

## Engineering, Computer Science, Physics & Math Department

Dr. Vince Dimiceli will be presenting his paper "Estimating Black Globe Temperature for calculation of the WBGT Index" in January at the Joint Mathematical Meetings in New Orleans, LA. The WBGT Index is used to rate the danger of heat stress for workers, people planning to do outside sports activities, or simply people who may want to perform yard work. A web page will be designed using his formula to allow anyone to calculate the WBGT Index and determine if it is safe to perform tasks in hot weather.

The ORU students group of the Society of Women Engineers (SWE) has been started in September 2010. Fourteen engineering female students joined the group as pioneer members. Dr. Sophie Liu is the faculty advisor and Ms. Abigail Wendt is the alumni advisor for the group.



First SWE meeting at Haikey Creek Park



President Kerry Kammerlohr (Right) and vice president Aeris Gardner (left) for ORU students group of SWE

## Behavioral Sciences Department



Social Work is more than a profession, it is a ministry! We want people to know that you don't have to be a SWK major to join the club. What are the requirements? Love God and Love people! Our motto for the year is "Love changes everything". This is on our very popular t-shirt with the scripture on the back, 1 John 3:18; "Love not only with words but with actions and in truth". "Love is a language that even the deaf can hear and the blind can see". The club chooses a theme and events/speakers are focused around it. The fall theme is Mental Health. The first meeting Professor Kiel gave an introduction to Social Work, along with his testimony and experience in the profession. The next was on veterans, "Fitting back in". Drawing awareness to the needs of servicemen and women, and the effects of war (PTSD, TBI) and need for more resources. The final meeting will be Mark Davis from the Mental Health Association. We conduct one outreach a semester to a neighboring agency, our way of sowing back into the community. We are a success as a result of God's guidance and a wonderful staff of officers; from the club advisor-Chene Tucker, to the club officers, Pres-Jerrica Rodgers, VP-Meredith Rowley, Secretary-CJ Johnson-Bryant, Treasurer-Kendra Bowden, PR's-Stacy Butler, Sarra James, Savanna Villarreal, Trustees-Ngin Khai, Dustin Palmer. We are a family!

## HPER Department

The HPER Department's yearly Fall Fun Run was held on October 23<sup>rd</sup>. The attendance of 1200 students is a site to be seen! It was truly a HIGH ENERGY 2 mile FUN RUN!

Dr. Halsmer was at the start line of the Fun Run while Dr. Huber had a surprise VIP guest appearance across the finish line. Check out the photos!



## Message from the Dean - Outreach to Local K-12 Schools

The College of Science and Engineering continues its outreach to local K-12 school students and teachers. Ten ORU faculty members recently completed a series of interactive lectures to college-bound students at Union High School. Andrea Walker, Rachel Budavich, Ken Weed, Bill Collier, Steve Herr, Lanny Endicott, Hal Reed, John Korstad, Andy Lang, and Dominic Halsmer gave thought-provoking presentations on the applications and implications of science and technology. The lectures appeared to be very well-received. Lois Ablin continues to spearhead "Chemistry Days" at local elementary schools, much to the delight of the fortunate children. ORU students often take part on these interactive demonstrations and may get just as much out of it as the younger ones. Biomedical Engineering student Taylor Tryon recently made a poster presentation on "Motivating Students to Pursue Fulfilling STEM Careers by Focusing on the Implications of Science and Technology." He and another ORU student (Dominick Cooper from Education) tied for third place in the poster competition at the OU-Tulsa Community Engagement Center Conference on University-Assisted Community Schools on October 25, 2010. Taylor plans to make presentations to students at Bixby and Broken Arrow High Schools on the implications of science and technology. Other ORU faculty and students are also involved in outreach to local schools. Please send the details to the dean's office for inclusion in the newsletter.