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Oct 2014 CRL Highlights



Ron Gamble staffs CRL's booth at Major/Career Information Day 2014

CRL at the MCID 2014

The Office of Academic and Career Development hosted its annual Major Career/Information Day (MCID) on Tuesday, September 23, 2014, in the Campus Center. The event provided students from all academic backgrounds the opportunity to explore and gather information about IUPUI's undergraduate majors and career opportunities and to learn about the RISE (research, international experience, service learning and experiential learning) initiative. This year's attendance was a record-breaking 468 participants.



23 Undergraduates Receive \$1,000 Research Grants

Twenty-three IUPUI students were awarded Undergraduate Research Opportunities Program (UROP) grants from the Center for Research and Learning for the fall semester of 2014. The approved research projects included topics such as materials science, internet elections, math education, best practices in online education, biofilms and epigenetic effects of radiation. Students work with faculty and graduate-student mentors on these independent projects with the expectation that they will produce a publishable abstract, a poster for presentation at a CRL-sponsored event and a final paper evaluated and approved by their mentor. Students receive a \$1,000 stipend that can be used to support their research, travel to collect data or for other educational expenses. They have up to two years or until they graduate to complete their projects. Applications are reviewed each semester and for the summer. The spring 2015 application deadline is November 30, 2014. Application instructions and a program description are available at:

» <http://crl.iupui.edu/programs/UROPgrant/index.asp>.



Darryl Watkins, DSRP scholar and neuroscience major

DSRP Scholar Receives Award

Darryl Watkins's abstract, "Radiation Alters Epigenetic Programming in Young Adult Mice," was selected for an oral presentation at the 2014 Louis Stokes Midwest Center for Excellence (LSMCE) conference, *Roadmap to Action: LSAMP Model for Broadening Participation*. Darryl's abstract with his faculty mentor, Feng C. Zhou, Ph.D., of the Department of Anatomy and Cell Biology, Indiana University School of Medicine, placed as one of the top three submissions! As an awardee, Darryl will receive a monetary award to

cover his travel expenses to the conference, October 25-26, 2014, in Chicago, IL.



AY 2014-2015 MURI Projects

13 MURI teams have been forming over the last three weeks as the AY 2014-2015 Multidisciplinary Undergraduate Research Institute (MURI) gets underway. 37 mentors and 65 students are in this year's cohort. A significant portion of MURI is administered as a partnership between the Center for Research and Learning and the School of Engineering and Technology.

For a complete listing of this academic year's project titles and mentors please see "2014 Funded MURI Projects" at:

» <http://crl.iupui.edu/programs/MURI/index.asp>



Call for Summer 2015 Multidisciplinary Undergraduate Research Institute (MURI) Faculty Proposals

The Center for Research and Learning welcomes proposals for the Summer 2015 Multidisciplinary Undergraduate Research Institute (MURI) at IUPUI. Proposals should represent two or more disciplines and should offer undergraduate students the opportunity to engage in a substantive research experience focused on a significant research problem. This is a unique opportunity provided to IUPUI faculty and researchers for mentoring students while conducting pilot projects or testing new techniques and designs.

Some key points regarding this year's program are as follows:

Faculty writing proposals are encouraged to review the document titled "MURI FAQs for Faculty Submitting Proposals" at <http://www.crl.iupui.edu/programs/MURI/callforproposalsAYSummer2015.asp>.

Proposals must be submitted by using the current version of the MURI Project Proposal Form, which will be posted at <http://www.crl.iupui.edu/programs/MURI/callforproposalsAYSummer2015.asp>.

The MURI review committee will review the submitted proposals using the MURI Proposal Evaluation Form. To view a sample form, click <https://surveycentral.uc.iupui.edu/muriproposalreview2012SAMPLE.aspx>.

Projects must include faculty mentors from more than one discipline. Eligible graduate students and post-doctoral trainees also may serve as co-mentors on a team.

Proposals are due by midnight on November 23, 2014, to the following address: CRLGrant@iupui.edu.

The proposal-review committee meetings are currently scheduled for December 11 and 12, 2014.

The announcement regarding funded proposals is currently scheduled for January 12, 2015.

Students may apply to MURI and rank their project choices beginning January 12, 2015, with a deadline of March 1, 2015.

The summer program begins on June 1, 2015, and continues through July 31, 2015.

While MURI is jointly funded by the Center for Research and Learning, a division of the Office of the Vice Chancellor for Research, and the Purdue School of Engineering and Technology, project proposals from *all* disciplines on the IUPUI campus are encouraged.

For more information contact Elizabeth Rubens erubens@iupui.edu or Steve



CRL Joins Social Media

To keep in touch with our undergraduate-research “family”—this includes anyone receiving this newsletter and more—we have taken to social media! With the Center for Research and Learning (CRL) social-media accounts, you will have access to our most current information about CRL programming, special events and research-related topics. If you currently do not have a social-media account we encourage you to create one, which benefits you in establishing your brand. Future employers are able to view your published scholarly work, or they may even discover your passionate blogs about research. Establishing your brand opens many doors for networking and employment opportunities. Please friend or like us on any of the following CRL social-media accounts:

