Stephan Schindler, Ph.D., associate professor in the Department of Germanic Languages and Literatures in Arts & Sciences, was originally aimed at helping freshmen adjust to the college life. But the program has changed since the recent tragedies, said Melanie Osborn, assistant director of new student orientation. Osborn and health educator Stephanie Habl have been working closely with Zwerling Wrighton to help facilitate Home Plate.

"...we worked with Risa to backtrack a bit and open Home Plate to all students," Melanie Osborn.

"After what happened on Sept. 11, we worked with Risa to backtrack a bit and open Home Plate to all students," Osborn said. "When you go away to school, it's the little things that you never really thought about that you find yourself longing for. We want to help students find a family environment and provide them with the little touches of home they are missing."

Area families or couples can volunteer to serve as host families for students. Osborn said the idea is to have each family meet with their student at least three times a year for home-cooked meals and talk around the table. A personal experience inspired Zwerling Wrighton to initiate Home Plate.

"I am a mother of a college-aged daughter who had to deal with many adjustments in her freshmen year, one of which was homesickness," Zwerling Wrighton said. "I remember being so glad when I learned that a professor

Retirees' luncheon honors dedication, commitment

BY JESSICA N. ROBERTS

"We have some of my greatest memories at Washington University," said Karen Baker, a 20-year veteran of the Hilltop Campus. "From my early days with Harriet Switzer, Ralph Morrow and Gloria White, to my recent days with Ed Macias and Ann Prematt, I've loved everyone. My wonderful colleagues have always been people who've supported me throughout the years."

Baker is ready to begin the next chapter of her life with gusto. Having relocated to the Lake of the Ozarks, Baker is volunteering at the local hospital and her church. Baker has even taken on a part-time job at the local outlet mall by the lake.

Baker, former manager of faculty records, was one of 59 retirees from the Hilltop and Medical campuses honored Sept. 19 at the annual retirees' luncheon in the Whittemore House. Chancellor Mark S. Wrighton hosted the event, which was coordinated by Blanche M. Johnson, employee relations representative, and Prematt, executive director of human resources.

Each retiree received a commemorative walnut plaque signed by Wrighton. Presenters included Shirley K. Baker, vice chancellor for information technology and dean of University Libraries; David T. Basinger, vice chancellor of alumni and development programs; Michael R. Cannon, executive vice chancellor and general counsel; Edward S. Macias, Ph.D., executive vice chancellor and dean of Arts & Sciences; William A. Park, M.D., executive vice chancellor for medical affairs and dean of the School of Medicine; and Richard A. Roloff, executive vice chancellor.

After a moment of silence for the victims of the Sept. 11 terrorist attacks, Wrighton praised the retirees for their service to the University.

"The people retiring today did a wonderful job for the institution and for its students," Wrighton said. "We are in your debt for the work you have done."

He added that he hoped the retirees would still continue to be active in the life of the University community through events and programs such as the Assembly Series and the Lifelong Learning Institute.

"We're grateful that you made the University so strong and so
Disaster relief efforts continue around campus

The need for blood donations around the nation is still great. The University's third blood drive this year, co-sponsored by Alpha Phi Omega and Circle K, will be held Oct. 1-4 in Mallinckrodt Student Center and Wohl Student Center. Donors can sign up in advance or just show up. For more information, contact Christy Kaiser (ckaiserc@arts.wustl.edu) or Nathalie de vos Burchart (schmuff_pup@hotmail.com).

Blood drive dates, times and locations are:
- Oct. 1, noon-5 p.m., Gorgely, Mallinckrodt Center;
- Oct. 2, 4-9 p.m., Friedman Lounge, Wohl Center;
- Oct. 4, noon-5 p.m., Gorgely, Mallinckrodt Center;
- Future blood drives will be held Oct. 29-Nov. 1, Jan. 28-31, March 26-28 and March 29-30. For additional American Red Cross Mobile drive locations, call (800) GIVE-LIFE.

A weeklong fund-raising event run by the Olin School of Business' Graduate Business Student Association raised $3,656 for the Red Cross "September 11 Fund." Attendees are encouraged to make a donation, but it is not mandatory. WILD will feature a raffle of gift certificates, signed merchandise from athletes and tickets to local attractions, as well as games, music and student activities.

All money donated will go to the Red Cross "September 11 Fund." For more information, call 935-4095.

Campus Security Report available online by Oct. 1

Washington University is committed to assisting all members of the University community in providing for their own safety and security. Information about safety and security, including the annual report required by the Campus Security Act, will be available on the University's Web site by Oct. 1.

The annual report includes information on campus crime statistics, security improvements, crime prevention, crime alert system, drug policy, alcohol policies, sexual assault, and crime prevention. The report for the Hilltop Campus and off-campus properties is available at police.wustl.edu.

The event was initiated by Rebecca Copeland, Ph.D., and Kathleen Kenney, Ph.D., both invited professors in the Department of Asian & Near Eastern Languages and Literatures in Arts & Sciences. The gathering is open to the public and will include speakers from the Religious Studies Program and Jewish Studies Program, both in Arts & Sciences.

Human genome to be introduced to nonscientists

The Human Genome Project: Expanding the Conversation..."preliminary findings," is slated for Jan. 28-29. Three related colloquia are scheduled for March 22, April 3 and tentatively April 12-13. Keynote speakers for the January conference include Francis S. Collins, M.D., Ph.D., director of the National Genome Institute; Susan M. Olin, Ph.D., Stansel University professor of chicano studies; Michael Troyer, J.D., president of the American Law Institute; and Nancy S. Wexler, Ph.D., professor of neurosciences at Washington University and president of the Hadassah Medical Organization.

For more information, call 935-7988 or visit the Web site, ls.wustl.edu/centeris.
to improve disease management. "But that could change if the future virus adapts to mosquitoes that prefer to hit humans more than birds," said Michael Diamond, M.D., Ph.D., associate professor of medicine, molecular microbiology, pathology and immunology. "At present, West Nile Virus is a lesson and an opportunity to improve our public-health surveillance systems and disease preparedness," Huang said.

The arrival of West Nile Virus in the United States and now the Midwest — presents a rare opportunity to study how viruses can spread from one country to the next, according to Henry V. Huang, Ph.D., associate professor of molecular microbiology at the School of Medicine. Huang has closely followed the dispersal, detection and surveillance of West Nile Virus.

"The introduction of West Nile Virus into the United States in 1999, causes illness in only a small number of people who become infected by it."

"And because patients who were given the drug were ready to go home sooner, it follows that the drug has the potential to lower hospital costs."

"West Nile Virus has never had contact with the birds and mosquitoes in the Americas, and it was to adapt to a species of mosquito that regularly bites humans, the number of human cases could rise. We also don’t know what may happen when the virus moves down through Central and South America and into countries with human populations there.

"We don’t know yet how it will impact physicians in a country facing the prospect of war and human rights abuses in Afghanistan. Students at the conference also honored Paul Ambrose, M.D., an former American Medical Association director who died Sept. 11 at American Airlines Flight 77.

Drugs in development at the University of Medicine and Dentistry of New Jersey in Newark, New Jersey, include medicines that target the virus’s enzymes and are designed to block viral RNA replication or stop the virus from entering cells or spreading.

"Although there are no treatments for West Nile Virus, early recognition and medical treatment can be effective in preventing serious illness and death. The earlier people seek medical care, the better their outcome is likely to be."

The findings were made possible through the collaboration of researchers from the University of Medicine and Dentistry of New Jersey, Newark, New Jersey, and the University of California, San Francisco, who sequenced the entire genome of the virus to identify its genetic changes. The researchers then used this information to develop drugs that could target the virus’s replication and entry into host cells.

"We found a new drug that prevents West Nile Virus from entering cells and also inhibits its replication inside infected cells," said lead author Robert W. Roehrig, Ph.D., associate professor of microbiology and immunology at the University of Medicine and Dentistry of New Jersey.

The researchers report that the drug, called T-20, blocks the actions of the virus’s enzyme that allows it to enter cells. The drug also blocks the actions of another enzyme that allows the virus to replicate inside cells.

"These findings provide new insights into the mechanisms by which the virus enters and replicates in cells," said senior author Carol A. Landgraf, Ph.D., professor of pharmacology and neuroscience at the University of Medicine and Dentistry of New Jersey.
various backgrounds and
tions, a Spanish-language
was president and chief operating

executive officer of American
Development (HUD), will speak
at 11 a.m. Oct. 3 in Graham

Cisneros holds bachelor’s and
master’s degrees in urban and
master’s in public administration from
Harvard U. Anheuser-Busch Hall.

1 p.m. Law school constitutional

5:15 p.m. Pediatric Grand Rounds. "The
Family and the Child in the 21St
Mobilization System." Katherine
Gomberg, baylor College of Medicine.

11 a.m. Pulmonary and Critical Care
Medicine Grand Rounds. "The
Pathogen Gain the Upper Hand?"
Tricia Cottrell, Doering lab.,

5:15 p.m. Obstetrics and Gynecology
research seminar. "Use of dsRNA Interference to Suppress
Cryptococcus neoformans in Mice." Linda G. Toranzos, prof. of microbiology.

6:15 p.m. Anesthesiology research
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10 a.m. Oratory and Debate Department.

4 p.m. Biology seminar. "Genetic Analysis of Plant-pathogen Interactions: How Does the Pathogen Gain the Upper Hand?" Barbara Kuhnel, prof. of biology, Room 322 Pasquer Hall. 566-4650.

4 p.m. Immunology Research Seminar
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Scrap Arts Music launches 'ovations! for young people' series

By LAMON OTTEN

Scrap Arts Music, a Vancouver-based percussion ensemble that performs on instruments built from recycled and salvaged materials, will inaugurate the Edison Theatre's newly revived "ovations! for young people" series with an Oct. 6 concert. The Vancouver-based percussion ensemble performs on instruments built from recycled and salvaged materials.

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education from the University of Doenseldorf. He earned his doctorate in 1990 from the University of California, Irvine, in German literature and film. Schindler then taught for a year at Princeton University before coming to Washington University. Wife Mary, who was born in the United States, works as a regional operations manager for a computer-based testing company.

"I like living in this country so much that after having that summer in Germany, I realized I felt more at home here than in Germany," Schindler said.

While Schindler has plans to make his garden to be even better next year, he also has several items he would like to pursue while living on the South 40. The first thing is that I want to bridge the gap between the Hilltop and the South 40," he said. "That seems to be also an idea that comes from the students.

To help bridge that gap, the Schindlers have started hosting a bi-weekly dinner for students. The couple also has a dog, Miles, andgan on four legs. Students can sign up to walk Miles if they'd like.

"Those things just help to make the transition from high school and living at home to living at a residential college a little easier," Schindler said. "We aren't replacing the family, but we can give the students a place for some security.

Another area Schindler would like to focus on is academics.
**Notables**

**Introducing new faculty members**

The following are among the new faculty members this fall, and they will be introduced periodically in this space.

Raj Mashruwala, assistant professor of engineering, joined the Olso School of Business, comes from the University of Texas at Dallas, where he taught accounting, management information systems, cost management, and accounting for managers. Among his research interests are the role of nonfinancial management accounting, management measurement, business value models, executive labor and capital markets and the impact of information technology on performance. Mashruwala earned his doctorate degree in engineering in 1991 from the Louisiana State University. He is a member of the American Accounting Association, the Institute of Management Accountants and the Council of Business Schools.

Christopher Alan Bracey, J.D., joins the School of Law as an associate professor. Most recently, he was a visiting assistant professor at Northwestern School of Law. His areas of expertise include bankruptcy, advanced criminal procedure, and race relations law. Bracey earned his Ph.D. degree in sociology from the University of North Carolina at Chapel Hill in 1992. In 1995, he earned a juris doctorate from Harvard University School of Law, where he served as supervising editor of the Harvard Law Review and as general editor for the Harvard Journal of Civil Rights Civil Liberties Law Review and the Harvard Blackletter Journal.

F. Scott Kieff, J.D., joins the School of Law as an associate professor. Most recently, he was a visiting assistant professor at Northeastern University School of Law. The co-author of two books, Kieff's research interests also include technology and law, e-commerce, antitrust, contract, antitrust and complex litigation. In 1991, he earned a bachelor's degree in biology from the Massachusetts Institute of Technology, where he received a two-year National Science Foundation fellowship for research in molecular genetics at the Whitehead Institute. In 1994, Kieff received his J.D. at Harvard Law School, where he is a member of the Pennsylvanians for Law.

Al. P. Reddy, J.D., received the School of Law as an associate professor. Most recently, he was a visiting professor at the firm Irell and Manella LLP in Los Angeles. His research interests include corporate, intellectual property, contracts, antitrust and civil procedure. Kieff's research interests also include technology and law, e-commerce, antitrust, contract, antitrust and complex litigation. In 1991, he earned a bachelor's degree in biology from the Massachusetts Institute of Technology, where he received a two-year National Science Foundation fellowship for research in molecular genetics at the Whitehead Institute. In 1994, Kieff received his J.D. at Harvard Law School, where he is a member of the Pennsylvanians for Law.

**GBW to present annual awards at banquet**

By ANNE RICHARDSON

The George Washington Board of School Work (GBW) will host its annual banquet on Oct. 1 where it will honor two distinguished alumni, award two additional alumnus awards, and present the first annual awards.

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Tina R. H. Stiffman, a member of the GWB and a former Dean of the School of Social Work, will be honored with the Distinguished Alumni Award. Stiffman served as the Dean of the School of Social Work from 1972-1992, where she was a leader in the development of social work education and was a respected leader in the field of public health social work.

The GWB will also present the annual alumnus award to two distinguished alumni. The first alumnus award will be presented to the GWB's first alumnus, who has made significant contributions to the field of social work. The second alumnus award will be presented to an individual who has made significant contributions to the field of public health social work.

The GWB will present the first annual alumnus award to a distinguished individual who has made significant contributions to the field of social work. The award will be presented to a member of the GWB who has served the organization for more than 20 years and has made significant contributions to the field of social work.

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**Washington People**

Jill D. Pasteris, Ph.D., professor of earth and planetary sciences in Arts & Sciences, began her geology career studying rocks from the Earth’s mantle and today is making fascinating discoveries about bone, teeth and minerals on the sea floor. She has traversed this less-traveled road thanks to a vehicle that has brought her prominence across disciplines and nations as well.

The vehicle is a spectroscopic instrument called the laser Raman microprobe. It's a powerful microscope and an equally potent laser, allowing Pasteris and her colleagues to analyze minerals and other particles in the micrometer range—that's one-thousandth of a meter.

As a young geologist, Pasteris learned to appreciate the power of microscopy from her mentor Charles B. Kipfer at Bryn Mawr College and from a legendary master, Paul Ramdohr of the University of Heidelberg, Germany. Thanks to a 1974 Fulbright Fellowship, she spent a year working with him. That was between finishing her father’s doctoral degree at Bryn Mawr and enrolling in the doctoral program in geology at Yale University.

At Heidelberg, I looked at all sorts of ore deposit rocks under the microscope,” said Pasteris in her third-floor office. "Dr. Ramdohr suggested I get a Ph.D. in mineralogy, and I chose South African kimberlites.”

Kimberlites are rocks from which diamonds are recovered. They dip through the Earth’s mantle, some 100 to 200 miles below the surface. She and her colleagues studied kimberlites and noticed tiny, microscope-sized packages of fluid known as fluid inclusions trapped within some of the minerals.

"I asked: Wouldn't these fluids be a great way to help us understand what's going on and how the diamonds are stabilized?" Pasteris said. "You might think of cracking the minerals, extracting the fluids, but this leads to contamination. The laser Raman microprobe could be used if you took a laser beam and dot right on the inclusion you're looking at. It’s unbreakable. You don't have to mess up the sample.”

Pasteris came to Pennsylvania in 1980. Within three years, with help from the University, the National Science Foundation, Monsanto Co. and others, she bought a laser Raman microscope, the first one in the country to be deployed in a geology department. Since then, she has purchased two others that her colleagues have purchased, as well.

They were approached by Harry Young, M.D., the William J. Leroy Young Professor of Orthopaedic Surgery, to load a sample for analysis by the laser Raman microprobe in Pasteris’ McDonnell Hall laboratory.

**Jill D. Pasteris, Ph.D.**

**Born:** Philadelphia  
**Title:** Professor of earth and planetary sciences in Arts & Sciences  
**Family:** Husband, Arthur; daughters, Jennifer and Jessica  
**Hobbies/interests:** Hiking with her children in Colorado; reading, at all times, science fiction and popular science journals such as Science News and Scientific American; listening to classical music

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**Novel applications of technology**

Jill D. Pasteris, Ph.D., has broken new ground through her studies using the laser Raman microprobe.

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The Pasteris family (clockwise from left): Jill, Arthur, and fraternal twins Jessica and Jennifer.

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**Jill D. Pasteris, Ph.D.**

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**By Tony Fitzpatrick**

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**Record**

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**Washington University in St. Louis**

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**Sept. 28, 2001**