Study: Lack of exercise plays greater role in obesity, diabetes

**Diet less of a factor in 'couch baboons,' researchers report**

**By DEE DEEBAIE**

It's not that the food you eat is unimportant, but when it comes to the risk of obesity and diabetes, food may be less important than exercise. That's the conclusion of studies by an international team of researchers involving baboons in Africa.

Investigators from Washington University and Saint Louis, Princeton and Stanford universities reported their findings in the Journal of Metabolism.

Children's learning to spell, read aided by pattern recognition, use

**By GERRY EVERGOOD**

Vacuously every school child learns the "I before E" rhyme at least once as he or she struggles with spelling.

But according to child development psychologist and reading development expert Rebecca Treiman, the "I" rule is just the tip of the iceberg when it comes to spelling patterns found in the English language.

Research by Treiman and her University colleagues suggests Metabolism. The researchers and their colleagues have been studying the eating and exercise patterns of two groups of wild baboons in East Africa. Like most primates, one group has to wander and forage for food. The other group lives near a tourist lodge in Kenya. It gets most of its food from the garbage dump.

Some of the baboons near the dump have become obese, resistant to insulin and developed a condition comparable to diabetes in humans — just like some people who eat too much and exercise too little. They have a condition similar to a human disorder called Syndrome X. Human patients with the syndrome are obese and have diabetes, high cholesterol and high blood pressure.

Obesity is rare in wild baboons, but it's not unheard of in captive animals. In their initial study on leptins levels in wild animals, the Saint Louis University team showed dramatic differences.

That study demonstrated that being obese was a risk factor for obesity, but when trying to extrapolate the data to better understand the problem of obesity in humans, a major obstacle was finding a comparable group of contemporary people who live in similar conditions.

"The next best thing is to go to the primate record," said Phillips-Conroy, professor of anatomy in the School of Medicine and of anthropology in Arts & Sciences. "We share many features of biology and diet. This is part of a free noncredit short course called "Remembering 1853: A Sesquicentennial Celebration of the Humanities," an introduction to the humanities.

Career Center offers options in slow economy

**By NEIL SCHONHERR**

With today's slow economy, the U.S. job market is tough. Students graduating this spring with little or no work experience may find it especially difficult to land that first professional job.

But even if a student hasn't had a resume together, networking is the key, Luchetti said. That's especially true of students who are attending an interview, it's too late to put a visit to The Career Center, said its director, Lee Luchetti.

"We start our students in the right direction early in their college careers by encouraging them to come into The Career Center and to start thinking about their job search early on," Luchetti said. "But even if a student hasn't had a chance to work with his or her university's career office, help is still available."

The core basics of any job search — having a good resume, strong interviewing skills and the ability to network — are the same no matter what the job market is like. But the time to get a leg up on the competition, especially in tough economic times, is now, Luchetti said.

Making connections

According to a recent study by the National Association of Colleges and Employers, 75 percent of jobs and internships are found through network and good old-fashioned search methods, Luchetti said.

"Networking can be fun," said Luchetti. See Week, Page 5
Diversity’s importance reaffirmed by Brighton

A Safe and relaxing place

Health benefits open enrollment starts May 1

Purchasing services to host two-day supplier fair by Andy Cleendenen

PICTURING OUR PAST

A Safe and relaxing place

By Andrei dos Santos

Wash U launches Supplier Fair May 4

A Safe and relaxing place

Washington University will be celebrating its 150th anniversary in 2003-04.

Purchasing services is hosting the Preferred Suppliers/Supplier Diversity Fair 2003. The two-day event will be April 30 at the Eric and Nancy Green Education Center on the Medical Campus and May 1 at the Athletic Complex Field House. The fair runs from 10:30 a.m.-1:30 p.m. each day.

The event represents an opportunity for departmental personnel and others involved in purchasing decisions to meet and interact with some of the University’s preferred contract suppliers, including several minority business enterprises.

For more information, contact Purchasing Services at 935-5555 or go to the purchasing Web site, purchasing.wustl.edu, for a complete rundown of the days’ events.

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While the human resources Web site, hr.wustl.edu, for health-care information, may be a more effective way to do many things, the University’s preferred contract suppliers, including several minority business enterprises, will be among those represented at the Supplier Fair on April 30 and May 1.

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A rare find

Bernard Becker, M.D. (right), professor emeritus of ophthalmology and visual sciences, signs a copy of the Collection of Ophthalmology—a catalog detailing the collection of ophthalmology books Becker donated to the library—for Sean Murphy, M.D., of Montefiore at the 16th Annual Cogan Ophthalmic History Society Meeting. At the April 12-13 meeting, Becker spoke and judged a book exhibition in the reading room of Archives and Rare Books at the Bernard Becker Medical Library and gave a short talk about his collection. The two-day event, organized by George M. Bohigian, M.D., professor of clinical ophthalmology and visual sciences, also featured talks on topics such as the history of symbols and signs in medicine and ophthalmology.

Diabetes Research and Training Center offers research funding

Mild-asthma study needs pediatric volunteers

- from Page 1

WITH FIELD PRIMATOLOGISTS.

A study illustrates the very produc-
gers biological data by captur-
ing and tranquilizing animals to
identify the animal's mother and
siblings.

Mild asthma, the most common form of asthma, is particularly prevalent among children. According to the National Institutes of Health, children with mild asthma should be monitored for one year using inhalers and severe exacerbations for three to five years. In the study, the percentage of days without asthma symptoms was monitored for each child during the 12-month treatment period.

The multicenter study is fund-
ed by a $25 million grant from
the National Heart, Lung, and
Blood Institute. Robert C. Strominger Professor of
Pediatrics, is the principal inves-
gigator of the study.

For those with mild asthma, there is a significant amount of variability in asthma treatment. Generally, the two-year
health care received in the
end of their life, "said study
leader Michael DeBaun, M.D.,
professor of pediatrics.

"Altmann's group previously
found that more than a third of
baboons only traveled 1-3 miles.
"When compared to typical
baboons, these just sort of rolled
out of their trees in the morning,
then they spend the majority of
their day foraging for food, a baboon
might roam up to six miles.
This is a significant amount of
energy-intensive lifestyle that's a
place, finding food. It's a very
behavioral science departments
are particularly encouraged
to apply for the funding, which
begins Dec. 1.

Generally, the two-year
grants range from $20,000-
$50,000 each year.

The DRTC pilot and feasibili-
ty program fosters projects
that may lead to independ-
et applications supported by
the National Institutes of
Health, which awards three to
four such projects to the
School of Medicine.

Applicants from the basic
sciences, epidemiological and
behavioral science departments
will be required to determine the
benefits of starting with methadone to relieve children's severe pain.

"Further research is re-
quired to determine the bene-
fits of starting with methadone to relieve children's severe pain," DeBaun said.

School of Medicine Update

Pain management

Increase of opioids benefits some dying pediatric patients

By Kimberley Leving

School of Medicine researchers have found that terminally ill children with cancer who have neuropathic pain require more opioids during the final days of life than those without neuropa-
thetic pain.

In addition, the team found preliminary evidence that a 'cocktail' of several narcotics was significantly more effective at treating these patients than dramatically increasing the dosage of two pain-killing opioids — mor-
phin and benzodiazepine.

The study appears in the April issue of the Journal of Pediatrics.

"Our results indicate that health-care providers should anticipate large, rapid dosage increases of opioids when caring for children with neuropathic pain during the end of life," said study leader Michael DeBaun, M.D., assistant professor of pediatrics.

"Conversely, patients without neuropathic pain often do not require such rapid dose in-
creases and require attention to other comfort measures."

Cancer patients with neuropa-
thetic pain require more than
an hour or two of opioid to
achieve a therapeutic effect
caused by damage to the peripher-
ical nervous system — describe the pain symptoms as similar to an elec-
trical shock, burning or hering.

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**University Events**

**74th annual School of Art Fashion Show May 4**

**By Liam Otten**

Art in Motion, the 74th annual School of Art Fashion Show, will take to the catwalk May 4 at Saint Louis Galleria.

7:30 p.m. reception at the Galleria’s Garden Court, near the entrance to Lord & Taylor.

The hour-long show starts at 8 p.m., followed by a dessert reception for the designers and audience, during which many of the featured costume creations will be available for purchase.

Jeff Singleton, head of the fashion design program, co-hosts the show with Jeetkoo Alexander of WSSM 106.5 FM radio. He compared the event to a Broadway-style revue, filled with lights, music, drama and, of course, glittering, glamorous costumes.

"This is theater," he quipped. "We have three groups inspired by architecture, sportswear inspired by jewels, ball gowns based on fashion design program, co-hosts the designers and audience, during which many of the featured costume creations will be available for purchase.

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Architecture critic Kim to speak

By LAM OTTEN

B enjamin Kamin, Pulitzer Prize-winning architectural critic for the Chicago Tribune, will speak on "Activist Criticism" for the University's Sam Fox Arts Center Lecture at 6 p.m. April 28 in Steinberg Auditorium.

A reception will be held at 5:30 p.m. in Givens Hall, Kimun the director of Why Architecture Matters: Lessons From Chicago, a critically acclaimed collection of his Tribune columns, Paul Goldberger, architectural critic for The New York Times, noted that, "It is fitting that (Kamin) writes from Chicago where architecture has always been taken seriously, but his work transcends the city and earns him a place among the major architecture critics of our time."

Born in Red Bank, N.J., Kim

Academic women's societies hold dinner

By ANDY CLIFDENNIN

The Academic Women's Network from the Medical Campus and the Department of Women Faculty from the Hilltop Campus will hold their annual spring dinner April 30 at the Central Institute for the Deaf.

Each year the first two groups have jointly held the dinner, which starts at 7 p.m. Cocktails and awards will be at 6 p.m.

Katherine A. Miller, director of Women's, Gender and Family Studies, will be the keynote speaker.

On Stage

Saturday, April 26 8 p.m. Performing Arts Department. Production Algo Live by Charles Mee. Directed by Sherryl Anson. (Also April 27, 9 p.m. April 28, 9 p.m.) Cost: $12, $8 for students. Saint Louis Galleria Garden Court. 935-9090.

Wednesday, April 30 8 p.m. Electronic Music Concert, First Floor Studio, Tietjens Hall. 935-8441.

Friday, May 2 8 p.m., Washington University Opera, Washington University Opera, 516 Fine Arts Hall. 935-4417.

The talk and reception are free and open to the public. For more information, call 935-6200.

Tuesday, April 29 8 p.m. Concert. String Chamber Ensemble. Elizabeth Macaulay, director. Of gallery, 935-4417.

Wednesday, April 30 8 p.m. Electronic Music Concert, F.W. Oeveren Presents, Tietjens Hall. 935-8441.

Friday, May 2 8 p.m., Washington University Opera. Washington University Opera, 516 Fine Arts Hall. 935-4417.

National Day of Prayer

A national observance of the National Day of Prayer will be held at 12:01 p.m. May 1. Eat the top of the Brookings Building steps. People of all faiths are welcome. Rev. Gary Braun, director of the University's Catholic Student Centers, will lead the observance, which will last approximately 30 minutes.

And more...

Friday, April 25 6-4 p.m., University Libraries Open House. Reception for the opening of the Kentucky Dam Campus Conference Center, Lower Lvl. 935-4100.

Wednesday, April 30 10:30 a.m.-1:30 p.m. Preferred Supplier/Supplier Diversity Fair. To be held in the Campus Center in the lower level of Reitz Union. 935-3636.

Friday, April 25 8 p.m. ORACLE@WUSTL Bobbi Michna, director. Directed by Steven M. Allen. (Also April 26, 7 p.m. April 27, 7 p.m.) Cost: $12, $8 for students. Students, teachers: Tietjens Hall. 935-6543.

Friday, May 2 8 p.m. School of Art: Fucked Summer, Art Is Alive. (2 p.m. reception) Cost: $50, $25 for students. Saint Louis Galleries Gardiner Court. 935-4600.

Sports

April 25-27 All Day Men's & Women's Tennis University Tennis Association Championships. Tennis Center and Desert Inn Tennis Center at Forest Park. 935-4705.

Tuesday, April 29 2 p.m. Basketball vs. Webster U. Kelly Field. 935-4705.

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Wednesday, May 4 11 a.m. Softball vs. Webster U. WUSTL. Field. 935-4705.

From a global perspective and through the lens of 1853, the founding year of the University, the committee will consider:

From 2-3 p.m. that day, Freedman will join a panel moderated by Times critic James H. Willard, director of Missouri's American Museum of Science and Technology. Also part of the panel conversation, the talk will focus on how to succeed in the job market.

"Do your research," Luchetti said. "You have to be sharp, smarter, more researched, more prepared and have a different view of the person for which you are looking.

There are several jobs available now, students "have to ask what's the competition," Luchetti said.

Luchetti has several tips on ways that graduating seniors can separate themselves in the job-hunting crowd:

"First, take a deliberate self-assessment to understand the types of industries and jobs that would be the best fit for your skills.

"Second, specific companies and organizations that would allow you to do the type of work they are passionate about. Use informational interviews as a way to research and learn about how to succeed in the job market.

"Think outside of the box about networking methods, strategies and venues. The goal is to think about networking as a simple, informal conversation. "You can't get a post-graduation interview if you don't try to find out what working at that organization is really like while gaining valuable work experience.

Finally, Luchetti said, be creative.

"In a tough market like this, you have to make yourself stand out," she said. "You have to take ownership of your job search.

Luchetti graduated from the University of Virginia, and at Johns Hopkins Universities and the University of Chicago.

She has also contributed to more than one-third of all college graduates have internship experience and that 70 percent of undergraduate students have done internships. "Jobs are just a part of the equation, you need to hire their own interns for full-time positions," Luchetti said.

"If you're doing an informational interview, do not volunteer to do the job you want," she said. "You should be doing your research, asking questions that will determine if you would be the best fit for your skills.

"People of all faiths are welcome. The Rev. Gary Braun, director of the University's Catholic Student Centers, will lead the observance, which will last approximately 30 minutes.

Luchetti said. "A lot of jobs are out there, but they are in a different type of work. Use informational interviews as a way to research and learn about how to succeed in the job market.

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showed that spelling consistency is increased significantly when young students take into account the position of the phoneme in the syllable and the identity of the phonemes in the environment. In other words, environmental cues play an important role in helping students recognize the different sounds that spelling patterns correspond to. For example, the long "oo" sound is usually spelled "oo" in words that end in "oot" (right, light). "Our studies show that pupils who have taken into account it, turns out that sound-to-letter correspondences in English are not as inconsistent as widely believed." While these patterns have become interwoven and unpredictable as long as various rules and patterns are too-often misun-
spelt," Treiman prefers to think of English as a language that "can't be like "tough," "though," "through"
ated spellings that reflect their
distinguishes one utterance from
rules and pat-
irregular and difficult.
In other words, environmental
inconsistent as widely believed."
students already have begun to
understand the nature
misunderstood.

We do not want to
to claim that the English
writing system is ideal,
or do we wish to gloss
over the real chal-
est poses for children.
But it is important to
the nature of English
spelling, and it is seri-
ouly misunderstood.
REBECCA TREIMAN,
BRETT KESSLER

Deciphering spelling patterns

While some spelling patterns
remain consistent, others are
complex and difficult to apply to
real-world spelling challenges. Research confirms that many of these patterns have become
interwoven and unpredictable as
students already have begun to
understand the nature
misunderstood. English spelling is not
consistent, no
matter how dif-
ferently a word
is pronounced in
England, Scotland, Ireland or

Similarly, words borrowed
from non-English languages often retain spelling from their original languages, which
newly readers of the word with
important clues as to its origin and meaning.

In this paper we wish to see
the case for clinical writing.
Treiman and Kessler write. "We do
not wish to gloss over the real chal-
est poses for children.
But it is important to

TREIMAN'S RESEARCH
On British schoolchildren, Treiman's research on chil-
dren's understanding of language and phonology has been support-
ed through grants from the National Institutes of Health and Human Development, the National Science Foundation, the Spencer Foundation and the
March of Dimes Birth Defects Research Foundation.

In addition to spelling patterns,
Treiman has studied the linguistic basis of spelling errors in typical and
developmental children, as well as the methods children use in learning
to connect print and speech.

Planning research included a study of the possible benefits to
children of computerized input interfaces (found to enhance speech produc-
tion and language) in deaf chil-
dren with reading difficulties.

This is a very interesting
area of research," Treiman said.
"It's really theoretical but with
practical applications. Some of the
things that we're studying can
be incorporated into teaching.

In a forthcoming
forthcoming issue of
the journal Reading

TREIMAN'S PUBLICATIONS
Treiman's research on chil-
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In addition to spelling patterns, Treiman has studied the linguistic basis of spelling errors in typical and developmental children, as well as the methods children use in learning to connect print and speech.

Planning research included a study of the possible benefits to children of computerized input interfaces (found to enhance speech production and language) in deaf children with reading difficulties.

This is a very interesting area of research," Treiman said. "It's really theoretical but with practical applications. Some of the things that we're studying can be incorporated into teaching.

In a forthcoming issue of the journal Reading, Treiman and Kessler wrote. "We do not wish to gloss over the real challenges poses for children.
But it is important to understand the nature of English spelling, and it is seriously misunderstood.

TREIMAN'S RESEARCH
On British schoolchildren, Treiman's research on children's understanding of language and phonology has been supported through grants from the National Institutes of Health and Human Development, the National Science Foundation, the Spencer Foundation and the March of Dimes Birth Defects Research Foundation.

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Olin School honors four alumni, one business

The Olin School of Business honored four alumni and a business in 1864 and has remained in the family for four generations. William O. Douglas — working at night — received the Dean's Medal, awarded for exceptional dedication and service to the University.

Dierberg, vice chairman of Dierberg & Mann, stemmed a mass of business administration degree in 1864. He was the dominant commercial real estate firm in the Midwest. Douglas has been a leading figure in St. Louis City’s leading centers of business education. In 1999, he joined his brother Bob in the family business. Today, the company has 19 locations in the St. Louis area and opened its first store in Missouri in 1864.

Dierberg is among the largest privately held companies in St. Louis and one of the top five florists in the nation.

Martin is chairman emeritus of Colliers, Turley, Martin, Tucker — the dominant commercial real estate service firm in the central United States. He earned a bachelor of science in business administration degree (B.S.B.A.) in 1949 and has been a leader in the real estate field for 40 years. After following his father into the real estate business in 1950, he became a vice president of Stiefel Realty before joining the City of St. Louis in 1955. He became the biggest commercial and industrial real estate firm in the Midwest in 1979. He has worked as a professor, and later became business school dean.

Bob in the family business.

The New York City Opera will debut Harold Bloomfield’s “The Incredible Borgia,” following a 1998 residency at the Bogliasco Foundation’s Centro Studi Ligure, near Genoa, Italy, and completed his B.A. in 1864.

Bloomfield, professor emeritus of music in Arts & Sciences, began Borgia Infanti during a weeklong residency at the Bogliasco Foundation’s Centro Studi Ligure, near Genoa, Italy, and completed his work in St. Louis in 2002.

By ROBERT BATTERSON

The library is by prolific col- laborator Charles Kondolo. Inspired by nine lead singers, choral groups, and orchestras, Borgia Infanti depicts the lives, loves and the crimes of the corrupt yet brilliant Borgia clan. It portrays the most notorious family of the Italian Renaissance. The show opens in 1492 with the coronation of patriarch Rodrigo as Pope Alexander VI, but also focuses on his son Cesare, whose ruthless pursuit of power was immortalized in the writings of Machiavelli, and daughter Lucrezia Borgia, both key figures in the family’s enemies.

"Borgia Infanti is a singers’ opera," Bloomfield said. "Arias every time, duets are widely used. There are scenes of violence and mayhem; scenes of impassioned filial love; street urchins and treacherous comic relief; and moments of transparent, whimsical, wickedness!"

"In the opening scene, a fat man is discovered in the city of Rome, and Rodrigo Borgia becomes pope as pope, and the opera is aroused!"

Borgia Infanti is based on two accounts of the Borgia (1928) by German writer Klubskul (aka Alfred Henschel) and Victor Hugo’s ultra-operative drama La Тур (1909). One of the founding sponsors of the Olin School’s executive master of business administration program at the Fudan University of Shanghai, China.

Tike retired as chairman of two BankAmerica affiliates in 1995 and as chairman of the board of MasterCard International in 2001.

In 1989, he was named president of St. Louis University, which was acquired by Charter Bancha in 1983. In 1985, a merger with Charterman’s brought Tike full circle.

As chairman of BankAmerica’s Credit Card Bank, he was responsible for all credit card operations and their delivery systems for BankAmerica’s. He has been a dedicated supporter of the George Warren Brown School of Social Work for more than 20 years and serves on its national council.

Antony Baume has played a key role in the Olin School’s transformation into one of the country’s leading centers of business education.

In 1989, the Anheuser-Busch Foundation established the August A. Busch B. Distinguished Professorship of Management Economics and Strategy, current- ly held by Jenson Sisvadhi, Ph.D. A decade later, the foundation created the E. John Knight Executive Education Center.

In 2002, the Anheuser-Busch Foundation provided the first unrestricted grant to the Olin School’s executive master of business administration program at the Fudan University of Shanghai.

Campus Composers

Borgia Infanti

Treasure Chest for Science

The Alvin J. Siteman Cancer

Center at the School of Medicine and Barnes-Jewish Hospital is co-sponsoring the Komen St. Louis Race for the Cure June 14. And that means an array of benefits for University students and staff (and their families). The race, which will be held on the 2006-2007 annual report for the St. Louis Community News, Washington University in St. Louis, Madison Avenue, St. Louis, MO 63130-0016. Produced weekly during the school year, except school holidays, and monthly during June, July and August by the Office of the Dean of Students, Washington University, Chicago, IL 60611. Periodicals postage paid at St. Louis, MO.

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Washington University Community News

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Regina Frey is doing exactly what she wants to do — working with faculty and teaching students. "It's been a wonderful experience," she says. "I really enjoy what I do," says Frey, Ph.D., senior lecturer in chemistry and assistant dean in Arts & Sciences and director of the Teaching Center. Frey is passionate about her duties on campus and divides her time equally between the Teaching Center and classroom areas.

She was initially hired to help improve the educational aspects of the general chemistry lecture series — to add more of an educational experience for the students. But after being named associate director of the Teaching Center in 2001, she found an immediate outlet for her marketing and people skills.

Besides teaching courses in general chemistry, Frey helped design the Department of Chemistry Web page, www.chemistry.wustl.edu. The site is integral to her courses, as it includes syllabuses, problem sets, quiz solutions and announcements. One of her goals in designing the site is to introduce a visualization for the general lecture series to help students grasp the chemical concepts.

"Shape is very important in chemistry," Frey says. "For example, for drugs to work, the molecules have to fit perfectly into the active site. Students need to be able to visualize these molecules in 3-D to fully understand them. But traditional molecular diagrams have been shown in 2-D."

When Frey came to the University, one of her first tasks was to begin designing those 3-D images, many of which are in full color on the chemistry Web site. Frey’s other mission has been to make chemistry more accessible and relevant to all students.

"In general chemistry, many of these individuals are in pre-med or engineering and aren’t necessarily going to be chemists," Frey says. "But they need to take chemistry because it’s important to their fields of interest."

"The traditional way chemistry is taught makes it difficult for students to see where they will use chemistry in their future careers," says Frey. With Arts & Sciences collaborators J. Dewey Holton, Ph.D., professor of chemistry, former undergraduate student Rachel Cassidy and undergraduate chemistry lab supervisor Michelle Gilbertson, Frey began to work on a series of interdisciplined Web-based tutorials to show the relevance of chemistry.

"Examples of tutorials include describing the dialysis process in the kidney or the chemical processes involved in vision," she says. "The idea is that students will start to see that the concepts they are learning in chemistry really are important, no matter what field they might eventually enter."

Joseph J.H. Ackerman, Ph.D., chemistry chair and the William E. Buhro, Ph.D., professor of chemistry, says, "The chemistry department considers itself extremely fortunate to have recruited Dr. Frey to the Washington University campus. She has proved to be a stellar instructor and a wise counselor. Wisely, Arts & Sciences has hired Dr. Frey and has hired other faculty members who make this University sparkle." JOSEPH J.H. ACKERMAN

The chemistry department considers itself extremely fortunate to have recruited Dr. Frey to the Washington University campus. She has proved to be a stellar instructor and a wise counselor. Wisely, Arts & Sciences has hired Dr. Frey and has hired other faculty members who make this University sparkle. "While we have done a wonderful job of implementing technology in the classrooms, we are starting to focus more on the design of the classroom itself," Frey says. Along with her staff, Frey began to design the type of classroom that knowledge into something more than just another class. Frey’s other mission has been to make her courses more accessible and relevant to all students.

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"It’s a pleasure taking my experience as a teacher and turning that into well-designed courses that can benefit both students and professors," Frey says. "Many of our courses are designed to help students learn better and teachers improve their teaching." Regina Frey is married to William E. Buhro, Ph.D., professor of chemistry and Arts & Sciences. The couple’s 12-year-old son, Walter, is an avid football player.

Washington University in St. Louis

BY NEIL SCHONHERR

Washington People

Regina Frey, Ph.D. (right), senior lecturer in chemistry and assistant dean in Arts & Sciences and director of the Teaching Center, discusses chemical equations with Carolyn Jones Otten, a doctoral candidate in chemistry.