Research Digest - October 2014

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

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Recommended Citation
Division of Public Health Sciences, Department of Surgery, Washington University School of Medicine in St. Louis, "Research Digest - October 2014" (2014). Newsletters from the Division of Public Health Sciences. Paper 24 Division of Public Health Sciences, Washington University School of Medicine in St. Louis.
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Black women have a higher risk than white women for developing second breast tumors after DCIS

| Health Disparities Research |
Ying Liu, MD, PhD, et al.
Published in *Breast Cancer Research and Treatment*
PubMed | Liu Profile

Genetic variants in folate metabolism play limited role in rectal cancer patients treated with 5-FU

| Clinical Outcomes Research |
Adetunji Toriola, MD, PhD, et al.
Published in *Cancer*
PubMed | Toriola Profile

Patients with low health literacy make more trips to the ED and make more return visits within 14 days

| Health Literacy Research |
Melody Goodman, PhD, et al.
Published in *Academic Emergency Medicine*
PubMed | Goodman Profile

Division News Briefs

- Congratulations to Jean Hunleth, PhD, MPH, postdoctoral research associate, for winning the 2014 Steven Polgar Prize from the Society for Medical Anthropology. Dr. Hunleth's winning paper, "Children's Roles in Tuberculosis Treatment Regimes: Constructing Childhood and Kinship in Urban Zambia," was published last year in *Medical Anthropology Quarterly* and won based on its originality, theoretical importance, methodology, and clarity of writing.

- The division welcomes new faculty member Erin Linnenbringer, MS, PhD, instructor of surgery. Dr. Linnenbringer is a board-certified genetic counselor with a PhD in health behavior and health education and NIH-funded pre-doctoral training in social demography. Her research examines how the dynamic interplay between genes and social environment may relate to unequal health outcomes across U.S. populations. Her research is currently focused on how observed racial disparities in the odds of developing aggressive breast cancer may be related to exposure to racial segregation, discrimination, and dysregulation of the hypothalamic-pituitary-adrenal (HPA) axis. Dr. Linnenbringer is also interested in how the expansion of new genomic testing technologies and personalized medicine may impact members of medically underserved communities.

- Join us Thursday, Oct. 23, at 4:30 p.m. for the next Epidemiology and Clinical Outcomes
Research Seminar Series in the Doll & Hill Teaching Room 2131 in the Taylor Avenue Building. Note that this month's seminar moved from the second Thursday to the fourth Thursday. Shi-Yi Wang, MD, PhD, Yale School of Public Health, will present "Decision Modeling for Breast Cancer Interventions." No RSVP needed; learn more about the seminar series.