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# **April/May 2013 Highlights**



Students participants range from high school to college undergraduates.

# **Summer Research Program 2013 Starts June 3rd**

The IUPUI Center for Research and Learning (CRL) is preparing to welcome its Summer 2013 Student Cohort to campus!

Depending on the program, student participants range in age from high school to college undergraduates and come from a variety of high schools and colleges in addition to IUPUI. Student accepted into the full-time programs will engage in a nine-week session from June through the beginning of August. In addition to working with faculty and staff research mentors on specific research projects, students will attend a variety of skill-building sessions and professional-development activities. The programs culminate in a campus-wide poster session at the end of the summer. Many of the programs provide stipends to students, and some participants may also qualify for the "R" portion of the RISE transcript notation for research. (RISE represents extensive participation in research, international study, service learning, and other qualifying experiential learning.)

Faculty, staff, and students are invited to attend the final poster symposium on July 25, 2013.

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Physics major Qurat-ul-Ann "Anna" Mirza, honored

#### 2012-2013 CRL Awards

Friday, April 19, 2013, marked the eighth annual Student and Faculty Recognition Celebration presented by the IUPUI Center for Research and Learning (CRL).

Each year the award reception honors those individuals whose enduring efforts have assisted IUPUI and CRL in soaring towards the top. This year's award recipients included associate with the 2013 Bowling-Jones-Russo Memorial Undergraduate Research Award. professor of physics Dr. Yogesh Joglekar, who received the newly renamed Kathryn J. Wilson Award for Outstanding Leadership and Mentoring of Undergraduate Research; and physics major Qurat-ul-Ann "Anna" Mirza, honored with the 2013 Bowling-Jones-Russo Memorial Undergraduate Research Award. The Center for Research and Learning also recognized graduating seniors in the Class of 2013 who have participated in the center's programs, CRL scholars from IUPUI's Top 100 and the inaugural cohort of CRL Ambassadors.

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IUPUI identified its most outstanding male student as being senior, James Andrew Plew.

Top Male IUPUI Student: James Andrew Plew

The Center for Research and Learning (CRL) commends one of its own. At this year's annual Top 100 Outstanding Students Recognition Dinner, IUPUI identified its most outstanding male student as being senior James Andrew Plew, a double-major in finance and international studies in the Kelley School of Business and the IU School of Liberal Arts, respectively. In the past two years, Plew has participated in the Innovation-to-Enterprise Central program (ITEC).

"The campus offers so much in the way of research and volunteering opportunities in particular, and the cross-curricular exposure is a core feature," he noted. "Students from many different disciplines are able to collaborate and learn from each other in unique ways." During his academic career, Plew has worked alongside students from various fields of research such as medicine, computer science and kinesiology. Plew found the diverse educational settings of IUPUI to be enlightening and invigorating, ideal for a well-rounded education.

Plew is focusing on new horizons, including a postgraduate entrepreneurial fellowship. "That will allow me to apply my business-and-finance background to a small, high-growth startup company in technology," a goal stemming from the elements that inspired his career. "I couldn't be more excited about this opportunity and the next stage of my life," Plew said.

The Center for Research and Learning congratulates Jim Plew on this exceptional honor!

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## **Featuring Mentor: Maureen Kinney**

Maureen Kinney, who is the Kelley School of Business Indianapolis Director of Undergraduate Programs, enjoys both the challenges and achievements that come with helping students figure out the tricky waters of a college career.



Kelly School of Business,
Director of Undergraduate
Programs

"After working in the co-curricular aspects of higher education, I got into advising because I wanted to work in the academic side of a university," said Kinney, a native of upstate New York with a master's degree from the School of Education at IU Bloomington. "I like working on the planning side of academics, and I like working one-on-one with students, helping them navigate their college career."

Advisors have a dual role, Kinney believes: to support a student in pursuit of his or her goals, but also to challenge students to stretch themselves. "You have to get to know the students, their goals, their support system, whether they have a job as well as taking classes, so you can help them reach their dreams," she said.

She handles that challenge quite well, according to Kelley senior Jim Plew, who was IUPUI's Top Male student for 2012-13. He praised Kinney for her contributions to his IUPUI career, calling her "the single most important resource I had as an undergraduate. I wouldn't be where I am today without her," he said.

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Dr. Richard E. Ward (far right) with IUPUI students and faculty.

# 11 CRL Students Presented at National Undergraduate Research Conference

Sixteen undergraduate students from IUPUI traveled to La Crosse, Wisconsin, April 10-13, 2013, to present their research projects at The National Conference on Undergraduate Research (NCUR). This annual conference attracts over 3,000 undergraduate students from across the country and is considered the premier event of its kind. Participants are selected through a rigorous faculty review process. Eleven of the students were sponsored by the Office of the Vice Chancellor for Research and the Center for Research and Learning (CRL) as these students are participants in programs affiliated with the CRL, including the Diversity Scholars Research Program, The Ronald E. McNair Program, and the Louis Stokes Alliance for Minority Participation program. The group also included students from the Olaniyan Scholars Program and the IU School of Nursing Honors Program. The three day event was held on the campus of the University of Wisconsin La Crosse and included opportunities for students to participate in graduate fairs and hear internationally known researchers describe their own intellectual journeys.

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Wayne Hilson LSAMP Conference Speaker

LSAMP Indiana Hosts Annual Research and Alliance Enrichment Conference

Friday and Saturday, April 19-20, 2013, Louis Stokes Alliance for Minority Participation (LSAMP) Indiana hosted its annual Research and Alliance Enrichment Conference. The conference created a forum for LSAMP students to present their research projects and to share their experiences with students from other Alliance campuses from throughout the country. In order to enhance the LSAMP students' identifications with STEM disciplines, conference speakers included industry and academic leaders, outstanding research scholars and/or LSAMP alumni who discussed their experiences as a member of an underrepresented group in STEM.

Wayne Hilson, program leader for the IUPUI Diversity Scholars Research Program in the Center for Research and Learning, spoke at this year's conference. In keeping with year's conference theme "SySTEMatically Developing Global Leadership," Mr. Hilson's presentation focused on "The Economic Impact of a STEM Educated Society." There are estimates that increasing the math proficiency of U.S. students to that of Canada and Korea would increase U.S. GDP growth rate by up to 1.3 percentage point annually. This equates to approximately \$1 trillion of economic growth each year over the next 80 years.

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