

THE 2019 HELEN I. MOOREHEAD-LAURENCIN, MD
SEX & GENDER
Research Forum



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Highlighting Drexel's Interdisciplinary
Sex and Gender Research in a Local,
National, and Global Context

MARCH 13, 2019

Drexel University Main Campus
Creese Student Center, Behrakis Grand Hall



Welcome to the 2019 Helen I. Moorehead-Laurencin, MD Sex and Gender Research Forum

We are delighted to welcome you to the 2019 Helen I. Moorehead-Laurencin, MD, Sex and Gender Research Forum (SGRF) at Drexel University. Our program showcases the wide array of sex and gender research being conducted by numerous members of the Drexel community. The program title, "Highlighting Drexel's Interdisciplinary Sex and Gender Research in a Local, National and Global Context," reflects the broad focus of the work you will hear about today in the featured talks, flash presentations, expert panel discussion, and poster presentations. Two prominent guest speakers who are leaders in their respective fields join us with keynote presentations.

We express our sincere gratitude to the co-sponsors who helped make today's event possible, as well as to the members of the SGRF Steering Committee who contributed their time to help shape this program. We are grateful also to Program Manager Janine Barber, and to graduate students Ari Albanese and Gaby Russo, for their hard work, attention to detail and resolute commitment to the SGRF event.

Thank you for joining us!



A handwritten signature in black ink that reads "Pamela A. Geller".

Pamela A. Geller, PhD
Chair, SGRF Steering Committee
Associate Professor of Psychology and
Director of Clinical Training (interim)
College of Arts and Sciences



A handwritten signature in black ink that reads "Lynn Yeakel".

Lynn H. Yeakel, MSM
Director, Institute for Women's Health and Leadership
Betty A. Cohen Chair in Women's Health
Drexel University College of Medicine

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Janine Barber, MS
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Gabrielle Russo
*Master's Degree Student, Psychology
College of Arts and Sciences*

Schedule of Events

- 8:30am** **Registration & Continental Breakfast**
- 9:00am** **Welcoming Remarks**
Lynn H. Yeakel, MSM
Cato T. Laurencin, MD, PhD, son of Helen I. Moorehead-Laurencin, MD
Pamela A. Geller, PhD
- 9:30am** **Keynote Presentation**
Are Pregnant Women Persons? How Anti-abortion and Drug War Policies Undermine the Civil and Human Rights of Pregnant Women.
- Lynn Paltrow, JD
Founder and Executive Director, National Advocates for Pregnant Women
- Introduced by Daniel M. Filler, JD
Dean, Thomas R. Kline School of Law
- 10:30 am** **Keynote Commentary**
The Hon. Carolyn Engel Temin, JD
First Assistant District Attorney, City of Philadelphia
- 11:00am** **Research Talk Session**
- 12:00pm** **Lunchtime Keynote Presentation**
Methadone Maintenance Treatment of Opioid Addicted Patients
Reflections from the Front Lines: A Physician's Account of Treating Addiction across Five Decades
- Melissa Freeman, MD
Medical Director, Methadone Clinic
Mount Sinai-Beth Israel
- Introduced by Pamela A. Geller, PhD
Associate Professor, OB/GYN and Public Health
Department of Psychology
- 1:15pm** **Panel Discussion**
Expert Panel Discussion on Philadelphia's Opioid Crisis
- Moderator: Barbara Schindler, MD
- Panel:
Angela Colistra, PhD, Counseling and Family Therapy
Wei Du, MD, College of Medicine
Jeffrey Stockbridge, Alumnus of the Westphal College of Media Arts and Design

2:00pm Flash Talk Session

2:45pm The Doris Willig, MD Lecture

Bullying and Bias - Victimization in Teens Across the Gender Spectrum

Brian Daly, PhD

Associate Professor and Department Head (Interim)

Department of Psychology

Introduced by Dr. Andrew Balder, MD; Son of Doris Willig, MD

3:15pm Presentation of the Martha Montgomery Awards for Sex and Gender Research and Student Poster Awards

Owen C. Montgomery, MD, son of Martha Montgomery, PhD

Pamela A. Geller, PhD

Closing Remarks

Lynn H. Yeakel, MSM

3:40pm Poster Session and Reception

Presentation Details

11:00am *Research Talk Session*

Moderated by:

Kenny J. Simansky, PhD, Drexel University College of Medicine

STEM Doctoral Students' Career Trajectories: How We Can Help to Reduce Gender Gaps

Presenter:

Leona Donaldson, MEd, Drexel University School of Education

Do the Top 20 Television Shows Contribute to Rape Myth? Scenes of Violence Against Women in Contemporary Visual Narrative

Presenter:

Rachel Reynolds, PhD, College of Arts and Sciences

Structural Stigma Related to Sexual Orientation: A Potential Underlying Factor for HIV Criminalization Enforcement in the United States

Presenter:

Nguyen K. Tran, Dornsife School of Public Health, Department of Epidemiology and Biostatistics

Co-authors:

Mark L. Hatzenbuehler, Mailman School of Public Health, Departments of Sociomedical Sciences and Sociology

Neal D. Goldstein, Dornsife School of Public Health, Department of Epidemiology and Biostatistics

Female GI Leaders: Mentorship, Promotion and Gender Disparities in the Workplace

Presenter:

Jennifer Schwartz, DO, College of Medicine, Department of Medicine

Co-authors:

Nihaal Karnik, MD, College of Medicine, Department of Medicine

Asyia Ahmad, MD, College of Medicine, Division of Gastroenterology

Alexa or Alex? The Effect of Robot's Gender on Human-Robot Interaction

Presenter:

Wenting Zhong, LeBow College of Business, Department of Marketing

Co-authors:

Hongjun Ye, LeBow College of Business, Department of Marketing

Haeyoung Jeong, LeBow College of Business, Department of Marketing

Rajneesh Suri, PhD, LeBow College of Business, Department of Marketing

Ethical Conundrums of Studying Racial and Ethnic Health Disparities: An Urgent Need to Translate Research into Action

Presenter:

Joan Bloch, PhD, College of Nursing and Health Sciences

1:15pm Panel Discussion – Expert Panel Discussion on Philadelphia's Opioid Crisis

Moderated by:

Barbara Schindler, MD, College of Medicine

Panelists:

Angela Colistra, PhD, Counseling and Family Therapy

Wei Du, MD, College of Medicine, Department of Psychiatry

Jeffrey Stockbridge, Alumnus of the Westphal College of Media Arts and Design

2:00pm Flash Talk Session

Moderated by:

Joan Bloch, PhD, College of Nursing and Health Professions

Gender and Inequality in Indigenous Groups in Guatemala Versus in the Contemporary Guatemalan Society

Presenter:

Chloe Richardson, College of Arts and Sciences

Identifying Genetic Variants to Improve Detection of Diminished Ovarian Reserve in Women

Presenter:

Estefania J. Alba-Rodriguez, MS, College of Medicine, Department of Biochemistry & Molecular Biology, Department of Obstetrics & Gynecology

Co-authors:

Deanna Brasile, DO, Department of Obstetrics & Gynecology, Main Line Fertility

Will Dampier, PhD, Department of Microbiology & Immunology

Joshua Mell, PhD, Department of Microbiology & Immunology

Karen M. Berkowitz, MD, Department of Biochemistry & Molecular Biology, Department of Obstetrics & Gynecology

Dysphoria, Sex, and Gender Identity: Exploring Recent Changes of Diagnostic Criteria From a Cognitive Science Perspective

Presenter:

Nina Rothstein, MS, College of Arts and Sciences

Executive Gender Pay Gaps in Nonprofit Organizations

Presenter:

Amanda Marino, LeBow College of Business

Co-authors:

Curtis M. Hall, PhD, LeBow College of Business

Andrew Finley, PhD, Robert Day School of Economics & Finance, Claremont McKenna College

On Surmounting the Barriers to HPV Vaccination: We can do better

Presenter:

Aria Attia, College of Medicine, Department of Internal Medicine

Co-authors:

Ana Núñez, MD, College of Medicine, Department of Internal Medicine

Judith Wolf, MD, College of Medicine, Department of Infectious Diseases and HIV Medicine

The Female Athlete and the Dynamic Relationship between Drive for Leanness, Drive for Muscularity, Drive for Thinness, and Disordered Eating.

Presenter:

Jessica Knapp, DO, Department of Family, Community, and Preventive Medicine - Division of Sports Medicine

Co-authors:

Amy Anyoha, Alexandra Bennett, Carmen Wong, MD, Katherine Dec, MD, Blake Corcoran, MD, Giselle Aerni, MD, and Thomas Trojjan, MD

Disability Support Networks: Differences in Social Capital for Young Adults with ASD Post-Transition

Presenter:

Elizabeth McGhee Hassrick, PhD, AJ Drexel Autism Institute

Evaluation of Patient Satisfaction and Quality of Life in Patients Undergoing Gender Confirmation Surgery

Presenter:

Neha Rana, MD, Drexel College of Medicine

Co-authors:

Dany Hanna, DO, College of Medicine, Urologic Surgery Residency Program

Aymon Ibrahim, MS2, Philadelphia College of Osteopathic Medicine

Kathy Rumer, DO, Department of Surgery

Gender Affirming Transgender Healthcare by Cisgender Providers

Presenter:

Christian Jordal, PhD, College of Nursing and Health Professionals

Poster Session

In Their Own Words: Development of Patient-Derived Measure of Maternal Postpartum Self-Efficacy

Ariana Albanese, College of Arts and Sciences, Department of Psychology

Jennifer Barkin, MS, PhD, Mercer University School of Medicine

Pamela A. Geller, PhD, College of Arts and Sciences, Department of Psychology

On Surmounting the Barriers to HPV Vaccination: We can do better

Aria Attia, College of Medicine; Department of Internal Medicine

Ana Núñez, MD; College of Medicine; Department of Internal Medicine

Judith Wolf, MD; College of Medicine; Department of Infectious Diseases and HIV Medicine

Sex Differences in the Effects of Chronic Ethanol Exposure on Cue-Induced Reinstatement and Astrocytic Reactivity in the Nucleus Accumbens

Laura Giacometti, PhD, College of Medicine, Department of Pharmacology and Physiology

Jacqueline Barker, PhD, College of Medicine, Department of Pharmacology and Physiology

An Analysis of Universities, Curriculum, and Gender

Quan Gibson, AS, SB, UCLA College of Letters and Science

In Child Sickness and in Health: Factors That Influence Couple Functioning Among NICU Parents

Victoria A. Grunberg, MS, College of Arts and Sciences, Department of Psychology

Pamela A. Geller, PhD, College of Arts and Sciences, Department of Psychology, College of Medicine, Department of OB/GYN

Chavis A. Patterson, PhD, The Children's Hospital of Philadelphia, Division of Neonatology, Perelman School of Medicine, Department of Psychiatry

Causal Attributions of Pregnancy Loss Amongst Women Who Experienced Fertility Treatment

Alison Hartman, BA, College of Arts and Sciences, Department of Psychology

Victoria Grunberg, MS, College of Arts and Sciences, Department of Psychology

Pamela Geller, PhD, College of Arts and Sciences, Department of Psychology

The Rise of Maternal Mortality and Infant Mortality Among Black Americans

Chloe Johnson-Hyde, BS, College of Medicine

Sex-Dependent Effects of Traumatic Brain Injury in the Neonate Rat on Stress Coping Behavior During Adolescence

Dana Lengel, College of Medicine, Department of Neurobiology & Anatomy
Jimmy Huh, MD, Children's Hospital of Philadelphia, Department of Anesthesiology and Critical Care Medicine
Ramesh Raghupathi, PhD, College of Medicine, Department of Neurobiology & Anatomy

A Survey of Intensive Perinatal Mental Health Programs in the United States

Bobbie Posmontier, PhD, CNM, PMHNP-BC, FAAN, College of Nursing and Health Professionals
Pamela A. Geller, PhD, College of Arts and Sciences
June Andrews Horowitz, PhD, RN, PMHCNS-BC, FAAN, College of Nursing and Health Professionals
Lisa Chiarello, PT, PhD, FAPTA, College of Nursing and Health Professionals

The Relationship Between Social Support and Parent-Infant Bonding

Gabrielle Russo, BS, College of Arts and Sciences, Department of Psychology
Pamela A. Geller, PhD, College of Arts and Sciences, Department of Psychology

Minority Women's Experience of Perinatal Loss

Bettina Tranquille, College of Medicine Graduate School, Interdisciplinary Health Sciences Program
Pamela A. Geller, PhD, College of Arts and Sciences, Department of Psychology
Chavis A. Patterson, PhD, The Children's Hospital of Philadelphia, Division of Neonatology, Perelman School of Medicine, Department of Psychiatry

Bridging the Gap Between Females of Color in Grades 3-8 and STEM

Van Truong, MEd, School of Education

Sex Difference in Ethanol Reward Seeking Under Conflict in Mice

Qiaowei Xie, BS, College of Medicine, Department of Pharmacology & Physiology
Lauren A. Buck, MS, College of Medicine, Department of Pharmacology & Physiology
Kathleen G. Bryant, BS, College of Medicine, Department of Pharmacology & Physiology
Jacqueline M. Barker, PhD, College of Medicine, Department of Pharmacology & Physiology

Keynote Speaker Biography



Lynn M. Paltrow, JD
Executive Director of the National Advocates for Pregnant Women

Lynn Paltrow, JD, founded National Advocates for Pregnant Women in 2001. Ms. Paltrow is a graduate of Cornell University and New York University School of Law. She has worked on numerous cases challenging restrictions on the right to choose abortion as well as cases opposing the prosecution and punishment of pregnant women seeking to continue their pregnancies to term.

Ms. Paltrow has served as a senior staff attorney at the ACLU's Reproductive Freedom Project, as Director of Special Litigation at the Center for Reproductive Law and Policy, and as Vice President for Public Affairs for Planned Parenthood of New York City.

Ms. Paltrow is the recipient of the Justice Gerald Le Dain Award for Achievement in the Field of Law and the National Women's Health Network's Barbara Seaman Award for Activism in Women's Health.

She is a frequent guest lecturer and writer for popular press, law reviews, and peer-reviewed journals.

Keynote Speaker Biography



Melissa M. Freeman, MD

Melissa M. Freeman, MD, is a native New Yorker. She is also the granddaughter of a slave. Albert B. Walker was born in Virginia, separated from his mother at the age of 7, and reunited at the age of 11 following the emancipation of slaves in America. He migrated to New York City in 1893, with his mother, his wife, Susan, and six children. Through his hard work and determination, he purchased two homes, one of which Dr. Melissa Freeman grew up in. Although Albert B. Walker was a quiet man, he was a great influence in the family's life. He exhibited determination, hard work, love, loyalty and dedication to family, values that stayed with the family to this day.

At an early age, Dr. Freeman began the study of piano. In later years, she served as organist for her church. Dr.

Freeman also developed an interest in classical music, which has continued throughout her life. In her teen years, Dr. Freeman took and passed the test for the prestigious Music and Art High School. While attending high school Dr. Freeman excelled on the bass violin.

Following her graduation from high school, Dr. Freeman continued her education at Hunter College where she made the decision to study medicine. She received a B.A. degree from Hunter College, and continued her studies at Howard University College of Medicine. After graduating from Howard University Dr. Freeman did her internship at Kings County Hospital, and ultimately completed a residency in Internal Medicine at Meadowbrook Hospital and the Manhattan Veterans Administration Hospital.

In 1964 Dr. Freeman joined the staff of Mount Sinai-Beth Israel Clinic, in New York, where she was involved in the treatment of narcotic-addicted individuals. She was a pioneer in the treatment of opioid-addicted women. Dr. Freeman continues to work part time at Mount Sinai-Beth Israel as medical director of the Methadone Clinic, treating hundreds of patients for opioid addiction. In addition, for over 30 years, Dr. Freeman has served the Harlem community in New York City, with a successful private practice in internal medicine. She was, and continues to be, concerned about the disparities in treatment that exists among people of color.

Dr. Freeman has received much deserved recognition for her work in medicine over the years. In 2005 she was inducted into the Hunter College Hall of Fame. In early 2017, Dr. Freeman was honored, by one of the founders at Mount Sinai-Beth Israel, for her modality of treatment of opioid-addicted individuals. She was also honored for 53 years of uninterrupted service at Mount Sinai-Beth Israel Hospital. Over the years she has received many awards and honors for her diligence and dedication in the medical care of community residents. Dr. Freeman continues her work in the medical field because of her genuine love and concern for people.

Speaker Biography

The Honorable Carolyn Engel Temin First Assistant District Attorney, City of Philadelphia



Judge Temin graduated from the University of Pennsylvania Law School in 1958 and subsequently began her career as the first woman to be hired as a staff attorney by the Defender Association of Philadelphia. She later served as chief counsel to the Pennsylvania Parole Board and as an assistant district attorney in Philadelphia. She has been actively involved with the issues women face in the criminal justice system. Judge Temin successfully had the discriminatory sentencing laws portion of the Pennsylvania Muncy Act declared unconstitutional in 1968.

In 1983 she was elected as a judge of the Court of Common Pleas of the 1st Judicial District of Pennsylvania, where she served with distinction for 29 years.

In 2004, Judge Temin was appointed by the High Representative of Bosnia and Herzegovina to sit as an international judge on the State Court of Bosnia and Herzegovina. In November 2006, Judge Temin began to work as an international expert consultant in the area of judicial education with an emphasis on case management. She has conducted training projects in Bosnia and Herzegovina, Serbia, Honduras, the Republic of Georgia, Tunisia, and Barbados, and for the judges of Thailand.

She is the principal author of the Pennsylvania Benchbook for Criminal Proceedings and has also written Benchbooks in both criminal and civil law for Bosnia and Herzegovina, a Benchbook on the Trial of Narcotics and Transnational Cases for Honduras, and is presently working on a domestic violence benchbook for Barbados.

She was the first woman to be elected president of the Pennsylvania Conference of State Trial Judges and later served as chair of the National Conference of State Trial Judges. She was president of the National Association of Women Judges from 2003-2004 and presently serves on the Board of Managerial Trustees of the International Association of Women Judges.

She has received numerous awards including the Anne X. Alpern award from the Pennsylvania Bar Association Commission on Women, the Lifeguard on Duty Award from Blacks Networking for Progress, Inc. and the Cesare Beccaria Award from the Criminal Justice Section of the Pennsylvania Bar and the Justinian Society.

Judge Temin retired from the bench upon reaching the mandatory retirement age for a senior judge in December 2012. She was recently appointed first assistant DA by District Attorney Lawrence Krasner.

Panelist Biographies

Moderator: Barbara Schindler, MD

Medical Director, Caring Together Program; Professor of Psychiatry and Pediatrics, Vice Dean, Emerita, Educational and Academic Affairs, Drexel University College of Medicine



Dr. Schindler is a founder and the medical director of the Caring Together Program, a comprehensive treatment program for women with addictive and psychiatric disorders and their children. She is board certified in psychiatry with expertise in medical education, psychosomatic medicine, addiction treatment and education for physicians. She has been named a “Top Doctor” by Philadelphia magazine in for the past several years, including 2018. She is the PI on a recent SAMHSA three-year grant, “Creating a Center of Excellence for Urban Integrated OUD Healthcare: Expanding Prevention, Identification and Treatment for OUD in Philadelphia.”

Panelists:

Angela Colistra, PhD, MS, BS, LPC, CAADC, CCS

Assistant Clinical Professor, Counseling and Family Therapy Department, Drexel University



Dr. Colistra has experience working with individuals managing behavioral health and substance use disorders with expertise in opioid use disorders. She has spent the last decade training the addiction workforce nationally and internationally. She serves as faculty with Project ECHO and the American Society of Addiction Medicine on their Fundamentals of Addiction Medicine series. Dr. Colistra recognizes the importance of interdisciplinary work and leveraging the use of technology in order to improve healthcare outcomes. Starting in May 2019 she will be faculty and director of behavioral sciences in the Department of Family Medicine with the Lehigh Valley Health Network.

Wei Du, MD

Clinical Professor and Chair of the Department of Psychiatry; Professor of Pharmacology and Physiology; Drexel University College of Medicine
Vice Chair, Drexel University Physicians



Dr. Du is a diplomate of American Board of Psychiatry and Neurology, American Board of Addiction Medicine, and American Board of Preventative Medicine. His clinical interests are in the areas of pharmacological management of schizophrenia, bipolar, and addictive disorders. He directed one of the largest dual diagnosis (substance abuse and mental health) inpatient treatment programs in the greater Philadelphia area. Dr. Du is a member of the American Society of Addiction Medicine. In addition to his academic career, Dr. Du played a significant role in developing a novel analgesic in a pharmaceutical company.

Jeffrey Stockbridge

Photographer and Fine Arts Printer (Drexel University Alumnus, 2005, BS in Photography)



Jeffrey Stockbridge has earned a Pennsylvania Council on the Arts grant, an Independence Foundation Fellowship grant and a Center For Emerging Visual Artists fellowship. In 2009, Stockbridge opened a premier fine-art printing studio, Stockbridge Fine Art Print, in Philadelphia. His clients include acclaimed photographers and museums across the U.S. such as Ruth Thorne-Thomsen and The Barnes Foundation. Stockbridge is the creator of “Kensington Blues,” a critically acclaimed documentary project about a former working-class neighborhood now known for drugs and prostitution. The project features in-depth interviews with sex workers and heroin addicts years before the opioid crisis took hold across America. Kensington Blues was published as a book in 2017 and featured in exhibitions at Savery Gallery, The National Portrait Gallery London and The Philadelphia Museum of Art.

Doris Willig, MD Lecture

Speaker Bio



Brian P. Daly, PhD

Interim Department Head
Associate Professor
Department of Psychology
College of Arts and Sciences
Drexel University

Brian P. Daly, PhD, is a clinical child and adolescent psychologist specializing in the development and evaluation of evidence-based psychosocial evaluations for youth, delivery of mental health promotion in schools, assessment and treatment of children with a chronic illness, and evaluation of adolescent health risk behaviors. He received an undergraduate degree in psychology from Boston College in Chestnut Hill, Massachusetts. Following the completion of his doctorate in counseling psychology from Loyola University in Chicago, he completed a clinical internship in child psychology at the VA Maryland Health Care System/University of Maryland School of Medicine Psychology Internship Consortium. Subsequently, he completed a postdoctoral fellowship in pediatric psychology at Temple University Health Sciences Center. Following the fellowship, Daly was an assistant professor in the Department of Public Health at Temple University as well as the director of training for the APA-approved predoctoral clinical psychology internship program.

Daly is an associate professor in the Department of Psychology at Drexel University. He teaches undergraduate and graduate psychology courses including Pediatric Psychology, Developmental Psychology, and Child Psychopathology. Daly's research has been funded by federal, foundational and corporate agencies.

His research interests include evidence-based psychosocial interventions for youth, prevention and resiliency in urban youth, school mental health promotion, pediatric psychology and neuropsychology, clinical and health psychology, assessment and treatment of children with chronic illness, and evaluation of adolescent risk behaviors. One of his current research projects involves the delivery and evaluation of an evidence-based prevention program for kindergarten, first- and second-grade children in a school-based setting. The goals of this study are to promote positive teacher behavior management techniques and improve social competence for at-risk young children attending inner-city elementary schools.

Remembering Helen I. Moorehead-Laurencin, MD



Helen I. Moorehead-Laurencin, MD, was a unique and powerful person, and a woman ahead of her time. Born in Philadelphia to parents who had migrated from the South seeking a better life for themselves and their children, Dr. Laurencin demonstrated her academic prowess, graduating at age 15 from the Philadelphia High School for Girls, an early forerunner of the magnet high schools for gifted students. She finished her training as a teacher at Cheyney College, graduating at the young age of 19. Seeking experiences outside her comfort zone, she taught in a one-room school in Cotton Valley, Alabama, where she was also a coach and mentor. Experiencing the racial segregation of the South first-hand, she would later speak of the daily travails of her life, including giving up her seat to a person just because he or she was white. But the experiences only made her stronger.

After teaching in Alabama and then later back in Philadelphia, Dr. Laurencin realized that although teaching had been her mother's calling, it was not hers. She enrolled at the University of Pennsylvania to complete her premedical requirements, and then matriculated at Meharry Medical School, one of the two Black medical schools in the country. There she also excelled academically but was met with both support and sexism. The support came from many of her fellow students, who recognized her as a generous and thoughtful class member. As one of the first women to enter Meharry, others would mutter loudly in her direction, "Moorehead, you're taking a good man's place." Dr. Laurencin said that these words often came when the work was the hardest, and their comments only served to strengthen her resolve.

After finishing her residency at Nazareth Hospital in Philadelphia, she began her private practice in North Philadelphia, an urban environment fraught with racism and poverty. Soon after, she married and had three children. With her office on the first floor and the living quarters on the second and third floor, she was never far from the two loves of her life – her family and medicine. As a mother, she worked hard to expose her children to a wide range of activities and experiences. Academic excellence was a given. Music lessons, library visits, gymnastics and tennis lessons, as well as cultural excursions filled the time outside school. From museums to equestrian events to political marches to camping and fishing, Dr. Laurencin sought to root her children in knowledge of the world in all its complexity.

Likewise, she kept pace with the increasingly complex world of medical care. Always fond of medical instruments, she was one of the first to offer her patients in-office EKGs and office-based audiograms. Many mornings she would get up early so that she could read through an ever-expanding stack of medical journals before getting her children off to school. She incorporated the latest medical guidelines and research into her practice and often spent her afternoons out of the office at medical conferences. Her patients were treated with both the art and science of medicine, and they deeply appreciated it.

At the same time, she was a scientist. She had a small laboratory in the back of her office. Her sense of inquiry was a catalyst for discoveries, and she exposed her children to that science, motivating them all to pursue medicine and science. Her work in public service was manifold. In addition to operating a full-time clinical practice, she took care of special needs and disabled children for the School District of Philadelphia. Her keen clinical sense and remarkable compassion were especially seen in that setting. In addition, she served on the Mayor's Commission in the 80s, crafting public health policy in Philadelphia for years to come.

Although she died more than 20 years ago, Helen I. Moorehead-Laurencin, MD, influenced a generation of physicians, patients and community members through her untiring love of people and her desire to heal the mind and soul as well as the body – a desire she transmitted to her children, all of whom have become physicians and are guided by her life and wisdom. Her memory challenges each of us to be intellectually rigorous and unfailingly compassionate, with a deep sense of who we are and where we must go.

Remembering Doris Willig, MD



Doris Willig was born in Philadelphia and raised in the Wynnfield section of the city. She was the oldest of three children (only daughter) born to a Philadelphia attorney and his wife. Between the ages of 10 and 15, Doris won awards for her piano playing, was involved in presenting play readings, and danced at a concert given at the Metropolitan Opera House of Philadelphia on Broad and Popular Streets.

In 1929, at the age of 16, Doris Willig graduated from Philadelphia High School for Girls and then attended the University of Pennsylvania where she majored in zoology. Doris graduated *cum laude* at age 23 from the Woman's Medical College in June 1936. At that time, she was the youngest student ever to graduate from the oldest medical college for women in the United States. Dr. Willig interned at Albert Einstein Medical Center, and in 1938 she began a practice of general medicine, obstetrics and gynecology in Wynnfield. Sometimes she treated three generations within a family, and she even delivered her own future daughter-in-law! Ten years later, Dr. Willig decided to transition from general medicine into adult psychiatry. She completed a residency at the Philadelphia Psychiatric Center, and then did a fellowship in child psychiatry at the Institute of Pennsylvania Hospital-Child Study Center.

Between 1952 and 1971, Dr. Willig led a busy Center City psychiatric practice; she was on the staff of the Philadelphia Psychiatric Center and Graduate Hospital and was a psychiatric consultant for The Association for Jewish Children (Jewish Family and Children's Services). For ten years she was on the faculty at Jefferson Medical College, prior to moving to Miami in 1972 where she became a staff psychiatrist at the Veteran's Administration Hospital. Dr. Willig was clinical professor of psychiatry at the University of Miami Medical School. Other accomplishments during this period include becoming vice president of the South Florida Psychiatric Society and being elected the federal "physician of the year" for her outstanding service. In 1983, she returned to Philadelphia and worked briefly for the J.F.K. Community Mental Health and as a psychiatric consultant to HealthPass.

While fulfilling her many professional commitments, Dr. Willig found time to give lunchtime concerts with her chamber music group, "The Leisure Time Quartet." Upon retirement, she devoted much of her time to the arts and social activist causes.

Dr. Willig was a pioneer of the women's movement, demonstrating through quiet accomplishment that there is no area of activity in which a woman couldn't compete on an equal basis with men.

Remembering Martha Montgomery, PhD



Martha Montgomery, PhD, attended the Speyer School for gifted children in New York City and was a subject of the Hollingworth Study of high-IQ children. At age 19, she received her BA in history from Bryn Mawr College. In the same year, she was married to Dr. DeWitt Hall Montgomery Jr., and for the next decade she devoted herself to raising their four children. She resumed her education at the University of Pennsylvania, where she earned two degrees in philosophy, an MA in 1970 and a doctorate in 1972. After teaching at Haverford College and the Philadelphia College of Art, she joined the faculty at Drexel University in 1972. At Drexel, Dr. Montgomery taught a variety of humanities and philosophy courses and developed a specialty in applied and professional ethics designed to enrich the education of Drexel's many engineering students. From 1976 to 1985, she served as chairman of Drexel's Humanities and Communications Department, overseeing its expansion from 16 to 39 full-time faculty members. Dr. Montgomery's work in the field of professional and engineering ethics earned her several awards, including the Dasher Prize for best conference presentation from the American Council on Engineering Education in 1981. In 1985, Dr. Montgomery was appointed assistant vice president for research development and two years later she became the assistant vice president for program evaluation.

Dr. Montgomery stood for excellence in academic work, intellectual curiosity and integrity, professionalism, and commitment to values of diversity and empowerment of women. "Dr. Martha Montgomery was an extraordinary member of the Drexel University community and a true mentor on campus, especially to women," said Richard D. Breslin, who was president of the university.

The Martha Montgomery Awards for Sex and Gender Research, new in 2018, are given in celebration of Martha Montgomery – an administrator, scholar, colleague, and an important mentor and supporter of all women on the Drexel campus. In naming these awards after Martha Montgomery, we remember her with great pride and admiration.

Speaker



Cato T. Laurencin, MD, PhD
Son of Helen I. Moorehead-Laurencin, MD

Cato T. Laurencin, MD, PhD, is the eighth designated University Professor in the history of the University of Connecticut. He is the Albert and Wilda Van Dusen Distinguished Endowed Professor of orthopaedic surgery and professor of chemical engineering, professor of materials science, and professor of biomedical engineering. He is the chief executive officer of the Connecticut Institute for Clinical and Translational Science, UCONN's cross-university translational institute.

Dr. Laurencin received his BSE in chemical engineering from Princeton University, his MD, magna cum laude, from the Harvard Medical School, and his PhD in biochemical engineering/biotechnology from the Massachusetts Institute of Technology.

Dr. Laurencin is a shoulder and knee surgeon and has been named to America's Top Doctors and America's Top Surgeons. He is a fellow of the American Surgical Association, the American College of Surgeons and the American Academy of Orthopaedic Surgeons. Dr. Laurencin is an expert in biomaterials, stem cell technology and nanotechnology and received the NIH Director's Pioneer Award, NIH's highest and most prestigious research award, for his new field of regenerative engineering.

Dr. Laurencin has two awards named in his honor. The W. Montague Cobb/NMA Institute and the National Medical Association established the Cato T. Laurencin Lifetime Research Achievement Award given at the opening ceremonies of the National Medical Association's Annual Meeting each year, while the Society for Biomaterials established The Cato T. Laurencin, MD, PhD Travel Fellowship Award given to underrepresented minority students pursuing biomaterials research.

Dr. Laurencin is an elected member of the National Academy of Medicine and an elected member of the National Academy of Engineering. He is an elected fellow of the Indian National Academy of Engineering, the Indian National Academy of Sciences, the African Academy of Sciences, and is an academican of the Chinese Academy of Engineering.

Dr. Laurencin has been honored by the White House on three occasions. He received the Presidential Faculty Fellow Award from President Bill Clinton, and the Presidential Award for Excellence in Science, Math and Engineering Mentoring from President Barack Obama. He is the recipient of the National Medal of Technology and Innovation, our nation's highest award for technological achievement, awarded in ceremonies at the White House.

Speaker



Andrew Balder, MD
Son of Doris Willig, MD

Dr. Balder is an internist working in community health with a strong interest in homelessness, community development and services to the poor. Board certified in internal medicine and pediatrics, he is the current medical director at Baystate Mason Square Neighborhood Health Center and chief medical officer, City of Springfield (Massachusetts) Health Services for the Homeless. He is the chair of Project Baby Springfield. Dr. Balder is a member of the board of directors at Holyoke Chicopee Springfield (Massachusetts) Head Start and a recipient of Community Health Awards including from MotherWoman. He is former medical director for the Mason Square Neighborhood Health Center and senior medical director for the Boston Medical Center HealthNet Plan in Springfield. In addition to his many other accomplishments, Dr. Andrew Balder is a fortunate husband and father.

Speaker



Owen C. Montgomery, MD
Son of Martha Montgomery

Owen C. Montgomery, MD, is professor and chair of the Department of Obstetrics & Gynecology at Drexel University College of Medicine. He is an author and researcher in interprofessional education, a leader in global health and simulation education, and a specialist in female pelvic reconstructive surgery. Dr. Montgomery has explored a range of concerns throughout his career, including gender education; the provision of care to underserved women, both nationally and internationally; electronic medical records; and the prevention of sexual assault.

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