

A NEWSLETTER FOR ALUMNI,

FRIENDS, STUDENTS,

FACULTY AND STAFF

OF DEDMAN COLLEGE

spring 2010



SMU

D e d m a n C o l l e g e

### About this issue

Welcome to the spring 2010 *Dedman College Newsletter*. As Dallas is a city full of museums I want to invite you on a tour of some of the wonderful exhibits in Dedman College. On entering you will be met by *Paluxysaurus jonesi*, a full skeletal mount created by SMU paleontologists. Proceeding ahead you will find the story of the efforts of women to gain the right to serve on juries in Texas.



Peter Moore

Don't overlook our campaign priorities and the faculty award gallery. Explore SMU's efforts in expanding geothermal energy production and an exciting new approach to information analysis, data mining. You won't want to miss the new Professorship in History honoring Glenn Linden. You will find exhibits on the new Physician Scientist Training Program and health care abroad on the next two pages. Meet our future tour guides, the Dedman Ambassadors. As you leave check out our exciting summer Godbey lecture series. Enjoy your visit.

*Peter K. Moore*

Peter K. Moore  
Interim Dean  
Dedman College



PALUXYSAURUS was identified and named in 2007 by Peter Rose, then an SMU geology graduate student. His master's level study led him to determine the large, sauropod bones found in and around the Paluxy River near Glen Rose, Texas, were a previously unrecognized genus and species he named PALUXYSAURUS JONESI, after W.W. Jones, the owner of the land on which the fossils were found. The skeletal mount now is on permanent exhibit at the new Fort Worth Museum of Science and History.

## Texas-sized dinosaur debuts at Fort Worth museum

**P**aluxysaurus jonesi is the quintessential Texas dinosaur – born, bred, fossilized, excavated and – most recently – reconstructed in the Lone Star state. Its skeletal mount was unveiled last fall when the Fort Worth Museum of Science and History opened in a new \$80 million facility. SMU students, faculty, staff and alumni are among the hundreds of volunteers over the past two decades who have helped unearth the massive bones from a fossil bed on the private Jones Ranch southwest of Fort Worth.

*Paluxysaurus* weighed 20 tons, was 60 feet long and had a neck 26 feet long, says Dale Winkler, director of SMU's Shuler Museum of Paleontology and research professor in the Roy M. Huffington Department of Earth Sciences. Winkler has worked with the *Paluxysaurus* excavation since crews from SMU and the Fort Worth museum began to unearth the bones from hardened sandstone in the early 1990s.

SMU paleontologist Louis Jacobs coordinated removal of the fossils, including the use of an industrial crane to hoist the 11-ton block of sandstone containing the pelvis and sacrum. The excavation team used diamond-blade saws to painstakingly cut tons of rock from other bones.

The Fort Worth skeleton was assembled from four different dinosaurs found in the bed and from cast lightweight foam pieces modeled on original bones.

continued on page 2

Cast bones were computer modeled by Michael Polcyn, director of the image analysis lab in the Huffington Department of Earth Sciences. Polcyn scanned the bones, created mirrored pieces and modeled missing portions. Life-sized physical models of the bones were produced using computer-controlled machining techniques.

The end result is a skeleton that is “absolutely awe-inspiring,” Jacobs says. “Paluxysaurus and the plants and animals it lived among show us the truly unique position Texas held in the Cretaceous world. The exhibits at the Fort Worth museum tell that story to the people who now live where the giants used to walk.”



First year anthropology major Kyle Paterson (left) removes rock from Paluxysaurus hips and sacrum. SMU and museum paleontologists spent 22 months assembling the 60-foot skeletal mount in the DinoLabs of the Fort Worth Museum of Science and History.

## MAKING HER MARK ON HISTORY

**A**ndrea Norris Kline '08 vows she will never complain about a jury summons.

She learned about Texas women's hard-fought battle for the right to serve on a jury while conducting an independent research project for Crista DeLuzio, associate professor of history. Kline's research was used to establish a Texas historical marker honoring the women who fought for the right to serve on a Texas jury.

Although the 19th amendment gave women in 1920 the right to vote, it left to each state the decision to grant a woman's right to jury service. Texas women gained the right to jury service in 1954, 34 years after receiving the right to vote.

“I have a newfound appreciation and sense of pride in participating in our local government,” says Kline, a history major and now an eighth-grade American history teacher in Lancaster, Texas.

Kline used U.S. census records, newspaper archives and Texas Legislature records to document the history of jury service in Dallas County.

In Texas and in much of the South, women campaigned for educational opportunities, rights for

married women and access to public positions after the 19th amendment was ratified, says DeLuzio. By the 1930s, however, the Dallas Business and Professional Women's Club, *The Dallas Morning News* and the Dallas League of Women Voters made gaining the right to serve on a jury a priority. The first resolution brought before the Texas Legislature was defeated in 1949. In 1953 the Texas Senate passed a resolution to bring

women's right to jury service to Texas voters as an amendment on the November 1954 ballot.

“Most of us want to create our own place in history,” Kline says. “We make decisions that seem right for us and our community. Little do we know about our influence on future generations. These women made the decision to openly, actively and proudly take their place in Dallas history.”



## Second Century priorities: Scholarships and centers of excellence

For Kent Fischer, being a Dedman College Scholar has meant the opportunity to closely interact with faculty members and academic advisers while exploring majors and career paths.

"We've had dinners and events where I've had the chance to meet an incredible range of professors outside the classroom," says Fischer, a first-year student from San Angelo, Texas, who had considered working toward a law degree but recently decided on chemistry. "I have so many experts on my side."

Fischer is a member of the inaugural class of three Dedman College Scholars who entered SMU in fall 2009. The new program awards merit-based scholarships to undergraduates pursuing a Dedman College major. With 10 additional scholars expected in fall 2010, the program is a priority of The Second Century Campaign, the largest fundraising initiative in SMU history.

"In this complicated financial time, it's more important than ever that we have a tool

to help us attract top students," says Kelly Hoglund Compton '79, who leads the Campaign Steering Committee for Dedman College with Frederick B. Hegi, Jr. '66. "The Dedman College Scholars Program will increase SMU's ability to recruit the best liberal arts students from around the country."

Dedman College also is seeking support for its Centers of Excellence – academic programs or areas comprising endowed faculty positions, endowments for research and graduate fellowships. Support for these core components of the college's academic programs will contribute to the development of centers of excellence in key disciplines, Hegi says.

"By strengthening these areas, we ensure that they develop a reputation as the 'go to' places for the best minds and experience," Hegi says.

"Dedman College is the heart of SMU," Compton adds. "Every student at the University takes classes in Dedman College, and almost half of all SMU students choose a



*Kelly Hoglund Compton*



*Fred B. Hegi*

Dedman College major. For SMU to be a nationally recognized university, Dedman College must be strong."

*Learn more at [smu.edu/vision](http://smu.edu/vision).*

## Dedman faculty receive prestigious honors

**Angela Ards**, assistant professor of English, has been named a fellow to the Radcliffe Institute for Advanced Study at Harvard University. Drawing on the unique resources of Radcliffe's Schlesinger Library, fellows pursue advanced work across a wide range of academic disciplines, professions and creative arts.

**Isaac Mbiti**, assistant professor of economics, has been named a Martin Luther King, Jr. visiting professor at the Massachusetts Institute of Technology. He will conduct research at MIT's Abdul Latif Jameel Poverty Action Lab.

**Peter Moore**, Dedman College interim dean and professor of mathematical sciences, has been elected to membership in the SMU chapter of Phi Beta Kappa. Moore is the first administrator to be honored by the SMU chapter. He was chosen because of "his firm commitment to liberal studies and scholarship, the values crucial to intellectual life in academe."

**Brent Sumerlin**, associate professor of chemistry, has been named an Alfred P. Sloan Research Fellow. The two-year fellowships are awarded to early-career scientists who show significant potential to make contributions in their fields.

Three Dedman College faculty members have been awarded Sam Taylor Fellowships from the United Methodist General Board of Higher Education and Ministry. **Jill DeTemple**, assistant professor of religious studies, will study a faith-based women's development organization in Ecuador. **Sheri Kunovich**, assistant professor of sociology, will study female political candidates and the voting system in Poland, and **Rubén Sánchez-Godoy**, assistant professor of Spanish, will study 17th-century representations of slavery in Salvador, Brazil and Peru.

Kline and DeLuzio worked with the Dallas County Historical Commission to draft a proposal for a historical marker to be placed on the east side of the Old Red Courthouse, now a county historical museum in downtown Dallas. The marker was unveiled October 30.

Kline's students gave her their approval when she told them about her role in the historical marker dedication – a standing ovation.



*History major Andrea Norris Kline (left) and Crista DeLuzio (right), associate professor of history, were honored at the unveiling of a historical*

*marker at the Old Red Courthouse in downtown Dallas. Kline's research under DeLuzio led to the establishment of the marker commemorating Texas women's fight for the right to serve on juries. The Dallas Women Lawyers' Association funded the plaque.*

## SMU a hotbed of geothermal expertise

When David Blackwell, Hamilton Professor of Earth Sciences, started collecting heat flow data he never imagined that it was visionary work.

But Blackwell's four decades of data collection represent the power of foresight. Today there's growing interest in the potential for a clean, renewable, economical source of energy generated from rocks that radiate heat beneath the Earth's surface. Blackwell is nationally credited for identifying the untapped potential of the resource with the 2004 *Geothermal Map of North America*, which he created with his data.

SMU's stature as a geothermal leader, built on Blackwell's expertise, has attracted significant funding. In 2009, Internet search engine giant Google.org provided nearly \$500,000 to the SMU Geothermal Lab to update Blackwell's original map.

And recently the U.S. Department of Energy awarded the lab a \$5.25 million, three-year grant to help provide data to build a National Geothermal Data System. The grant is part of a larger \$350 million initiative by President Obama to expand and speed up development of geothermal energy. SMU's partners will include Siemens Corporate Research, Cornell University, the University of North Dakota, Texas Tech University and MLKay Technology LLC.

"This project will support developers of geothermal power plants by decreasing the costs of the resource identification and the risks inherent in the exploration phase," Blackwell said.

Blackwell's reputation and the lab's significant research funding drew Zachary Frone to the SMU geothermal graduate program.

"I was attracted to SMU for several reasons, the biggest being the reputation that Dr. Blackwell and the lab have in the geothermal community and the opportunities and connections that are open to you when working with someone with his experience," Frone said.

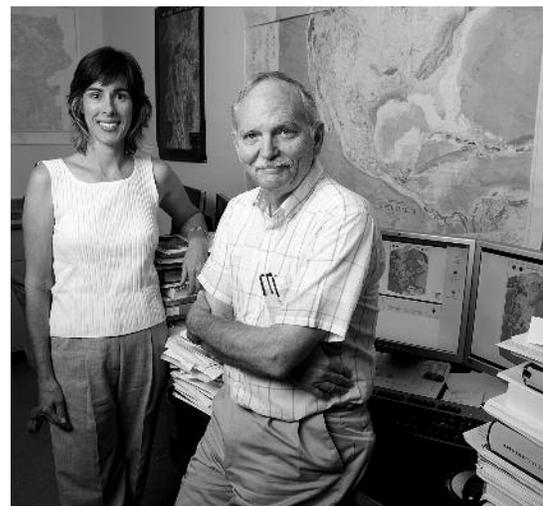
Frone is working on the Google map update. New data, including underground

temperatures gathered from oil wells, is being added.

Frone is among six geothermal graduate students made aware of SMU after publication in 2007 of an MIT-led study about the enormous potential of geothermal energy. Blackwell, Maria Richards, geothermal laboratory program coordinator, and Petru Negraru, chief geophysical analyst at the SMU Geothermal Lab, were on the 18-member panel that prepared the study.

"The MIT report really got our name out," Blackwell said. "Now with the DOE funding we can do a lot more of what we were already doing, from mapping the temperatures to trying to understand where the hot spots and cold spots are and putting it out in the public domain. This database is going to be a vital source of information for the industry and for the country."

*Blackwell's four decades of data collection represent the power of foresight. Today there's growing interest in the potential for a clean, renewable, economical source of energy generated from rocks that radiate heat beneath the Earth's surface. Blackwell is nationally credited for identifying the untapped potential of the resource.*



**SMU's geothermal energy program has attracted national attention with a \$500,000 grant from Internet search engine giant Google.org and a \$5.25 million, three-year grant from the U.S. Department of Energy to help provide data to build a National Geothermal Data System. The grant is part of a larger \$350 million initiative by President Obama to expand and speed up geothermal energy development. Pictured in the geothermal laboratory are Maria Richards, geothermal laboratory program coordinator, and David Blackwell, Hamilton Professor of Earth Sciences.**

## Mining for data: Economics

Five months of late nights spent analyzing North Dakota rainfall, crop yields and soil conditions paid off last fall for a team of economics graduate students. For the second year, SMU's data mining team captured the national

championship at the 2009 SAS Data Mining Shootout by solving a real-world business problem.

The students used computer science, economics and statistics skills to analyze the competition's challenge – identify



**SMU President R. Gerald Turner congratulates economics graduate students Michael Fulmer, Jingjing Ye and Steven Gregory on their data-mining national championship. Economics Professor and Chair Tom Fomby served as the team's adviser.**

## New history professorship to honor Glenn Linden

One mark of a great teacher is in his or her impact on a larger community. Associate Professor of History Glenn Linden is a good example – and his impact is being recognized with a professorship in Dedman College named for him.

“Even after I completed Dr. Linden’s course, we’d sit in his office and talk – not just about history, but about life,” says the Rev. Michael Waters ’02, ’06, who counted Linden as not just a professor but a mentor during his years as a Dedman College political science and religious studies major. The two were founding organizers of the SMU Civil Rights Pilgrimage, now in its sixth year.

Linden, who will retire in 2010 after more than 40 years with SMU, will be honored with the Glenn Linden Professorship in History thanks to an anonymous donor. Linden has chaired both Dedman College’s Department of History (1972 -75) and its Department of Education (1975 -78). He received the “M” Award – SMU’s highest honor for service to the University – in 1980.

“My research and teaching focusing on the Civil War and its aftermath has meshed well with my interest in race relations,”



**Glenn Linden, associate professor of history, is one of the founders of an annual spring break civil rights pilgrimage that immerses students in the history of the civil rights movement. Linden will retire in May 2010, but his legacy will continue through a history professorship created in his honor.**

Linden says. That interest was strengthened when Waters, then a Master of Divinity student in SMU’s Perkins School of Theology, approached him to act as historian for a spring break trip through cities where the civil rights movement flowered.

“We decided right away that we wanted this to be a real learning opportunity for students,” Linden says. “As they talked to people who remember, and kept journals, and wrote papers, the experience took on a life of its own. These students became a part of the process of fighting for change.”

Linden says the new professorship – along with being named a Distinguished Professor by students in SMU’s HOPE (Honoring Our Professors’ Excellence) program – “really caps my career. It’s very humbling to receive this kind of recognition.”

Waters, now a Doctor of Ministry candidate in the Perkins School, is thrilled with the news. “An endowment that honors Dr. Linden will inspire the University to honor his legacy of excellence, both in academia and in building better communities,” Waters says. “It will be a wonderful recognition of his legacy.”

## students solve complex puzzle to win national prize

the three counties in the United States best suited to grow EnergyGrass, a biomass source for ethanol production.

Students Michael Fulmer, Jingjing Ye and Steven Gregory studied a typical business situation, says faculty adviser Tom Fomby, professor and chair of economics. “Their job was to use less than pristine data to find the location for ethanol production centers that would generate the most profit for the company.”

The SMU team competed against 48 other colleges and universities for the \$5,000 prize.

“Putting a project together from scratch was a rare opportunity,” says team member Michael Fulmer, a Ph.D. candidate in economics. “We thought like members of a business team by adding variables such as

location of railroad lines, potential tax revenues for cities and profits for farmers.”

In 2004, the Department of Economics in Dedman College was one of the first universities to create an economics graduate-level data mining course, Fomby says. Data mining, or business analytics, is the ability to extract business insights from large amounts of data. Data mining courses are more likely to be found in engineering or business programs, he says.

“We saw a market developing for economists with business analytics skills,” Fomby says. “Economists bring businesses a unique understanding of profit maximization, efficiency and resource allocation.”

According to *The New York Times*, IBM recently announced it plans to invest more

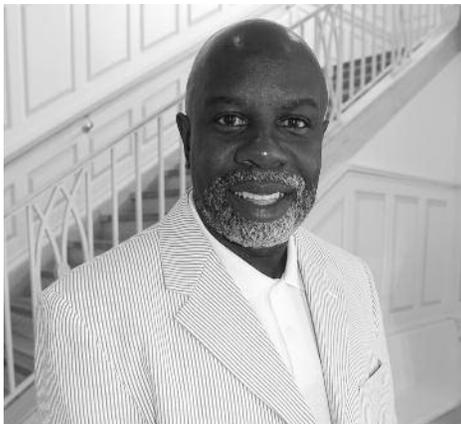
than \$10 billion nationwide to build its capabilities around business analytics. A recent *Information Week* magazine ranks advanced analytics second on its top 10 list of strategic technologies for 2010.

SMU undergraduate students’ interest in economics also supports a growing demand for business analytics skills. The number of students majoring in economics in Dedman College has increased from 150 to 500 in the last 10 years.

“We know there is a demand for these skills,” Fomby says. “We’re training the people to meet that demand.”

# Dedman alum puts young students on path to biomedical research

For first-year premed student Lauren Knazze, the laboratory equipment in Dedman Life Science Building's biology lab was as familiar as summer camp.



*Moses Williams '78, '82 developed a national program that prepares minority students for admission to elite medical schools and biomedical graduate programs. Ninety percent of the seventh-graders who start the program continue their participation through college.*

Since seventh grade she has spent summers conducting research in laboratories at places such as Temple University and the National Institutes of Health.

When her SMU lab instructor demonstrated the use of a pipette, a glass tube used in experiments to transfer small amounts of liquid, Knazze didn't ask any questions.

"I've been using a pipette since ninth grade," she says.

Knazze is in her sixth year as a participant in the Physician Scientist Training Program, a national program developed in 1990 by SMU alumnus Moses Williams '78, '82 to increase the number of underrepresented minority students in biomedical research fields. Minority students nationwide are recruited for the 10-year program. Most of the students come from middle-class or low-income families.

Knazze, a Chicago native, is one of six current SMU students participating in the program.

"As the director of Temple University Medical School Admissions in 1990, I saw very few underrepresented minorities coming to the table for consideration," Williams says. "I decided to do something about this national problem by starting a program that would find and train minority child prodigies to produce a pool of candidates worthy of admission to elite medical schools and biomedical graduate programs."

Last summer SMU became host to the seventh- and eighth-grade classroom portion of the Physician Scientist Training Program. One hundred twenty minority students spent six weeks at SMU studying courses such as college-level chemistry, laboratory techniques and research writing.

After participants in the Physician Scientist Training Program finish the junior high component, they spend senior high and college summers working in university, U.S. government and private research laboratories.

Before coming to SMU, Knazze worked at a Temple University oncology lab in Philadelphia; the National Institute of Arthritis, Musculoskeletal and Skin Diseases in Bethesda, Maryland; and at the Institute for Systems Biology in Seattle.

More than 90 percent of the seventh-graders who start the program continue their participation through college, says Charles Knibb, director of academic affairs for the Physician Scientist Training Program. Eighty-one percent pursue graduate degrees, becoming biomedical researchers, medical school faculty members and practicing physicians, pharmacists and dentists.

"Being in this program empowers students," he says.

"Dr. Williams encouraged me to come to SMU," Knazze says. "After I graduate I'm interested in earning a medical degree and maybe a Ph.D. Because of this program, I have more of an idea of what I want to do with my life."



*Seventh- and eighth-grade students develop dissection skills in a Dedman Life Sciences Building biology lab as part of the Physician and Scientist Program, a national program designed to increase the number of minority students in biomedical research fields. SMU hosts the junior high portion of the program that mentors students from seventh grade through college.*

*SMU anthropology alumnus Moses Williams '78, '82 created in 1990 the Physician and Scientist Training Program. Eighty-one percent of the seventh-graders who start the program pursue scientific graduate programs, becoming biomedical researchers, medical school faculty members, physicians, dentists and pharmacists.*

## Views of health care from abroad

Visiting students crowded around the patient to observe a doctor performing an endoscopy. The operating room resembled a jumbled office, with fax machines and copiers and nurses drinking coffee. Other doctors would drop in to get a second opinion about their own cases. At the busy, underfunded public hospital in Poznan, Poland, this was universal health care.

"It's not perfect, but it's working the kinks out," says junior biology major Snigdha Toodi, who toured hospitals in Poland and Germany during fall 2009 as part of SMU-in-Copenhagen. The President's Scholar, who also has minors in chemistry and math, participated in the Medical Practice and Policy Program at the Danish Institute for Study Abroad, where her courses included human health and disease, the complexity of cancer, marine biology and Russian literature.

"I never thought I would be able to travel to Denmark and learn about health care, and that experience has definitely contributed to my overall desire to go into medicine," says Toodi, who is from Baton Rouge, Louisiana.

As the health care reform debate heightened in the United States, Toodi had the opportunity to explore Denmark's publicly funded universal health care system, with class visits to hospitals and general practitioners. She says she learned that the Danish system is efficient and technologically advanced but also has its share of problems – such as a shortage of doctors in rural areas, a lack of coverage for immigrants and the high taxes required to support it.

"There are flaws in every system," she says. "When you talk to the Danish people, they aren't completely happy with it – just like Americans aren't completely happy with theirs."

Back at SMU this spring, Toodi is applying to medical school while taking courses and is looking forward to returning to work as a doctor's scribe this summer at a Baton Rouge hospital.

Larry Ruben, professor of biological sciences, says he was impressed by Toodi's commitment to medicine during his cell biology course. "Her abiding interest seems to stem from her desire to help others and from her appreciation of the technical and intellectual components of health care," he says.

Toodi says that during her time in Denmark, she observed close, long-term relationships between doctors and patients that she also hopes to develop as a doctor – relationships in which patients are active and the doctor is egoless. "To me it is important to know where the patient is coming from, what their financial position is and how they view their health care system as a whole," she says.



*Junior biology major Snigdha Toodi explored Denmark's publicly funded universal health care system while a student at SMU-in-Copenhagen. She learned that the system is efficient and technically advanced, but struggles with doctor shortages in rural areas and a lack of coverage for immigrants.*

## INTRODUCING THE DEDMAN COLLEGE AMBASSADORS

A new student organization is helping build community among Dedman College students. The Dedman College Ambassadors are recruiting potential students, strengthening networking opportunities with Dedman College alumni and planning activities for current students.

Dedman College student recruiters Mara Morhouse '07 and Rachel Romero '05 created the organization to unify students with a variety of interests ranging from creative writing to particle physics.

"Joining the ambassadors provides leadership experience and an opportunity to talk with current and prospective students about their classes, professors or research," Morhouse says.

The ambassadors have hosted a phone-a-thon to recruit potential Dedman College students, collected school supplies for underprivileged children and organized a Pick-your-major fair.

"Students should be proud to follow their passions in college," says sophomore Nick Burns, Dedman College Ambassadors vice president of publications. "We're establishing a new attitude among Dedman students that says, 'We're proud of who we are and what we study.'"

## FROM ONE SCRIBE TO ANOTHER

**T**.C. Boyle (center), author of 30 books, talked about his writing career with creative writing students and David Haynes (left), associate professor of English and director of creative writing during a recent campus visit. Boyle's novels include *The Women*, *Tortilla Curtain* and a recently published short story collection, *Wild Child*.





# SMU

Dedman College  
PO Box 750235  
Dallas TX 75275-0235

[smu.edu/dedman](http://smu.edu/dedman)

Nonprofit Org.  
U.S. Postage  
PAID  
Southern Methodist  
University

Dedman College newsletter is published for alumni, friends, students, faculty and staff of Dedman College.

Dedman College newsletter  
Dedman College  
Southern Methodist University  
PO Box 750235  
Dallas, TX 75275-0235

**Peter K. Moore**  
Interim Dean, Dedman College

**Alma Alvarez-Smith**  
Associate Dean of Strategic Initiatives  
Dedman College

Dedman College newsletter is produced by SMU's Office of Public Affairs

**Nancy George**  
Editor

**Margaret Allen**  
**Cherri Gann**  
**Sarah Hanan**  
**Mallory McCall**  
**Kathleen Tibbetts**

Contributors

**Hillsman S. Jackson**  
University Photographer

To support Dedman College visit [dedmancollegegift.smu.edu](http://dedmancollegegift.smu.edu) or contact Courtney Lee Corwin at 214-768-2691 or [ccorwin@smu.edu](mailto:ccorwin@smu.edu).

SMU will not discriminate in any employment practice, education program, or educational activity on the basis of race, color, religion, national origin, sex, age, disability, or veteran status. The Director of Institutional Access and Equity has been designated to handle inquiries regarding the nondiscrimination policies.



**Mixed Sources**  
Product group from well-managed forests and other controlled sources  
[www.fsc.org](http://www.fsc.org) Cert no. SM-COC-003025  
© 1996 Forest Stewardship Council

10882\_0410

## Inside

- *Mentoring young scientists*
- *Views of health care from abroad*
- *New teacher makes mark on history*

## Summer Book Series: Four favorite woman authors

Dedman College is celebrating 16 years of lively discussions with Dallas readers about books written by women. Each summer, SMU literature expert Vicki Hill selects four personal favorites to discuss with audiences at Dedman College's Godbey Lecture Series.

"This is not high-falutin' literary criticism or theory; we talk about the sheer delight of how the novel works," Hill says. This year Hill will explore Janice Lee's *The Piano Teacher*, Lori Lansens' *The Girls*, Elizabeth Strout's *Olive Kitteridge* and Francesca Marciano's *The End of Manners*.

Vicki Hill is a former Dedman College English professor who says she is disappointed in herself if she doesn't read two books a week. She is the longtime director of SMU's tutoring and writing

center, the Altshuler Learning Enhancement Center. She presents her lunchtime 50-minute lecture as one reader to another, then leads a discussion with the audience she describes as "genuinely exhilarating."

The Godbey Lecture Series introduces the Dallas community to many of SMU's faculty members at a series of lunchtime and evening programs, day trips and longer tours.

To register for events or learn more visit [smu.edu/godbey](http://smu.edu/godbey).



Vicki Hill

## SEEN AND HEARD



**Zbigniew Brzezinski** (top), keynote speaker at the Tower Center's National Security Conference.

(Bottom) Senior chemistry and math major **Ted Andersson** and senior biochemistry major **Vijita Patel** present their research at SMU's 2010 Research Day.