

President's Perspective

Good works:

Employees model spirit, call of serving others with year-round efforts.

November Focus

Walking the walk:

Baylor is stepping up in intentional ways to meet community needs.

Academic Agenda

From ants to arts:

Dr. Wilson's *Consilience* extends theory of socio-biology to...everything.

Last Glance

High-fivin' folks:

Employee Sports Program offers competition, camaraderie and good times.

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BaylorNews

Monthly News for the Baylor University Community



In seeking to fulfill their calling to serve the community, Baylor volunteers are making an impact, while changing lives one step, one nail, one can of food, one delivered meal, one gift-wrapped present at a time.

By Vicki Marsh Kabat

Bring in the canned food and lace up the sneakers. Baylor faculty, staff and administrators are showing they not only can talk the talk when it comes to community service, they can — quite literally — walk the walk.

Whether it's donating canned goods for the local food bank or stepping out in a Saturday

walk to raise funds for a national health organization, Baylor employees are joining students to show their commitment to service.

"Baylor has conveyed that ethic of service throughout the years, but we're more intentional about it now," said Dub Oliver, director of student activities, the office that coordinates campus community service opportunities.

That emphasis is stated in the University's mission statement, which reads, in part:

"Baylor seeks to fulfill its calling...in service to the community, both local and global." And, that mission is apparent across campus. Last year, students and staff amassed 90,000 hours in volunteer service in Waco, compared to 60,000

See "November Focus" on page 3

Chartered in 1845 by the Republic of Texas, Baylor University is the state's oldest continually operating institution of higher learning and is the largest Baptist university in the world. With almost 13,000 students and more than 600 full-time faculty, Baylor offers undergraduate, graduate and professional degrees through the College of Arts and Sciences, the Hankamer School of Business, the School of Education, the School of Music, the School of Nursing, the School of Engineering and Computer Science, the School of Law, the Graduate School and George W. Truett Theological Seminary. Baylor is consistently ranked among the top college values in the country by such publications as *Fisk Guide to Colleges*, *Princeton Review* and *Money* magazine.

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President's Perspective

Baylor responds to needs in the community

Several years ago when then-President George Bush called for “1,000 points of light” to embody the American spirit of volunteerism, he hit a chord nationally that has long resonated at Baylor University. It rang again last year when Colin Powell held the first Presidents’ Summit for America’s Future in Philadelphia, calling for our nation’s young people to make a difference in their communities by becoming involved in volunteer opportunities.

Locally, the city of Waco joined the refrain and held its first Central Texas Youth Summit this past fall, with more than 1,200 youth and adults working together to brainstorm and implement ways to make our community a better place in which to live. The energy, creativity and diversity that originated from that conference have found expression in exciting and encouraging ways.

Fulfilling its call

Baylor applauds this momentum and, as the University always has, commits itself to being a significant player in community service. So important is this initiative that it is written into the University’s mission statement. It reads, in part: “Baylor seeks to fulfill its calling through excellence in teaching and research, in scholarship and publication, *and in service to the community, both local and global.*”

How do we live out this calling? The Staff Council, a body of 36 representative employees from throughout the institution that acts as a liaison to administrators, is perhaps our most visible employee service organization. Each year, the council sponsors two major campuswide service projects, benefiting such organizations as Caritas, Central Texas Senior Ministry’s Meals on Wheels, the Advocacy Center for Crime Victims and

Children, and many more. Each Christmas, the council joins with other departments on campus to sponsor Santa’s Workshop, which provides hundreds of toys for economically disadvantaged children in our city.

The reality is, that for every visible “good work” on campus, there are countless others that go unseen. For every known faculty or staff member who delivers meals to homebound senior citizens on his or her lunch hour, there are many others who perform similar acts of compassion. For the ones we know who are active on the boards of service organizations and in church mission efforts, there are also those who serve quietly, seeking no recognition.

As employees of a Christian institution, the commitment of our faculty and staff to “doing unto the least of these” does not surprise me. It does, however, hearten and inspire me. More importantly, it inspires our students. If we expect the almost 13,000 young people at this University to become leaders “in service to the community,” it is imperative they see us model that commitment.

Students who work side-by-side with a faculty member digging a foundation for a Habitat for Humanity house build another kind of foundation that will remain with those students for a lifetime. The 300-pound defensive lineman who kneels beside his strength and conditioning coach to hand a 4-year-old child her only Christmas present learns that greatness is often found on one’s knees.

Throughout this year you will have many opportunities to become involved in campus service activities. I encourage you not to wait for



the established events. Be proactive in initiating new directives, either within a department or in conjunction with other departments.

How can Baylor help?

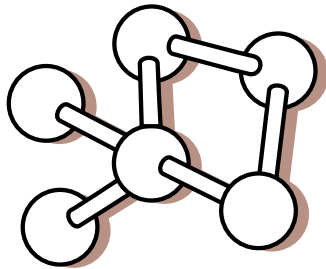
What needs are you aware of, and how can we as an institution help meet those needs? Discuss these ideas with your department head, who, in turn, can contact Melissa Prihoda in the student activities office. We are fortunate at Baylor to have an individual of Melissa’s integrity and compassion to coordinate our service activities. She works with more than 150 local service agencies and can provide you the direction you may need to make your dreams of helping others a reality.

Be assured the administration is supportive of your desire to be involved in community service work and will cooperate with you to provide approved time off so you can contribute in a hands-on manner. Careful study and consideration will be given in the near future to a recommendation that the University officially adopt a “time-off” policy for employee volunteer participation.

With the holiday season approaching, it is natural that our thoughts turn to helping others. Our challenge is to fan that flame of compassion continuously throughout the year.

Bioinformatics blends biology, computer skills

New undergraduate program prepares students for variety of career options



A major in bioinformatics also is an excellent choice for students wishing to pursue pre-medical studies, Tyrrell said.

“This program provides students with a wide variety of career options. In addition to preparing them for medical school, graduates can seek employment in the field of computer science as a computer programmer or systems analyst, or in the health field as a medical technologist. Other options include graduate studies in bioinformatics, biology or computer science,” she said.

Developed jointly by the biology and computer science departments, the major will feature interdisciplinary classes in computer science, biology, mathematics, chemistry and the liberal arts. A senior capstone course in database design and a summer internship at a genome sequencing site or a pharmaceutical company will be required for the 127-hour major.

Tyrrell said that Baylor is fortunate that two of the United States’ sequencing sites for the Genome Project — Baylor College of Medicine

and the University of Texas Southwestern Medical Center — are located near Baylor. Southwestern has agreed to provide internship opportunities for Baylor’s bioinformatics students.

“This major provides good exposure to other disciplines,” Tyrrell said, “but with classes in computer science and biology, plus 17 hours of chemistry and 12 hours of math, this is one of the more challenging majors offered at Baylor.

“However, a student who has a thorough understanding of the fields of computer science, biology and chemistry is now in great demand. Because the Human Genome Project will assist in the identification of new targets for drug discovery, pharmaceutical companies are eager to hire these people,” she said.

Bioinformatics job opportunities will not disappear once the genome mapping is complete, said Dr. Ben Pierce, professor of biology and associate dean for sciences in the College of Arts and Sciences. “Even when the genome is mapped, it will take many years to analyze the data. There also is DNA sequencing of other organisms taking place.”

Dr. Pierce said several students in his genetics class have expressed an interest in the new major, as have some of Tyrrell’s computer science students. Students who major in the new program do not necessarily need to go into bioinformatics.

“The beauty of this major is there are so many ways students can go after they graduate,” Tyrrell said. — *Julie Carlson*

Staff Council Leads Way in Promoting Service Projects for University Family

Continued from page 1

the previous year, said Melissa Prihoda, coordinator of community service at the campus.

One of the University's most recent united service efforts was the "Hart for Heart" Walk held in mid-September to benefit the American Heart Association. Co-chairs for the event were Clyde Hart, associate athletic director and head track coach, and his wife, Dr. Maxine B. Hart, professor of information systems.

Despite a drizzling rain, more than 100 Baylor employees and students participated, with many more pledging money, raising more than \$8,000 to help combat cardiovascular disease, said Marilyn Crone, vice president for human resources, who served as Baylor's team captain. The business school raised more than \$1,600 alone. Baylor also was "Rookie of the Year" and second in overall donations among participating institutions.

Overwhelming response

"I was overwhelmed," Crone said. "It was so encouraging to see the Baylor community respond to such a worthwhile cause in this way. Though the dollars were important because they do support such a valuable effort, I was impressed also with the enthusiasm and camaraderie of those who participated. It was tremendous."

One of Baylor's most-recognized service programs, Steppin' Out, is a biannual event during which volunteers work at neighborhood clean-ups, nursing homes, daycare centers and more. In its 13th year, Steppin' Out was held Oct. 31 and will be held again on March 27, 1999.

"Steppin' Out is our biggest student project, but we have faculty and staff who help with that, too," Oliver said, "and we'd like to see more get involved."

At last spring's Steppin' Out, Prihoda said 2,500 Baylor folks worked at 90 different job sites, with about 75 to 100 faculty and staff participating.

"We like to tell people who volunteer 'It's not just a day, it's a commitment,'" Prihoda said. "It's a springboard into a lifestyle."

It's a lifestyle that the University's Staff Council, a 36-member group

chosen by Baylor's vice presidents as liaisons to the administration, has embraced wholeheartedly, according to Marilyn McKinney, office manager of the religion department and chair of this year's council.

"I love doing this kind of thing and...Baylor is so good to allow us time to be a part of this," McKinney said.

The council sponsors a service project each semester, usually helping with Santa's Workshop in the fall and different projects each spring. Recently, the council voted to add a third project, probably during the summer. Last fall, the council collected 300 toys and \$900 for Santa's Workshop, which brings an early — and sometimes only — Christmas to local preschoolers from economically disadvantaged homes. It is sponsored jointly by the council, the Athletic Department, student activities and Baylor Dining Services.

The spring 1997 project was a canned food drive that netted 709 pounds of canned goods and \$784, which was split between Caritas and the Meals on Wheels senior nutrition program. This spring, the council collected \$3,525 — about \$1,500 more than the goal — toward renovating a child therapy room at the Advocacy Center for Crime Victims and Children.

"There has been a tremendous response. So many people seemed so willing to help with it," McKinney said of the project, in which some 150 to 200 staff participated.

Baylor also is involved in the Waco Independent School District's Adopt-A-School program. Baylor's official adopted school is University High, where Baylor faculty and staff are encouraged to lecture, tutor and sponsor clubs. Some departments on campus volunteer at other schools, as well.

The Athletic Department is active in community service with its Bears Who Care program, which sends Baylor athletes to middle schools throughout McLennan County to talk about self-esteem and drug abstinence.

Also, Baylor was the first university in the nation to have a campus-based Habitat for Humanity chapter, which celebrated its 10th year in 1997 with a house-raising that it funded.

Match interests with needs

The key to a good volunteer experience is matching one's interests to an individual's or agency's needs, Prihoda and Oliver said.

"A lot of times people have misconceptions about community service," Prihoda said. "There are so many people with so many talents, and they can use those to find an area where they can volunteer."

For example, an employee in the Information Technology Center could volunteer to set up a Web page or a graphic artist could design a newsletter. "There are dozens of non-profit agencies who would be thrilled for someone to do that for them," Oliver said. "It's not just picking up trash and stacking food."

Baylor's commitment to serving others carries over to its curriculum with the Civic Education and Community Service Courses (CCS), a



A Baylor athlete hands out gifts at Santa's Workshop.

program where faculty and students cooperate in service. CCS is an academic credit-granting program that is part of an expanding national movement to incorporate service learning into the classroom. Known as "experiential education," it combines in-class academic pursuits with selected service activities in appropriate community agencies.

One of first to offer CCS

Baylor began its CCS programs in 1989 and was one of the first universities in the nation to offer it, Oliver said. Currently, Baylor offers CCS courses with a focus on the following topics: local political participation, literacy instruction, adolescent mentoring, gender issues, local poverty, community law enforcement, peer education, working with at-risk children, multicultural issues, and city/municipal government.

"We try to match the needs of faculty and students with those of the



Faculty and students work side-by-side on Habitat projects.

community," Prihoda said. "It is just one way student life and academic affairs can work hand-in-hand to create meaningful academic experiences for the students."

Keeping track of how many people volunteer and how often is a challenge. "We know there's a lot more going on that either we haven't tracked or that people are doing on their own," Oliver said, citing examples such as serving on boards of non-profit agencies and involvement in church or neighborhood associations (*see sidebar below*).

Established programs such as Steppin' Out and Santa's Workshop are excellent ways for first-time volunteers to get involved, Prihoda said. "It's guaranteed you'll have a positive experience," she said.

The impact that Baylor volunteers have on the community is "tremendous," according to Dottie Wienecke of The Volunteer Center, a service of United

Way. For example, she cites a difference of 500 volunteer hours between a month when Baylor classes are in session to one when they are not.

Prihoda, a 1996 Baylor graduate, tries to live by her motto: "Be a friend to everyone and a role model to anyone." She accompanies volunteers to work sites at least once a month, and adds that she'd like to see increased participation by faculty and staff.

"It benefits the community, and it builds relationships when students see teachers as role models and see them in a different capacity," she said.

The call to serve, though, isn't just about the University mission statement or building relationships or even doing good works.

"As a Christian community, this is a witness to the world that we care about our local community, our state and our world and that we are serving it," Oliver said.

Want to Get Involved?

- Check the Volunteer Board in the Bill Daniel Student Center.
- Visit the Community Service website at www.baylor.edu/~Student_Activities/comsrv.html.
- Call Melissa Prihoda, community service coordinator, at ext. 2371.
- Encourage your supervisor to initiate a department project and volunteer to coordinate it.
- Contact your Staff Council representative to volunteer.

Let Baylor Know

How You're Helping!

Submit your community service activities (such as service on agency boards, volunteer projects, church or mission work, etc.) to Melissa Prihoda at P.O. Box 97074 and help us know how you're helping others.

PROFILERS

We are looking for the stories of a few good men and women. BaylorNews would like to begin a "Profile" series highlighting the good works, interesting hobbies or clever talents of our faculty and staff. If you have someone you would like to recommend for a Profile, please contact BaylorNews by campus mail at Box 97024 or e-mail to baylornews@baylor.edu. Submit the person's name, phone number and a brief summary of why you think this person would make a good profile. Thanks for your help.

Rogers Foundation gives \$2.5 million to seminary

Baylor President Robert B. Sloan Jr. announced a \$2.5 million gift from the Robert M. Rogers Foundation of Tyler for construction of a 550-seat chapel at the new George W. Truett Theological Seminary campus. The announcement was made during the annual Baylor Philanthropy Weekend banquet Oct. 16 at the Ferrell Center.

The chapel, which is part of a 53,000-square-foot, \$10 million Seminary complex that was approved by Baylor's Board of Regents in September, will be named for Paul W. Powell, a current member of the Baylor Board who serves as president and CEO of the foundation.

"We are not only grateful that this gift comes from the Rogers Foundation to fund construction of the chapel, but also that it honors their CEO, Paul Powell, one of our great leaders in Texas Baptist life," Dr. Sloan said.

Powell, a 1956 Baylor graduate and a former chairman of the University's Board of Regents, was pastor of Tyler's Green Acres Baptist Church for more than 17 years before being named president and CEO of the Annuity Board of the Southern Baptist Convention in 1990. He has been serving as a consultant to the Dallas agency since his retirement last October.

The Rogers Foundation is a private charitable foundation established by Robert M. Rogers for private education, religious purposes, and local philanthropy in Texas and Idaho. — *BN*

Thanksgiving meal set for international students

The Baylor Round Table will hold its annual Thanksgiving Dinner to honor international students and acquaint them with this American tradition at 6 p.m. Nov. 19 in the Barfield Drawing Room of the Bill Daniel Student Center.

President Robert B. Sloan Jr. will deliver a Thanksgiving message, and musical entertainment will be provided by the Heavenly Voices choir.

"Baylor University: Bridge to the World" is the theme of this year's dinner. The drawing room will be decorated with international flags, and a roll call of the nations represented by students at the dinner will be held. Round Table members also provide favors for the dinner guests.

At 8 p.m., all Baylor students are invited by the faculty to the annual Thanksgiving Worship Service at Miller Chapel in the Tidwell Bible Building. The Rev. Julie Pennington-Russell, pastor of Calvary Baptist Church, will deliver the sermon.

Call ext. 6979 for more information about the worship service. — *Elizabeth Harris*

Texas Supreme Court 'On the Road' at Baylor Law School

Century-old tradition ends as judiciary meets outside Austin

True to their goal of trying to "demystify" the judiciary, the nine justices of the Texas Supreme Court broke with tradition by convening at Baylor Law School on Sept. 28 — the first time the court has held proceedings outside Austin in more than a century.

Chief Justice Thomas R. Phillips, a 1971 Baylor graduate, said the court's decision to take to the road is essential in today's climate of rising public mistrust of institutions.

"The judiciary, in particular, has to rethink its role of saying, 'Trust us, we wear black robes...what we do is going to be the right thing,'" Chief Justice Phillips told Baylor law students. The justices have to reach out to the public and to "consider ever more carefully" ways to show how the process works, he said.

Amendment was first step

The first step in this campaign was the passage last year of a constitutional amendment allowing the justices to convene anywhere in Texas and giving the public more access to their deliberations.

Baylor's coveted selection as the first stop on the court's road show came after Law School Dean Brad Toben campaigned the justices even before the amendment was approved. The fact that Chief Justice Phillips and Justice Priscilla Owen (JD 1977) are both Baylor grads certainly didn't hinder his request, Toben said. Waco's proximity to Austin also helped, by

eliminating additional cost to the taxpayer.

The much-ballyhooed visit by the court of last resort for civil cases attracted a multitude of media representatives from all over Texas. With the Supreme Court's traditional restrictions on cameras and recording devices, however, many reporters had to rely on "pool" feeds supplied from the Law School's Wilford W. Naman Courtroom by still and video cameramen from Baylor's public relations office.

Some of the still pictures were available for downloading from the public relations' Web site. Live video feeds from the courtroom were relayed onto large screens in two classrooms at the law school used as "overflow" areas for the growing crowd of students and members of the public. More than 100 residents arrived in two buses from the Fort Worth suburb of Westlake to listen to one of the three cases before the court. At issue was a controversial matter involving the ouster of the Westlake mayor. The Westlake residents occasionally applauded as they watched the case on the classroom screens.

The other two hearings involved MCI Telecommunications Corp. *vs.* Texas Utilities



The justices hold court at Baylor.



Judge Raul Gonzalez arrives to media attention.

Electric Co. in a case dealing with right-of-way and third-party contract issues and American Home Assurance Co. *vs.* Billy Carl Stephens in a case focusing on public policy issues, contract interpretation and ethical questions.

At midday, the nine visiting justices were the guests of honor at a lunch in the Gregory Room at the Bill Daniel Student Center attended by a number of local judges and members of the judiciary.

Arrangements for the court's daylong stay at Baylor were made by associate law school dean Leah Jackson and everything went "as smooth as silk," according to Justice Raul A. Gonzalez, who has served on the court since 1984. "It's an historic day and I think it's very exciting for the court to come to Baylor to give the lawyers, the students and the staff an opportunity to see the court in action," Justice Gonzalez said.

The historic visit of the state's highest court was regarded as something of a "coup" by many law students. "It's a real honor and good experience for all of us to be able to see what we study everyday in progress," said Stephanie Wilson, a second-year law student from Hillsboro.

"This is something all attorneys aim to do — to have a case so important that they can get past the trial court level, past the appellate court level and get up to the Supreme Court level," said third-year Temple law student Jamey Secrest. — *Alan Hunt*

Center to Strengthen Families through Church

Garland to oversee effort to nurture faith, aid congregations

Families in Biblical times knew how to pass their faith from one generation to the next — they relied on the oral tradition.

Today's families, however, despite sophisticated communication tools, have a more difficult time doing the same. Helping churches develop family ministries to address this need is one of the most critical issues that faces churches today, said Dr. Diana R. Garland, professor of social work and newly named director of Baylor's Center for Family and Community Ministries.

"People perceive that families have lost the sense of community they need," Dr. Garland said. "The mission of the Baylor center will be to strengthen families and their communities and to increase their capacity for nurturing faith, through the ministry of congregations." Sponsored jointly by George W. Truett Theological Seminary and the social work program in the Department of Sociology, Social Work and Anthropology and in partnership with Louisville Presbyterian Seminary's Center for Congregations and Family Ministries, the Baylor center will provide services, research, model development and continuing education opportunities for church leaders and church agencies involved in family and community ministries. The center will hire an associate

director and a projects manager in the near future. It also will serve as the editorial office for the quarterly journal *Family Ministry*, a professional publication for congregations and church agencies that serve families.

Additionally, the Baylor center will sponsor an annual conference that explores various issues of family ministry. The inaugural conference, "Hand in Hand: Family, Church, Community," is scheduled for May 1999 and will focus on leadership for family and community ministries. In addition to presentations by five keynote speakers, the conference will feature 16 workshops on topics such as congregations as community centers, marriage enrichment, the spiritual development of children and elder care. Cost for the two-day conference, which will be held on the Baylor campus, will be \$120. It is for church leaders and the staff of denominational agencies who work with congregations and families.

Churches and denominational agencies appear ready and able to develop congregational resources for family ministry, but they need resources, continuing education opportunities and access to research to develop effective family ministries, Dr. Garland said.

"Academic institutions whose mission is to



Dr. Diana R. Garland

support education and research in a Christian context and to provide support for the ministry of congregations need to step forward to address this need themselves and to partner with denominational agencies," she said.

A grant of \$450,000 from Lilly Endowment Inc., an Indianapolis-based, private philanthropic foundation, will help support the center. The Lilly Endowment helps support the causes of religion, education and community development. It is the nation's wealthiest foundation with \$12.7 billion in assets. — *Julie Carlson*

The Grand Theory of Everything in E.O. Wilson's *Consilience*

Author extends not-quite-so-grand concept for sociobiology to account for all things, from ants to the arts

Dr. Larry Lyon

Dean of Graduate School and Professor of Sociology

One of the world's most renowned naturalists, Dr. E.O. Wilson, demonstrated the interdisciplinary nature of knowledge in his pioneering work on ants. Including research from biology, chemistry and mathematics, Dr. Wilson discovered that ants communicate largely through pheromones, secreted chemicals that can communicate complex messages. Ants, of course, do not learn to respond to these signals; it is part of their instinctual programming. Although this discovery of genetically based, chemically induced insect communication established Dr. Wilson's reputation in entomology in the 1950s, two decades passed before his interdisciplinary approach to knowledge led to his more famous and controversial contributions.

With *Sociobiology* (1975) and *On Human Nature* (1978), Dr. Wilson extended genetically determined behavior beyond insects, developing a theory of the genetic origins of *human* behavior often called "sociobiology," a term originally coined by Dr. Wilson. Social scientists defending their turf quickly attacked sociobiology, as did a chorus of leftist scholars who decried his work for resurrecting Social Darwinism. These attacks, on occasion, culminated in student protests when he spoke on campuses (similar to the more recent controversy over *The Bell Curve*). None of which appears to have bothered Dr. Wilson much. His career suggests that the controversies invigorate him, allowing further development of his positions by responding to his critics. In fact, many of his ideas have carried the day on the academic battlefield. The social sciences are no longer solidly in the "nurture" camp for the "nature *vs.* nurture" debate, and the natural sciences are now much more aggressive in pursuing the "nature" side of human behavior.

Wilson's grander visions

Dr. Wilson, however, has grander visions than merely extending our appreciation of the genetic contribution to human behavior —

much grander. Rather than a plea for more interdisciplinary research, he now envisions only one discipline — a singular, unified science that can explain everything "from the birth of the stars to the working of social institutions." Which brings me to his most recent and most provocative book, *Consilience* (1998).

I generally make it a rule not to read a book when I can't understand the title, but given the relevance of Dr. Wilson's ideas to my own discipline, the appearance of the book on numerous best-seller's lists, and a gift certificate to Barnes & Noble, I bought a copy of *Consilience*. My first step was consulting my personal dictionary and finding no reference to consilience — a harbinger of what was to come. Step two led to the graduate school's massive unabridged dictionary and the quaint definition of "jumping together" with no references of the word's use in the last 100 years. All of which should have reinforced my commitment to my original rule concerning book titles. By this time, however, I had been asked to submit a book for continuing education's "Dean's Book Review" series, and I could not imagine anything that would make a new dean seem more erudite than reviewing a book with such an obscure title.

Consilience is subtitled *The Unity of Knowledge* (the various disciplines and types of knowledge "jump together" to form one, unified science). Unfortunately, the book is not distinguished by its unity, resembling more a collection of articles. Chapters do not naturally segue from one argument to the next. Instead, they reflect Dr. Wilson's current thinking on whatever is

most important to him, *e.g.*, the relationship between religion and science or the threat of overpopulation to our ecosystem. Without exception, these "side trips" are interesting, but the book is difficult enough because of its ambitious goal; the reader is hardly helped by such a disjointed series of chapters.

The first half of this frustrating book extols the virtues of the Enlightenment and the scientific method. Dr. Wilson touts the natural sciences as the best examples of Enlightenment thinking, showing that all these disciplines are reductionist: The initially bewildering array of the universe's structures and movements can be reduced to mathematically elegant physical laws. In physics, the reduction goes down to the quark, in evolutionary biology, down to the gene, and so on. Had other disciplines followed this reductionist path, Dr. Wilson argues, their progress would have been greater. The social sciences and humanities all lag behind because of their unwillingness to acknowledge that what they study is "ultimately reducible, however long and torturous the sequences, to the laws of physics."

Movement toward consilience

The second half sets about showing us how the social sciences and humanities might become reductionist and join the great movement toward consilience. For example, Dr. Wilson believes psychology has achieved the most progress with its growing emphasis on the inherent reductionism of neuroscience. In a chapter titled "The Mind," we learn that "consciousness is the massive coupled aggregates of . . . participating circuits." Emotion is merely "the modification of neural activity that animates and focuses mental activity." Free will is a necessary "illusion" based on the "hidden preparation of mental activity." And, as psychologists move away from psychoanalysis — since, "to put it as kindly as possible," Freud "guessed wrong" — and toward neuroscience, their discipline will continue to progress.

For anthropology, hopeful signs emerge as cultural anthropologists lose their hegemony to biological anthropologists. While the biological anthropologists will continue to make important reductionist discoveries based on heredity and evolution, the cultural anthropologists will "align their scholarship with the humanities" and go "so far as to adopt the extreme post-modernist view that science is just another way of thinking."

For sociology, the outlook is dimmer since it "stands even farther apart from the natural sciences than anthropology." Sociologists stubbornly insist that culture is "irreducible to elements of biology and psychology," and is rather "the product of environment and historical antecedents." Sociology, more than any other discipline, "turns the intuitively obvious sequence of causation upside down"

with "the slighting or outright denial of a biologically based human nature."

Economics appears scientific with its sophisticated mathematical models, but "its similarity to 'real' science is often superficial." Nobel laureate Gary Becker's work is an example of unwisely accepting a rational choice model of human behavior. "Amazingly, despite overwhelming evidence against it, the great majority (of economists) still cling to the view that aside from meeting basic biological needs, people in modern societies make choices, in Becker's words, that 'depend on childhood, social interactions, and cultural influences.'"

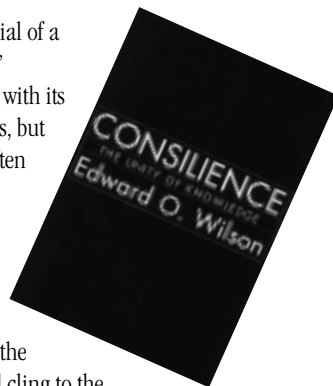
Dismisses philosophy, religion

Dr. Wilson dismisses philosophy and religion. "Philosophy, the contemplation of the unknown, is a shrinking dominion. We have the common goal of turning as much philosophy as possible into science." Similarly, religion is in decline. "The eventual result of the competition between the two world views, I believe, will be the secularization of the human epic and of religion itself." This is not a problem since "the true evolutionary epic, retold as poetry, is as intrinsically ennobling as any religious epic."

For the arts, Dr. Wilson claims that our artistic appreciation will be enhanced when we understand that "the arts are steered by inborn rules of mental development" attempting "to impose order on the confusion caused by intelligence." These inborn rules, Dr. Wilson speculates, are due to our "aesthetic instinct."

While the claims listed above border on absurd biological determinism, Dr. Wilson writes at two conflicting levels. One, as evidenced above, is strident, imperialistic and ensures media coverage. The other, which often follows in the next paragraph, is more temperate, acknowledging limitations and thus allowing his ideas to be more readily defended.

None of this, however, minimizes the importance of Dr. Wilson's thesis. Anyone who believes "this too will pass" need only remember how his earlier propositions about the biological basis for human behavior have taken hold in both the scientific community and the larger society. *Consilience* is an important book written by one of the finer minds of our time. It deserves close attention, if not always close adherence.



Dr. Larry Lyon

PAWS Makes Tracks with World-Class Effort

People Around the World Sharing (PAWS) is a new initiative of the Office of International Programs and of Beth Walker, adviser for campus and community involvement, that brings international and American students and professors together. PAWS, which began this fall, has three components for building relationships: correspondence through e-mail before students arrive, welcoming students upon arrival, and partnering American and international students once on campus, Walker said.

World Class, another aspect of the PAWS program, connects international students with professors to augment or complement classroom instruction, she said.

"It is an effort to better connect students with campus life and broaden students' educational experience as well," she said. "If any professor is interested in connecting with an international student, for example to just introduce their class to another culture, they may call me and I'll arrange it."

There are about 50 American students and 30 international students participating in the PAWS program, Walker said.

For more information, call Walker at ext. 4825. — BN

Research Gazette

Grant Awards (September)

Cassie Findley, Wellness, **Rosemary Townsend**, Health Services; \$308,059; Statewide Mentoring; Texas Commission on Alcohol and Drug Abuse

Annette Lindsey, continuing education; \$1,400; Scholarships for the Non-Profit Management Program; The Bernard and Audre Rapoport Foundation

Dr. Michael R. Hudec, geology; \$4,000; Field Work over the Crest of the Salt Valley Diapir, Utah; Burlington Resources

Dr. Maxwell E. Shauck, aviation sciences; \$400,000 addition to existing contract with the Texas Alternative Fuels Council; Texas Natural Resource Conservation Commission

Dr. Peter M. Allen, geology; \$15,000 addition to an existing cooperative agreement with the U.S. Department of Agriculture

Dr. Kyle V. Cole, journalism; \$6,000; Mayborn Scholar in Journalism; The Frank W. Mayborn Foundation

TOTAL AWARDS: \$734,459

Grant Proposals (September)

Dr. Robert P. Adams, Plant Biotechnology Center; \$30,000; Phase II: Conservation of Diversity of Vetiver Germplasm by the Use of DNA Fingerprinting — Evaluation of Selected Genotypes in Tropical Test Plots; Conservation, Food & Health Foundation Inc.

Dr. Mikeal C. Parsons, religion, **Dr. Heidi Hornik-Parsons**, art; \$72,161; Interpreting Christian Art; Luce Foundation
Laura Davalos-Lind, biology; \$18,656; John and Alice Tyler Scholarships for the Chapala Ecology Station; Alice C. Tyler Perpetual Trust

See "Research Gazette" on page 8

Family Circle

Congratulations to

Dr. Richard Duhrkopf, biology, and his wife, Debbie, on the birth of their grand-daughter, Audrey Adel Lippe.

Jim Trego, athletics, and wife, Tammy, on the birth of their son.

Susan Bowlin, catalog department, Moody Library, the libraries' "Staff Member of the Month" for September.

Doris Kelly, University marketing, and husband, Phil, who were recognized with Distinguished Service Awards by their church, Waco South Manor Church of the Nazarene.

With sympathy to

Frances Bond, access services, Baylor Libraries, on the death of her mother, Mrs. Ollie H. Culver.

Sheryl Salazar, interlibrary loan, Baylor Libraries, on the death of her mother, Joyce King.

Peggy Oliphint, interlibrary loan, Baylor Libraries, on the death of her aunt, Frances Black.

Linda Coon Cox, curriculum and instruction, and husband, **Dr. Joe Cox**, management, on the death of Linda's father, Aubrey Haynes.

Jo Wilson, DPS, on the death of her husband, J.R. Wilson.

Hilary Gardner, Institute for Oral History, on the death of her grandmother.

Dr. Rod O'Connor, environmental studies, on the death of his son.

The family of **Dr. E. Euell Porter**, emeritus professor of church and choral music, on his death.

Dr. Walter (Pat) R. Wortman Jr., professor emeritus of English, and wife, Liby, on the death of Liby's mother, Elizabeth Scott Covington.

Best wishes to

Sadie Linkous, mother-in-law of **Alice Linkous**, access services department, Moody Library, who is recovering from a stroke.

Evelyn Hupp, Hankamer School of Business, who had back surgery recently.

Dr. Thomas Charlton, vice provost for research and acting director for American Studies, who is recovering from surgery.

Send "Family Circle" or "Spotlight" items by e-mail to baylornews@baylor.edu or by campus mail to P.O. Box 97024.

Golden Wave Band Sets Scholarship Concert

Marching band fans can relive the halftime musical performances of the 1998 Baylor University Golden Wave Marching Band during its annual scholarship benefit concert at 8 p.m. Saturday, Nov. 14, in Waco Hall.

The 300-member band — the largest ever at Baylor — will perform selections from a number of popular movies.

Proceeds from the concert will benefit the School of Music scholarship fund and need-based scholarships. Tickets range from \$10 to \$100 for patron tickets. For information, call the Bill Daniel Student Center Ticket Office at ext. 3210.

Publications

Dr. Michael B. Frisch, professor of psychology and neuroscience, had an article titled "Quality of Life Therapy and Assessment in Health Care" published in *Clinical Psychology: Science and Practice*.

Dr. Jessie L. Tucker III (CPT), assistant professor of health care administration, has had an article titled "The Importance of Caring as a Determinant of Patient Satisfaction Among Active Duty Beneficiaries" accepted for publication in the November issue of *Military Medicine* (Vol. 163). Dr. Tucker and Dr. George M. Munchus III, professor of management at the University of Alabama at Birmingham, also co-authored an article titled "The Predictors of Quality Care" accepted for publication in the same edition.

Dr. Diana Kendall, assistant professor of sociology, has had released the second edition of her hardcover text titled *Sociology in Our Times*, published by Wadsworth Publishing Co. (1999). Additional publications include *Sociology in Our Times: The Essentials — Canadian Edition*, published by ITP Nelson (1998). Dr. Kendall is the sole author of the U.S. editions. Collaborators on the Canadian editions are Jane Lothian Murray and Rick Linden of the University of Manitoba.

Dr. Kristina M. DeNeve, assistant professor of psychology and director of undergraduate studies, and Harris Cooper of the University of Missouri-Columbia, had a co-authored article titled "The Happy Personality: A Meta-Analysis of 137 Personality Traits and Subjective Well-Being" accepted for publication in the September issue of *Psychological Bulletin*.

Dr. Janet E. Adamski, assistant professor of political science and assistant director of the International Studies Program, and **Dr. Linda S. Adams**, associate professor of political science, director of the Model United Nations Team and director of the International Studies Program, co-authored an article titled "Who Goes There — Friend or Foe? The Cold War and Its Implications for U.S. Relations in Europe and the Middle East." The article was published in *The Cold War and Its Implications: Locally, Nationally, and Internationally*, William H. Chambers, ed., Conference Proceedings: Los Alamos Historical Society and the University of New Mexico/Los Alamos, August 1998. They also co-presented the paper at the annual conference of the University of New Mexico/Los Alamos International History held Aug. 9-12 in Los Alamos, N.M.

Krassimira Jordan, professor of piano and Artist-in-Residence, has had several articles on historical studies of composers, analyses of their works, and instructional principles of piano playing accepted for publication in *Clavier*, the *American Liszt Society Journal*, and the *European Piano Teachers Association Journal of London*. Another article will be published soon in the *Texas Music Teachers Association Journal*.

Dr. John N. Jonsson, professor of religion, has had two books published, *Incarnation Mission Twenty One* and *Wisdom: Incarnation Religion*.

Dr. Greg Garrett, associate professor of English, has had a short story titled "Sins of the Fathers" accepted for publication in the 1999 edition of *Texas Short Stories*.

Dr. James A. Roberts, associate professor of marketing, lead author, and Cesar Sepulveda of

ITESM, Monterey, Mexico, had a co-authored article titled "Demographics and Money Attitudes: A Test of Yamauchi and Templer's (1982) Money Attitude Scale in Mexico" accepted for publication in *Personality and Individual Differences*, a psychology journal.

Dr. Elisabeth J. Teal, assistant professor of entrepreneurship, was the lead author of an article titled "Moral Reasoning Skills: Are Entrepreneurs Different?" that has been accepted for publication in *Journal of Business Ethics*. Co-author is Archie B. Carroll of the University of Georgia

Dr. Kevin J. Gutzwiller, associate professor of biology and environmental studies, **Heidi Marcum**, lecturer in environmental studies, and others had a co-authored article titled "Bird Tolerance to Human Intrusion in Wyoming Montane Forests" published in *Condor* (Vol. 100, pp. 519-527). Dr. Gutzwiller and Marcum, with K.L. Clements, C.A. Wilkins and S.H. Anderson, also had a co-authored article titled "Vertical Distributions of Breeding-season Birds: Is Human Intrusion Influential?" published in the *Wilson Bulletin* (Vol. 110, pp. 497-503).

Dr. W. Keith Hartberg, professor and chair of biology, **Dr. Richard E. Duhrkopf**, associate professor of biology, Kabkaew Sukontason and Jimmy K. Olson had a co-authored article titled "Organophosphate and Pyrethroid Susceptibilities of *Culex salinarius* Adults from Texas and New Jersey" accepted for publication in the December 1998 issue of the *Journal of the American Mosquito Control Association* (Vol. 14, p. 4).

Dr. John D. Martin, professor of finance and The Carr P. Collins Professor of Finance, had a co-authored article titled "An Analysis of the Product: Liability Costs Borne by Prescription Drug Manufacturers" accepted for publication in the summer 1999 issue of *Research in Finance* (Vol. 17). Co-authors are Daniel C. Malone and Karen L. Rascati.

Dr. Joseph D. White, assistant professor of biology, had a co-authored article titled "Assessing Simulated Ecosystem Processes for Climate Variability Research at Glacier National Park, U.S.A." published in *Ecological Applications* (Vol. 8, No. 3, pp. 805-823).

Kevin Cole, English teaching assistant, has had an article titled "Swift's Herculean Labors in 'A Digression Concerning Criticks'" accepted for publication in *The Explicator*.

Presentations & Participants

Gina C. Green, assistant professor of information systems, gave an invited presentation titled "Preparing for the Job Market" at the Information Systems Doctoral Students Association conference, sponsored by KPMG-Peat Marwick, held Aug. 14 in Baltimore, Md. She also gave an invited presentation on her doctoral thesis, titled "Examining the Impacts of Developer Involvement and IT Diffusion Environment on the Diffusion of Software Development Techniques" to the Software Engineering Institute of Carnegie Mellon University on July 1 in Pittsburgh, Pa.

Dr. Robert G. Collmer, emeritus distinguished professor of English, presented a paper titled "Francis Bacon, John Bunyan — and Delia Bacon! — on Holy War" at the second triennial conference of the International John Bunyan Society held Aug. 31-Sept. 4 at the University of

Stirling, Scotland. Dr. Collmer is a director of the society.

Dr. Charles S. Madden, vice president for University relations and The Ben H. Williams Professor of Marketing, gave the luncheon address at the summer educators' conference of the American Marketing Association held in August in Boston, Mass. Dr. Madden also made four presentations at the Association for Development and Alumni Professionals in Education conference held in September at St. Peter's College in Adelaide, South Australia. He spoke on "Marketing Research: Listening to Your Community," "Changing Demographics," "Sustaining Competitive Advantage: Understanding the Marketplace," and "The Global Picture: Between Population Trends and Non-profit Institutions."

Billie R. Peterson, associate professor and head of Library Outreach Services, moderated a program titled "The Internet: What's Your Policy?" at the annual conference of the American Library Association held June 28.

Dr. Jill C. Havens, assistant professor of English, presented a paper titled "Revoltin' Reactions: Literary and Chronicle Sources for Oldcastle's Uprising" for the White Hart Society at the international Congress on Medieval Studies held in May in Kalamazoo, Mich.

Dr. Roger E. Kirk, distinguished professor of psychology and statistics, director of the Institute of Graduate Statistics and Master Teacher, co-authored a paper titled "Properties of the ANOVA *F* Test as Applied to Ordered Categorical Data: A Simulation-based Study" at the annual meeting of the American Statistical Association in Dallas.

Dr. Marianna A. Busch, professor and chair of chemistry, attended a Project Kaleidoscope workshop on planning a biochemistry program Sept. 11-13 at Rice University in Houston. She also attended the Rocky Mountain Chemistry Chairs conference held Oct. 1-4 in Bellingham, Wash.

Dr. Wendy Allman, lecturer in the Baylor Interdisciplinary Core, and **Dr. D. Thomas Hanks Jr.**, professor of English, delivered papers at the New Chaucer Society Congress held in July in Paris, France. Dr. Allman's paper discussed *Knight's Tale* and Dr. Hanks's paper discussed "rough love" in the *Canterbury Tales*.

Dr. S. Kay Toombs, associate professor of philosophy, presented the ninth annual Women and Health lecture titled "Where Would *She* Like to Sit: The Personal and Societal Challenge of Chronic Illness and Disability" at Creighton University in Omaha, Neb. The paper was printed subsequently on the university's Web site. While there, Dr. Toombs also met with classes in the Department of Physical Therapy, with faculty who had read her book, *The Meaning of Illness*, and with an invited interdisciplinary group of faculty to discuss work in phenomenology and medicine. She also gave an interview to the *Omaha World Herald* and a public radio station.

Susan L. Dunkerley, assistant professor of photography, had five photographs included in an exhibition titled "Traditions Aside" held Oct. 1-25 at Mississippi State. Her work also was featured in the "Photographic Explorations" exhibition at the Photographic Center Northwest held Oct. 1-30 in Seattle, Wash.

Krassimira Jordan, professor of piano and Artist-in-Residence, is on sabbatical leave in Europe during the fall semester, with major concert engagements in Austria, Germany and Switzerland. These include performances with orchestra, solo recitals, lectures, and master classes in Vienna, Salzburg, Zurich and Munich. Her latest

Spotlight

compact disc recording, *The Legacy of Pantcho Vladigerov*, has been released by Albany Records.

▼
Dr. Chester R. Hastings, professor of educational administration, made a presentation titled “Scholars of Practice: A Unique Leadership Program for Working Professionals” to the annual National Innovations conference held June 30 in Dallas. He also made a presentation on “Historical Perspectives of the Junior/Community College” as part of Hill College’s 75th anniversary symposium held April 24.

▼
Dr. R. Duane Ireland, professor of management, associate dean for scholarship and The Curtis Hankamer Professor of Entrepreneurship, served as a facilitator for a session on strategic planning at Baylor’s continuing education program on “Excellence in Leadership and Management” held Sept. 17.

▼
Karl Umlauf, professor of art and Artist-in-Residence, recently won a cash award for his work, “ICON II,” which was shown at the annual Assemblage Exhibition held at the Fine Arts Exhibit Hall in the Dallas Public Library. Umlauf’s work also was included in an exhibit held at the Dallas Visual Arts Center called “Critic’s Choice.” Also, Umlauf had a solo exhibition Sept. 11 - Oct. 8 of 24 works in steel and wood, plus charcoal drawings, at the Harris Art Gallery in Houston. Presently, his works are in a curated exhibition titled “Texas Roots” at the Center for Visual Arts, Meadows Gallery, in Denton, and in a curated exhibition titled “Oil Patch Dreams” at the Museum of South East Texas in Beaumont.

▼
Dr. Steven L. Green, professor of economics, was the lead author on a co-authored article with **Dr. J. Allen Seward**, associate professor of finance and insurance, titled “Frequency, Cycles and Intensity in U.S. Earthquake Events, 1849-1996.” Dr. Green presented the paper at the 1998 joint statistical meetings of the American Statistical Association in August in Dallas. Dr. Green also presented a paper titled “Permanent Shocks and Transitory Innovations in Crude-Oil Prices: 1862-1997” with Knut Anton Mork at the annual conference of the Western Economic Association International held in July at Stateline, Nev.

▼
Dr. John N. Jonsson, professor of religion, read a paper titled “Societal Turbulence within the Process of Democratization in South Africa” at the International Association of University Presidents conference held Feb. 23 in Capetown, South Africa. He also took part in a global consultation on third epoch Confucian humanism with scholars held March 20-22 in Brisbane, Australia. Also, Dr. Jonsson read a paper and conducted workshops on “Central, East and Southeast Asian Mythology and Cosmology” at an Asian conference held March 23-27 in Thailand.

▼
Dr. J. Kevin Barge, associate professor of communication studies, will present two papers titled “The Competent Small Group Communicator Assessment Instrument” and “Leadership as the Management of Interdependencies” at the 84th annual meeting of the National Communication Association to be held Nov. 20-24 in New York, N.Y. Also presenting papers at that conference will be: **John R. Cunningham**, lecturer in communication studies, on “How Salary Communicates: Feedback in the Context of Major League Baseball;” **Dr. William E. Loges**, assistant professor of communication studies, on “The Effect of Pretrial Publicity on Trial Outcomes;” **Dr. Mark T. Morman**, assistant professor of communication, on “The Influence of Fear Appeals, Message Design and Masculinity on Men’s Motivation to Perform the Testicular Self-exam;” and **Dr. Mark B. White**, associate professor of communication studies, a legislator of the national

association who will be participating in several capacities at the conference.

▼
Dr. Mary L. Klingman, lecturer in English, presented “Please Give Us Something We Can Use! Second Language Acquisition Research and the Classroom” at the first conference of the Central Texas Association for Bilingual Education held Sept. 12.

▼
Dr. Mark Britt, assistant professor of chemistry, **Dr. Robert R. Kane**, assistant professor of chemistry, and **Dr. Kevin G. Pinney**, assistant professor of chemistry, presented research at the Baylor Biomedical Research Institute held Aug. 29 on the Baylor campus.

▼
Dr. Terry S. Maness, dean of the Hankamer School of Business and The Carr P. Collins Professor of Finance, attended the Dallas Executive MBA orientation held Aug. 19 and the continuous improvement symposium and a pre-symposium workshop of the American Assembly of Collegiate Schools of Business on “Assessment of Student Learning: Principles and Practices” held Sept. 13-15 in Dallas. Also attending the September workshop were **Dr. Reagan M. Ramsower**, professor of information systems and associate dean for technology, **Dr. John F. (Jeff) Tanner**, associate professor of marketing and associate dean for undergraduate programs, and **Dr. Linda P. Livingstone**, associate professor of management. Dr. Maness also gave a presentation titled “Teaching Short-term Financial Management” at the Financial Management Association’s meeting held Oct. 14-16 in Chicago.

▼
Patricia H. Nunley, associate professor of business law, co-presented a paper titled “Discriminatory Practices in the Pre-employment Process: An Empirical Investigation of Academia” at the annual meeting of the Academy of Legal Studies in Business held Aug. 21 in San Diego, Calif. Co-presenters were Mark. A. and Lorraine C. Serva.

▼
Dr. Nancy B. Upton, associate professor of management and The Ben H. Williams Professor of Entrepreneurship, made a presentation titled “Maintaining Competitive Advantage in Your Business” to the Family Business and Leadership Development Forum held Sept. 18 at the Market Alumni Center at Texas Tech University in Lubbock.

▼
Dr. Diana R. Garland, professor of social work, spoke on “Church Social Work” at a consultation workshop on church social work and social ministry held Oct. 12-14 at Concordia College, Moorhead, Minn. Dr. Garland also spoke on “Congregations and Families as Partners in Nurturing the Faith” at The Child in Our Hands Conference held Oct. 2-3 at Augsburg College, Minneapolis, Minn. She also will present a paper titled “Faith as a Dimension of Family Life: Quantitative and Qualitative Study of Diverse Family Systems in Four Denominations” at the Society for the Scientific Study of Religion Nov. 8 in Montreal, Canada. On Nov. 15, Dr. Garland will present a paper titled “Faith and Families in a Congregational Context” at the National Council for Family Relations in Milwaukee, Wis.

▼
Dr. Charles M. Garner, associate professor of chemistry, and **Dr. Kevin G. Pinney**, assistant professor of chemistry, conducted chemistry merit badge training for 40 Boy Scouts in October on the Baylor campus. They were assisted by **David Walsh** and **Matthew Lu**, graduate students, under the direction of **Dr. Gregory A. Benesh**, professor of physics.

▼
Dr. Fredrick R. Gehlbach, emeritus professor of biology, presented an invited paper titled “Eastern Screech Owls as Prognosticators of

Sublime Rhyme



Bennighof tickles ivories, children’s musical fancies

“The next to last line of my poem was done, and its ending was so sublime, but my masterpiece needed an exquisite end, so I went looking for a rhyme...”
(Oxford University Press, 1998)

With those whimsical words, Dr. James Bennighof sends the audience on the musical journey of a desperate poet in his recently published piece for treble choir, “Looking for a Rhyme.”

Dr. Bennighof, associate professor of music theory and director of academic studies, began writing the piece for treble choir when his daughter, Elspeth, now a freshman at Midway High School, was performing with the Waco Girls’ Choir in 1995.

“I was just looking for ideas, and I was struck with the idea of somebody going around desperately looking for a rhyme,” Dr. Bennighof said.

The images and the music came together. Once finished, he used a pseudonym and gave the song to then-Waco Girls’ Choir director Melanie Popejoy to read through with the choir. They “thought it was pretty neat,” Dr. Bennighof said, and it was only then that Popejoy told them that someone in the choir knew the writer of the song.

“Elspeth had no idea it was me, but she told them, ‘My dad knows some people who write music,’” Dr. Bennighof said. “It was a lot of fun to surprise her that way.”

The choir premiered the song at a concert in May 1997.

Dr. Bennighof, who has been at Baylor since 1984, has written eight pieces for treble choir, seven of which have been published or accepted for publication by Oxford University Press. He currently is working on pieces for mixed choirs. His first three publications include “Looking for a Rhyme;” “Mister MacAfee,” about an enigmatic figure who communicates musically with the sun, moon and stars; and “The Juggler,” the story of a dedicated young juggler who carefully learns a difficult routine that turns out to be the downfall of a would-be robber.

How did an expert in music theory become captivated by whimsical, humorous, even fantastical, children’s music?

“I think about different possibilities — the ‘What if it’s unexpected? What if it’s different?’ It’s always a series of images. I start with an attractive image and see where it goes,” he said.

Most of Dr. Benninghof’s work so far has been for children, and he admits to a desire to “open their minds” to new musical possibilities.

“I guess I do have a desire to make children more intrigued and captivated by music,” he said. “I use little games and unusual ideas and all kinds of things to get them excited and interested in music.” — *Vicki Marsh Kabat*

World Climate” at the annual meeting of the Raptor Research Foundation held Oct. 1 in Ogden, Utah.

▼
Dr. Wendy E. Sera, assistant professor of biology, and doctoral student, **Cathy Early**, attended the annual meeting of the American Society of Mammalogists held June 7-10 at Virginia Tech University in Blacksburg, Va. Dr. Sera presented a paper with co-authors **Sarah F. Brosnan**, a recent Honors Program graduate, **Tracy A. Carter**, a master’s student, and Amy J. Lybrand titled “Reproduction and Parental Care in Female-biased Groups of Prairie Voles, *Microtus ochrogaster*.” Also, Dr. Sera served as a judge for student presentations at the meeting. Dr. Sera and Brosnan also presented a paper titled “Male Mating Behavior in Female-biased Groups of the Prairie Vole, *Microtus ochrogaster*” at the annual meeting of the Texas Society of Mammalogists held Feb. 20-22 in Junction. She also presented a paper with Carter titled “The Effects of Female Relatedness on Paternal Care and Reproduction in Prairie Vole Groups” at that same meeting.

▼
Dr. Darrell S. Vodopich, associate professor of biology, and Sharon A. Conry presented an invited paper titled “The Effect of Nutritional Status on Lead Tolerance by *Daphnia magna*” to the Baylor University Summer Scholars Research Program held in July.

▼
Dr. Daniel E. Wivagg, professor of biology and director of undergraduate studies, attended the Templeton Workshop for Religion and Science held June 19-23 at the Chicago Center for Religion and Science.

▼
Dr. Greg Garrett, associate professor of English, attended the Perfect Words Writer’s Conference and the annual Pirate’s Alley Faulkner Society celebration held Sept. 23-26 in New Orleans.

▼
Dr. Owen T. Lind, professor of biology, presented a paper titled “Hypolimnion Oxygen Concentration and the Abundance and Size of Bacteria” at the 27th international Congress of Theoretical and Applied Limnology held in August in Dublin, Ireland. Other presenters at that meeting were **Laura Dávalos-Lind**, coordinator of the Chapala Ecology Station, who presented a paper titled “The Algal Growth Potential and Limiting Nutrient of 30 Lakes and Reservoirs of the Mesa Central of México” and **Martin Lopez**, research associate in the biology department’s limnology laboratory, who presented a poster titled “Experimental Assessment of Periphyton during Flood Discharge in a River Impacted by Dairy Industry Wastes.”

▼
Dr. Mary Ruth Smith, assistant professor of art education and fibers, had artworks selected for

See “Spotlight” on page 8



ESP scores with after-work athletes.

Slapping high-fives and improvising victory dances aren't the typical exchanges among coworkers, unless, of course, you're part of Baylor's Employee Sports Program.

ESP, which began last fall, gives faculty and staff members an opportunity to meet people from other departments, improve their physical fitness and have fun.

"Participation has been outstanding," said Jaffus Hardrick, assistant director of personnel services. "Since the program started, we've had over 500 people participate." Hardrick was a member of the ESP organizing committee and has been active in coordinating the program.

First and Goal to Good, Healthy Fun

Employees sense a good thing in ESP Program that enhances morale

During the first year, faculty and staff members competed in co-ed volleyball, basketball and softball. This fall, flag football was added, with about 35 participants. Volleyball began Oct. 20 and will last four to five weeks, meeting Tuesdays and Thursdays at 5:30 p.m. at the Marrs-McLean gymnasium.

"We haven't had as many women participate in football as in the other sports, so we only have three teams," said Dr. Robyn Bateman, assistant professor of sociology. "Volleyball was the most popular sport last year. We had about eight teams."

Participants appreciate the opportunity to play sports because many of them have not pursued athletic interests since high school or college.

"I played sports in school, so I'm glad to have a chance to compete again," said Brenda Smith, a dispatcher with the Department of Public Safety. "We play competitively, but it's mostly for fun and socializing."

The program has attracted a diverse group of players from professors to administrators to staff members, new and longtime employees, Hardrick said.

"Last year was my first year at Baylor, and this is how I met people from other departments," Dr. Bateman said. "It's usually about the same group of people for all the sports, so we get to know each other."

All the teams are co-ed, and they change for each sport. Teams are chosen at random by the Health, Human Performance and Recreation Department. A registration flier is sent to faculty and staff members before each sport begins.

"So far, the program has been meeting our goals, which were to improve fitness and morale and create teamwork, networking and departmental pride," Hardrick said. "Everyone is welcome to come out and help make the program a continued success."

For more information, contact Hardrick at ext. 8562.
— Lesley Wallace

Spotlight

Continued from page 7

"Aesthetics '98," on exhibit at the Birger Sandzen Memorial Gallery in McPherson, Kan, through Nov. 29. Her work also is included in "LaPetite VI," on exhibit at the Alder Gallery in Eugene, Ore., Nov. 3-Dec. 24 and in "Artifacts and Archetypes" through October in the Mobilia Gallery in Cambridge, Mass.

Dr. Walter Holmes, professor of biology, presented a seminar titled "The Genus *Mikania* (Compositae): Tribe: Eupatorieae" for the Biology Department Sept. 23.

Honors and Appointments

Dr. Michael B. Frisch, associate professor of psychology/neuroscience and director of PsyD program in clinical psychology, has been invited to be a co-investigator in a study on post-traumatic stress disorder sponsored by the U.S. Veterans Affairs' National Center on Post-traumatic Stress Disorder.

Dr. Chester R. Hastings, professor of educational administration, has been appointed to a three-year term to the visiting committee for the Department of Education at Abilene Christian University.

Dr. Michael A. Robinson, professor of accounting, was named Alumnus Adviser of the Year by the Kappa Sigma Fraternity at its annual leadership conference in Dallas. The Baylor chapter has received the Founders Award for Chapter Excellence the last two years.

Dr. David E. Pennington, professor of chemistry and Master Teacher, was recognized as a Baylor Alumnus by Choice by the Baylor Alumni Association Sept. 19.

Dr. John S. Belew, provost emeritus and emeritus professor of chemistry, was honored in the Aug. 31 issue of *C&E News* as a 50-year member of the American Chemical Society.

Dr. Nancy B. Upton, associate professor of management and The Ben H. Williams Professor of Entrepreneurship, was inducted into the Norman "Moon" Mullins Distinguished Honor Roll for Faculty and Staff on Sept. 19.

Dr. Lawrence B. Chonko, professor and The Frank M. and Floy Smith Holloway Professor of Marketing, has accepted a position on the faculty advisory board for the Fisher Institute for Professional Selling.

Research Gazette

Continued from page 5

Pam Wilder, Child Development Center; \$110,062; Transforming Child Care for the New Millennium; Junior League of Waco

Dr. Charles M. Garner and **Dr. Marianna A. Busch**, chemistry; \$157,027; Research Experiences for Undergraduates at Baylor University; National Science Foundation

Dr. Ann E. Rushing and **Dr. Wendy E. Sera**, biology; \$113,250; Access to Science: The Summer Research Scholars Program in Biology at Baylor University; National Science Foundation.

Dr. Michael Morgan, George W. Truett Seminary; \$250,000; Theological Institute for Youth; Davidson Family Charitable Foundation

Dr. Ute S. Lahaie, modern foreign languages; \$100,000; Language Acquisition Laboratory; The Andrew W. Mellon Foundation

Dr. Michael R. Hudec, geology; \$25,000; Factors Controlling the Breaching of Relay Ramps — A Multivariate Approach; American Chemical Society, Petroleum Research Fund

Dr. Michael R. Hudec, geology; \$4,000; Field Work over the Crest of the Salt Valley Diapir, Utah; Burlington Resources

Annette Lindsey, continuing education; \$22,910; Certificate Program in Non-profit Management; The Cooper Foundation

Dr. Kyle V. Cole, journalism; \$6,000; Mayborn Scholar in Journalism; The Frank W. Mayborn Foundation

Clif Mouser, Baptist Student Ministry; \$250,000; Baptist Student Ministries Leadership Training and Summer Missions; Davidson Family Charitable Foundation

Dr. Michael Long, modern foreign languages; \$85,600; Dialogues on the Arts in Central and Eastern Europe: Ten Years After; The Trust for Mutual Understanding

TOTAL REQUESTED: \$1,244,666

Dr. Richard E. Duhrkopf, associate professor of biology, became director of graduate studies in the biology department effective June 1.

Dr. Kenneth T. Wilkins, professor of biology and director of graduate studies, became associate dean of the graduate school effective June 1.

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Change Service Requested