2022 Nominee, Dr. William A. Baumgartner Physician of the Year, Johns Hopkins All Children's Hospital

MEMBERSHIPS IN HONORARY AND PROFESSIONAL SOCIETIES:

06/1994 - Present Member (American Academy of Pediatrics)
01/1998 - Present Member (American Society of Hematology)
01/2001 - Present Member (American Society of Pediatric Hematology/Oncology)
03/2005 - Present Member (American Society of Clinical Oncology)
04/2023 - Present Histiocyte Society (Member)

EDITORSHIPS/EDITORIAL BOARDS/JOURNAL REVIEWS:

Editorial Board

2011 - Present Editor, Journal of Adolescent and Young Adult Oncology
2012 - Present Associate Editor, Journal of Pediatric Hematology/Oncology

Journal Review

2000 - Present Bone Marrow Transplantation
2002 - Present Journal of Pediatric Hematology/Oncology
2004 - Present Pediatric Blood and Cancer
2011 - Present Journal of Adolescent and Young Adult Oncology
2017 - Present Cancer Medicine
2019 - Present Journal of Oncology Practice
2020 - Present PLOS One (Public Library of Science)
2021 - Present Scientific Reports

LOCAL/REGIONAL APPOINTED LEADERSHIP AND COMMITTEE POSITIONS:

11/2007 - 12/2012 Member, Meeting Planning Committee, Head of Training Program Affinity Group.
Member, Cancer Center Working Group, LIVESTRONGTM Young Adult Alliance: Standards of Care Task Force, Head of Standards of Care Sub-committee

NATIONAL ELECTED/APPOINTED LEADERSHIP AND COMMITTEE POSITIONS:

12/2017 Member, National Research Strategy Meeting

INTERNATIONAL ELECTED/APPOINTED LEADERSHIP AND COMMITTEE POSITIONS:

11/2007 - 12/2012 Member, Meeting Planning Committee, Head of Training Program Affinity Group.
Member, Cancer Center Working Group, LIVESTRONGTM Young Adult Alliance: Standards of Care Task Force, Head of Standards of Care Sub-committee
06/2012 - 12/2015 Member, Meeting Planning Committee, Critical Mass Young Adult Cancer Alliance
04/2014 - Present Founding Member, Consortium of Adolescent and Young Adult Cancer Centers (CAYACC)

RESEARCH GRANTS/AWARDS/CONTRACTS/PROJECTS:**Active****Peer Review**

Title:	AGCS1532 - A Randomized Phase 3 Trial of Accelerated versus Standard BEP Chemotherapy for Patients with Intermediate and Poor-risk Metastatic Germ Cell Tumors
Source:	Children's Oncology Group
Role:	Institutional Principle Investigator
Dates:	2022 - Present
Title:	AGCT1531 - A Phase 3 Study of Active Surveillance for Low Risk and a Randomized Trial of Carboplatin vs. Cisplatin for Standard Risk Pediatric and Adult Patients with Germ Cell Tumors
Source:	Children's Oncology Group
Role:	Institutional Principle Investigator

Dates: 2022 - Present

Prior

Peer Review

Title: Ex vivo expansion of megakaryocyte precursors from peripheral blood stem cells
Source: National Children's Cancer Fund - Children's Oncology Group Chair's Translational Research Developmental Fund Award
Role: Principal Investigator
Dates: 01/01/2001 - 12/31/2001
Direct Funds: \$30,000 (Total for all years.)

Title: NCI - Targeting Caregivers to Enhance Health Behaviors in Pediatric Cancer Survivors
Source: NIH
Role: Co-Investigator
Dates: 09/24/2013 - 08/31/2016
Direct Funds: \$153,814 (Total for all years.)

Title: Consortium of Adolescent and Young Adult Cancer Centers (CAYACC): A Multi-Institutional National AYA Registry
Source: Hyundai Hope of Wheels Grant
Role: Co-Investigator
Dates: 01/01/2015 - 12/31/2018
Direct Funds: \$75,000 (Total for all years.)

Title: Improving Oncology Clinical Trial Enrollment in Children and Young Adults Through Education – V Foundation for Cancer Research
Source: V Foundation for Cancer Research
Role: Principal Investigator
Dates: 02/01/2017 - 02/01/2019
Direct Funds: \$30,000 (Total for all years.)

Non-Peer Review

Title: Ex vivo expansion of megakaryocytic progenitors through a novel strategy of recombinant cytokines and genetic engineering of CD34+ stem cells
Source: Children's Hospital of Pittsburgh Research Advisory Council
Role: Principal Investigator
Dates: 12/01/2001 - 11/30/2003
Direct Funds: \$75,000

INVITED LECTURES/WORKSHOPS/PRESENTATIONS:

Local

“Coagulation Disorders in Children,” Three Rivers Pediatric Update, Pittsburgh, PA, 04/03/2004

“The Treatment of Acute Lymphoblastic Leukemia in the Adolescent and Young Adult (AYA) Population.”, Western Pennsylvania Hospital, Pittsburgh, PA, 09/22/2005

“The Treatment of Acute Lymphoblastic Leukemia Young Adult (AYA) Population.”, Grand Rounds, University of Pittsburgh Cancer Institute, Pittsburgh, PA, 10/19/2005

“The Treatment of Acute Lymphoblastic Leukemia Young Adult (AYA) Population.”, Pediatric Grand Rounds, Children’s Hospital of Pittsburgh of UPMC, Pittsburgh, PA, 11/30/2006

“Adolescent Oncology”, 8S (Oncology Floor) Education Day, Children’s Hospital of Pittsburgh of UPMC, 10/15/2007

“Fertility Options for Cancer Survivors.”, Grand Rounds, Magee Women’s Hospital, Pittsburgh, PA, 12/12/2007

Medical Oncology Attendings and Staff, University of Pittsburgh Cancer Institute Leukemia and Lymphoma Tumor Board, , University of Pittsburgh Cancer Institute, Pittsburgh, PA, 01/17/2008

“Fertility Preservation in Pittsburgh.”, Grand Rounds, University of Pittsburgh Cancer Institute, Pittsburgh, PA., 01/14/2009

“Coagulation Disorders in Children: The Dilemma of the Bleeding Child.”, The 13th Annual Winter Symposium Pharmacology Update for the Three Rivers Chapter of the National Association of Pediatric Nurse Practitioners, Pittsburgh, PA, 02/06/2009

“The Adolescent and Young Adult (AYA) Oncology Program.”, Tumor Board, University of Pittsburgh Cancer Institute, Pittsburgh, PA, 02/18/2009

“Fertility Options for Cancer Survivors.”, Pittsburgh Cancer Conference, Shadyside Hospital of UPMC, Pittsburgh, PA, 04/15/2009

“Fertility Options for Cancer Survivors.”, Breast Cancer Conference, Magee Women’s Hospital, Pittsburgh, PA, 04/16/2009

“Fertility Options for Cancer Survivors.”, Medical Grand Rounds, Shadyside Hospital of UPMC, Pittsburgh, PA, 05/07/2009

“Adolescents, Young Adults and Cancer: When Two Worlds Collide.”, Grand Rounds, the University of Pittsburgh Cancer Institute, Pittsburgh, PA, 10/07/2009

“Adolescents, Young Adults and Cancer: When Two Worlds Collide.”, Western Pennsylvania Hospital, Pittsburgh, PA., 10/07/2009

“Chemotherapy for Solid Tumors in Children and Young Adults.”, Department of Pediatric Surgery, Children’s Hospital of Pittsburgh of UPMC, Pittsburgh, PA, 04/28/2010

“The Diagnosis of von Willebrand Disease in Children: A Moving Target.”, Pediatric and Adult Hematology Hemostasis and Thrombosis Conference, Pittsburgh, PA, 09/22/2011

, “The Diagnosis of von Willebrand Disease in Children and Adolescents: A Moving Target.”, Adolescent Medicine Lecture Series, Children’s Hospital of Pittsburgh of UPMC, Pittsburgh, PA, 12/01/2011

“Adolescent and Young Adult (AYA) Oncology: Mind the Gap.”, Nursing In-service Lecture, Children’s Hospital of Pittsburgh of UPMC, Pittsburgh, PA, 02/10/2012

“Cancer Therapy, Female Fertility and Difficult Decisions.”, Women’s Health: Ethical Issues in Clinical Care and Research, 21st Annual Medical Ethics Update, Center for Bioethics and Health Law, University of Pittsburgh School of Medicine, Pittsburgh, PA, 04/13/2012

“Hematologic Complications of Solid Organ Transplantation.”, Lunch and Learn Series, Starzl Transplant Institute, Children’s Hospital of Pittsburgh of UPMC, Pittsburgh, PA, 05/21/2012

“Adolescent and Young Adult (AYA) Oncology: Pittsburgh and Beyond.”, Pediatric Grand Rounds, Children’s Hospital of Pittsburgh of UPMC, Pittsburgh, PA, 10/18/2012

“Chemotherapy for Pediatric Solid Tumors.”, Children’s Hospital of Pittsburgh, Pittsburgh, PA, 12/20/2012

“The Adolescent and Young Adult Oncology Program: Update on Clinical Trials.”, Hematopoietic Stem Cell Transplantation Conference, University of Pittsburgh Cancer Institute, Pittsburgh, PA, 01/15/2013

“Treatment of Advanced Stage Hodgkin’s Disease in Adolescents and Young Adults.”, .” Hematopoietic Stem Cell Transplantation Conference, University of Pittsburgh Cancer Institute, Pittsburgh, PA, 03/19/2013

“Adolescent and Young Adult (AYA) Oncology at the University of Pittsburgh Medical Center.”, Hematology/Oncology Division Meeting, University of Pittsburgh Cancer Institute, Pittsburgh, PA., 11/17/2015

“Adolescent and Young Adult Oncology.”, Fifth Annual Research Symposium, Johns Hopkins All Children’s Hospital, St. Petersburg, FL, 10/21/2016

“Adolescent and Young Adult (AYA) Oncology.”, Adolescent Medicine Grand Rounds, Johns Hopkins University-Johns Hopkins All Children’s Hospital, St. Petersburg, FL (videocast to JHU in Baltimore),

02/17/2017

- “How to Build a Pediatric Disease Program,”, Seminars in Academia Lecture Series, Johns Hopkins All Children’s Hospital, St. Petersburg, FL, 04/23/2018
- “Extracranial Germ Cell Tumors,”, Clinical Pathway Lecture, CBDI, Johns Hopkins All Children’s Hospital, St. Petersburg, FL, 03/01/2019
- “Fertility in Pediatric Oncology,”, Lecturer to nurse residents on Heme/Onc floor, Johns Hopkins All Children’s Hospital, St. Petersburg, FL, 09/24/2019
- “Pediatric Solid Tumors,”, Lecturer to nurse residents on Heme/Onc floor, Johns Hopkins All Children’s Hospital, St. Petersburg, FL, 09/26/2019
- Bone and Soft Tissue Sarcomas, Pediatric residents, Children's Wisconsin, Milwaukee, WI, 08/16/2022
- Bone and Soft Tissue Sarcomas, Pediatric residents, Children's Wisconsin, Milwaukee, WI, 08/31/2022
- COG Fall 2022 Updates, Division of Hematology/Oncology/Bone Marrow Transplant, Children's Wisconsin, Milwaukee, WI, 10/06/2022

Regional

- “Anemia in the Child,”, Dubois Pediatric Update, Dubois, PA, 10/05/2002
- “The Treatment of Acute Lymphoblastic Leukemia Young Adult (AYA) Population.”, Uniontown Hospital, Uniontown, PA, 10/18/2006
- “The Treatment of Acute Lymphoblastic Leukemia Young Adult (AYA) Population.”, Grand Rounds, Washington Hospital, Washington, PA, 12/05/2006
- “Family Physicians Role in Ongoing Care of Adolescents Facing Leukemia,”, Pennsylvania Academy of Family Physicians Breakaway Education Session, State College, PA, 03/03/2007
- “The Treatment of Acute Lymphoblastic Leukemia Young Adult (AYA) Population.”, Tumor Board, Dubois Regional Medical Center, Dubois, PA, 05/21/2007
- “Recognizing the Signs and Symptoms of Leukemia in Adolescents and Young Adults,”, Tumor Board, Frick Hospital, Mt. Pleasant, PA, 12/06/2007
- “Pediatric Leukemia,”, 9th Annual Dubois Pediatric Update, Dubois, PA, 04/17/2010
- Coordinator/Moderator and Lecturer, Adolescent and Young Adult (AYA) Oncology Symposium, , Children’s Hospital of Pittsburgh of UPMC, Pittsburgh, PA, 04/29/2010
- “Update on Adolescent and Young Adult (AYA) Oncology.”, Grand Rounds, Washington Hospital, Washington, PA, 10/13/2010
- “Adolescent and Young Adult (AYA) Oncology in Pittsburgh and Beyond,”, Adolescent and Young Adult (AYA) Oncology Symposium, Children’s Hospital of Pittsburgh of UPMC, Pittsburgh, PA., 04/26/2012
- “Adolescent and Young Adult (AYA) Oncology,”, Carol Dietrich Symposium, Butler Memorial Hospital, Butler, PA, 11/16/2013
- “Adolescent and Young Adult (AYA) Oncology”, Pediatric Grand Rounds, Johns Hopkins All Children’s Hospital, St. Petersburg, FL, 05/08/2020

National

- “The Treatment of Acute Lymphoblastic Leukemia Young Adult (AYA) Population.”, Pediatric Grand Rounds, West Virginia University School of Medicine, Morgantown, WV, 05/24/2006
- Roundtable Member U.S. National Cancer Institute (NCI) and the Lance Armstrong Foundation conducted a Program Review Group (PRG) of the Adolescent and young Adult (AYA) Product of meeting: <https://www.cancer.gov/types/aya/research/ayao-august-2006.pdf>, Denver, CO, 06/2006
- “Adolescent and Young Adult (AYA) Oncology: Mind the Gap,”, Pediatric Grand Rounds, Rainbow Babies and Children’s Hospital, Cleveland, OH, 12/18/2008
- “Adolescent and Young Adult (AYA) Oncology: Mind the Gap,”, Pediatric Grand Rounds, Children’s Memorial Hospital, Chicago, IL, 03/13/2009
- “Adolescent and Young Adult Oncology: Sarcomas and Germ Cell Tumors.”, 6th Annual Oncology Congress, Palace Hotel, San Francisco, CA, 10/17/2010
- “Improved Collaboration and Clinical Trial Enrollment in Adolescent and Young Adult (AYA) Oncology Patients After the Establishment of an AYA Program Uniting Pediatric and Medical Oncology Divisions, Annual meeting of LIVESTRONGTM Young Adult Alliance, Austin, TX, 11/05/2010
- “Elements of an AYA Oncology Program.”, . Texas Adolescent and Young Adult Oncology Conference (TAYA), San Antonio, TX, 03/02/2012
- “Preservation of Fertility in Men.”, Texas Adolescent and Young Adult Oncology Conference, San Antonio,

TX, 03/03/2012

“Panel of AYA Oncology Programs: Different Models with the Same Goal.”, Critical Mass Young Adult Cancer Alliance Annual Meeting, Atlanta, GA, 11/08/2012

“I Don’t Wanna Be a Guinea Pig: Why Clinical Trials Matter in AYA Patients.”, Cancer in Adolescents and Young Adults Symposium, , Nationwide Children’s Hospital, Columbus, OH, 04/08/2013

“Adolescent and Young Adult (AYA) Oncology,”, Pediatric Oncology Lecture Series., Children’s Hospital of Richmond at VCU, Richmond, VA, 05/06/2019

“Piloting a Patient-Driven Online Survey to Better Study Cancer in Adolescents and Young Adults (AYA) in the United States.”, Texas Adolescent and Young Adult Oncology Conference (TAYA), San Antonio, TX, 02/21/2020

PEER REVIEWED WORKSHOPS/PRESENTATIONS:

National

“Ex vivo expansion of megakaryocyte precursors from umbilical cord blood CD34+ cells in a closed system.”, American Society of Pediatric Hematology-Oncology Annual Meeting., 05/02/2002

International

“The prevalence of bleeding disorders among healthy pediatric patients with abnormal pre-procedural coagulation studies,”, Hemophilia Research Society Research Competition (1st Prize Award) at International Society of Thrombosis and Hemostasis Annual Meeting, Birmingham, UK, 07/11/2003

“Piloting a Patient-Driven Online Survey to Better Study Cancer in Adolescents and Young Adults (AYA) in the United States.”, Global Adolescent & Young Adult Cancer Congress, Sydney, Australia., 12/05/2018

COMMITTEE SERVICE:

Medical College of Wisconsin

07/2022 - Present Associate Member, Discovery and Developmental Therapeutics (DDT) Program, Medical College of Wisconsin (MCW) Cancer Center

11/2022 - Present Applicant interviewer, Department of Pediatrics, Medical College of Wisconsin (MCW) Cancer Center

Hospital

04/2022 - Present Member, MACC Event Review Committee, Division of Hematology/Oncology/ BMT

04/2022 - Present Leader, Oncology Operations Council, Division of Hematology/Oncology/ BMT

04/2022 - Present Member, Chemotherapy Project Committee, Division of Hematology/Oncology/ BMT

04/2022 - Present Member, Leadership Council, Division of Hematology/Oncology/ BMT

05/2022 - Present Physician Liaison, MACC Fund Center Wellness Committee

02/2023 - Present Member, Executive Committee for Hospital and Emergency Care (ECHEC)

MEDICAL COLLEGE TEACHING ACTIVITIES:

Community/Lay Public

07/2023 Preceptor of a high school student (Tiffany See from Ronald Reagan IB College Preparatory HS) Apprenticeship in Medicine (AIM) program, Office of Student Inclusion

Medical Student Education

07/2023 - 08/2023 MSIII History & Physical Reviewer, Pediatric Clerkship

10/12/2023 Poster judge, Student Research Day, Summer Academic Program for Medical Students(SAMS) and the Medical Student Summer Research Program(MSSRP)

EXTRAMURAL TEACHING:

Community/Lay Public

2004 - 2005 University of Pittsburgh School of Social Work course: Human Behavior: Health/ Mental Health, Pittsburgh, PA, Lecturer, Social Work Students, “The Psychosocial Impact of Cancer on

- Children and Their Families,”
- 11/29/2005 Candlelighters Conference, Pittsburgh, PA, Lecturer, Pediatric Cancer Parents and Supporters, “Cancer Issues for Teens,”
- 11/30/2007 Gilda’s Club of Western PA, Pittsburgh, PA., Lecturer, Parents of Cancer Patients and Parents who have Cancer, “Talking to Your Kids About Cancer,”
- 2008 - 2016 University of Pittsburgh School of Medicine/Children’s Hospital of Pittsburgh of UPMC, Preceptor, MS IV – Teaching Attending and Lecturer, Acting Internship, Neoplasia Course,
- 04/28/2009 Gilda’s Club of Western PA, Pittsburgh, PA, Lecturer, Cancer Survivors and their Families, “Fertility Options for Cancer Survivors”
- 02/26/2010 University of Pittsburgh, Pittsburgh, PA, Lecturer, Student Health Physicians and Nurses, “Adolescent and Young Adult Oncology - Mind the Gap,” - Student Health Services
- 09/10/2014 University of Pittsburgh School of Medicine, Lecturer, Pediatric Cancer Survivors, their Families, Physicians and Nurses, “Considerations for the Pediatric Cancer Survivor,” Our Clubhouse, Pittsburgh, PA
- 10/13/2014 Children’s Hospital of Pittsburgh of UPMC, Pittsburgh, PA, Lecturer, School Nurses, “Pediatric Cancer,” as part of “What you need to know: Students with Cancer”,
- 05/18/2015 Children’s Hospital of Pittsburgh of UPMC, Pittsburgh, PA, Lecturer, University Student Health Center Professionals from Regional Colleges/Universities Conference, “Cancer in Adolescents and Young Adults,”
- 05/22/2015 Dorseyville Middle School, Pittsburgh, PA, Lecturer, 8th Graders, “A Career as a Pediatric Hematologist/Oncologist,”
- 10/27/2015 St. Clair Hospital, Pittsburgh, PA, Lecturer, Community Oncology Nurses, “Adolescent and Young Adult (AYA) Oncology,” Oncology Nursing Society Guest Speaker
- 11/19/2015 University of Pittsburgh School of Medicine, Lecturer, Cancer Survivors, Physicians and Nurses, “AYA Oncology and Fertility,” part of “Fertility Preservation for the Cancer Patient: An Update.” Our Clubhouse, Pittsburgh, PA
- 11/21/2019 The Great American Teach-In, Coleman Middle School, Tampa, FL, Lecturer to 8th grade biology students (3 classes), “Being a Pediatric Hematologist/Oncologist,”
- 11/21/2019 The Great American Teach-In, HB Plant High School, Tampa, FL, Lecturer to 9th grade biology students (2 classes), “Being a Pediatric Hematologist/Oncologist,”

Medical Student Education

- 2000 - 2016 University of Pittsburgh School of Medicine/Children’s Hospital of Pittsburgh of UPMC, Teaching Attending and Lecturer, MS III –Pediatric Clerkship
- 2000 - 2016 University of Pittsburgh School of Medicine/Children’s Hospital of Pittsburgh of UPMC, Lecturer, MSIII, Childhood Cancer lecture to students during pediatric clerkship (60 minutes, 2-3 times/year)
- 2000 - 2015 University of Pittsburgh School of Medicine/Children’s Hospital of Pittsburgh of UPMC. Taught students how to do a pediatric history and physical., Facilitator, Medical Students, MS II – Pediatric Physical Diagnosis Course,
- 2008 - 2016 University of Pittsburgh School of Medicine/Children’s Hospital of Pittsburgh of UPMC, Lecturer, MSIV, Neoplasia Course: two lectures – Pediatric Liquid Malignancies; Pediatric Solid Malignancies (45 minutes each, on an annual basis)
- 11/05/2012 University of Pittsburgh medical students for OPALS Program, Lecturer, 1st and 2nd-year University of Pittsburgh medical students for OPALS Program, “A Career in Pediatric Hematology/Oncology.” Pittsburgh, PA
- 10/23/2014 University of Pittsburgh medical students for OPALS, Lecturer, Lecture to 1st and 2nd-year University of Pittsburgh medical students for OPALS Program, “A Career in Pediatric Hematology/Oncology.” Pittsburgh, PA
- 10/22/2015 University of Pittsburgh medical students, Lecturer, 1st and 2nd-year University of Pittsburgh medical students for OPALS Program, “A Career in Pediatric Hematology/Oncology.” Pittsburgh, PA
- 03/14/2016 University of Pittsburgh Medical Students, Lecturer, 1st year University of Pittsburgh Medical Students, Pediatric Subspecialty Panel Member, Pediatric/Adolescent Interest Group (PAIG), Pittsburgh, PA
- 2016 - 2022 Johns Hopkins All Children’s Hospital, St. Petersburg, FL, Preceptor, University of South Florida MSIII medical students in Hematology/Oncology Clinic and on Heme/Onc floor.

Resident and Fellow Education

- 10/08/2009 Children's Hospital of Pittsburgh of UPMC, Pittsburgh, PA, Lecturer, Pediatric Residents, "Adolescents, Young Adults and Pediatric Grand Rounds Cancer: When Two Worlds Collide." – Invited Lecture at the Children's Hospital of Pittsburgh of UPMC, Pittsburgh, PA
- 2010 - 2016 University of Pittsburgh School of Medicine, Organizer, Fellows and Attendings, Quarterly Journal Club for Division of Hematology/Oncology. I helped choose appropriate articles to review and helped the fellows prepare their presentations.
- 2012 - 2016 University of Pittsburgh School of Medicine, Preceptor, Radiation Oncology Residents - Shadowed by residents in 3-month blocks, ½ day/week
- 08/26/2014 Shadyside Hospital, Pittsburgh, PA, Lecturer, Radiation Oncology Residents, "A Radiation Oncology Resident's Guide to Pediatric Solid Tumors."
- 02/12/2015 Children's Hospital of Pittsburgh of UPMC, Pittsburgh, PA, Lecturer, Pediatric Residents, "Coagulation Disorders in Children: The Dilemma of the Bleeding Child", Noon Resident Conference,
- 07/30/2015 Children's Hospital of Pittsburgh of UPMC, Pittsburgh, PA., Lecturer, Medicine-Pediatrics Residents, "Adolescent and Young Adult (AYA) Oncology," Med-Peds Noon Lecture,
- 08/18/2015 University of Pittsburgh School of Medicine, Lecturer, Pediatric Hematology/Oncology Fellows and Attendings, "Adolescent and Young Adult (AYA) Oncology Update," Hematology/Oncology Division
- 10/27/2015 Shadyside Hospital, Pittsburgh, PA, Lecturer, Radiation Oncology Residents, "A Radiation Oncology Resident's Guide to Pediatric Leukemia,"
- 01/07/2016 Children's Hospital of Pittsburgh of UPMC, Pittsburgh, PA, Lecturer, Pediatric Residents, "Bleeding 101: The Dilemma of the Bleeding Child", Noon Resident Conference,
- 2016 - 2022 Johns Hopkins All Children's Hospital, Preceptor, Pediatric Residents in Hematology/Oncology Clinic and on Heme/Onc floor.
- 08/24/2017 Johns Hopkins All Children's Hospital, St. Petersburg, FL, Lecturer, "Pediatric Liquid Malignancies," Lecture Series, University of South Florida Pediatric Residency
- 04/10/2018 Johns Hopkins All Children's Hospital, St. Petersburg, FL, Lecturer, "Anemia in Children," Lecture Series, Johns Hopkins Pediatric Residency
- 05/17/2018 Johns Hopkins All Children's Hospital, St. Petersburg, FL, Lecturer, "PREP (Pediatric Boards) Review Session – Oncology," University of South Florida Pediatric Residents
- 02/21/2019 Johns Hopkins All Children's Hospital, St. Petersburg, FL, Lecturer, "Pediatric Liquid Malignancies," Lecture Series, University of South Florida Pediatric Residents
- 04/16/2020 Johns Hopkins All Children's Hospital, St. Petersburg, FL, Lecturer, "Anemia in Childhood," Lecture Series, University of South Florida Pediatric Residency
- 11/02/2020 Johns Hopkins All Children's Hospital, St. Petersburg, FL, Lecturer, "Patient with AML," Pediatric Residency Case Conference
- 02/08/2023 Children's Wisconsin, Lecturer, "Neuroblastoma" Pediatric residents
- 03/22/2023 Children's Wisconsin, Milwaukee, WI, Lecturer, "Bone and Soft Tissue Sarcomas," Pediatric residents
- 04/25/2023 Children's Wisconsin, Milwaukee, WI, Lecturer, "Bone and Soft Tissue Sarcomas," Pediatric residents
- 06/07/2023 Children's Wisconsin, Milwaukee, WI, Lecturer, "Neuroblastoma," Pediatric residents
- 06/30/2023 MCWAH, Milwaukee, WI, Facilitator, Case-Based Discussion activity during MCWAH's New Housestaff Orientation (residents from all MCWAH programs)
- 08/16/2023 Children's Wisconsin, Lecturer, "Wilms Tumor" Pediatric residents/fellows
- 09/06/2023 Children's Wisconsin, Lecturer. "Wilms Tumor," Pediatric residents/fellows

Graduate Student Education

- 2001 - 2016 University of Pittsburgh School of Medicine, Lecturer in "Stem Cells" course on "Alternative Sources of Hematopoietic Stem Cells for Transplantation" – Department of Biology PhD students. Pal Monga, MD, Course Head, University of Pittsburgh School of Medicine. 90-minute lecture on an annual basis.

EXTRAMURAL STUDENTS, FACULTY, RESIDENTS, AND CLINICAL/RESEARCH FELLOWS MENTORED:

High School Students

Jacob Miller, Fox Chapel High School class of 2009 (Fox Chapel, PA), 2009 He shadowed me in clinic for his senior year and is currently a resident in pediatrics at the University of South Florida.

Medical Students

Amy Kane, University of Pittsburgh School of Medicine, 09/2001 - 06/2004
Evelyn Shue, University of Pittsburgh School of Medicine, 09/2004 - 06/2008
Stephanie Downs–Canner, University of Pittsburgh School of Medicine, 09/2007 - 06/2010
Callah Antonetti, University of Pittsburgh School of Medicine, 09/2010 - 06/2013
Michelle Sarin, University of Pittsburgh School of Medicine, 09/2010 - 06/2013
Kayllie Wang, University of Pittsburgh School of Medicine, 09/2013 - 06/2016

Clinical/Research Fellows

Sanjay Ahuja, MD, Pediatric Hematology/Oncology Fellow, Children's Hospital of Pittsburgh UPMC, 07/2001 - 06/2004 Clinic mentor for 3 years
Rachel Egler, MD, Pediatric Hematology/Oncology Fellow, Children's Hospital of Pittsburgh UPMC, 07/2002 - 06/2005 Clinic mentor for 3 years
Melinda Fritz, MD, Pediatric Hematology/Oncology Fellow, Children's Hospital of Pittsburgh UPMC, 07/2003 - 06/2006 Clinic mentor for 3 years
Robert Sidonio, MD, Pediatric Hematology/Oncology Fellow, Children's Hospital of Pittsburgh UPMC, 07/2007 - 06/2010 I was his clinic mentor for 3 years and he published an abstract/poster as well as a manuscript with me.
Susan Creary, MD, Pediatric Hematology/Oncology Fellow, Children's Hospital of Pittsburgh UPMC, 07/2010 - 06/2013 Clinic mentor for 3 years.
Seethal Jacob, MD, Pediatric Hematology/Oncology Fellow, Children's Hospital of Pittsburgh UPMC, 07/2013 - 06/2016 . I was her clinic mentor for 3 years and she published two abstracts/posters as well as a manuscript with me.

Residents

Stacy Reynolds, MD, Pediatric Resident at Children's Hospital of Pittsburgh of UPMC, 07/2001 - 06/2005
I was her research mentor and she won the Mark Sperling Research Award for Best Research by a Pediatric Resident (2003), She had an abstract/poster and a manuscript published from her work.
Brian Schultz, MD, Pediatric Resident at Children's Hospital of Pittsburgh of UPMC, 07/2003 - 06/2006 I was his research mentor during residency. He had an abstract/poster from his work.

PROGRAMMATIC DEVELOPMENTS:

Clinical Programs

2006 - 2016 Founder and Head, Adolescent and Young Adult (AYA) Oncology Program at Children's Hospital of Pittsburgh of UPMC
2007 - 2016 Founding Member, Fertility Preservation Group, Children's Hospital of Pittsburgh or UPMC and Magee Women's Hospital of UPMC
2016 - 2022 Founder and Head, Adolescent and Young Adult (AYA) Oncology Program at Johns Hopkins All Children's Hospital

Community Programs

None

COMMUNITY SERVICE ACTIVITIES:

2005 - 2016 Alumni Interviewer, Haverford College
2005 - 2012 The Family House, Pittsburgh, PA - Polo Match Committee (Annual Fundraiser)
2006 - 2016 The Family House, Pittsburgh, PA - Board Member
2013 - 2021 Medical Advisory Group Member, Teen Cancer America
2014 - 2016 The Pittsburgh Harlequins Rugby Football Association - Vice President of the Board of Directors
2014 - 2016 Medical Advisor, CCChampions, Pittsburgh, PA

2015 - 2016 The Pittsburgh Harlequins Rugby Football Association - Youth program mentor for at-risk 8-14 year-old boys in the city Pittsburgh, PA
2016 - 2021 Member, Program and Research Committee, National Pediatric Cancer Foundation
2018 - 2021 Volunteer, Metropolitan Ministries, Tampa, FL
2020 - 2021 Volunteer Assistant Coach, Tampa Bay Krewe Youth Rugby Academy
2020 - 2021 Make-A-Wish Southern Florida, Tampa, FL - Member of the Advisory Board

GLOBAL HEALTH ACTIVITIES:

None

None

ROBERT D. AND PATRICIA E. KERN INSTITUTE FOR THE TRANSFORMATION OF MEDICAL EDUCATION AND NATIONAL TRANSFORMATION NETWORK ACTIVITIES:

BIBLIOGRAPHY

Refereed Journal Publications/Original Papers

1. Shaw PH, Haut PR, Olszewski M, Kletzel M. Hematopoietic stem cell transplantation using unrelated cord blood versus matched sibling marrow in pediatric bone marrow failure syndromes: one center's experience. *Pediatric Transplantation*, 1999;3:315-321.
2. Shaw PH, Brown D, Shulman ST. Tuberculosis-associated hemophagocytic syndrome in an infant. *Ped Inf Dis Jnl*, May 2000;19(5):476-477.
3. Shaw PH, Olszewski M, Kletzel M. Expansion of megakaryocyte precursors and stem cells from umbilical cord blood CD34+ cells in collagen and liquid culture media. *Jnl of Hematotherapy and Stem Cell Research*, 2001;10:391-403.
4. Shaw PH, Cohn SL, Morgan ER, Kovarik P, Haut PR, Kletzel M, Murphy SB. Natural killer cell lymphoma: report of two pediatric cases, therapeutic options and review of the literature. *Cancer*, February 2001;91(4):642-646.
5. Shaw PH, Mancini AJ, McConnell JP, Brown D, Kletzel M. Treatment of congenital erythropoietic porphyria in children with allogeneic stem cell transplantation: a case report and review of the literature. *Bone Marrow Transplantation*, 2001;27:101-105.
6. Haut PR, Kovarik P, Shaw PH, Walterhouse D, Katz BZ, Jenson HB, Kletzel M. Detection of EBV DNA in the cord blood donor for a patient developing Epstein-Barr virus-associated lymphoproliferative disorder following mismatched unrelated umbilical cord transplantation. *Bone Marrow Transplantation*, 2001;27:761-765.
7. Katzenstein HM, Rigby C, Shaw PH, Mitchell TL, Haut PR, Kletzel M. Novel therapeutic approaches in the treatment of children with hepatoblastoma. *J Pediatr Hematol Oncol*, 2002;24(9):751-755.
8. Shaw PH, Dickman PS. Neuroblastoma mimicking rhabdoid tumor of the kidney. *J Pediatr Hematol Oncol*, 2003; 25(7):572-574.
9. Shaw PH, Gilligan D, Wang X, Thall PJ, Corey SJ. Ex vivo expansion of megakaryocyte precursors from umbilical cord blood CD34+ cells in a closed liquid culture system. *Biol Blood Marrow Transplant*, 2003; 9(3):151-156.
10. Hu J, Shekhter-Levin S, Shaw PH, Bay C, Kochmar S, Surti U. A Case of Myelodysplastic Syndrome with Acquired Monosomy 7 in a Child with a Constitutional t(1;19) and a Mosaicism for Trisomy 21. *Cancer Genet Cytogenet*, 2005;156:62-67.
11. Shaw PH, Ranganathan S, Gaines B. A spontaneous intramural hematoma of the bowel presenting as obstruction in a child receiving low-molecular-weight heparin. *J Pediatr Hematol Oncol*, 2005;27(10):558-560.
12. Shaw PH, Ritchey AK. Different Rates of Clinical Trial Enrollment between Adolescents and Young Adults Aged 15 to 21 Years-Old and Children Under 15 Years-Old with Cancer at a Children's Hospital. *J Pediatr Hematol Oncol*, 2007;29(12):811-814.
13. Shaw PH, Reynolds S, Gunawardena S, Krishnamurti L, Ritchey AK. The prevalence of bleeding disorders among healthy pediatric patients with abnormal pre-procedural coagulation studies. *J Pediatr Hematol Oncol*, 2008;30(2):135-141.
14. Kapadia SB, MacGinnitie AJ, Shaw PH. X-linked lymphoproliferative disease in an EBV-negative patient presenting with pancytopenia. *Pediatric Blood and Cancer*, 2008;50(6):1296-1297.

15. Castro EC, Galambos C, Shaw PH, Ranganathan S. Primary mesenteric angiosarcoma in a child with associated lymphangectasia: a case report. *Pediatr Dev Pathol*, 2008;11(6):482-486.
16. Downs-Canner S, Shaw PH. A comparison of clinical trial enrollment between adolescent and young adult (AYA) oncology patients treated at affiliated adult and pediatric oncology centers. *J Pediatr Hematol Oncol*, 2009;31(12):927-929.
17. Aubin S, Barr R, Rogers P, Schacter B, Bielack SS, Ferrari S, Manchester RA, McMaster K, Morgan S, Patterson M, Petrilli AS, Ribera J, Shaw P, Thomas DM, Treadgold C. What should the age range be for AYA oncology? *J Adolesc Young Adult Oncol*. 2011;1(1)3-10.
18. Sidonio RF Jr, Gunawardena S, Shaw PH, Ragni M. Predictors of von Willebrand disease in children. *Pediatr Blood Cancer*. 2012;58(5):736-740.
19. Shaw PH, Boyiadzis M, Tawbi H, Welsh A, Kemerer A, Davidson NE, Ritchey AK. Improved clinical trial enrollment in adolescent and young adult (AYA) oncology patients after the establishment of an AYA oncology program uniting pediatric and medical oncology divisions. *Cancer*, 2012;118(14):3614-3617.
20. Cruz RJ Jr, Ranganathan S, Mazariegos G, Soltys K, Nayyar N, Sun Q, Bond G, Shaw PH, Haberman K, Krishnamurti L, Marsh JW, Humar A, Sindhi R. Analysis of national and single-center incidence and survival after liver transplantation for hepatoblastoma: New trends and future opportunities. *Surgery*, 2013;153(2):150-159.
21. Shaw PH, Hayes-Lattin B, Johnson R, Bleyer A. Improving enrollment in clinical trials for adolescents with cancer. *Pediatrics*, 2014; 133: Supplement 3 S109-S113.
22. Valli H, Peters KA, Hermann BP, Sukhwani M, Shaw PH, Sanfilippo JS, Jaffe TM, Orwig KE. Recovery of undifferentiated spermatogonia from the testes of prepubertal patients after exposure to chemotherapy. *Andrology*. 2:59, 2014.
23. Shaw PH, Reed DR, Yeager N, Zebrack B, Castellino SM, Bleyer A. Adolescent and young adult (AYA) oncology in the United States: A specialty in its late adolescence. *J Pediatr Hematol Oncol*, 2015;37(3):161-169.
24. Buryk M, Picarsic J, Creary S, Shaw PH, Simons J, Deutsch M, Monaco S, Nikiforov Y, Witchel S. Identification of unique heterozygous germline mutation, STK11 (p.F354L), in a child with encapsulated follicular variant of papillary thyroid carcinoma within 6 months of completing treatment for neuroblastoma. *Pediatr Dev Pathol*, 2015;18(4):318-323.
25. Karunamurthy A, Hoffner L, Hu J, Shaw P, Ranganathan S, Yatsenko SA, Surti U. Genomic Characterization of a Metastatic Alveolar Rhabdomyosarcoma Case Using FISH Studies and CGH+SNP Microarray Revealing FOXO1-PAX7 Rearrangement with MYCN and MDM2 Amplification and RB1 Region Loss. *Genome Res*. 2016;150(3-4):253-261.
26. Cooper JD, Costello AG, Shaw PH. A comparison of extremity thrombosis rates in adolescent and young adult versus younger pediatric oncology patients at a children's hospital. *J Adolesc Young Adult Oncol*, 2017 Mar;6(1):62-66.
27. Jacob SA, Shaw PH. No improvement in clinical trial enrollment for adolescents and young adults with cancer at a children's hospital. *Pediatr Blood Cancer*. 2017 Dec;64(12).
28. Reed DR, Oshrine B, Pratt C, Fridgen O, Elstner C, Wilson L, Soliman H, Lee MC, McLeod H, Shah B, Donovan K, Pabbathi S, Turney M, Binitie O, Healy C, Nieder M, Shaw PH, Galligan A, Letson GD, Stern M, Quinn GP, Davies S. Sink or collaborate: How the immersive model has helped address typical adolescent and young adult barriers at a single institution and kept the adolescent and young adult program afloat. *J Adolesc Young Adult Oncol*, 2017 Dec;6(4):503-511.
29. Berger RS, Messina AF, Chandler NM, Amankwah EK, Shaw PH. Instituting a new central line policy to decrease central line-associated blood stream infection rates during induction therapy in pediatric acute lymphoblastic leukemia patients. *J Pediatr Hematol Oncol*, 2020 Oct;42(7):433-437.
30. Antonetti C, Stromberg SE, Costello A, Faith MA, Shaw PH. Quantifying the psychosocial impact of a weekend retreat on adolescent and young adult (AYA) oncology patients. *Journal of Psychosocial Oncology*, 2020 Nov-Dec;38(6):702-713.
31. Chellapandian D, Sunkersett G, Oshrine B, Silva JG, Ziga E, Alpersetin W, Jovce M, Katzenstein H, Godder K, Castillo P, Barredo J, Fort J, Shaw PH, Nieder ML, Cline J, Yang F, Horn B. Pediatric HCT in Florida (2014 ?2016): A report from the FPBCC. *Pediatric Transplantation*, 2021 Aug;25(5):e13931.doi: 10.1111/ptr.1393.
32. Johnston E, Martinez I, Davis E, Caudill C, Richman J, Brackett J, Dickens D, Kahn A, Schwalm C, Sharma A, Patel P on behalf of the POCC Consortium, Bhatia S, *Levine J, *Wolfson J (*co-senior authors). SARS-CoV-2 in Childhood Cancer in 2020: A Disease of Disparities. (Shaw PH, Member of POCC Consortium) *J Clin Oncol*. 2021 Dec 1;39(34):3778-3788. Epub 2021 Oct 25. PMID: PMC8608263

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34. Morris D, Gonzalez R, Cook J, Metts J, Shaw PH. Gastrointestinal complications of intra-abdominal desmoid tumors: A case report and review of the literature. *Case Rep Oncol.* 2022; 15:515–521. <https://doi.org/10.1159/000522441>
35. Shaw PH, Metts J, Amankwah E, Eslin DE, Bradfield S, Slayton WB, Hays B, Calkins B, Rico J, Krischer J. Trends in pediatric cancer care in Florida from 1981-2020: changing patterns in a growing and increasingly diverse population. *Cureus.* 2023 15(2): e35061. doi:10.7759/cureus.35061
36. Martin SD, Davis ES, Dai C, Boal LH, Araya B, Brackett J, Dickens D, Kahn A, Martinez I, Sharma A, Schwalm C, Aguayo-Hiraldo P, Smita Bhatia S, Levinc JM, Johnston EE, Wolfson JA; (Shaw PH, Member of Pediatric Oncology COVID-19 Case Consortium). Clinical features and risk factors Associated With Multisystem Inflammatory Syndrome in Children With Cancer and COVID-19. *JAMA Oncol.* 2023 May 11;e230525. doi: 10.1001/jamaoncol.2023.0525.

Books, Chapters, and Reviews

1. Shaw PH. Book review of Nathan and Oski's Hematology of Infancy and Childhood, vols 1&2. *JAMA,* 2004;291(5).
2. Shaw PH, Corey SJ. Chapter titled "Ex Vivo Expansion of Hematopoietic Stem Cells" in *Pediatric Stem Cell Transplantation*, (Mehta P, ed.) Jones & Bartlett Publishers, 2004.
3. Shaw PH. Chapter titled "Hematological Aspects: Anticoagulation, Heparin-Induced Thrombocytopenia, Plasma Exchange" in *Critical Care of Children with Heart Disease: Basic Medical and Surgical Concepts* (Munoz R, ed.) Springer, 2010; 679-685.
4. Gassei K, Shaw PH, Cannon GM, Meacham LR, Orwig KE. "Male Fertility Preservation: Current Options and Advances in Research" in *Pediatric and Adolescent Oncofertility: Best Practices and Emerging Technologies* (Woodruff TK and Gosiengfiao YC, eds.), Springer, 2017.
5. Shaw PH. Chapter titled "Hematological Aspects: Anticoagulation, Heparin-Induced Thrombocytopenia, Plasma Exchange" in *Critical Care of Children with Heart Disease: Basic Medical and Surgical Concepts; 2nd Edition* (Munoz R, ed.) Springer, 2020; 671-676.

Editorials, Letters to Editor, Other

1. None

Non-Refereed Journal Publications/Original Papers

1. Shaw PH. Sedation and lumbar punctures for pediatric leukemia patients: The challenge of unintended consequences. *Pediatr Blood Cancer.* 2021 Nov;68(11):e29343.doi: 10.1002/pbc.29343. Epub 2021 Sep 14.

Abstracts

1. Shaw PH, Haut PR, Olszewski M, Kletzel M. Hematopoietic stem cell transplantation in pediatric bone marrow failure syndromes: a single center experience. *Jnl Hematotherapy,* 1998; 7(3): 290.
2. Shaw PH, Olszewski M, Kletzel M. Optimizing megakaryocyte precursor expansion of umbilical cord blood CD34+ cells. *Blood,* 1999; 94(10) Suppl.1: 350b.
3. Shaw PH, Olszewski M, Kletzel M. Optimizing megakaryocyte precursor expansion of umbilical cord blood (UCB) CD34+ cells. Presented as a poster at International Society of Hematotherapy and Graft Engineering Annual Meeting, June 2000. *Cytotherapy,* 2000;2(4).
4. Reynolds S, Shaw PH, Gunawardena S, Krishnamurti L, Ritchey AK. The prevalence of bleeding disorders among healthy pediatric patients with abnormal pre-procedural coagulation studies. *Blood,* 2002;100(11) Suppl. 1: 695a.
5. Shaw PH, Gilligan D, Corey SJ. Ex vivo generation of megakaryocyte precursors from umbilical cord blood CD34+ cells in a closed preclinical system. *Blood,* 2002;100(11) Suppl. 2: 420b.
6. Hu J, Shekhter-Levin S, Shaw PH, Bay C, Kochmar S, Surti U. A case of myelodysplastic syndrome with a constitutional mosaicism for trisomy 21 in the skin sample of a child. Presented as a poster at the American Society of Human Genetics Annual Meeting, November, 2003.

7. Shaw PH, Donnenberg AD, Zorich GP, Goyal RK. Altered umbilical cord blood CD34 expression after thawing. *Blood*, 2003;102(11) Suppl. 2: 419b.
8. Shaw PH, Donnenberg AD, Zorich GP, Goyal RK. Altered CD34 expression of umbilical cord blood after thawing. *Biol Blood Marrow Transplant*, 2003: 10(2) Supplement 1:81. Presented as a poster at the American Society for Blood and Marrow Transplantation Tandem Meetings, 2004.
9. Schultz B, Shaw PH, O'Brien S, Gunawardena S, Ritchey AK. The Prevalence of Bleeding Disorders Among Pediatric Patients Referred for Bleeding or Bruising. *Pediatric Blood and Cancer*, 2006;46(6): 665. Presented as a poster at the American Society of Pediatric Hematology-Oncology Annual Meeting, May, 2006.
10. Shaw PH. Different Rates of Clinical Trial Enrollment between Adolescents and Young Adults Aged 15 to 21 Years-Old and Children Under 15 Years-Old with Cancer at a Children's Hospital. *Pediatric Blood and Cancer*, 2007;48(6): 625. Presented as a poster at the American Society of Pediatric Hematology-Oncology Annual Meeting, May, 2007.
11. Downs-Canner S, Shaw PH. A Comparison of Clinical Trial Enrollment Between Adolescent and Young Adult Oncology Patients Treated at Affiliated Pediatric and Adult Oncology Centers. *Pediatric Blood and Cancer*, 2008. Presented as a poster at the American Society of Pediatric Hematology-Oncology Annual Meeting, May, 2008.
12. Shaw PH, Ansary A, Sender L Fertility Preservation Practices for Pediatric Cancer Patients
13. at Children's Oncology Group Centers. *Pediatric Blood and Cancer*, 2008. Presented as a poster at the American Society of Pediatric Hematology-Oncology Annual Meeting, May, 2008.
14. Sidonio RF, Shaw PH, Gunawardena S. Bleeding symptoms are not predictive of mild bleeding disorders in children: a single institution's experience. *Pediatric Blood and Cancer*, 2009;52(6):711. Presented as a poster at the American Society of Pediatric Hematology-Oncology Annual Meeting, April, 2009.
15. Shaw PH, Improved Collaboration and Clinical Trial Enrollment in Adolescent and Young Adult (AYA) Oncology Patients After the Establishment of an AYA Program Uniting Pediatric and Medical Oncology Divisions. *Journal of Clinical Oncology*, 2010 ASCO Annual Meeting Proceedings. Vol 28, No. 15. suppl (May 20 Supplement), 2010: 9558.
16. Shaw PH, Improved Collaboration and Clinical Trial Enrollment in Adolescent and Young Adult (AYA) Oncology Patients After the Establishment of an AYA Program Uniting Pediatric and Medical Oncology Divisions. Abstract #160, University of Pittsburgh Cancer Institute Scientific Retreat, June 17th, 2010.
17. Cooper JD, Kemerer A, Shaw PH, *Pediatric Blood and Cancer*, 2011;56(6):941. A Comparison of Thrombosis Rates in Adolescent and Young Adult (AYA) Versus Younger Pediatric Oncology Patients. Presented as a poster at the American Society of Pediatric Hematology-Oncology Annual Meeting, April, 2011.
18. Shaw PH, Antonetti C, Kemerer A. Quantifying the Psychosocial Impact of a Weekend Retreat on Adolescent and Young Adult (AYA) Oncology Patients. *Pediatric Blood and Cancer*, 2011;56(6):945. Presented as a poster at the American Society of Pediatric Hematology-Oncology Annual Meeting, April, 2011.
19. Wang K, Wang L, Shaw PH. The effect of age and patient history on the prevalence of true bleeding disorders in pediatric patients referred for abnormal coagulation tests. *Pediatric Blood and Cancer*, 2014. Presented as a poster at the American Society of Pediatric Hematology-Oncology Annual Meeting, May, 2014.
20. Wang K, Shaw PH. The incidence of postoperative bleeding in pediatric patients with mild bleeding disorders who received preoperative desmopressin (DDAVP). *Pediatric Blood and Cancer*, 2016. Presented as a poster at the American Society of Pediatric Hematology-Oncology Annual Meeting, May, 2016.
21. Jacob S, Shaw PH. No improvement in clinical trial enrollment for adolescents and young adults with cancer at a children's hospital. *Pediatric Blood and Cancer*, 2016. Presented as a poster at the American Society of Pediatric Hematology-Oncology Annual Meeting, May, 2016.
22. Jacob S, Vander Lugt M, Shaw PH. Bone marrow failure in an infant with Williams Syndrome caused by osteopetrosis: a case report. *Pediatric Blood and Cancer*, 2016. Presented as a poster at the American Society of Pediatric Hematology-Oncology Annual Meeting, May, 2016.
23. Meyer AK, Patel B, Amre D, Trotter J, Sriaroon P, Oshrine B, Hale G, Shaw PH, Grana NH, Mayer JL, Metts JL, Ayala IA, Petrovic A, Leiding JW, Walter J. Clinical features and treatment responses of autoimmune cytopenias with primary immunodeficiency at a tertiary pediatric care facility. *J Clin Immunol*, 2017;37(2):219-220.

24. Van der Sommen S, Lawless K, Duren M, Shaw PH. Building an AYA Oncology Program from the Ground Up: Of Towers and Bridges. Presented as a poster at the Global Adolescent & Young Adult Cancer Congress, December, 2018.
25. Berger RS, Messina AF, Chandler NM, Amankwah EK, Shaw PH. Decreased central line-associated blood stream infections in acute lymphoblastic leukemia patients. Presented as a poster at the American Society of Pediatric Hematology-Oncology Annual Meeting, May, 2019.
26. Beaupin LK, Rokitka DA, Schweitzer J, Borinstein SC, Reed DR, Yeager N, Shaw PH. CAYACC's Online AYA Registry. Poster presentation at Childhood Cancer Data Initiative (CCDI) Symposium, Washington, DC, July, 2019.
27. Beaupin LK, Rokitka DA, Schweitzer J, Borinstein SC, Reed DR, Yeager N, Shaw PH. CAYACC's Online AYA Registry. Poster presentation at 8th Annual Johns Hopkins All Children's Research Symposium, October, 2019.
28. Horn B, Chellapandian D, Jovce M, Silva JG, Ziga E, Oshrine B, Katzenstein H, Godder K, Castillo P, Barredo J, Sunkersett G, Fort J, Shaw PH, Alperstein W, Nieder ML, Cline J, Yang F. Florida Pediatric Bone Marrow Transplant and Cell Therapy Consortium (FPBCC) pediatric outcomes analysis using Enhanced Data Back to Centers (eDBtC) platform. *Biol Blood Marrow Transplant*, 2020; 26(3): Supplement S366-367.
29. Shaw PH, Amankwah EK, Hays B, Calkins B, The Florida Association of Pediatric Tumor Programs, Krischer, JP. Trends in in pediatric cancer care in Florida from 1981-202: A review of the Florida Association of Pediatric Tumor Programs (FATPTP) database. Presented as a poster at the American Society of Pediatric Hematology-Oncology Annual Meeting, April, 2021.
30. Shah NN, Schafer ES Heym KM, Place AE, Burns MA, Gossai N, Shaw PH, Burke MJ, Chang BH, Hermiston ML, Schore RJ, Rushing T, Jarosinski PF, Sposto R, Florendo E, Malvar J, Chi Y-Y, Whitlock JA, Silverman LB, Bhojwani D, Wayne AS. Vincristine sulfate liposome injection (VSLI, Marqibo®) in combination with UK ALL-R3 induction chemotherapy for children, adolescents and young adults with relapsed acute lymphoblastic leukemia (ALL): a Therapeutic Advances in Childhood Leukemia and Lymphoma (TACL) consortium trial. Presented as a poster at the American Society of Hematology Annual Meeting, December, 2021. *Blood* (2021) 138 (Supplement 1): 3402. <https://doi.org/10.1182/blood-2021-149365>.

Peer Reviewed Educational Products

1. None

Non-Peer Reviewed Educational Products

1. None

Database, Video, or Other Research/Clinical Contributions

1. None

Software, Software Modules

1. None

Patents

1. None