

Engineering, Computer Science, Physics & Math Department

ORU ENGINEERING WILL HOST IEEE GREEN TECHNOLOGY CONFERENCE

Tulsa will host the 2012 IEEE Green Technology Conference on April 19-20, 2012. The conference chair and co-chair are Dr. Sophie Liu and Dr. Robert Leland of the ORU Engineering, Computer Science, Physics and Mathematics Department. In addition, Dr. John Korstad and Dr. Lois Ablin of the ORU Biology and Chemistry Department will co-chair a session on Biofuels and Emerging Fuels Technology. Dr. Elena Gregg will be the local arrangement chair for the conference.

The IEEE is the Institute of Electrical and Electronics Engineers, and is the professional society for electrical engineers. The conference is not limited to electrical engineers, and will include people from a wide variety of different professions. The Green Technologies conference brings together experts in a wide spectrum of areas concerned with green technologies. This includes energy generation, conservation and storage; sustainable architecture and design; public policy and economic impacts; environmental protection and remediation; and sustainable computing and biofuels. The conference will focus on new technologies for energy generation and use, sustainable computing and sustainable architecture.

Biology & Chemistry Department

Ashley Sweeney (Bio junior) presented her research project on a vegetation analysis at a mitigated wetlands at the Great Plains Honors Conference, held March 30-April 1 in Kansas City. She will also present at the national WCBSUR (West Coast Biological Sciences Undergraduate Research) Conference at Loyola Marymount University, Los Angeles, CA on April 21.

Matt Acker, M.D., Director of In His Image medical missions and former medical missionary to Kazakhstan, spoke on March 29 on the subject of "Medical Missions in Central Asia and Around the World through Medical Education and Discipleship."



Four members of Iota Sigma Pi (Women in Chemistry Society) - Rebekah Dunbar, Caitlin Legler, Ilha Won, and Brittney Hunter - presented a panel discussion on Careers in Science on March 14 to Jill Huff's Pre-AP Chemistry class at East Central High School. Club advisor Dr. Lois Ablin (Associate Professor of Chemistry) also attended the event.

Four Biomedical Chemistry students - Kristi Nguyen, Caitlin Legler, Rebekah Dunbar and Nassus Brown - presented a poster from the Physical Chemistry class at the 57th Annual Pentasectional meeting of the American Chemical Society on March 17 in Lawton, OK. Also, Rebekah Dunbar and Kristi Nguyen presented individual posters on their senior research. Gary Ritzhaupt (Instructor of Chemistry) and Dr. Lois Ablin (Associate Professor of Chemistry) also attended the meeting and presented a poster on Service Learning.

Behavioral Sciences Department



Connie Sjoberg and Robert Kiel

of Anxiety in College Students” for her Outstanding Psychology Senior Paper. Chelsea Dean, Social Work, and Stephanie Asmus, Psychology, are the Outstanding Students for the department this year. We would also like to congratulate Lauren Wells, Psychology, for her accomplishment as the Outstanding Honors Program student.

Our faculty awards included Dr. Connie Sjoberg, Outstanding Service award for the College of Science and Engineering, and Robert Kiel, Outstanding Behavioral Sciences faculty. We look forward to celebrating the graduation of 48 incredible Psychology and Social Work majors on May 5th and sending them out to pursue God’s plan for their future and ministry in these fields. We wish everyone a blessed and restful summer.

The Behavioral Sciences Department has had a successful and eventful academic year. The students and faculty have promoted and participated in great projects and outreaches and produced outstanding academic work. Kelly Doom wrote an in-depth literature review titled “Youth and Non-Substance Addictions: Internet and Video Games” for her Outstanding Social Work Senior Paper. Kelly Lindsay developed and conducted a pilot study titled “The Efficacy of Online Support Groups in Alleviating Symptoms

News from the Dean

At the AAAS SWARM (American Association for the Advancement of Science, Southwestern and Rocky Mountain) Division’s 86th Annual Meeting at the University of Tulsa, held March 31-April 4, Dominic Halsmer, Dean of the College of Science and Engineering at ORU, presented “Bringing Science into Theology to Facilitate Healing and Reconciliation” at the opening day of the Symposium on Science and Religion. Professor Jeff Lamp of the ORU College of Theology and Ministry and ORU Theology student Joshua Beck also contributed to the presentation. Four other presenters from



Oklahoma universities also shared their views, followed by a panel discussion which produced constructive dialogue. The topic for the symposium, “Science and Religion - Building Bridges, Dismantling Misconceptions,” was very appropriate because, although there were some differences of opinion, relationships were established and groundwork was laid to move forward in a productive manner in the area of science and faith issues. For a more detailed account of this worthwhile symposium, see: http://www.aaas.org/news/releases/2012/0404swarm_science_religion.shtml.