

# ADOLESCENT AND YOUNG ADULT MEDICINE

# Mission

The mission of the Division of Adolescent and Young Adult Medicine, Children's Hospital of Pittsburgh of UPMC, is to improve the health and well-being of youth and young adults through:

- Accessible health care services for adolescents and young adults in the context of their families, cultures, and communities
- Interdisciplinary adolescent health care education for health professional trainees and practitioners, as well as youth, young adults, families, and communities
- Research to increase understanding of disparities in adolescent health, promote adolescent health equity, and improve adolescent health outcomes
- Engagement with youth and young adults in their communities as adult allies and advocates

#### **FACULTY AND STAFF**

#### Elizabeth Miller, MD, PhD\*

Professor of Pediatrics, Public Health, and Clinical and Translational Science Division Director

#### Carol Byers, CRNP\*

Clinical Nurse Practitioner

# Brenda Cassidy, DNP, MSN, CPNP-PC

Assistant Professor of Pediatrics

#### Serena Chan, MD

Assistant Professor of Obstetrics and Gynecology and Pediatrics

#### Cherie Priya Dhar, MD\*

Assistant Professor of Pediatrics

#### Nancy R. Eligator, MD

Clinical Assistant Professor of Obstetrics and Gynecology

#### Erika Forbes, PhD

Associate Professor of Psychiatry and Pediatrics

### Yukiko Giho, MSN, CRNP\*

Clinical Nurse Practitioner

#### Elissa Gittes, MD\*

Assistant Professor of Pediatrics

#### Joanne Goodall, CRNP\*

Clinical Nurse Practitioner

#### Karen Hacker, MD, MPH

Clinical Professor of Pediatrics

#### Colleen Krajewski, MD

Clinical Assistant Professor of Obstetrics and Gynecology

# Kara Mackinson Peters, LSW. MPH\*

Transition Care Coordinator/ Social Worker

#### Michael Marshal, PhD

Associate Professor of Psychiatry and Pediatrics

#### Loreta Matheo, MD\*

Clinical Associate Professor of Pediatrics Fellowship Program Director

#### Ann McCurdy, MSW, LSW\*

Transition Care Coordinator/ Social Worker

#### Gerald Montano, DO, MS\*

Clinical Instructor

#### Ana Radovic, MD, MSc\*

Assistant Professor of Pediatrics Associate Fellowship Program Director

#### Laura Richardson, PA\*

Clinical Physician Assistant

#### Dana Rofey, PhD

Assistant Professor of Pediatrics, Psychology, and Psychiatry

#### Joseph Sanfilippo, MD, MBA

Professor of Obstetrics, Gynecology, and Reproductive Sciences

#### Tahniat Syed, MD\*

Assistant Professor of Pediatrics Clinical Director

#### Michelle Ziegler, PA\*

Clinical Physician Assistant

\* Indicates that primary appointment is in the Division of Adolescent and Young Adult Medicine

#### **OVERVIEW OF DIVISION**

he Division of Adolescent and Young Adult Medicine is a dynamic, interdisciplinary team of researchers, educators, and practitioners dedicated to the health and well-being of adolescents and young adults. Faculty within the division hold regional and national leadership positions with organizations such as the American Academy of Pediatrics, Academic Pediatric Association, Society for Pediatric Research, Society for Adolescent Health and Medicine, and National Association of Pediatric and Adolescent Gynecology. In addition, they contribute to the editorial leadership of the Journal of Pediatric and Adolescent Gynecology and the journal Violence Against Women.

Research: Faculty academic interests include prevention of adolescent relationship abuse and sexual violence; prevention of pregnancy, HIV, and sexually transmitted infections; mental health disparities among sexual minorities; innovative health services delivery for marginalized youth; transition to adult care for youth with complex medical conditions; adolescent contraceptive and sexual decision making; and medical and interdisciplinary educational scholarship. Faculty research is funded by the Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD), National Institute of Justice, National Institute of Mental Health (NIMH), National Institute on Drug Abuse (NIDA), National Institute on Alcohol Abuse and Alcoholism (NIAAA), Centers for Disease Control and Prevention (CDC), Department of Health and Human Services Office on Women's Health, and Department of Justice Office of Juvenile Justice and Delinquency Prevention, as well as numerous local and national foundations. The division's faculty and staff have also participated in industry-sponsored research related to contraception and adolescent health. Other research collaborations exist with a variety of divisions within the Department of Pediatrics, including Pediatric Hematology/ Oncology, Pediatric Pulmonary, Pediatric Endocrinology, and Pediatric Infectious Diseases. Robust research, educational, and practice collaborations also exist with faculty in the Departments of Obstetrics and Gynecology, Psychiatry,

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Pharmacy, and Sports Medicine, as well as the School of Nursing, School of Social Work, Graduate School of Public Health, and School of Dental Medicine. The division also proudly supports a Youth Research Advisory Board, a group of young people ages 15–26 who provide input into adolescent and young adult research being conducted at the University of Pittsburgh. The youths provide consultation to researchers on study focus and design, recruitment, consent processes, study flow, as well as interpretation of results and research dissemination.

Clinical Care: The division maintains an active Oakland-based practice, supports satellite locations in the provision of adolescent care, and provides consultations at Children's Hospital in Lawrenceville. Clinical services focus primarily on adolescent medicine consultation, as well as primary care, reproductive health, and behavioral health. Faculty members serve a diverse population of youth and young adults, including medical care and leadership at Carlow University; at the county's juvenile detention facility, Shuman Juvenile Detention Center; and at Family Links shelters, the Gay Lesbian Community Center, and the Auberle Foundation's 412 Youth Zone, providing care for youth and young adults who are homeless. Faculty members also work collaboratively with colleagues at Western Psychiatric Institute and Clinic (WPIC) and in the community to treat adolescents with eating disorders. The youth-led CHANGE (Children's Hospital Advisory Network for Guidance and Empowerment) Transition Program focuses on improving support for youth and families in the successful transition to adulthood, including navigating from pediatric health care to the adult system. The Gender and Sexual Development Program (an interdisciplinary collaboration with Behavioral Health and Endocrinology at Children's Hospital) provides support and treatment for sexual minority and gender-fluid children and youth. The division is also responsible for the clinical services and community outreach provided through the Children's Hospital Ronald McDonald House Care Mobile (clinical services provided via a mobile van).

**Education:** Training for those studying to be health care professionals includes rotations for medical, nurse practitioner, and physician assistant students and opportunities for service and scholarly projects; practicum and internship opportunities for public health, social work, psychology, nursing, nutrition, and pharmacy students; resident rotations for those in pediatrics, psychiatry, obstetrics and gynecology, family medicine, and internal medicine; and the Adolescent Medicine Fellowship Program. Fellows in the Reproductive Endocrinology Fellowship at Magee-Womens Hospital of UPMC also participate in the pediatric and adolescent gynecology sessions.

#### **CLINICAL ACTIVITIES**

he Division of Adolescent and Young Adult Medicine provides a diverse program of primary care and consultative adolescent medicine. It provides in-hospital care for adolescents up to age 26 at Children's Hospital, primarily through an inpatient consultation service which allows the division to work closely with medical and surgical professionals, including those in hematology/oncology, endocrinology, gastroenterology, urology, behavioral health, general surgery, and transplant medicine.

Each year, the division has about 7,500 outpatient visits, including approximately 4,100 visits to the Oakland office. Subspecialty clinics include pediatric and adolescent gynecology-focused sessions attended by a gynecologist, as well as insertion of longer-acting, reversible contraceptives. A nutritionist and several psychologists work collaboratively with the adolescent medicine clinicians and see patients in division offices. Clinical interests and expertise of the faculty include smoking cessation, trauma-informed care, sexual violence prevention, contraception in healthy and medically complex patients, pediatric and adolescent gynecology, eating disorders, transitional care for adolescents with chronic conditions, integrated behavioral health, polycystic ovarian syndrome, menstrual disorders, and gender and sexual development (including care for gender-fluid and transgender youth).

Community-based services include the provision of medical care to youth detained at the county's juvenile detention center, the Shuman Center. The division provides health care to homeless youth and young adults in Allegheny County at multiple Family Links shelters, as well as the Gay and Lesbian Community Center and the Auberle Foundation's 412 Youth Zone, as part of a community-wide collaboration to increase services for unaccompanied youth. The Children's Hospital Ronald McDonald House Care Mobile provides clinical services to children, youth, and families in underserved communities in the region. Two suburban hospital satellite locations are the sites of additional adolescent clinics (South Fayette in the south and Pine Center in the north). Medical care and leadership of Carlow University's Health Service are provided by Ana Radovic. Loreta Matheo oversees the integration of adolescent and young adult care into the region's Children's Community Pediatrics practices.

RESEARCH AND OTHER SCHOLARLY ACTIVITIES

# Elizabeth Miller, MD, PhD

#### RESEARCH

Elizabeth Miller is the director of the Division of Adolescent and Young Adult Medicine and maintains an active research program focused on reducing genderbased violence to improve adolescent health; funding comes from the National Institutes of Health (NIH), the CDC, the Office on Women's Health, and foundations. Examples of research include a cluster-randomized, controlled trial of a gender-based violence-prevention program, funded by the CDC, which involves training coaches to encourage their middle-school male athletes to recognize and stop disrespectful and harmful behaviors toward girls. Another CDC-funded study involves testing a gender transformative program (addressing healthy masculinity and sexuality) among African American males ages 13-19 in 20 neighborhoods in Pittsburgh. Another cluster-randomized, controlled trial is testing a brief sexual assault intervention (NIAAA R01) at student health centers on 28 college campuses.

Miller also serves as a research consultant to Futures Without Violence, a national nonprofit organization providing resources to health care providers in their efforts to prevent domestic violence and sexual assault. Project Connect, a national training project funded by the Office on Women's Health, involves work with states and tribal organizations on the integration of partner-violence prevention and intervention into public health programs, specifically reproductive health, adolescent health, and maternal child health programs. Miller has served as the evaluator for this project, as well as a similar project located in community health centers in California, funded by the Blue Shield of California Foundation.

#### **STUDY SECTIONS**

 Chair, Scientific Review Panel for Research on Violence Against Women, National Institute of Justice, 2012–2014

#### **EDITORSHIPS**

• Editorial Board, Violence Against Women

#### **BOARD AND ADVISORY COMMITTEE MEMBERSHIPS**

- Chair, Research Committee, Society for Adolescent Health and Medicine
- Member, Violence Subcommittee, Society for Adolescent Health and Medicine
- Member, Advisory Board, National Girls Institute, Office of Juvenile Justice and Delinquency Prevention Programs

 Board member, North American
 Society for Pediatric and Adolescent
 Gynecology

#### MAJOR LECTURESHIPS AND SEMINARS

 "Rethinking Sexual and Dating Violence Prevention: Sex, Gender, and Trauma," keynote address, International Family Violence and



Elizabeth Miller, MD, PhD
Division Chief, Adolescent and
Young Adult Medicine

Child Victimization Research Conference, Portsmouth, N.H., 2016

- "Trauma-Informed Care and Universal Education, Beyond Screening," Texas Health Summit, Texas Council on Family Violence, Austin, Texas, 2016
- "Rural Adolescent Health Disparities: Is It About Geography and Access?" Rural Behavioral Health Conference, Canonsburg, Pa., 2016
- "Rethinking Relationship Abuse in Sexual Violence Prevention in Adolescents: Sexuality, Trauma, and Gender," 2016 Ohio Adolescent and Young Adult Health Statewide Summit, Ohio State University, Columbus, Ohio, 2016
- "Understanding Intimate Partner Violence (IPV): Health Resources and Services Administration (HRSA) Strategy to Address IPV," IPV Summit, Rockville, Md., 2016
- "Rethinking Dating and Sexual Violence Prevention:
   Exploring the Roles of Sexuality, Trauma, and Gender,"
   Healthy Relationships Brown-Bag Lecture Series, Penn State New Kensington, New Kensington, Pa., 2017
- "Impact of Violence on Health," National Health Collaborative on Violence and Abuse, Congressional Briefing, Washington, D.C., 2017

#### PROFESSIONAL AFFILIATIONS/SOCIETY MEMBERSHIPS

- Fellow, Society for Adolescent Health and Medicine, 2014 to the present
- Fellow, Society for Pediatric Research
- Academic Pediatric Association
- Fellow, American Academy of Pediatrics, 2005 to the present
- Council on Community Pediatrics and Section on Adolescent Medicine, American Academy of Pediatrics
- North American Society for Pediatric and Adolescent Gynecology

#### **HONORS**

- Distinguished mentor, Institute for Clinical Research Education, University of Pittsburgh, 2014
- Best Doctors, Pittsburgh Magazine, 2014 to the present
- Distinguished Professional Award, Center for Victims, Pittsburgh, Pa., 2015
- · Community Health Teaching Award, Department of Pediatrics, Pittsburgh, Pa., 2016
- Linda A. Dickerson Award, Homeless Children's Education Fund, Pittsburgh, Pa., 2016

- Health Care Heroes, Pittsburgh Business Times, Pittsburgh, Pa., 2016
- Community Partner Award, Auberle Foundation, McKeesport, Pa., 2016
- Philip Troen, MD, Excellence in Medical Student Research Mentoring Award, University of Pittsburgh School of Medicine, Pittsburgh, Pa., 2017

#### Brenda Cassidy, DNP, MSN, CPNP-PC

Brenda Cassidy is a pediatric nurse practitioner (PNP) who holds a doctorate of nursing practice and is an assistant professor and coordinator of the PNP program at the University of Pittsburgh School of Nursing. She received the Distinguished Clinical Scholar Award for two consecutive years (2013-2015), which provided funding to establish a partnership between the School of Nursing and the Division of Adolescent Medicine and to develop a faculty preceptor model in which she precepts PNP students in the Center for Adolescent and Young Adult Health (CAYAH) and coordinates clinical experiences for them in community sites with other adolescent providers. She has collaborated with doctor of nursing practice (DNP) students on scholarly DNP projects, four of which have utilized the division's research staff to improve patient outcomes in adolescent health. Her research involves strategies to

improve human papillomavirus (HPV) vaccine coverage and has produced several funded projects to implement qualityimprovement strategies to increase HPV vaccine rates in primary care. She has presented internationally, nationally, regionally, and locally on adolescent health care as well as quality-improvement strategies to increase HPV vaccine coverage, and she is active in the community on advisory boards and task forces for local HPV vaccine initiatives.

#### PROFESSIONAL AFFILIATIONS/SOCIETY MEMBERSHIPS

- Fellow, National Association of Pediatric Nurse Practitioners (NAPNAP)
- Member-at-large, Executive Board, NAPNAP Three Rivers Chapter, 2017
- National Association of Nurse Practitioner Faculty
- · National Association of Pediatric Nurse Practitioner Faculty
- Association of Faculty of Pediatric Nurse



- Sigma Theta Tau, Theta Mu Chapter, Eta Chapter, 1983
- Adolescent Health Care Special Interest Group, NAPNAP
- Pennsylvania Coalition of Nurse Practitioners, 2005 to the present
- NAPNAP legislative liaison, 2008-2015
- SERV-PA: State Emergency Registry of Volunteers for Pennsylvania

#### **HONORS**

- Dean's Distinguished Teaching Award, 2016
- Distinguished Clinical Scholar Award, 2013–2015
- Community Leadership and Service Award, 2014

#### Cherie Priya Dhar, MD

Cherie Priya Dhar directs resident and medical student rotations for the division. She is a full-time clinician educator and provides specialty services in menstrual disorders, reproductive health care, and care for transgender and gender-expansive youth. She is a medical consultant for the outpatient child and adolescent eating disorders program at the Children's Hospital Pine Center facility.

#### **RESEARCH**

Her research with refugee teenagers, titled "Attitudes and Beliefs Pertaining to Sexual and Reproductive Health Among Unmarried, Female Bhutanese Refugee Youth in Philadelphia," was published in the *Journal of Adolescent Health*.

She has joined the Association of American Medical Colleges' Medical Education Research Certificate Program to become more involved with the division's education research.

#### **MAJOR LECTURESHIPS AND SEMINARS**

- "Fertility Preservation for Transgender and Gender-Expansive Youth," Second Annual Conference on Transgender Health, Pittsburgh, Pa., September 2017
- "The Care of Transgender and Gender-Expansive Youth," Perioperative Nurses Conference, Pittsburgh, Pa., September 2017

#### PROFESSIONAL AFFILIATIONS/SOCIETY MEMBERSHIPS

- · Fellow, American Academy of Pediatrics
- Society of Adolescent Health and Medicine
- North American Society of Pediatric and Adolescent Gynecology

#### Nancy R. Eligator, MD

Nancy Eligator is a clinical assistant professor in the Departments of Medicine and Pediatrics. She is a practicing gynecologist in the Division of Adolescent and Young Adult Medicine in Oakland. She also practices in the General Internal Medicine Clinic at UPMC Montefiore. She is involved with training medical students, residents, and fellows; consults on adolescent gynecology patients; and supervises insertion of long-acting contraception methods.

#### PROFESSIONAL AFFILIATIONS/SOCIETY MEMBERSHIPS

- · Fellow, American College of Obstetrics and Gynecology
- Society for Lower Genital Tract Disorders
- American Balint Society
- North American Menopause Society

#### Erika Forbes, PhD

#### **RESEARCH**

Erika Forbes is a clinical and developmental psychologist whose research focuses on the role of neural reward circuitry in adolescent affective psychopathology, typical development, and substance use. She has contributed to the conceptual and empirical literature on reward in developmental psychopathology. She has led developmental neuroscience studies on adolescents and has used a multimethod approach that includes functional magnetic resonance imaging (fMRI), ecological momentary assessment, and behavioral methods. She is currently principal investigator (PI) of two NIH-funded R01 awards: one on the development of anhedonia during adolescence in a high-risk population (R01 MH104418), which includes an administrative supplement-funded study on anhedonia in sexual minority youth; and one on affective and cognitive flexibility in young adults with anorexia nervosa (R01 MH103230). She also is a recipient of a National Alliance for Research in Schizophrenia and Depression (NARSAD) Independent Investigator Award on inflammatory and growth factors, reward circuitry, and risk for depression; a past recipient of a NARSAD Young Investigator Award on neural reward circuitry and clinical course of adolescent depression; and a co-investigator on numerous federally funded studies (NIH and Department of Defense).

She recently completed an NIMH-funded R01 on the neurobiology of depression in high-risk adolescent girls; an NIDA-funded R01 (DA026222) to examine genetic, neural, and developmental factors in substance use in late adolescence; and an NIDA-funded R21 (DA033612) to develop a novel, ecologically valid fMRI paradigm to assess adolescents' neural responses to peer reward and test its value for predicting reward-related problems.

She has also been the recipient of a K01 award (MH074769) to study reward-related brain function and positive affect in natural settings in adolescent depression, and she has served as a co-investigator on an NIMH-funded Center for Intervention Development and Applied Research (CIDAR; P50 MH080215) grant on treatment for anxiety in young adolescents.

#### STUDY SECTIONS

- External referee, VIDI Grant Programme, Netherlands Organisation for Health Research and Development (also known as ZonMw)
- Ad hoc reviewer, NIH Cognition and Perception Scientific Review Group
- External referee, TOP Grant Programme, VENI Grant Programme, VICI Grant Programme, Netherlands Organisation for Health Research and Development
- External referee, Research Talent Grant Programme, Netherlands Organisation for Scientific Research
- Ad hoc reviewer, NIH Child Psychopathology and Developmental Disabilities Scientific Review Group
- Ad hoc reviewer, Children's Hospital of Michigan Foundation
- · Ad hoc reviewer, Simons Foundation
- Ad hoc reviewer, NIH Conflict Study Section for Adult Psychopathology and Disorders of Aging
- Ad hoc reviewer, NIH Special Emphasis Panel for NICHD Program Project Applications
- Ad hoc reviewer, Medical Research Council of the United Kingdom, Career Development Award Program
- Ad hoc reviewer, NIH Special Emphasis Panel for Program Announcement on Accelerating the Pace of Drug Abuse Research Using Existing Data
- Ad hoc reviewer, NIH Behavioral Genetics and Epidemiology Study Section
- Ad hoc reviewer, NIMH BRAINS Program Study Section
- Ad hoc reviewer, NIH Conflict Study Section for Cognition and Perception

#### **EDITORSHIPS**

- Associate editor, Psychological Science
- Editorial Board, Journal of Abnormal Psychology
- Editorial Board, Journal of Clinical Child and Adolescent Psychology
- Editorial Board, Journal of Abnormal Child Psychology

#### PROFESSIONAL AFFILIATIONS/SOCIETY MEMBERSHIPS

- American Psychological Association
- · Society for Research in Child Development
- Society of Biological Psychiatry
- · Society for Research in Psychopathology

- Full member, American College of Neuropsychopharmacology
- International Society for Research on Child and Adolescent Psychopathology
- Association for Psychological Science
- Psychiatric Research Society

#### **HONORS**

- Young Investigator Award, NARSAD
- Travel Award, American College of Neuropsychopharmacology Emerging Mentor Award, WPIC
- Independent Investigator Award, NARSAD Eva King Killam Award, American College of Neuropsychopharmacology

#### Yukiko Giho, MSN, CRNP

Yukiko Giho is a new addition to the division (August 2016). She is a women's health nurse practitioner who excels in contraceptive counseling and management, providing patient-centered guidance for the full range of contraceptive options. Prior to joining the division, she served undergraduate and graduate students at the University of Pittsburgh Student Health Service, as well as provided ambulatory OB/GYN services in underserved communities in Western Pennsylvania through Adagio Health. Her expertise has increased accessibility to long-acting reversible contraception, including critically important opportunities for same-day placement for patients seen in the division's clinics. Her clinical duties include being a member of the division's collaborative practice to embed adolescent subspecialty care into Children's Community Pediatrics, where she enhances access to reproductive health services in the community setting. She has given lectures on contraceptive counseling to nurse practitioner students at the University of Pittsburgh for the past three years. At the division's Adolescent Medicine Conference in May 2017, she introduced Laughter Yoga, a unique practice to enhance resilience.

#### PROFESSIONAL AFFILIATIONS/SOCIETY MEMBERSHIPS

- Vice president, Nurse Practitioner Association of Southwestern Pennsylvania
- Pennsylvania Coalition of Nurse Practitioners
- Association of Reproductive Health Professionals
- National Association of Nurse Practitioners in Women's Health
- American Association of Nurse Practitioners

Elissa Gittes brings to the division expertise in medical assessment and management of eating disorders and clinical experience in a wide range of adolescent-specific health care issues, such as menstrual disorders, mental health, acne, and contraception. She is involved with resident and fellow education at the Adolescent Clinic in Oakland. She oversees the Adolescent Clinic at the Children's Hospital Pine Center facility, offering her expertise to suburban youth. She is a medical consultant for the outpatient child and adolescent eating disorders program, now located in the Children's Hospital Pine Center facility.

#### PROFESSIONAL AFFILIATIONS/SOCIETY MEMBERSHIPS

- American Academy of Pediatrics
- National Eating Disorders Association
- · Society for Adolescent Health and Medicine

#### **HONORS**

• Best Doctors, Pittsburgh Magazine

#### Joanne Goodall, CRNP

Joanne Goodall is a nurse practitioner who has been with the division for 24 years. She provides acute and primary care to youth at the CAYAH and Family Links shelters. She primarily serves high-risk, vulnerable, and homeless youth and young adults. She collaborates with and coordinates services among many local medical, mental, and social service providers. She is the lead clinician of the Gender and Sexual Development Program, serving gender-expansive and transgender youth and young adults, and she is an active supporter of the division's research with lesbian, gay, bisexual, transgender, and queer (LGBTQ) minority youth. Goodall delivers numerous presentations to a variety of audiences on transgender care.

#### **HONORS**

- Unsung Hero Award, Homeless Children's Education Fund, 2014
- ACES Award, UPMC Award for Commitment and Excellence in Service, 2015
- Ambulatory Accolades Award, UPMC, 2015
- Excellence in Patient Experience, UPMC, 2016

#### Kara Mackinson Peters, LSW, MPH

Kara Mackinson Peters is the transition care coordinator/social worker in the Division of Adolescent and Young Adult Medicine. She coordinates the identification, assessment, and counseling of individuals who have complex medical and

psychosocial needs and assists in the transition of adolescents and young adults into adult health care.

Peters leads the Mental Health QI project, which serves as the foundation of the division's integrated behavioral health model. The project involves collecting and analyzing data on the utilization and show rates for mental health and social work appointments to evaluate the effectiveness of the model and to address barriers through iterative modifications.

In her role as transition care coordinator, Peters participates in the hospital-wide Task Force 13, which aims to improve the process by which patients with complex health needs transition from pediatric to adult care. Peters co-leads the Transition Readiness QI project, which implements transition "vital signs" and readiness assessments with patients to promote patient self-efficacy regarding their health and health care transition.

Peters serves as a field instructor with a Health Resources and Services Administration grant for the University of Pittsburgh School of Social Work; the grant aims to develop and expand the workforce in substance abuse and mental health. Peters supervises master's students completing field placements through the grant within the Division of Adolescent and Young Adult Medicine, specifically with training and development in the Integrated Health Care Model. The workforce supports the behavioral health needs of children, adolescents, and transitional-age persons 16–25 years old who are at risk for mental illness, substance abuse, and suicide and who are among the least likely to seek continuous help.

#### **BOARD AND ADVISORY COMMITTEE MEMBERSHIPS**

 Task Force 13 for Health Care Transition, Children's Hospital of Pittsburgh

#### Michael Marshal, PhD

#### **RESEARCH**

Michael Marshal's primary research goals are to identify risk and protective factors for mental health problems among sexual and gender minority youth to inform and develop prevention and intervention programs. He is the PI on several studies funded by the NIH that examine longitudinal trajectories of substance use and associated mental health problems over time among sexual and gender minority youth (e.g., DA034619 and DA037958). Both of those studies have directly or indirectly used the division's Oakland clinic as a sampling venue. One study

examines stress-reactivity and long-term outcomes regarding substance use among heterosexual and sexual minority young women. Preliminary findings have been presented at national adolescent-focused conferences. The other study examines substance use and mental health disparities among gender minority youth, as well as outcomes over time. Marshal is the PI on a secondary data-analysis grant focused on examining trajectories of disparities over time regarding substance use among sexual minority females (DA030385). Marshal is a co-investigator or consultant on several other studies that examine mental health and wellness among these vulnerable and marginalized populations.

#### **MAJOR LECTURESHIPS AND SEMINARS**

 "Taking Stock of an Emerging Literature: Mental Health Disparities Among LGBTQ Youth and Their Implications for Healthcare Providers," invited talk, Transforming Care: Midwest Conference on LGBTQ Health Equity and HIV/AIDS, Columbus, Ohio, October 2016

#### PROFESSIONAL AFFILIATIONS/SOCIETY MEMBERSHIPS

- American Association for the Advancement of Science
- American Psychological Association
- · Research Society on Alcoholism
- · Society for Research in Child Development

#### **HONORS**

- Predoctoral National Research Service Award, Mentored Research Scientist Development Award, NIAAA
- Early Career K-Award, Mentored Research Scientist Development Award, NIAAA

#### Loreta Matheo, MD

Loreta Matheo is the adolescent medicine fellowship program director. Until June 2016, she served as the medical leader for Duquesne University's Health Service, and she oversaw training and education in college health for the division's fellowship program. Currently, she is the director of the Transition Services Program in the division. Additionally, she is the Children's Community Pediatrics adolescent and young adult physician liaison, working to enhance educational opportunities for primary care pediatric practices regarding care for adolescents and young adults while also providing embedded subspecialty care in their offices as part of a collaborative care pilot program.

#### **BOARD AND ADVISORY COMMITTEE MEMBERSHIPS**

- Admissions Interviewing Committee, University of Pittsburgh School of Medicine
- Admissions Committee, University of Pittsburgh School of Medicine
- Diversity and Inclusion Committee, Children's Hospital of Pittsburgh
- Children's Hospital of Pittsburgh Transition Care Task Force 13
- Retain AYA Task Force

#### PROFESSIONAL AFFILIATIONS/SOCIETY MEMBERSHIPS

- College Health Special Interest Group, Society for Adolescent Health and Medicine
- Section on Clinical Medicine, American College Health Association
- Fellow, Section on Adolescent Health, American Academy of Pediatrics

#### **HONORS**

• Best Doctors, Pittsburgh Magazine, 2014, 2015, 2016

#### Ann McCurdy, MSW, LSW

Ann McCurdy is a clinical social worker and transition care coordinator within the Division of Adolescent and Young Adult Medicine. She is lead faculty on a Health Resources and Services Administration training grant to train master's in social work students in integrated behavioral health and care for adolescents and young adults. McCurdy coordinates the identification, assessment, and counseling of individuals who have complex medical and psychosocial needs, with emphasis on the LGBTQ population. McCurdy serves as field instructor at the University of Pittsburgh School of Social Work, where she is responsible for the supervision of master's students completing field placements within the division. The role includes the 412 Youth Zone, a drop-in center for young adults 18-24 who are currently experiencing homelessness or who have aged out of the foster care system. McCurdy's primary social work interests include working with adjudicated and dependent youth, working with transgender adolescents and young adults, and connecting patients to resources throughout the community.

#### **BOARD AND ADVISORY COMMITTEE MEMBERSHIPS**

- Youth Support Provider Network, Allegheny County Department of Human Services
- Allegheny County Ending Youth Homelessness Initiative
- Allegheny County Department of Human Services Homeless Youth Leadership Group
- Board member, Cannon Fellowship, University of Pittsburgh School of Social Work

#### Gerald Montano, DO, MS

#### RESEARCH

Gerald Montano's overarching research aim is to improve the health and well-being of LGBTQ youth through the development of community-based and clinical interventions. His research involves identifying and describing differences in parent-child relationships between heterosexual youth and sexual minority youth—youth who identify as gay/lesbian/bisexual, have same-sex attractions, or have same-sex romantic/sexual partners—and the impact these differences have on the health of sexual minority youth.

Montano is a recipient of two recent grants. The first, titled "Identifying Differences in Parental Monitoring Between Sexual Minority and Heterosexual Girls Throughout Adolescence," is funded by the Children's Hospital of Pittsburgh Research Advisory Committee and seeks to identify how monitoring differences influence substance use between the two groups. The study will conduct a secondary data analysis of the Pittsburgh Girls Study—a community-wide longitudinal study of young women in the city of Pittsburgh—to identify such differences using multilevel regression and Cox models with non-proportional hazards.

The second grant, titled "Sexual Minority Youth Substance Use Prevention Strategies," is funded by the University of Pittsburgh Physician Foundation and seeks to describe the strategies parents use to prevent substance use by their sexual minority children and the experiences the children have with the strategies. Additionally, it seeks input from stakeholders in LGBTQ health to determine new and novel ways to prevent substance use among sexual minority youth. The study will use in-depth interviews and focus groups to achieve its aims.

Montano is also an expert in care for gender minority youth and organizes the annual Pittsburgh Transgender Conference for health professionals, in partnership with the Persad Center.

#### **BOARD AND ADVISORY COMMITTEE MEMBERSHIPS**

- Director, Youth Research Advisory Board, Children's Hospital of Pittsburgh of UPMC
- Treasurer/secretary, Ohio Valley Society of Adolescent Health and Medicine
- Medical education codirector, Transgender Care:
   Basic and Beyond for Providers, Children's Hospital of
   Pittsburgh of UPMC and Persad Center, Pittsburgh,
   Pa., September 2016

#### **MAJOR LECTURESHIPS AND SEMINARS**

- "The Journey Begins: Initial Medical Management for Transgender Youth," Trans Pride PGH Professional Conference, Pittsburgh, Pa., September 2016
- "Group-Based Trajectories of Parental Monitoring Components Between Sexual Minority and Heterosexual Girls and Their Associations with Substance Use," New Investigator Award Lecture, Society of Adolescent Health and Medicine, March 2017
- "Beyond Acceptance and Support: Parent-Adolescent Relationship Among LGBT Youth," keynote address, Greater Pittsburgh Psychological Association Continuing Education Conference, May 2017
- "Parent-Adolescent Relationship Among Sexual Minority Youth," Fifth Annual Adolescent Medicine Symposium, Children's Hospital of Pittsburgh of UPMC, May 2017

#### PROFESSIONAL AFFILIATIONS/SOCIETY MEMBERSHIPS

- · American Academy of Pediatrics
- · Society for Adolescent Health and Medicine
- · Society of Pediatric Research
- Ohio Valley Society of Adolescent Health and Medicine

#### **HONORS AND AWARDS**

• Finalist, New Investigator Award, Society of Adolescent Health and Medicine

#### Ana Radovic, MD, MSc

#### **RESEARCH**

Ana Radovic was awarded an NIMH career-development award (1K23MH111922-01A1). The overarching goal of her research program is to increase use of mental health services by adolescents with depression and/or anxiety. Specifically, she has developed an intervention, SOVA or Supporting Our Valued Adolescents, which aims to address key mechanisms which affect service use using two moderated social media websites (one for parents, one for adolescents), with daily blog posts, peer interactions, and discussion guides. Currently, she is testing methods that increase user engagement with these sites and investigating factors which may affect implementation in primary care settings. She plans to test SOVA in a pilot randomized, controlled trial and learn more parent-adolescent communication factors regarding mental health and relationship quality in the context of a web-based intervention.

#### **BOARD AND ADVISORY COMMITTEE MEMBERSHIPS**

- Board member, FamilyLinks
- Mental Health Committee, Society for Adolescent Health and Medicine

#### **MAJOR LECTURESHIPS AND SEMINARS**

- "Screening for Depression in Adolescents Presenting to Primary Care," Montana American Academy of Pediatrics: Annual Pediatric Roundup Conference, Chico Hot Springs, Mont., 2016
- "Adolescent Well Care and Immunizations," Gateway Health webinar, June 2017
- "Social Media Use in Depressed and Anxious Adolescents: A Two-Way Street," grand rounds, Children's Hospital of Pittsburgh; Services for Teens at Risk Conference, WPIC; and National Alliance on Mental Illness Keystone Pennsylvania First Child and Adolescent Conference, 2017

#### PROFESSIONAL AFFILIATIONS/SOCIETY MEMBERSHIPS

- · American Academy of Pediatrics
- Society for Adolescent Health and Medicine
- · Society of Pediatric Research

#### **HONORS**

- Fellow, American Academy of Pediatrics, 2014
- Dean's Faculty Advancement Award, 2017

#### Dana Rofey, PhD

#### RESEARCH

Dana Rofey's research focus has been on prevention and intervention efforts to assist obese adolescents in increasing functional aspects of their lives. Her work emphasizes the importance of evidence-based interventions and bariatric surgery targeting multiple and synergistic regulatory processes (e.g., weight, mood, sleep). Through her research, she has provided evidence that behavioral and surgical interventions, delivered during adolescence, a time of optimal brain plasticity, can induce broad and positive shifts in behavioral trajectories. Moreover, Rofey has also found that for adolescents with severe obesity (> 150% ideal weight), surgery can improve cognitive, psychopathological, and functional domains. Her current work in this area focuses on the effects of obesity on the brain (both functional and structural) and mechanistic pathways. She has incorporated aspects of community-partnered, stakeholder-engaged obesity work, as well as served as an expert to train nurses and providers within the community to disseminate and implement evidence-based care. She emphasizes key windows of opportunity during the transition period—adolescents moving into adulthood—and the

importance of providing high-quality services, as well as understanding how to effectively engage young adults. Rofey has received grant funding to further develop transition programs in the areas of transgender youth/young adults, type I diabetes, and youth without a primary care provider. Generally, Rofey's research focuses on adolescents, especially those transitioning to adulthood, across regulatory processes, with a focus on obesity and gender identity.

#### **BOARD AND ADVISORY COMMITTEE MEMBERSHIPS**

- President-elect/president, Clinical Management Section, Obesity Society, 2014–2017
- Chair, Membership Committee, Obesity Society
- Advisory Committee on Childhood Obesity, Pennsylvania Community Health Needs, 2015, 2017
- Membership Committee, Obesity Society, 2015 to the present
- Mental Health Advisory Board, Allegheny County
- NIH Scientific Review Committee, Clinical Endocrinology and Reproduction, 2015
- Advisory Committee on Childhood Obesity, Pennsylvania Community Health Needs, 2015
- Membership chair, Obesity Society, 2017
- President, Obesity Society Clinical Management, 2017
- Advisory Board, Pittsburgh Park Rx, 2017

#### **MAJOR LECTURESHIPS AND SEMINARS**

- "Bullying and Childhood Adversity as Predictors of Nonsuicidal Self-Injury Among Sexual Minority Adolescents in the Heathy Allegheny Teen Survey," Society of Adolescent Health and Medicine annual meeting, Washington, D.C., March 2016
- "Motivational Interviewing With Adolescents," Society of Adolescent Health and Medicine annual meeting, Washington, D.C., March 2016
- "Standardization for Diagnosing PCOS in an Adolescent Medicine Division," North American Society for Pediatric and Adolescent Gynecology, Toronto, Canada, April 2016
- "Transgender 101," Pittsburgh Public Schools, Pittsburgh, Pa., May 2016
- "Creating Evidence-Based Group Models for Transgender Adolescents and Young Adults," Annual Adolescent and Young Adult Health Research Symposium, Pittsburgh, Pa., May 2017

#### PROFESSIONAL AFFILIATIONS/SOCIETY MEMBERSHIPS

- American Psychological Association
- Academy for Eating Disorders
- Association for Behavioral and Cognitive Therapies
- Obesity and Eating Disorders Special Interest Group, Association for Behavioral and Cognitive Therapies

- Eating Disorder Research Society
- Motivational Interviewing Network of Trainers

## Joseph Sanfilippo, MD, MBA

#### **RESEARCH**

Joseph Sanfilippo is a collaborator on several studies that include epigenetic profiling of human embryonic stem cells and sperm DNA integrity, as well as post-concussion menstrual patterns in adolescent females. Over the past year, in his capacity as executive director of the North American Society for Pediatric and Adolescent Gynecology, he has overseen the work of the society's research committee.

#### **BOARD AND ADVISORY COMMITTEE MEMBERSHIPS**

- National Advisory Board, American Association of Gynecologic Laparoscopists
- Fellowship site inspector, Fellowship in Minimally Invasive Gynecology Boards
- Past member, Board of Trustees, American Association of Gynecologic Laparoscopists
- Executive director, North American Society for Pediatric and Adolescent Gynecology
- Member at large, Executive Committee, North American Society for Pediatric and Adolescent Gynecology
- Ex-officio board member, North American Society for Pediatric and Adolescent Gynecology
- Past president, American Society for Reproductive Medicine

#### **EDITORSHIPS**

- Editor in chief, Journal of Pediatric and Adolescent Gynecology, through April 2016
- Editorial Board, Fertility and Sterility
- Editorial Board, Journal of Minimally Invasive Gynecology

#### PROFESSIONAL AFFILIATIONS/SOCIETY MEMBERSHIPS

- American Association of Gynecologic Laparoscopists
- Certified by American Board of Obstetrics and Gynecology with subspecialty certification in Reproductive Endocrinology and Infertility
- · American College of Obstetricians and Gynecologists
- Accreditation Council for Gynecologic Endoscopy
- American Society for Reproductive Medicine (formerly the American Fertility Society)
- American Society for Psychosomatic Obstetrics and Gynecology
- · Association of Professors of Gynecology and Obstetrics
- North American Society for Pediatric and Adolescent Gynecology

- Society for Reproductive Investigation
- U.S. International Foundation for Studies in Reproduction

#### **HONORS**

- Best Doctors, Pittsburgh Magazine, 2005 to the present
- Distinguished alumnus, Chicago Medical School,
   Rosalind Franklin University of Medicine and Science

#### **MAJOR LECTURESHIPS AND SEMINARS**

- "Text Messaging Yields High Research Response Rates to Track Menstrual Cycles and Patient-Reported Outcomes," Pacific Coast Reproductive Society 64th Annual Meeting: New Frontiers in Reproduction and Genetics, Rancho Mirage, Calif., March 2016
- "Text Messaging Yields High Research Response Rates to Track Menstrual Cycles and Patient-Reported Outcomes in Adolescents," 30th Annual Clinical and Research Meeting, North American Society for Pediatric and Adolescent Gynecology, Toronto, Canada, April 2016
- "Abnormal Menstrual Patterns in Young Women Following Sport-Related Concussion," Magee-Womens Research Day in Reproductive Biology and Women's Health, Pittsburgh, Pa., May 2016
- "A Prospective Examination of Abnormal Menstrual Patterns in Adolescent Female Athletes Following Concussion," American College of Sports Medicine 63rd Annual Meeting, Boston, Mass., June 2016

#### Tahniat Syed, MD

#### RESEARCH

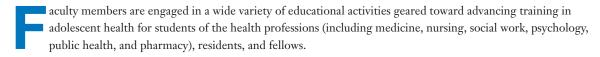
Tahniat Syed is the clinical director for the division. She has expertise in adolescent reproductive health and menstrual disorders. She works closely with the front desk staff, nurses, medical assistants, and clinicians on operations of the Oakland CAYAH, south, and north offices. She is involved with teaching pediatric residents and adolescent medicine fellows. She also completed the Webster Leadership training course, which involved a project assessing advanced practice providers' training. She is a member of the Medical Standards Committee at Adagio Health. Syed is working on the development of the Advanced Practice Provider Fellowship Curriculum for the Division of Adolescent and Young Adult Medicine.

#### PROFESSIONAL AFFILIATIONS/SOCIETY MEMBERSHIPS

• Fellow, American Academy of Pediatrics

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#### **TEACHING ACTIVITIES**



The Division of Adolescent and Young Adult Medicine offers a unique interdisciplinary learning environment where learners at various stages from a range of disciplines practice integrated care to improve the health and well-being of adolescents and young adults. This interdisciplinary training is supported through federal grants (such as a grant from the Health Resources and Services Administration to the School of Social Work), internal grants (such as a faculty development award to Cassidy for development of a learning experience for nurse practitioner students), and other foundation funds that encourage integrated care (such as the CHANGE program).

Clinical learning activities occur primarily through teaching sessions at CAYAH in Oakland, the Shuman Juvenile Detention Center, and the Adolescent Consultation Service at Children's Hospital in Lawrenceville. At CAYAH, trainees participate in primary care, family planning, and consultation services for a diverse population of teens and young adults from local neighborhoods and neighboring states. At the Shuman Center, residents provide health screening and acute medical care at the center's medical clinic. All pediatric residents experience a four-week outpatient adolescent medicine rotation, including clinical sessions at Shuman and CAYAH. All residents (and senior medical students) complete a half-day orientation, including a talk on motivational interviewing that is a component of their yearlong motivational interviewing curriculum. Additionally, all residents are scheduled to spend a day at the Center for Overcoming Problem Eating (a WPIC/Children's Hospital collaboration). There, they follow a triple-boarded attending (Alexis Fertig) through the assessment process, inpatient unit rounds, and case discussions. They spend at least one session with an obstetrics/gynecology faculty member, which allows exposure to long-acting reversible contraception for adolescents. They also visit a drop-in center and clinic (overseen by the division) for unaccompanied youth and young adults in downtown Pittsburgh at the Gay and Lesbian Community Center and at the 412 Youth Zone. Finally, all residents are encouraged to provide a summative 15-minute talk on a topic of their choosing regarding an aspect of adolescent health, highlighting the relevant evidence base.

Students participate in clinical education activities for a week during their second-year ambulatory medicine rotations or as senior students in a monthlong elective rotation. In addition to learning at CAYAH, students have opportunities to experience adolescent care at Carlow Health Services, 412 Youth Zone, and other community-based sites.

Outside those clinical teaching activities, the faculty members serve as course directors, facilitators, or instructors in a variety of medical school and public health courses, including Introduction to Medical Interviewing, Advanced Medical Interviewing, Methods and Logic in Medicine, Pediatric Advanced Physical Exam, and courses in community-partnered research. Faculty members serve as advisors and mentors to medical students, residents, fellows, and graduate students from a number of different departments and schools (including family practice, obstetrics/gynecology, internal medicine, public health, education, social work, nursing, and pharmacy). Other teaching activities include presenting noon conferences for residents and students, as well as mentoring research projects for fellows, residents, and students. As noted, faculty members deliver numerous invited presentations locally, nationally, and internationally.

Dhar, Syed (clinical director for the division), and Radovic (associate fellowship program director) oversee a range of teaching activities within the division. Current teaching responsibilities include: directing the required PGY-2 rotation in adolescent medicine for pediatrics, medicine-pediatrics, and triple-board residents; precepting fellows in adolescent medicine; precepting and mentoring interdisciplinary trainees in the Leadership Education in Neurodevelopmental and Related Disorders Program; coordinating the Combined Ambulatory Medicine and Pediatrics Clerkship (CAMP-C) ambulatory care course for second-year students; lecturing for the pediatric resident noon conferences; codirecting Advanced Medical Interviewing, a required four-week course for second-year medical students; providing monthly lectures for third-year medical students (Introduction to Adolescent Medicine); giving lectures for medical students signed up for the pediatric clerkship Introduction to Adolescent Medicine; and mentoring graduate students across disciplines for community-oriented projects sponsored by the Bridging the Gaps Program and the Albert Schweitzer Foundation.

Dhar is actively involved with teaching of adolescent medicine fellows. She has started a monthly lecture series for residents on the adolescent medicine clerkship on topics such as sexually transmitted infections, contraception, abnormal uterine bleeding, and care for gender-expansive youth. She oversees the confidentiality lectures for all CAMP-C students for the University of Pittsburgh School of Medicine. Dhar conducts Advanced Medical Interviewing and Advanced Physical Exam courses for medical students and is a facilitator for the Diversity Seminar Series for the University's class of 2021.

Matheo, the fellowship program director, provides mentorship to students, residents, and fellows in the health professions. She provides clinical supervision of adolescent medicine fellows; pediatric, medicine-pediatrics, and triple-board residents; and medical students in the inpatient setting and in the outpatient Adolescent Medicine Clinic, as well as Duquesne University's Health Service. She serves as the medical advisor for the University's Eating Disorder Team. Additional teaching duties include precepting the PGY-2 residents at the Shuman Center and precepting second-year medical students for the CAMP-C ambulatory care course. From 2011 to the present, she has had an average of four students per session for a total of four sessions per course. Matheo is also an instructor in Advanced Medical Interviewing.

Gittes provides mentorship to first-year medical students through the FAST advising program.

The CRNPs (Goodall, Cassidy, Byers, and Giho) serve as faculty preceptors for pediatric and family nurse practitioner students; the physician assistants (Ziegler and Richardson) serve as faculty preceptors for the physician assistant students from Chatham University. Cassidy oversees the training of nurse practitioner students, including a course at the School of Nursing. Ziegler is working with Syed on the development of the Advanced Practice Provider Fellowship Program.

Faculty members provide clinical teaching to the residents and fellows on a rotating basis. Miller is responsible for teaching school health and trauma-informed care to the pediatric residents during their community health and advocacy rotation.

#### RESEARCH MENTORSHIP

iller is a research mentor for multiple junior faculty members in pediatrics, psychiatry, and social work; fellows in adolescent medicine, hematology/oncology, gastrointestinal medicine, internal medicine, and general academic pediatrics; graduate students in public health and social work; and medical and nursing students. She participates in research training for the adolescent fellowship program, and she oversees multiple medical student scholarly projects, doctoral nurse practitioner student capstone projects, and public health and social work practicum projects. Current research mentees have produced multiple publications and presented their work nationally at meetings of the Society for Adolescent Health and Medicine and the American Public Health Association. She received the 2013 Distinguished Mentor Award from the Institute for Clinical Research Education at the University of Pittsburgh as well as the Philip Troen, MD, Excellence in Medical Student Research Mentoring Award from the University of Pittsburgh School of Medicine in 2017.

Marshal is engaged in a host of teaching and mentoring activities, which have produced several training grants funded by the NIH and peer-reviewed publications.

- He is a co-mentor on four K awards and one F31.
- He designed and teaches a graduate-level course on applied multiple regression analysis in the Graduate School
  of Public Health.
- He teaches quantitative methodology, SPSS programming, and developmental psychopathology to medical students, residents, and fellows in the Department of Pediatrics (Adolescent and Young Adult Medicine Clinic at Children's Hospital).
- He contributes to two research and teaching seminars for the Center for Research on Health and Sexual
  Orientation and the LGBTQ Health Disparities Certificate Program in the Graduate School of Public Health.

Montano and Radovic provide research mentorship to undergraduate, medical, and public health students, including oversight of scholarly projects.

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