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4-2016

## Research Digest - April 2016

Division of Public Health Sciences, Department of Surgery, Washington University School of  
Medicine in St. Louis

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From the Division of Public Health Sciences, Department of Surgery  
Graham A. Colditz, MD, DrPH, *Chief*

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## Inflammatory biomarker score and cancer: A population-based prospective cohort study



| **Chronic Disease Prevention Research** |  
Adetunji Toriola, MD, PhD; et al.  
Published in *BMC Cancer*  
[PubMed](#) | [Toriola Profile](#)

## "I don't know" my cancer risk: Implications for health behavior engagement



| **Health Disparities Research** |  
Erika Waters, PhD, MPH; et al.  
Published in *Annals of Behavioral Medicine*  
[PubMed](#) | [Waters Profile](#)

## Missing value imputation for physical activity data measured by accelerometer



| **Epidemiology and Biostatistics Research** |  
Jung Ae Lee, PhD; Jeff Gill, PhD  
Published in *Statistical Methods in Medical Research*  
[PubMed](#) | [Lee Profile](#) | [Gill Profile](#)

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## Division News Briefs

- The Division of Public Health Sciences congratulates [Aimee James](#), PhD, MPH, on receiving a **3 year, 1.14 million dollar grant from the National Institute on Minority Health and Health Disparities**. The grant, *Understanding and Addressing Cost Related Nonadherence to Medication: A Mixed Method Multi-Phase Study*, will build off of previous work that found low-income patients used several strategies to cope with high medical costs and low financial resources. Co-investigators include DPHS faculty [Su-Hsin Chang](#), PhD. [Learn more](#).
- The [2016 Patient Centered Outcomes Research Center Conference](#) will be held **April 5-6** at the Eric P. Newman Education Center at Washington University School of Medicine. Registration will be available onsite.
- Join us **Thursday, April 21, at 4:30 p.m.** for this month's **Epidemiology and Clinical Outcomes Research Seminar Series** in the Doll & Hill Teaching Room, 2131, in the Taylor Avenue Building. [Peter Ubel](#), MD, Professor of Business, Public Policy and Medicine at Duke University, will present *Discussing Healthcare Costs in the Doctor's Office*. See upcoming [seminar series](#) presentations.



### ABOUT US

This newsletter provides a select summary of research news from the Division of Public Health Sciences.

We are a team of researchers and clinicians dedicated to preventing disease, improving health outcomes, and promoting quality and access to health care.

The Division of Public Health Sciences is part of the [Department of Surgery](#).

### CONTACT US

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# Research Digest

April 2016

- [Aimee James](#), PhD, MPH, wrote a podcast on colon cancer screening and prevention that broadcast in March 2016. Dr. James was also [interviewed about her work with PECaD and health disparities in region](#). The Division of Public Health Sciences faculty members are helping to provide content for podcasts that will be translated into Arabic, Bosnian, Spanish, and Vietnamese. The podcasts, produced by MindsEye Radio, are broadcast in the St. Louis region and [available online](#).
- **Biostatistics and epidemiology consultation services are available** for your cancer research through the [Siteman Biostatistics Shared Resource](#) facility. This facility supports cancer research through grant applications, experimental designs, study monitoring, and data analysis. [Request services](#) today.
- The [Master of Population Health Sciences](#) program will be holding an **open luncheon for medical students** on April 20 from 12-1pm in FLTC 213. Please join MPHS faculty and alumni to learn about the MPHS program. RSVP to [Joyce Linn](#) by April 15.
- **Media Notes:** 1) [Aimee James](#), PhD, MPH, and [Rebecca Lobb](#), ScD, MPH, were featured in [The Institute for Public Health's blog](#) with an overview of their research in Southern Illinois. The P20 grant's research focuses on reducing rural cancer disparities. 2) [Adetunji Toriola](#), MD, PhD, was quoted in [The Truthout's article](#) discussing the nuclear waste and cancer incidence in Missouri's Coldwater Creek. 3) [Graham Colditz](#), MD, DrPH, was featured on the [Breast Cancer Research Foundation's website](#) discussing tips for parents on how to reduce their child's breast cancer risk. 4) [Graham Colditz](#), MD, DrPH, was quoted in an [article from Good to Know](#) about reducing breast cancer risk by eating peanut butter.

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