

## Student honored for refugee work, academics

Sambo Dul, who spent her childhood in a Cambodian refugee camp, has won a Jack Kent Cooke Foundation Scholarship that will pay for her entire graduate education, for up to \$50,000 per year.

Dul lived for four years in a make-shift camp on the Thai-Cambodian border, making the 8,000-mile journey to Arizona with her mother and three siblings when she was five years old.

While attending ASU on full scholarships, Dul founded Community Outreach & Advocacy for Refugees, an organization to train students to work with newly settled refugee families, serving as friends and mentors. The organization has since served more than 600 refugees.

Dul graduated Phi Beta Kappa from the College of Liberal Arts and Sciences and the Barrett Honors College with degrees in political science, economics and Spanish.

## SkySong fuels collaboration on teacher training

Working through SkySong, the ASU Scottsdale Innovation Center, the university will collaborate with the Scottsdale Unified School District (SUSD) to create learning communities for Scottsdale teachers, and to address health care needs of the community.

The collaboration, launched with a \$20,000 planning grant from the Virginia G. Piper Charitable Trust, will help project leaders develop programs to train teachers in the latest science and math educational concepts.

"This collaboration gives Scottsdale schools a new, distinctive opportunity that could continue to boost our enrollment," said John Baracy, superintendent of the SUSD.

Likely areas of collaboration would include global studies, arts and technology integration, parent empowerment training and teacher training.

## One ASU, one accreditation

Opportunities have widened for ASU West campus students, as the university has achieved single institutional accreditation for all campuses.

Single accreditation for ASU means that programs on all campuses are held to iden-

tical standards of academic excellence, and that students from the West campus may enroll in courses or participate in sports and extracurricular activities at other ASU campuses. ASU West campus can even consider establishing its own sports program.

The university has set these programs and procedures, among others, in place for all four campuses:

- Availability of the Barrett Honors College and programs with the University College;
- Open fellowship eligibility for all graduate students;
- Sharing the same administrative and other data bases, and offering a common class schedule
- Creating consistent student policies and appeals guidelines.

## Cao receives NSF Career Award

Yu (Kevin) Cao, assistant professor in the Department of Electrical Engineering in the Ira A. Fulton School of Engineering, has received a National Science Foundation (NSF) Career Award, which recognizes young scientists and engineers showing potential for leadership in significant research areas.

The award comes with a \$404,000 grant over five years for Cao's efforts to advance knowledge in nanoscale electronics design.

"The biggest challenge for nanoscale design is how to deal with [manufacturing] variations and guarantee the quality of design," Cao said. He'll be working to develop the infrastructure and tools to produce more reliable nanoscale systems that achieve high performance while requiring minimal power use.

## New community service program

ASU's Center for Nonprofit Leadership and Management is launching Public Allies Arizona in the Phoenix community this fall.

The three-year, renewable grant, from the Corporation for National Service in partnership with the Public Allies national office, will place 25 service-minded young people in 10-month apprenticeships in non-profit partner organizations.

The participants will receive training in professional and leadership skills and, once matched with a non-profit organization, will be responsible for programs designed

to influence the community through projects in youth development, public health and community development.

## Economist creates model for sustainable tourism

Tourism may be the largest industry in the world but according to ASU professor and tourism economist Tim Tyrell, it is lacking the knowledge of how to obtain maximum profits while sustaining a high quality of life for the residents of tourism communities.

The search for sustainability, according to Tyrell, "implies that at least one group will be worse off, compared to their most preferred environmentally sustainable outcome." This means that even if a tourist destination is at an environmentally sustainable, optimal solution from the perspective of one group (e.g., industry), there may still be political pressure from the other groups (e.g., residents) to depart from that level.

Tyrell is leading an effort to create a Metropolitan Tourism Center at ASU's Downtown Phoenix campus. The center would be unique in the world because of its focus on critical issues facing rapidly growing urban areas, such as transportation, migration, communication, unemployment, education, natural resources and economic development.

Tyrell's bioeconomic model proves mathematically that a policy that maintains overly pristine environmental quality may be just as unsustainable as a policy that causes excessive environmental decay.

## \$18 million grant for Center

The Microscale Life Sciences Center (MLSC), led by Deirdre Meldrum, new dean of the Ira A. Fulton School of Engineering, has been awarded a five-year \$18 million grant to continue its role as one of the Centers for Excellence in Genomics Science.

The MLSC's focus is on use of microscale technology innovation to solve mysteries about cell growth and death, answers that will reveal crucial knowledge about cancer, heart disease and strokes, the leading fatal diseases in the U. S.

The Center is developing miniature automated systems designed to rapidly detect and analyze the differences between healthy and diseased body cells to better understand the nature of disease processes.