

Center for Research and Learning

A Division of the Office of the Vice Chancellor for Research

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September-October 2011 Highlights



Wayne J. Hilson Jr. M.S. Ed.

Welcome Wayne Hilson!

Wayne J. Hilson Jr. M.S.Ed. joined the CRL Staff in September and has accepted the position of Interim Program Leader of Diversity Scholars Research Program. Mr. Hilson will continue his association with the Office of Diversity, Equity and Inclusion, where he works with the Affinity Faculty and Staff councils as well as projects related to academic units. His new duties as a Program Leader and his responsibilities in the Office of Diversity, Equity, and Inclusion are "not mutually exclusive." He notes that, "They both tie in and relate to recruitment, retention and over all diversity on campus." He is very excited to be working directly with students again!

[More Details »](#)



ITEC turns research into reality

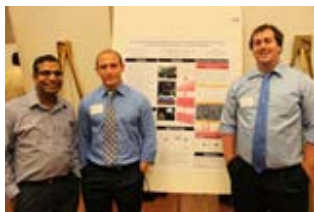
Introducing ITEC: The Newest CRL Program

In the Innovation-to-Enterprise Central (ITEC) program, a collaboration between IUPUI's Center for Research and Learning and the Solution Center, undergraduate students will have the opportunity to actively learn about research commercialization in a special 20-24 week academic program being launched this fall after a highly successful pilot last spring. The ITEC experience will promote students' interest in invention and business development. ITEC facilitates the creation and support of collaborative multidisciplinary research commercialization teams, consisting of students from multiple academic disciplines, faculty and other participants.

[More Details »](#)

MURI Proposals Have Been Accepted!

The Center for Research and Learning proudly announces the 2011-2012



MURI Pairs teams of students with mentors.

academic year MURI proposals. We also welcomed over 60 students into the MURI program this fall! The orientation was highlighted by project presentations by professors and team introductions. Look for more information to come on these exciting projects!

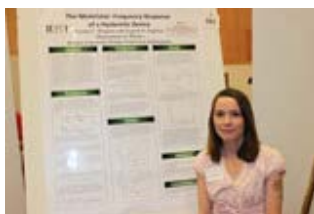
[To view the projects click here »](#)



Featuring Dr. Yogesh Joglekar

All great students have had at least one great mentor. Dr. Yogesh Joglekar, an assistant professor of physics in the IUPUI School of Science has served in this role for dozens of undergraduate and high-school students. His success can be measured by the number of scientific articles he has jointly authored with his students (six at last count) or by the research awards his students achieve (last year's Chancellor Research Scholar) or perhaps more directly by the wide diversity of students he has taken under his wing. A visit to Dr. Joglekar's group is likely to reveal highschool students, first-year undergraduates, senior capstone students, and graduate students involved in theoretical research, with advanced students mentoring their less experienced compatriots, all caught up in the self-discovery associated with experience-based learning. Indeed, Dr. Joglekar understands the importance of learning by doing and applies this approach in his classroom as well as his research group. He challenges his students to engage with science in the everyday world around them, from cell phones and computers to car mirrors. The Center for Research and Learning relies on dedicated mentors such as Dr. Joglekar to spread the mission of engaged learning represented by IUPUI's RISE to the Challenge initiative. Dr. Joglekar has worked with students in a number of CRL programs, including the Undergraduate Research Opportunities Program and he continues to mentor students in the Louis Stokes Alliances for Minority Participation, and Ronald E. McNair Program. Our students and academic community at IUPUI have benefited greatly from Dr. Joglekar's commitment to converting student potential to student attainment.

[More on Dr. Joglekar »](#)



Natalia Meijome

Featuring Natalia Meijome:

Natalia is a senior at IUPUI majoring in physics. She is mentored by Dr. Yogesh Joglekar.

"This is my fifth and final year at Indiana University-Purdue University Indianapolis. I plan on continuing my studies in graduate school in the area of biophysics. I have been and continue to be involved in the Ronald E. McNair Postbaccalaureate Achievement Program in research. I heard about the CRL through the summer research program I was involved in. My research was on the frequency response of a memristor under an applied voltage. The memristor is the fourth fundamental circuit element and it has many interesting possible applications. I think undergraduate research is important because it has helped greatly in developing my analytical skills. Research challenges you to think about problems which have no solutions yet."

[More on the McNair Scholars Program»](#)

Share the News with CRL

The Center for Research and Learning needs your input! We are looking for news to recognize the achievement of student research scholars, promote student organizations, and share ideas. Please contact us at crlstaff@iupui.edu.



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(317) 274-8880 phone | (317) 278-3602 fax | Monday through Friday 9:00 a.m.–5:00 p.m.

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