Aimee James, PhD, MPH, associate professor of surgery in the Division of Public Health Sciences at Washington University School of Medicine, has been appointed as the new Prevention and Control Research Program co-leader for Siteman Cancer Center. In her new role as program co-leader, Dr. James will join current program co-leader, Laura Bierut, MD, Alumni Endowed professor of psychiatry, in providing scientific leadership that facilitates and supports transdisciplinary and translational prevention and control science.

While active in several research areas, Dr. James’ primary focus is on health disparities and the prevention and early detection of colorectal cancer. As her research is community-based and community-engaged, she has developed strong collaborations with federally qualified health centers and primary care practices across Missouri and Illinois.

Congratulations to our 2018 Graduates!

The following MPHS students will receive diplomas this spring:

**William Chapman, Jr., MD** - Surgery Resident  
**John Chi, MD** - Assistant Professor of Otolaryngology  
**Kshitij Desai** - Medical Student  
**Anjlie Gupta** - Medical Student  
**Jessica Hao** - Medical Student  
**Jessica Holttum** - Medical Student  
**Seth Howdeshell** - Medical Student  
**Jodi Lapidus** - Medical Student  
**Adam Lewkowitz, MD** - Obstetrics and Gynecology Fellow  
**Deepak Lingam** - Medical Student  
**Roheena Pannio, MD** - Surgery Resident  
**Abby Rosenberg** - Medical Student  
**Mikhail Roubakha** - Medical Student  
**Amar Shah** - Medical Student  
**Ana Salazar Zetina, MD** - Visiting Physician  
**Sirish Veligati** - Medical Student  
**Cynthia Wang** - Medical Student

“Population research is the cornerstone of evidence-based medicine. We’re training clinician-researchers who will change the lives of their patient populations.”

- Graham Colditz, MD, DrPH  
MPHS Program Director
Focus on Faculty ............................................ Erika Waters, PhD, MPH

Teaches Ethics in Population and Clinical Health Research, and Comparative Effectiveness Research (CER)

Ethics offered spring semester, Mondays 12:30 - 1:30 p.m.
CER offered spring semester, Fridays 1:00 - 3:00 p.m.

Erika Waters, PhD, MPH, is an associate professor of surgery at Washington University School of Medicine in St. Louis. She joined the MPHS program faculty in 2017, and teaches two courses: the required MPHS course, Ethics in Population and Clinical Health Research; and an elective course, Comparative Effectiveness Research. Additionally, Dr. Waters is a faculty scholar at the Institute for Public Health at Washington University and a member of the Institute of Clinical and Translational Sciences.

Dr. Waters research seeks to understand how people think about health risks and how those thoughts influence their health-related decisions and behavior. Dr. Waters explores the rich variety of cognitive, emotional, and social factors that make it difficult for people to use health risk information effectively. Understanding these inter-relationships will enable the development of health communication and behavior interventions that aim to reduce disparities in cancer morbidity and mortality. Most of Dr. Waters’ research focuses on cancer prevention, but the principles derived from her work have broader applicability to other health conditions.

Dr. Waters is the primary investigator on an R01 grant that will translate epidemiological data about five major health consequences of insufficient physical activity into a visual display that conveys personalized risk estimates in a way that is understandable and meaningful to diverse lay audiences and motivates physical activity behavior. It also uses SMS/text messaging to implement an additional intervention that helps people set and achieve exercise goals. This intervention will result in a smartphone-based personalized risk assessment and goal-setting tool that can be implemented in diverse clinical and public health settings.

Save the Date: Guest Speaker March 19

11:00 a.m. - 12:00 p.m.
Doll& Hill Room, #2131, Taylor Avenue Building

“My Patient Journey and the Power of Shared Decision Making”

Kevin J. Fowler; Founder, The Voice of The Patient, Inc.
Ross Brownson, PhD, the Bernard Becker Professor at Washington University, and Enola Proctor, PhD, the Shanti K. Khinduka Distinguished Professor at Washington University, are now associate directors on a newly funded National Institutes of Health training center grant. The five-year award will help begin a national training center for heart, lung, blood and sleep implementation science. This work will lead to preventive and treatment interventions in clinical settings.

Graham Colditz, MD, DrPH, the Niess-Gain Professor of Surgery and chief of the Division of Public Health Sciences, is among one of seven faculty members at Washington University who have been selected as new fellows by the American Association for the Advancement of Science (AAAS), the world’s largest general scientific society. Dr. Colditz is being honored for distinguished contributions to cancer epidemiology and prevention, particularly through his translation of research to advance the popular understanding of strategies to reduce cancer risk. This is the highest honor awarded by AAAS in recognition of distinguished efforts to advance science and its applications.

Dr. Colditz also received the 2018 Distinguished Faculty Award from Washington University School of Medicine. He was nominated by his peers and received his award in a ceremony Feb. 28 at EPNEC. The award is part of the Distinguished Faculty Awards, and is given annually to WUSM faculty members.

Drs. Brownson, Colditz, and Proctor also released a new book in December 2017, Dissemination Implementation and Research in Health (Oxford University Press).

Bettina Drake, PhD, MPH, associate professor of surgery, was honored with the 2017 Baylor University Distinguished Black Alumni Award. Dr. Drake accepted her award at a celebration dinner on Nov. 17, 2017 in Waco, Texas. Dr. Drake attended Baylor University for her undergraduate studies.

Anne Glowinski, MD, professor of psychiatry, associate director of the William Greenleaf Eliot Division of Child & Adolescent Psychiatry, and director of the Child & Adolescent Psychiatry Fellowship, was presented with the national Humanism in Medicine Award by Washington University School of Medicine medical students in fall 2017. This award is also presented annually by the Association of the American Medical Colleges. The award recognizes medical school faculty physicians who exemplify the qualities of a caring and compassionate mentor in the teaching and advising of medical students.

Jennifer Yu, MD, MPH, general surgery resident, received an award from Washington University School of Medicine medical students naming her one of the “Residents of the Year” in fall 2017.
# A Guide to the MPHS Concentration Tracks

**MPHS students must take seven core courses, plus electives in a chosen concentration.**

33 credits are required for graduation.

<table>
<thead>
<tr>
<th>Course 1</th>
<th>Course 2</th>
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</thead>
<tbody>
<tr>
<td>Introduction to SAS</td>
<td>Introduction to Epidemiology</td>
</tr>
<tr>
<td>Ethical and Legal Issues in Clinical Research</td>
<td>Intermediate Epidemiology</td>
</tr>
<tr>
<td>Biostatistics I and II</td>
<td>Applied Epidemiology</td>
</tr>
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## Clinical Epidemiology

Focuses on rigorous clinical research study designs, the role of epidemiology in disease prevention, and clinical health outcomes including analysis of prevention and screening programs, evaluation of treatment and disease management programs, and the application of prediction rules.

**Required Electives**
- Randomized Controlled Trials
- Systematic Reviews and Meta-Analysis
- Plus nine additional electives

## Health Services

Provides advanced methods training to evaluate and identify the most appropriate and effective approaches to clinical care, including prevention, early detection, and disease management. Research interests include cost-effectiveness analysis, decision analysis, health services research and quality improvement.

**Required Electives**
- Comparative Effectiveness Research
- Patient Safety, Quality Management and Improvement
- Decision Analysis and Economic Analysis
- Plus six additional electives

## Psychiatric & Behavioral Health Sciences

Provides students with strong conceptual and methodological skills required for the design, advanced analysis, and interpretation of epidemiological, treatment-effectiveness studies and policy studies. Emphasizes a clinical and evidence-based approach to psychiatric and addiction health science research.

**Required Electives**
- Epidemiology of Psychiatric Behaviors Across the Lifespan
- Addiction & Addictive Behaviors
- Global Burden of Disease
- Plus six additional electives

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**Interested in the MPHS program?**

Applications for the 2018-2019 academic year are still being accepted on a rolling basis.

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www.mphs.wustl.edu

**Questions?**

Blanka Hodzic, program coordinator  
e-mail: bhodzic@wustl.edu  
phone: (314) 286-0881