

ACES MARKS 10 YEARS OF SUCCESS

Ten years ago, Cathy Banks (mathematics and computer science) tried a little experiment. Banks, director of the TWU Science and Mathematics Center for Women, organized a week-long summer camp for girls in grades seven and eight. However, this was no ordinary summer camp. That particular week, while their peers were taking a break on the ballfield, at the beach or on couches strategically positioned in front of television sets, the 13 girls who attended Bank's fledgling program were getting hands-on experience in other fields -- specifically, mathematics and science.

"I think it's really important to let young ladies know it is a 'cool' thing to like math and science," said Banks, who dubbed her camp "Access to Careers in the Sciences Camp" -- ACES.

Apparently, it's catching on. Not only has ACES been recognized by Duke University as one of the top programs of its kind, but this summer Banks will welcome more than 80 young women in grades six through 11 to two different two-week ACES camps at TWU. Six instructors will lead participants in classes on marine biology, engineering, forensic science, logic, Internet exploration, microbiology, engineering, anatomy and physiology, chemistry, health care, physical therapy and computer science.

In the process, they will seine beaches; hear presentations from women professionals in the mathematics and science fields; visit hospitals; solve hypothetical crimes with physical evidence using pathology, toxicology and genetics; author web pages; inflate a 55-foot whale; and explore the chemical and physical properties of matter in laboratory settings.

Most importantly, however, they will have fun. "Each day, they have a morning session and an afternoon session, and each session is three hours long," said Lana Woods (Physical Therapy), who will lead PT classes at ACES for the second consecutive year this summer. "What I try to do is make sure that in every class we have a hands-on time. For example, I may talk about theory for a while, but then we actually will do it. Or I'll take the girls on field trips to see different kinds of physical therapy. There's a variety of things you can do to help these girls gain knowledge without just sitting for three hours and taking notes."

Featuring a range of free-time activities, including country and western dancing, swimming and watching movies, ACES costs each participant \$800 for two weeks of hands-on learning. Attendees stay in either Stark Hall or Guinn Hall on the TWU campus, and college students majoring in mathematics or science function as camp counselors.

A survey of former ACES campers indicated that, of the 184 respondents, all had graduated from high school. Of that same total, almost all have attended college (16 are college graduates and 165 currently are enrolled in a college or university). Of those 184 campers, 110 (or 60 percent) are pursuing a math- or science-related career.

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ACES, *continued*

Sarah Stinnett, 23, a second-year graduate student in mathematics at Texas Tech University, has served as a counselor at ACES three different times. But then again, Stinnett holds a special place in her heart for the summer camp -- she was one of the original 13 girls who attended ACES back in 1988. Stinnett said that the key to the success of ACES lies in the instructional methods practiced by the ACES faculty.

"The thing about ACES is that it's fun, but you learn at the same time," she said. "It's very much about education, but it's nothing like school -- it's a lot of fun." Stinnett said ACES profoundly influenced her life: "It's a wonderful opportunity. I learned so much. I honestly don't know that I would have gone on in math or science if it weren't for ACES. I might have majored in business or something other than what I learned there. I don't think I'd be who I am today without it."

For details, call Banks at 8-1-2769.

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FLUTE CONCERT SET

Walfrid Kujala, flutist and piccolo player with the Chicago Symphony, will perform during a free

concert at 8 p.m. on Tues., June 9, in Margo Jones Performance Hall at TWU. Kujala, who has been principal piccolo with the Chicago Symphony for 40 years, will perform with a flute choir comprising local high school students, college students and adults. In addition, Kujala will share his expertise with local flutists during a series of workshops on June 10. Sessions will include a piccolo workshop from 9 to 10:30 a.m., an audition workshop from 11 a.m. to 12:30 p.m., a master class from 2 to 5 p.m. and an additional session from 6 to 9 p.m.

Kujala, whose visit is part of a flute choir workshop and master class scheduled June 7-10 at TWU, received his bachelor's and master's degrees from the Eastman School of Music, where he studied with Joseph Marino and subsequently taught. He performed with the Rochester Philharmonic from 1948 to 1954, at which point he joined the Chicago Symphony.

Kujala began his association with the Chicago Symphony as assistant principal flute and then became principal piccolo in 1958. In addition to performing with the Chicago Symphony, he served as principal flute for the Grant Park Symphony from 1955 to 1960. In 1962, Kujala joined the faculty at Northwestern University as professor of flute, and in 1988 -- in honor of his 60th birthday -- his students and colleagues commissioned a flute concerto by composer Gunther Schuller. The premiere of the work was performed by Kujala, the Chicago Symphony and conductor Sir George Solti in October of that year.

The author of numerous textbooks, Kujala was a visiting professor of flute at the Shepherd School of Music at Rice University from 1995 to 1997. Currently, he is a contributing editor for *Flute Talk*.

For details, contact Dr. Pamela Youngblood (performing arts, music) at 8-1-2495.

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DEADLINES FOR PURCHASE ORDERS ANNOUNCED

Year-end deadlines for FY 97-98 purchase orders have been announced and distributed to all departments and offices on campus. The list is provided below.

- All purchase orders and/or equipment requests that required written bids were due in the purchasing office **before May 29, 1998**, including all non-computer-related orders and/or equipment requests *totaling more than \$10,000 but less than \$25,000*.

- All purchase orders involving *state open* (orders totaling \$25,000 or more) must be received in the purchasing office **on or before June 26, 1998**.
- All purchase orders for *state contract* items must be received in the purchasing office **on or before Aug. 7, 1998**.
- All purchase orders from *Qualified Information Systems Vendors* (QISVs) that use 1997-98 funds must be received in the purchasing office **on or before Aug. 7, 1998**.
- All other purchase orders for *direct purchases* from vendors that use 1997-98 funds (less than \$10,000) must be received in the purchasing office **on or before Aug. 7, 1998**.

"On-line requisitions following purchasing procedures must be entered and approved by the deadline dates indicated above," said Cynthia Polson (purchasing) in a campuswide memorandum in May. "Be aware that these deadlines apply to all university fund sources, and strict adherence is mandatory."

All consumable items purchased with 1997-98 funds must be accepted and received no later than Aug. 31, 1998. A consumable item is one which has a useful life of one year or less. To renew equipment rentals for FY 99, submit a purchase order for the period beginning Sept. 1, 1998, through Aug. 31, 1999. These orders will be accepted in the purchasing office after Aug. 15, 1998, but they must be identified as FY 99 purchase orders. (Equipment renewal requests entered on-line must be processed with a Sept. 1, 1998, requisition date.) Anyone who has questions should call purchasing at 8-1-3585.

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COMMITTEE AWARDS STUDENT TRAVEL FUNDS

The student travel fund committee met during the spring semester and funded a number of travel awards for students who will attend professional conferences to present papers and to participate in programs; those awards are listed below. Students interested in applying for travel funds for the fourth quarter of this year must turn in their paperwork before July 10, when the committee meets again. Applications are available in each academic department or in the office of student life, SC 206. Dr. Basil Hamilton (psychology and philosophy) chairs the committee, while the office of student life administers the program. Call 8-1-3601 for details.

- *Nancy DeHonores* (English, speech and foreign languages) -- Sigma Tau Delta International convention in Anaheim, Calif.: "The Influence of Castillian Spanish in the Development of the English Language";

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STUDENT TRAVEL AWARDS, *continued*

- *Tzyy-Jiuan Wang* (Physical Therapy) -- American Physical Therapy Association meeting in Orlando, Fla.: "Validity and Responsiveness of a Condition-Specific Questionnaire on Neck Disorder";
- *Debra Vickers* (dental hygiene) -- American Dental Hygienists Association annual session in New Orleans, La.: "Amalgam Polishing -- Past, Present and Future?";
- *MaraLee Ziebarth* (dental hygiene) -- American Dental Hygienists Association annual session in New Orleans, La.: "The Color of Your Personality";
- *Diane B. Rollins* (nutrition and food sciences) -- FASEB Experimental Biology meeting at the Moscone Convention Center in San Francisco, Calif.: "Alternate Method of Establishing the Percent of Body Fat and Body Mass in Elderly Women";
- *Brandy J. Piper* (dental hygiene) -- 98th annual session of "Turning 2000" Harmony in Healthcare in New Orleans, La.: "TMJ Dysfunction and the Elderly Patient";
- *Lakshmi Venkateswaran* (nutrition and food sciences) -- Experimental Biology 98 in San Francisco, Calif.: "Zinc Status and Bone Density of Postmenopausal Women";
- *Cheryl Ann Wiltse* (English/rhetoric) -- 98 Southwest/Texas Popular Culture Association meeting in Lubbock, Texas: "Kate Chopin: Silent Appropriation";
- *Zarmin Lalani* (dental hygiene) -- American Dental Hygienists Association annual session in New Orleans, La.: "The Art of Bleaching and Effectiveness of Sealants in Our School System";
- *Megan Ariel Shults* (biology) -- Beta Beta Beta Biological Honor Society biennial convention in San Diego, Calif.: "Isolation of a Replication Gene from *Helicobacter pylori* Plasmid DNA";
- *L. Suzanne Suggs* (health studies) -- 9th International Conference on College Teaching and Learning and Technology in Jacksonville, Fla.: "Making the Grade -- Health Education and the Internet";
- *Lisa Clark* (health studies) -- 9th International Conference on College Teaching and Learning and Technology in Jacksonville, Fla.: "Women's Health Education and the Internet";
- *Molly Faulkner* (dance and related art) -- SWRBA Regional Dance America's Festival 98 in Little Rock, Ark.: Performer -- "A World of Dance";
- *Colleen French* (dance and related art) -- SWRBA Regional Dance America's Festival 98 in Little Rock, Ark.: Performer -- "A World of Dance";
- *Kyehee Kim* (dance and related art) -- SWRBA Regional Dance America's Festival 98 in Little Rock, Ark.: Performer -- "A World of Dance";
- *Lindsay Collins* (dance and related art) -- SWRBA Regional Dance America's Festival 98 in Little Rock, Ark.: Performer -- "A World of Dance";
- *Ann Marie Olson* (English/rhetoric) -- College English Association meeting in San Antonio, Texas: "An Emerging Rhetoric of Cyberspace -- William Gibson's *Idoru*";
- *Judith Carter* (English/rhetoric) -- 98 Southwest/Texas Popular Culture Association meeting in

- Lubbock, Texas: "Mary Austin -- Advocate for Native American Art and Rights";
- *Trey Teel* (music therapy) -- Southwest Regional Music Therapy Conference in Waco, Texas: "A Life in Song -- A Phenomenological Perspective of a Woman with Alzheimer's Disease"; and
 - *Hailing Xiao* (English/rhetoric) -- South Central Society for 18th-Century Studies 23rd annual meeting in San Antonio, Texas: "The Tragedy of Jane Shore."

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UPDATE ON TWU ATHLETICS

Reminder: Summer camps are scheduled as follows:

- **volleyball** -- June 3-4, Youth Day Camp for Girls and Boys (beginning players, ages 9 to 12, or grades 3 to 6 in the fall), \$75; June 5-8 and June 10-13, instructional camps (for girls ages 13 to 18 who want to learn volleyball skills, as well as defensive and offensive systems), commuter camper fee is \$175 and resident camper fee is \$250;
- **basketball** -- June 14-17, instructional camp (for girls ages 10 to 17 who want to improve their individual basketball skills), commuter camper fee is \$175 and resident camper fee is \$250; June 29 - July 1, day camp (instructional camp for girls in grades 3-6, morning session, and grades 7-9, afternoon session, to improve individual basketball skills), day camp fee of \$75;
- **gymnastics** -- June 21-25, instructional camp (for girls ages 8 to 17 of all ability levels), commuter camper fee of \$220, and resident camper fee of \$290; and
- **softball** -- June 10-12, specialty day camp (day camp for girls in grades 9 to 12 who want to work on their primary positioning and hitting), fee is \$100; June 17-20, instructional camp (for girls ages 10 to 18 who want to learn and improve their individual skills, team concepts and strategies in softball), commuter camper fee is \$175, and resident camper fee is \$250. Call 8-1-2378 for more information.

In other news....Each academic year, member institutions of the Lone Star Conference present an LSC Scholar Athlete Award to one male member and one female member of the graduating class who has

compiled the most outstanding record in athletics, scholarship and leadership. Eligible student recipients must have participated a minimum of two years in a sport sponsored by a member institution. TWU's recipient this year is Chantelle Clegg (volleyball).

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NEWSBRIEFS

Information and news about activities, programs or TWU people may be sent to Ann Hatch (public information), editor, either through campus mail or by e-mail to s_hatch@twu.edu. The weekly deadline to receive information is Tuesday at 5 p.m. for the following week. Student information for the "People" section is not published unless it is submitted by or in conjunction with a faculty member and that faculty member's related activities.

A self-defense seminar -- RAD (Rape Aggression Defense) -- will be taught by the TWU department of public safety during six classes in June. The seminar, scheduled from 5:30 to 8 p.m. in room 325 of Pioneer Hall, will be held June 16, 17, 18, 23, 24 and 25. The cost to attend is \$15 per person for the entire seminar; reservations are requested, but walk-ins will be welcomed. The program is open to members of the campus and local communities; it will be taught by Officer Elizabeth Pauley. For details or reservations, call Pauley at 8-1-2915.

Reminder: All faculty are asked to mark their calendars now for the university's annual Faculty Development Day on Tues., Aug. 25. Dr. Clay King (nutrition and food sciences) is coordinating the one-day program; details will be printed in *TWU Update* as they are available.

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NEWSBRIEFS, *continued*

The Pioneer Cafe will offer all-you-can-eat traditional dining this summer during the following days and times: lunch -- Monday through Friday, 11 a.m. to 1:30 p.m. or Saturday and Sunday brunch from 10:30 a.m. to 1:30 p.m.; dinner -- Monday through Friday, 4:30 to 6:30 p.m. or Saturday and Sunday from 5 to 6:30 p.m. The **Garden Room** will be open Monday through Thursday from 7:30 a.m. to 7 p.m.; Friday from 7:30 a.m. to 2 p.m.; Saturday from 8:30 a.m. to 2 p.m.; and Sunday, closed. Both facilities are operated by Sodexho-Marriott food services.

Reminder: Discovering more about learning disorders is the focus of a study directed by Dr. Daniel Miller (psychology and philosophy). The ADD/ADHD/CAPD Research Project will involve testing youngsters who may have a learning disability and gaining a greater understanding of attention deficit

and related disorders. Most testing will be done in Denton; however, satellite testing may be arranged at other metroplex sites. The cost is \$20, which covers materials used, and participation will involve approximately four to five hours. Parents will answer questions as children complete tasks in the areas of audiometric hearing sensitivity, and behavioral, intellectual, academic, emotional and neuropsychological testing. For more information or to volunteer for this study, contact Miller at 8-1-2289 or visit the website at www.customforum.com/adhdresearch and click on "message board."

CPR and first aid classes will be held on Fri., June 19, in SC 110. Adult CPR is scheduled from 8 a.m. to noon, and first aid will be taught from 1 to 3 p.m. Either class is \$15 per person, and all classes are limited to 10 persons. Call 8-1-2924 to register.

Reminder: TWU's outdoor pool opened on June 1. Children's swimming lessons will be offered beginning June 8. For details, call the Wellness Center at 8-1-2900 now or the outdoor pool at 898-2902 after June 8.

A course titled "Introduction to PowerPoint 97 for the PC" will be offered by the office of information technology services on Fri., June 19, from 8:30 a.m. to 4 p.m., SC 206. To register, call 8-1-3249; classes are limited to 12 participants but have a minimum of 10 persons to make.

Reminder: Donations requested....The TWU gymnastics team is looking for donations of any exercise equipment people might have, including stationary bikes, riders or treadmills. "If your exercise equipment is collecting dust or doubling as a clothes rack, you can clear some space in your home by donating it to the TWU gymnastics team," said Frank Kudlac (kinesiology/ intercollegiate athletics). Equipment pick-up service can be arranged; call Kudlac at 8-1-2384 for details.

The TWU board of regents will hold its quarterly meeting on June 25 and 26 in Denton. Committee meetings will begin on Thursday at 1 p.m., ACT 16, and will continue at the same location beginning at 9 a.m. on Friday. The regents will hold their public meeting that afternoon at 1:30 p.m., ACT 16. For details, call the general counsel's office at 8-1-3250.

Reminder: The TWU Community Dance/Physical Conditioning Center will offer a physical conditioning mat work exercise class, based on the Pilates method, June 2 through Aug. 11. The 10-week course is \$100 for 10 classes, which will be held in DGL studio 210 on Tuesday evenings from 6 to 7 p.m. A free demonstration class will be offered on Tues., June 2 (same time and location); interested persons may register at that time. For details, call the TWU department of performing arts programs in dance at 8-1-2086.

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NEWSBRIEFS, *continued*

The TWU supply storeroom now sells bond paper in letter-sized dual-purpose copy paper, and there is no limit on the quantity ordered. Interested offices can order copy paper (#4 bond, dual purpose, suitable for high-speed copiers/ink jet and laser printers, fax machines and offset printing) as follows: 645-10-21015-2 for 8 1/2 x 11 inch, white, 500-sheet ream, for \$2.44 per ream; 645-10-21016-0 for 8 1/2 x 11 inch, white, case (10 reams per case), \$21.10. Call the supply storeroom with questions.

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UPDATE ON TWU PEOPLE

Professor emerita Dr. **Don Michel** (performing arts, music) was the keynote speaker for a music therapy symposium held May 7 at Shenandoah University. The symposium focused on music therapy applications for various population groups, and the event was held in conjunction with "The Healing Touch of Music," sponsored by the Healing Arts Council of the Shenandoah Valley, Winchester Medical Center and SU. Aside from delivering the keynote address, Michel also participated in a panel discussion on music therapy in musical settings.

Sympathy is extended to the family of **Ruth Whipple Pershing**, former dean of the TWU School of Occupational Therapy, who died on Sat., May 16, at Harbors Health Care Facility in Douglas, Mich. Services were held on May 19 in Saugatuck, Mich., followed by burial in Riverside Cemetery. Pershing began her teaching career at TWU in 1957; she taught through 1960 and returned as director of the School of Occupational Therapy from 1961 to 1981 and served as dean from 1981 to 1982, when she retired. During Pershing's tenure, the master of arts and master of OT programs were approved (1969); the OT clinic was established (1975) and outreach OT services to the public began (1976-77); the OT center in Houston was established (1962) and in Dallas (1970). Pershing was an honorary life member of the Texas Occupational Therapy Association, and she established the Louis A. Leavitt Endowment Fund, which provides annual scholarships in OT for student enrolled in the program.

Dr. **John Calabrese** (visual arts) will display pencil drawings in a show titled "Mood Images" at the Atlantic City (N.J.) Art Center July 5-28. A private reception is scheduled in that location on the Garden Pier on Fri., July 10.

Sympathies are offered to **Cathi Gordon** (institutional research and statistics), following the death of her father, Clyde S. Conover, of Tallahassee, Fla., who died on Wed., May 20. Services were held at Oakland Cemetery on May 23.

Dr. **John Radcliffe** (nutrition and food sciences, Houston) co-authored a paper with Dr. **V. Imrhan** (nutrition and food sciences), titled "Nutritional Composition and Sensory Evaluation of Baked Goods

Containing Amaranth," which was presented during the annual meeting of the Texas Dietetic Association in Dallas. Radcliffe also co-authored two papers with TWU nutrition faculty from Denton; their work was presented during the annual meeting of the American Society for Nutritional Sciences, held in San Francisco. The first paper, "Serum Lipids in Rats Fed Diets Containing Either 10 Percent Cottonseed Oil or Corn Oil," was co-authored with Dr. **Clay King**. The other article, "Effects of Feeding Soybean Protein and 13-cis Retinoic Acid on Serum and Hepatic Lipids in Rats," was written with Imrhan.

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TWU PEOPLE, *continued*

A poster by Dr. **Terrie Reeves** and Dr. **Kelley Moseley** (health care administration, Houston) was accepted for presentation by the Association of University Programs in Health Care Administration. The poster, titled "Developing Resumes While Building Individual Web Pages in Leadership and Career Development Class," was done to encourage health care administration students to develop their own Web pages.

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THE NEXT TWO WEEKS AT TWU: JUNE 1 - 14, 1998

June 1-4

- Baker's Dozen open 8 a.m.-2 p.m.

June 1-5

- Blagg-Huey Library open 7:30 a.m.-6 p.m.; bookstore open 7:30 a.m.-6 p.m.; Wellness Center open 6 a.m.-10 p.m.

Tues., June 3

- HR: "Accounting Operating Statements Workshop," Library 101, 10:30 a.m.-noon.

Fri., June 5

- Summer meal plans begin at dinner; Garden Room opens at 7:30 a.m. and Pioneer Cafe opens at 4:30 p.m.

Sat., June 6

- Blagg-Huey Library open 9 a.m.-6 p.m.; bookstore closed; Wellness Center open 8 a.m.-6 p.m.

Sun., June 7

- Blagg-Huey Library and bookstore closed; Wellness Center open 1-6 p.m.

June 8-12

- Blagg-Huey Library open 7:30 a.m.-9 p.m.; bookstore open 7:30 a.m.-6 p.m.; Wellness Center open 6 a.m.-10 p.m.

Mon., June 8

- Classes for Summer I and III begin.
- HR: "Payroll Workshop," Denton/Dallas/Houston videoconference rooms, 10 a.m.-12:30 p.m.

Tues., June 9

- Flute concert with Walfrid Kujala, free, MJPH, 8 p.m.

Wed., June 10

- Personnel changes for July 1 payroll due in human resources, 5 p.m.

Thurs., June 11

- HR: "Conflict Resolution Skills," Houston, MGJ 928, 1-4 p.m.

Sat., June 13

- Blagg-Huey Library open 9 a.m.-6 p.m.; bookstore closed; Wellness Center open 8 a.m.-6 p.m.
- Parkland/TWU Nursing School Alumni Association annual meeting and luncheon, ED218.

June 14-26

- ACES Camp (grades 8 through 11)

Sun., June 14

- Blagg-Huey Library open 2-9 p.m.; Wellness Center open 1-6 p.m.

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