

TWU DIRECTOR RECEIVES NATIONAL AWARD

With an expression of disbelief and several tears, TWU faculty member Cathy Banks (mathematics and computer science) learned last week that she has been singled out nationally for efforts to promote science and mathematics among girls and young women. Banks, who directs the TWU Science and Mathematics Center for Women, is one of only two recipients nationwide of the Maria Mitchell Women in Science Award for 2000. The award recognizes an individual, program or organization that encourages the advancement of girls and women in the natural and physical sciences, mathematics, engineering, computer science and technology. Usually, an award of \$10,000 is given to one person or group; this year, a private donor provided enough funds to give \$10,000 to Banks and another winner.

Banks, who will fly to Nantucket this fall to receive her award, kept repeating, "Oh, my God! Oh, my God!" as the details were revealed by the center's project coordinator, DeAnna Taylor, who -- along with Dr. Lynda Uphouse (biology) and Dr. Carlton Wendel (chemistry and physics) -- nominated Banks for the honor. In her letter of nomination, Uphouse said, "What truly makes Ms. Banks special and deserving of the Maria Mitchell Women in Science Award is that she touches the future. She does not seek recognition or reward for herself, but she does want young women to have the opportunity to be successful in the future. Thus, it is toward the future that she strives, and it is a future generation that she touches."

Wendel added, "Cathy was not only the spark plug to get the (Science and Mathematics) Center going; she has been the dynamo to keep it functioning. I have known no other person who has the focus, dedication to an idea, organizational skills and energy to successfully move a project from an idea to a successful, fully functional program."

Maria Mitchell (1818-1889) was the first woman astronomer and first woman astronomy professor in the United States. The Maria Mitchell Association believes that the most important legacy Mitchell left was the vision and quality of education she gave to her students. The generations of students she trained during her 23 years at Vassar College made an enduring contribution to the progress of women in all fields of science. A teacher, mentor and role model, Mitchell epitomized the full measure of what a

woman scientist could be. Previous recipients include the Women in Engineering Program at Purdue University in 1998; and the Graduate Research Program for Women at Bell Laboratories and Lucent Technologies in 1999. The first award was presented in 1997 to several persons who were closely affiliated with the Maria Mitchell Association: Dr. Henry Albers, Edith Andrews, Eileen McGrath and Dr. Dorrit Hoffleit.

Banks has served as director of the center since it started in 1986; she created ACES (Access to Careers in the Sciences) camps in 1988. She has been a mathematics teacher since 1973, teaching nine years in middle and high school and more than 15 years at the university level. She also directed the TexPREP program (Texas Prefreshman Engineering Program) at TWU, and she initiated the TWU Science Fair. Banks, who serves as coordinator of the "Expanding Your Horizons" conference, thanked faculty members, staff and students for their support and for the surprise party on Thursday, where she learned about her national award.

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JULY "PROFESSOR'S CORNER" SET

The "Professor's Corner," presented by the Denton Public Library, will feature TWU faculty member Sandi Reynolds (English, speech and foreign languages) on Wed., July 12, from 7:30 to 9 p.m. at the library's south branch at 3228 Teasley Lane. Reynolds will discuss "Henry James' *The Turn of the Screw*," a short novel and one of the most famous ghost stories of all time by one of America's most important novelists.

"The program, which is free and open to the public, is part of a series of lectures that provide English professors and doctoral students with an opportunity to share their special interests with the general public through informal presentations that encourage discussion," said Dr. Stephen Souris (English, speech and foreign languages). Gatherings are held on the second Wednesday of specified months at the time listed above.

Manageable selections from the texts are available in photocopied form for take-home reading from the library's main and south branches one month in advance. For more information, contact Souris by phone at 8-1-2343 or by e-mail at ssouris@twu.edu.

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FACULTY RECEIVE GRANTS

A number of faculty members from TWU have received grants for research from state, federal and private agencies during the spring semester, according to Dr. Sondra Ferstl (research and grants). A list of recipients, awards and titles are listed below.

- *Dr. Elaine Trudelle-Jackson* and *Dr. Susan Smith* (Physical Therapy, Houston), \$1,800 from the Texas Physical Therapy Education and Research Foundation for "Effects of Exercise on Strength and Postural Stability in Patients Post Total Hip Arthroplasty," through Dec. 31, 2000.
- *Dr. Janice LaPointe-Crump* (performing arts, dance), \$1,050 from Dance Alloy for "The Dance Alloy Residency," spring 2000.
- *Dr. Micki Newman* (Nursing, Houston), \$15,000 from the Woman's Hospital of Texas for "The Impact of Touchpoints Training on Job Satisfaction," through Dec. 31, 2002.
- *Dr. Betty Adams* (Nursing), \$11,000 from Flow Healthcare Foundation for "TWU CARES: Expansion of Primary Health Care Services to Women and Children in Denton County," through Dec. 31, 2000.
- *Dr. Betty Protas* (Physical Therapy, Houston), \$74,079, a subcontract from the VA Center for Excellence/Houston on a grant from Veterans Affairs/Washington, D.C., for "Supported Treadmill Ambulation after Spinal Cord Injury," through Sept. 30, 2000.
- *Dr. Lynda Uphouse* (biology), \$398,905 from the National Institutes of Health for "MBRS Program at Texas Woman's University," through Feb. 28, 2001.
- *Dr. Michael Merchant* (chemistry and physics), \$8,100 from the Texas Higher Education Coordinating Board for "Oxidation of Host Site Amino Acids in Transmembrane Alpha Helical Peptides," through Aug. 31, 2000.

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GRANTS, *continued*

- *Dr. Delaina Walker-Batson* (communication sciences and disorders), \$150,000 from a subcontract from the University of Texas Southwestern Medical Center-Dallas on a grant from the Mobility Foundation for "Use of Neuropharmacology to Accelerate Recovery from Stroke," through Jan. 31, 2002.
- *Dr. Jean Pyfer* (Health Sciences), \$1675,906 from the U.S. Department of Education for "Preparation of Leadership Personnel," through Aug. 31, 2001.
- *Dr. Heather Conrad-Webb* (biology), \$96,480 from the National Science Foundation for "A

Polymerase Switch in the Synthesis of rRNA in Yeast," through July 31, 2001.

- *Dr. Betty Adams* (Nursing), \$61,000 from United Way of Denton County, Inc., for "TWU CARES -- United Way of Denton County, Inc.," through March 31, 2001.
- *Dr. Betty Adams* (Nursing), \$18,000 from the Denton County Commissioners Court for "Request for Funds from Denton County Commissioners Court for Personnel at TWU CARES for 1999-2000," through Sept. 30, 2000.
- *Dr. Brenda Phillips* (sociology and social work), \$5,000 from the National Science Foundation for "Post-Disaster Sheltering and Housing of Low-Income and/or Minority Groups (Supplement)," through April 30, 2001.
- *Dr. Lora Ann Neill* (family sciences), \$4,000 from Texas Tech University for "Development of Distance Education Courses for Family and Consumer Sciences Teacher Certification -- Methods and Management in Teaching Family and Consumer Sciences," through Aug. 31, 2000.
- *Dr. Joyce Armstrong* (family sciences), \$4,000 from Texas Tech University for "Development of Distance Education Courses for Family and Consumer Sciences Teacher Certification -- Family Resource Management," through Aug. 31, 2000.
- *Catherine Banks* (mathematics and computer sciences), \$74,982 from the Texas Higher Education Coordinating Board for "Geometry in the Classroom," through Sept. 30, 2000.
- *Dr. Maureen Simmonds* (Physical Therapy, Houston), \$5,000 from Ortho Biotech for "Fatigue, Function and Quality of Life in Patients with Cancer," through completion of project.

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ALUMS MAKE NEWS

TWU alumni continue to make both personal and professional strides in their careers and their lives. Several graduates were recognized this spring with leadership roles or awards in their professions. Each woman has made a special contribution to others; a list is provided below.

- **Dr. Ella Hunter**, who earned her master's degree in nursing from TWU, was one of three faculty members at Eastern Kentucky University who received the school's highest honor for teaching -- ECU Foundation Professorships for 2000, awarded annually by the ECU Foundation.

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ALUMS, *continued*

"The Eastern Kentucky faculty has earned its reputation for teaching excellence," said ECU President Bob Kustra. "Our commitment to student success is best illustrated by the fact that so many senior-level faculty members teach introductory courses and advise and mentor students."

Hunter is a professor of baccalaureate and graduate nursing; she joined the ECU faculty in 1987. She earned her bachelor's degree from Oklahoma Baptist University and her doctorate from Peabody College at Vanderbilt.

- **Dr. Carolyn Williams**, who earned her bachelor's degree in nursing from TWU, recently assumed the presidency of the American Association of Colleges of Nursing. Williams, who is dean and professor at the University of Kentucky College of Nursing, has served as AACN president-elect since 1998. As president of AACN, she will lead the programs and policy initiatives of the organization that is the national voice for university and four-year-college education programs in nursing -- the nation's largest health care profession. "AACN enters the 21st century with a rich record of leadership and innovations, and it is moving forward with a renewed commitment and new initiatives to enhance the role of baccalaureate and higher-degree nursing education in achieving the nation's health care goals," said Williams, who earned her master's degree in public health nursing and her doctorate in epidemiology from the University of North Carolina-Chapel Hill.
- **Billie Louise Jones**, who earned her bachelor's degree in English from TWU, recently won a crystal plaque and first prize in the short nonfiction category at the Houston Writers Conference this spring. Her essay, titled "Athlete Finishing a Jump," was a meditation on one of the bronze statuettes in the Metropolitan Museum's classical collection. Random House editor Jonathan Karp judged the contest. Jones, who also won second place in both the western fiction and horror categories, began writing as a teenager. She worked as a social service caseworker in New York City and Dallas, and she continued to write on weekends. Jones retired to Hot Springs, Ark., and is a member of the board of directors for the Hot Springs ARTS Center.
- **Dr. Ginger Frost**, who graduated from TWU in 1983, has been awarded a \$4,000 research stipend by the National Endowment for the Humanities. Frost, a history professor at Samford University in Birmingham, Ala., is using the award this summer to fund a research trip to Britain, where she will work on a book tentatively titled *As Husband and Wife: Cohabitation in Nineteenth-Century England*. During her eight-week trip, she is conducting research in London and at Lancaster and Oxford universities. She also is presenting a paper at Oxford Brookes University on the topic "'Repentance, but No Absolution': Eleanor Marx, Free Unions and the Men's and Women's Club." Frost earned a master's degree from Louisiana State University and a doctorate from Rice University; she has been a member of the faculty at Samford since 1996.
- **Dr. Corina Gardea**, a 1975 graduate of TWU, is the new executive director of educational partnerships for the Dallas County Community College District. Gardea, who majored in dental

hygiene, previously served as DCCCD's Rising Star Scholarship program. She will continue to oversee the Rising Stars program, and she also will be responsible for community development, educational partnerships with business and industry, and alliances with K-12 and university systems. In its first year of existence, the Rising Star program granted 693 two-year, full scholarships to southern Dallas County high school students who graduated in the top 40 percent of their class and had financial need. The program is funded by a \$32 million endowment. "Rising Star would not have been the success it is without Dr. Gardea's excellent leadership as director of the program," said Betheny Reid, executive director of the DCCCD Foundation, which has raised more than \$10 million of the \$32 million needed to endow the program.

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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 AHatch@twu.edu. The weekly deadline to receive information is 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.

TWU Update is posted biweekly online during the summer months; the deadline to submit items is every other Tuesday at 5 p.m. for the following week. Questions? Call Ann Hatch at 8-1-3456.

Reminder: Several TASP-related activities are scheduled this summer. The TASP test will be administered on Sat., July 22, in Denton; consult the TASP registration bulletin for details. The Quick TASP test will be administered at TWU on Thurs., Aug. 24, at 8 a.m., CFO 202. Interested students can register to pay at the door (\$29) by calling 8-1-3950, the office of academic support services at TWU.

The TWU safety office will offer two courses on July 12: "Workplace Violence," SH 402, 10 to 11:30 a. m.; and "Infant and Child CPR," SH 402 1-3 p.m. The CPR course requires a \$15 fee. For information, call 8-1-3130 or send e-mail to cwilliams@twu.edu to register.

Dr. Ann Stuart (president's office) announced in a recent e-mail memorandum to the campus community that the School of Library and Information Studies and the College of Education and Human Ecology were merged in June; Dr. Keith Swigger (Library and Information Studies) will serve as dean of the new unit, and Dr. Michael Wiebe (Education and Human Ecology) will return to the faculty on Sept. 1, 2000. The new academic unit has not been named to date, according to Swigger. "As we close the search committee for the dean of the College of Education, I wish to thank Dr. Janette Schkade (Occupational Therapy), chair, and her committee for their work and efforts in this search," said Stuart.

"I would also like to thank Dr. Michael Wiebe for the fine work he has done in the College of Education and welcome him back to the classroom."

Please note: As work progresses on the construction of an external fire escape on the Classroom Faculty Office Building, a safety fence has been erected on the west side of the building near Redbud Lane. The fence extends south, beyond Old Main. Persons who have classes and business in Old Main should use the south and east entrances; access to CFO is open on the building's east side, facing Bell Avenue.

All benefits-eligible staff and faculty are advised that annual group insurance and Texflex program information will be sent by campus mail as soon as it is received by the department of human resources. A printing delay at the Employees Retirement System of Texas prevented campus distribution on June 30, as previously planned. Anyone who has questions should call the department of human resources at 8-1-3554, 8-1-3518 or 8-1-3552.

The TWU volleyball team has been picked to finish fourth in the Lone Star Conference preseason poll, voted on by coaches, sports information directors and media representatives. Cameron University again is expected to finish first in the north division, followed by Central Oklahoma and Texas A&M University-Commerce. TWU is followed by Midwestern State University and Southeastern Oklahoma State University

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UPDATE ON TWU PEOPLE

Please submit "People" items (faculty and staff only) to Ann Hatch in public information by campus mail or by e-mail to AHatch@twu.edu. Include first and last names (no initials, please) and appropriate titles (ie. Dr.).

Dr. **Reginald Rezac** (Management) has written a course of study based on the income tax changes due to the "Tax Relief and Extension Act of 1999." The course will be offered online and will be available for CPAs to take for professional continuing education units. MicroMash, a Harcourt professional and corporate development company of Denver, Colo., produced the course, and it is part of the organization's offerings.

Dr. **Kathryn Peek** (Institute for Women's Health, Houston), **Linda Cashman** (nutrition and food sciences) and Dr. **Robin Britt** (Nursing, Houston) were interviewed recently by reporter Dave Fehling for Houston's channel 11. The story focused on Hispanic women and health, which included information

from Peek's publication, *Women's Health in the Greater Houston Area: A Status Report*, which was funded by the Greater Houston Women's Foundation.

Dr. **David Yeomans** (performing arts, music) is the author of a new paperback work titled *Bartok for Piano*, published June 30, 2000, by Indiana University Press. The text features a chronological listing of more than 400 pieces and movements. The convenient format presents essential information about each of Bartok's solo piano works, including its various editions, timing, levels of difficulty, pertinent remarks by the composer and bibliographical references. *American Music Teacher* says, "(The book) is detailed and thorough, a wealth of information. David Yeomans deserves our thanks for a job exceedingly well done."

Dr. **Rudy Rodriguez** has returned to administrative duties in the College of Education and Human Ecology as associate dean. He previously served as executive assistant to the president for community relations and diversity. "While serving in that capacity, Dr. Rodriguez initiated many programs and activities to increase minority representation and participation in the university community," said Dr. Ann Stuart (president's office).

Dr. **Mahmoud Sadri** (sociology and social work) is the author of a new book, *Reason, Freedom and Democracy in Islam: Writings of Abdolkarim Soroush*, published by Oxford University Press.

A number of faculty, staff and students from TWU attended the annual meeting of the American College of Sports Medicine in Indianapolis, Ind.: Dr. **Charlotte "Barney" Sanborn** and Dr. **Nancy DiMarco** (Institute for Women's Health); Dr. **Betty Protas** (Physical Therapy, Houston); Dr. **Vic Ben-Ezra** and Dr. **Kyle Biggerstaff** (kinesiology); kinesiology doctoral students **Marianna Horea** (Institute for Women's Health), **John Smith** and **Scott Clark**; and master's student **Rachel Geik** (exercise and sports nutrition/Institute for Women's Health).

Sanborn chaired a slide presentation session on "Osteoporosis with Other Conditions," and she co-chaired the symposium on "Mechanical Loading of Bone: Bridging the Gap Between Animal and Human Studies." She also was elected chair of the Strategic Health Initiative for Women, Sport and Physical Activity for 2000-2001. Protas was appointed chair of the subcommittee of the Strategic Health Initiative for Women, Sport and Physical Activity, which was created under the direction of the board of trustees to fulfill the goals and mission of the ACSM.

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Sanborn and Horea participated in the BONE (Bone, Osteoporosis Network Exchange) interest group; DiMarco worked on the nutrition interest group; and Biggerstaff was appointed treasurer of the Texas chapter of ACSM.

Several research sessions were presented by TWU faculty and students: "Prediction of the Change in Insulin Response Following Acute Aerobic Exercise" by Drs. **Cathy Jankowski**, Ben-Ezra and **David Nichols** (Institute for Women's Health); "Effects of Moderate-Fat Diet on Endurance Time to Exhaustion and Physiological Adaptations in Male Sprague-Dawley Rats" by DiMarco, **Matt Samuels**, **David Criswell** and Dr. **Harold Aukema** (nutrition and food sciences).

During a poster session on exercise testing and training in persons with chronic disease and disability, TWU presenters **John Smith**, Nichols, **Jonie Feller**, Clark, **Keller Greenfield** and Dr. **John Duncan** discussed "Comparison of Metabolic Variables Between Hypertensive Men and Women." During the same session, TWU representatives Clark, Smith, Feller, **Anna Love**, Ben-Ezra, Greenfield and Duncan presented "Differences in Metabolic Variables Between Two Different Groups of Middle-Aged Hypertensive Adults."

During a poster session on muscle pain and injury, TWU presenters Protas, **D. Santiago**, Dr. **Maureen Simmonds**, **M. Bonnin** and **M. Santiago** discussed "Exercise Capacity of Individuals with Chronic Low Back Pain." A poster session on bone density in girls and young women was the focus of research, "Speed Versus Endurance Performance Evaluations in Competitive Athletic Youth: Age and Gender Related Comparisons" by **M. M. Nasca** and Protas. Finally, a poster presentation on bone density included TWU presenters Horea, Nichols and Sanborn about "Bone Mineral Density, Body Composition, Diet and Bone Markers in Mexican-American Women.

Dr. **Philip Yang** (sociology and social work) is the author of a new book as well, *Ethnic Studies: Issues and Approaches*, a reader that was published by Kendall/Hunt.

Sympathies are extended to the family of Dr. **E. Ray Griffin**, following his death earlier this spring. Griffin, who retired from the government faculty at the University of North Texas, served as an adjunct instructor in the TWU department of history and government until ill health forced him to retire in 1996. During his tenure at TWU, he was director of the internship program and cooperative education students in his academic department. Four of his five daughters -- Martha, Beverly, Mary and Becky -- attended the TWU Demonstration School (now the Child Development Center). A Texas native, Griffin earned his bachelor's and master's degrees from UNT (then North Texas State College) and his doctorate from Duke University; he also served as an aviator during World War II and as an officer in the reserves.

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THE NEXT TWO WEEKS AT TWU: JULY 3 - 16, 2000

Mon., July 3

- Library open 7:30 a.m.-10 p.m.; bookstore open 8 a.m.-6 p.m.; Wellness Center open 6 a.m.-10 p.m.

Tues., July 4

- Independence Day: no classes; campus closed.

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CALENDAR, continued

July 5-6

- Library open 7:30 a.m.-10 p.m.; bookstore open 8 a.m.-6 p.m.; Wellness Center open 6 a.m.-10 p.m.

Wed., July 5

- Last day of classes for summer I.

Thurs., July 6

- Final exams for summer I.

Fri., July 7

- Library open 7:30 a.m.-9 p.m.; bookstore open 8 a.m.-6 p.m.; Wellness Center open 6 a.m.-10 p.m.

Sat., July 8

- Library open 9 a.m.-6 p.m.; Wellness Center open 8 a.m.-6 p.m.

July 9-21

- ACES camp, grades 6 and 7.

Sun., July 9

- Library open 2-10 p.m.; Wellness Center open 1-6 p.m.

July 10-13

- Library open 7:30 a.m.-10 p.m.; bookstore open 8 a.m.-6 p.m.; Wellness Center open 6 a.m.-10 p.m.

July 10-27

- College for Kids.

Tues., July 11

- Classes begin for summer II.

Wed., July 12

- Safety course: "Workplace Violence," SH 402, 10-11:30 a.m.
- Safety course: "Infant and Child CPR," \$15, SH 402, 1-3 p.m.
- Professor's Corner: featuring Sandi Reynold (English, speech and foreign languages), free, Denton Public Library South, 7:30-9 p.m.

Fri., July 14

- Library open 7:30 a.m.-9 p.m.; bookstore open 8 a.m.-6 p.m.; Wellness Center open 6 a.m.-10 p.m.

Sat., July 15

- Library open 9 a.m.-6 p.m.; Wellness Center open 8 a.m.-6 p.m.

Sun., July 16

- Library open 2-10 p.m.; Wellness Center open 1-6 p.m.

HAVE A SAFE, HAPPY FOURTH OF JULY HOLIDAY!!!

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