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COLLEGE OF ARTS AND SCIENCES

NEWS & UPDATES



Chemist Develops Inexpensive Paper Strip Tests for Malaria and Cancer

A team of chemists, led by **Abraham Badu-Tawiah**, assistant professor, chemistry and biochemistry, **have invented an inexpensive, paper-based test for diseases including cancer and malaria.** Badu-Tawiah conceived the papers as a way to put cheap malaria diagnoses into the hands of people in rural Africa and Southeast Asia, where malaria kills hundreds of thousands and infects hundreds of millions every year. The tests can be tailored to detect any

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disease for which the human body produces antibodies, including ovarian cancer and cancer of the large intestine. The method will be particularly useful for those underserved populations in rural areas lacking access to medical care.

NEWS & RESEARCH

Communication Professor's Research on Internet Use and Demand for Democracy



Erik Nisbet, associate professor, communication, is co-author of [a new study](#) finding that demand for democratic reforms among Russian and Ukrainian internet users depended on what the users were doing when they connected to the web; those on the internet primarily to get news and share political opinions, were most likely to demand more democracy in their countries, while those visiting the web mostly for entertainment were less likely to say they wanted more democracy in their countries and believed they had more democracy than they

actually did. The study was published in the journal [Communication Research](#).

Nisbet discussed his research on *All Sides with Ann Fisher's "Tech Tuesday"* segment.

Sociology Professor's Research Focus on Transition to Adulthood



Michael Vuolo, assistant professor, sociology, discusses his research on the transition from adolescence to adulthood in the June 28 issue of [The Conversation](#). Using longitudinal data from the Youth Development Study, he identified frequent patterns or commonalities in the ways roles marking adulthood are traversed from ages 17 to 30 and what they mean for considering oneself an adult. Read "The Transition to Adulthood: Life Course Structures and Subjective Perceptions,"

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Anthropology Professor Examines Syrian Refugee Crisis



Jeff Cohen, professor, anthropology, discusses his research on the lives of Syrian refugees in the Jul/Aug issue of *The World Financial Review*. At least 6.6 million Syrians had been internally displaced by December 2015; more than half who have fled their homeland are under 18. Cohen's research focuses on migration, remittances and economic development. He is the author of the book, *The Cultures of Migration: the Global Nature of Contemporary Mobility*.

Tango Helps Cancer Patients Regain Balance



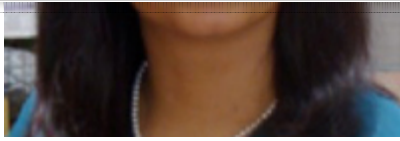
Recent graduate **Mimi Lamantia** (BFA, dance, 2016) came up with the idea that Argentine tango might help alleviate balance problems experienced by cancer patients. After just five weeks of dance classes at The James Cancer Hospital and Solove Research Institute, patients' balance improved by an average of 56 percent. Also, there were measurable changes to their core strength and most were more likely to complete physical therapy, the researchers say. Read more in the June 30 issue of *Newsmax*.

AWARDS

Psychologist Receives APA Early Career Achievement Award



Ruchika Prakash, associate professor, psychology, was chosen to receive the American Psychological Association Division 20 **Springer Early Career Achievement Award in Research on Adult Development and Aging**. The award, the highest honor of APA's Division 20, recognizes an

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individual whose early-career work has contributed significantly to understanding critical issues in the psychology of adult development and aging.

Prakash's research program focuses on examining mindfulness meditation as a tool for cognitive and

emotional rehabilitation in older adults.

ANNOUNCEMENTS

Ohio State STEM Education Milestone for India Program



Ohio State's new program for dual MEd degree faculty training in STEM education and research for higher education in India, developed under the Obama-Singh 21st Century Knowledge Initiative, celebrated an important milestone as **four PhD students received their MEd degree with STEM specialization in May 2016**. **Anil Pradhan**, professor, astronomy; **Sultana Nahar**, research professor, astronomy; and **Karen Irving**, associate professor, College of Education and Human Ecology, designed the two-year program.

GRANTS AND RECOGNITION

Statistics Professor Named ASA Fellow



Peter Craigmile, professor, statistics, was named a fellow of the **American Statistical Association (ASA)**, an honor given to a maximum of one-third of one percent of the total association membership annually. Craigmile was recognized for his outstanding methodological contributions to the study of stationary and non-stationary time series models, long-memory and spatio-temporal processes; influential cross-disciplinary contributions to psychology, climate change research and environmental science; mentoring

students and junior researchers; and service to the ASA and to the profession. He

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will be officially recognized at an awards ceremony Aug. 2.

IN THE NEWS

Abraham Badu-Tawiah, assistant professor, chemistry and biochemistry, on how experimental diagnostic tech could help poor nations, *Fortune*, *Huffington Post*, and *Columbus Dispatch*, July 2

John Mueller, professor, political science, on the trade-offs to increasing security and adding checkpoints in airports, *New York Times*, July 2

David Stebenne, professor, history and law, "Crisis of Conscience," *Huffington Post*, July 1

Michael Slater, professor, communication, on how a powerful narrative can override our natural tendency to challenge information we don't agree with, *Columbia Journalism Review*, June 30

Matthew Sullivan, associate professor, microbiology and Simon Roux (post doc, Sullivan Lab), "Phages rarely encode antibiotic resistance genes: a cautionary tale for virome analyses," *The ISME Journal*, June 21

EVENTS

Through July 8

Exhibit: *Vile Maxim*
Hopkins Hall Gallery
Gallery Hours

Through July 9

Noves Històries, Ohio Art League
2016 Spring Juried Exhibition
Urban Arts Space, 50 W. Town St.
Gallery Hours

July 12-14

Exhibit: *The Longest Distance Between Two Points*
Hopkins Hall Gallery
Gallery Hours
Reception: Thursday, July 14, 3-4 p.m.

July 14

Shell Undergraduate Research Experience Poster Session
291 Mendenhall Lab
1-4 p.m.

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