Dr. Xiaozhong (John) Yu is an assistant professor in the College of Public Health’s Department of Environmental Health Science. John came to UGA from the University of Washington where he served as the Director of Lab Research and Public Health Translation at the Institute for Risk Analysis and Risk Communication. John, originally from Kunshan, China, about forty miles from Shanghai, has been conducting research for more than twenty years. His first research project resulted in the creation of an in vitro model to measure skin absorption of pesticides. Today, John’s research involves developing an in vitro model for male reproductive toxicity testing. John is dedicated to his research and diligently pursues funding opportunities to support his research efforts. John was recently awarded an internal pilot grant from the College of Public Health for his research “Targeting the p53 independent pathways in cancer cells by Arsenic and Chinese herb.”

As dedicated as John is to his research, he is even more dedicated to his family. John’s wife, Lei, has a PhD in Environmental Dermatology and worked as a research scientist in oral biology at the University of Washington for ten years before coming to UGA with John. She is currently a researcher in Dr. Ralph Tripp’s laboratory here at UGA. John’s oldest son, Kevin, is a freshman at the California Institute of Technology and is on the university’s swim team. Kevin broke two records in the 100 meter butterfly his freshman year at Cal-Tech. John’s youngest son, Jack, is in kindergarten at Rocky Branch Elementary School. Like his older brother, Jack has taken an interest in swimming and recently started taking lessons. John and Lei are successful scientists who have clearly found a good balance between their professional and personal lives.
PROPOSALS AND AWARDS

Award Comparisons by Department

FY2012: 7/1/11 - 3/31/12 and FY2013: 7/1/12 - 3/31/13

Although CPH Faculty applied for slightly less external funding in the first nine months of FY2013 ($11.6 million) compared to the first nine months of FY2012 ($12.7 million; below left), the “Awards” graph (below right) shows that CPH Faculty obtained more external funding in the first nine months of FY2013 ($7.4 million) compared to the first nine months of FY2012 ($5.4 million). This represents a 37% increase in external funding obtained by CPH Faculty during the first nine months of FY2013 compared to the first nine months of FY2012.
Proposal and Award Comparisons by Agency Type

FY2006 - FY2012

The “Proposals” and “Awards” graphs below show that CPH Faculty are seeking and obtaining greater amounts of external funding each year, the vast majority of which comes from federal funding sources.
Recent Selected Publications


New Financial Conflict of Interest Rules

The U.S. Department of Health and Human Services (HHS) issued a final rule that amended federal regulations governing financial conflicts of interest (FCOI). The new rules went into effect August 24, 2012. The new rules apply to investigators who are funded by, or anticipate being funded by, any of the Public Health Services (PHS) units. The new rules require all PHS investigators to file an annual Disclosure of Significant Financial Interests (SFIs) by the time a proposal is submitted. This Disclosure must cover all financial interests with an annual monetary value of $5,000 or more. Conflict of Interest training is now required for all investigators on PHS grant and cooperative agreement proposals. Training for UGA Investigators is provided via the CITI online system that UGA uses for Responsible Conduct in Research and Human Subjects training. Additional FCOI information, including a summary of major changes to the regulations, can be found at http://grants.nih.gov/grants/policy/coi/.

Grant Submission Policy: Five Business Day Rule

The CPH Research Office would like to remind faculty of our policy requiring that all sections of external grant applications must be submitted to our office at least five business days prior to the application's due date. This permits CPH Research Office staff to review all application materials, particularly budgets, budget justifications, and subcontracts (if applicable) prior to submission. This Rule pertains to all grant applications (i.e. new submissions, revised submissions, competitive renewals, etc.). We appreciate your cooperation with this policy.
RECENT RECIPIENTS OF EXTERNAL GRANTS


Dallas, C. (PI). Georgia Regional Hospital emergency preparedness exercises. Georgia Department of Public Health 40500-033010100226, 2010-2013, $2,835,000.


RESEARCH RESOURCES

Funding Opportunities From All Federal Government Agencies
http://www.grants.gov/

NIH Funding Opportunities
http://grants.nih.gov/grants/guide

NIH K-Awards Kiosk
http://grants.nih.gov/training/careerdevelopmentawards.htm

System Changes at NSF
http://research.gov/
The CPH Research Office recently initiated the CPH Internal Grant Program to provide faculty with financial support to conduct formative research that results in the submission of external grant applications. Internal grants are limited to $8,000 and cannot exceed one year in duration. We encourage applications from (i) junior investigators seeking to establish a programmatic line of research, and (ii) established investigators who are transitioning into a new research area who would benefit from preliminary data. The following awards were made to twelve faculty members in early 2013.

### Principal Investigator  |  Project Title                                                                                                               |  Award Amount  
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Cherry Colleen          |  Identifying cultural beliefs and practices related to cardiovascular risk factors in St. Lucia                        |  $7,700.00     
Kerstin Emerson        |  Burden of obesity in Mexico and the United States: a cross-national comparison                                              |  $5,818.00     
Amara Ezeamama         |  Translation cultural adaptation and validation of cognitive assessment tools                                                 |  $8,000.00     
Jennifer Gay           |  Dawgs MOVE: managing obesity via exercise                                                                                  |  $8,000.00     
Anne Glass             |  Exploring the health and aging experience of LGBT elders                                                                  |  $7,147.00     
Karen Hilyard          |  Preventing human salmonella infections from backyard poultry                                                               |  $6,400.00     
Jayani Jayawardhana    |  The effect of immigrant status on consumption of health care across the medicare population                               |  $7,949.43     
Kun Lu                 |  The effects of arsenic exposure on the gut microbiome and its functions                                                   |  $7,950.00     
Ye Shen                |  Joint modeling non-linear tumor burden and time to event data in clinical trials                                        |  $8,000.00     
Sara Wagner            |  Radionuclides in drinking water and cancer risk in Georgia: a pilot study                                                  |  $7,998.00     
Xiaozhong (John) Yu    |  Targeting the p53 independent pathways in cancer cells by Arsenic and Chinese herb                                        |  $7,960.00     
Ming Zhang             |  HIV-1 subtype-specific drug resistance profiles: a pilot study in African population                                        |  $7,981.00     

The mission of the CPH Research Office is to develop and sustain a successful extramural grant program by supporting the efforts of our investigators to obtain external funding and conduct innovative research to advance the field of public health.

If you have items that you would like to submit for inclusion in future editions of the newsletter, please e-mail acdenham@uga.edu. Please note that all content will be subject to editing and space availability.