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Washington University Record, March 24, 1994

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Hillary Rodham Clinton visits University

Healthcare reform is topic of the day

"Hillary Rodham Clinton has redefined the role of first lady," said Chancellor William H. Danforth in his introduction of Clinton to a packed Field House March 15. The response to his remark was a loud "yes!" from someone in the crowd and the first of many spontaneous rounds of applause during the first lady's approximately 30-minute address on healthcare reform.

Clinton returned the compliment to Danforth. "This University and this community, particularly the healthcare system that I just visited, is a symbol of excellence around the country," she said, "and I want to salute one of the people who has made that possible over the last years — your chancellor, Chancellor Danforth."

After that, Clinton was all business and proceeded to the topic of the day — healthcare reform. Noting that healthcare reform is not new to U.S. history, she referred to the efforts of past presidents, including Theodore Roosevelt, Franklin Roosevelt, Richard Nixon and Harry Truman, noting that Truman's speeches in the 1940s could still be delivered today. The challenge is the same, she said: How to provide high-quality healthcare to all Americans at an affordable cost.

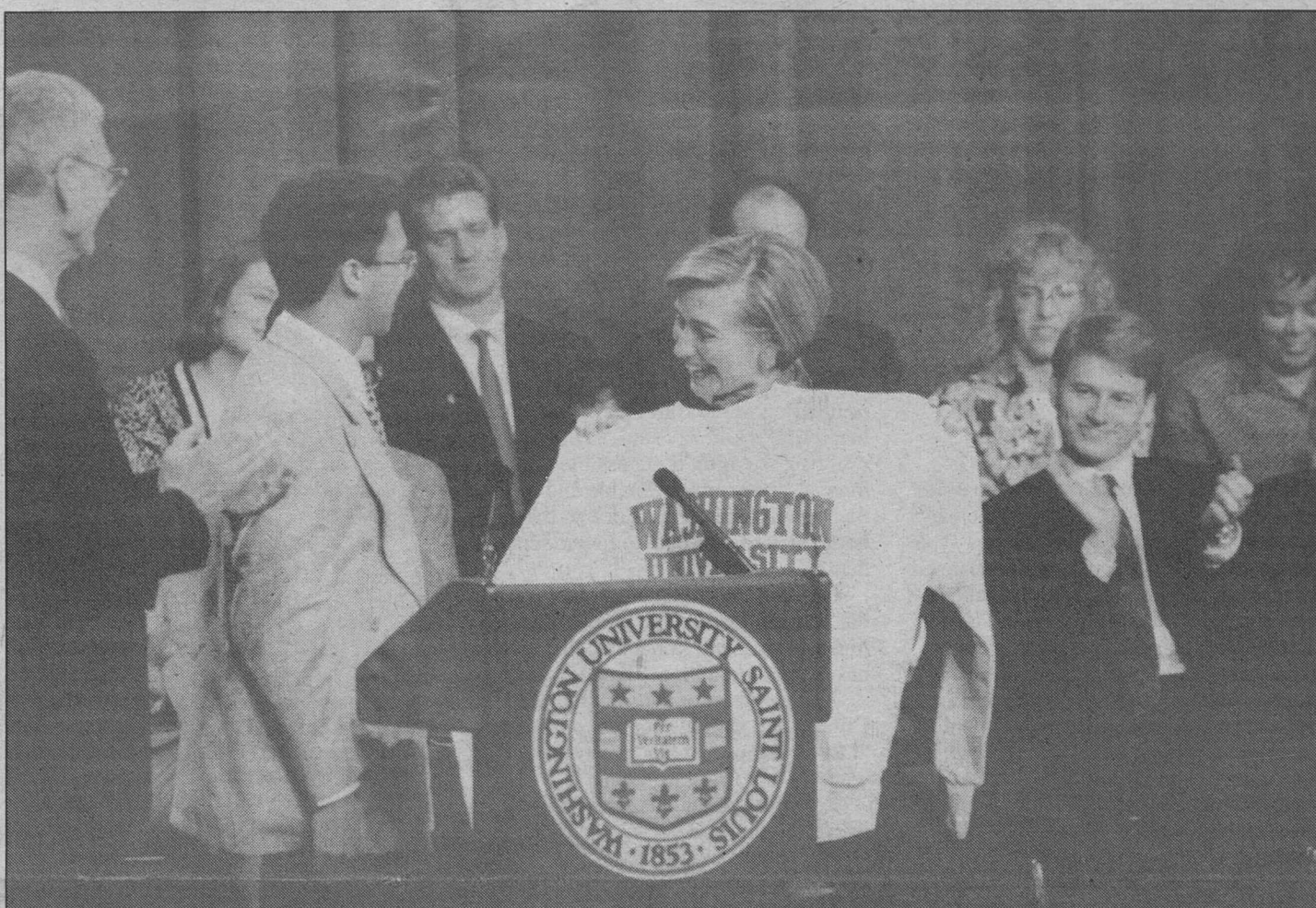
"We have tried to address this issue many times in the past under the presidential leadership of both Democrats and Republicans," she said. "But we have never been able to finally resolve what happens to be one of the most important questions for any society: How do we fairly allocate our healthcare resources so that every citizen is guaranteed that their healthcare needs will be met? This time, this historic opportunity is calling to us. How can we, as the richest country in the world, be the only one of our industrialized competitors to have not figured out how to provide healthcare to every one of its citizens?"

Clinton highlighted five major features of the president's proposal:

1) *Guaranteed private insurance for every American with comprehensive benefits that stress primary and preventive healthcare, as well as care for acute medical needs.*

"The president has not proposed a government healthcare system," she said. "He has proposed building on the public/private system we have in our country today, but making sure that we guarantee private healthcare to all of us."

2) *Elimination of insurance practices that discriminate against Americans.*



Senior Abraha Taddese presents Hillary Rodham Clinton with a Washington University sweatshirt. During Clinton's March 15 stop at the University, she visited the School of Medicine and outlined the president's healthcare reform proposal before a crowd in the Field House.

"Some Americans are unable to attain insurance at any price because of what are called pre-existing conditions," she said. "Most Americans with pre-existing conditions — and there are over 80 million of us — can get insurance, but at a very high price. So what the president wants to do is eliminate pre-existing conditions so that all of us, no matter if we have ever been sick before or have any kind of ailment, will be eligible for insurance at an affordable price."

Clinton pointed out that researchers are identifying the genes responsible for a number of medical conditions. "So if we do not reform the insurance industry, very soon none of us will be eligible for insurance because of our gene makeup," she said.

Another insurance practice the president wants to eliminate is lifetime limits, she said. In the fine print of most insurance policies are clauses that make policyholders ineligible for further reimbursement after they reach certain levels of coverage. Some limits are as low as \$50,000, she said.

"But those limits come into effect when you need your insurance the most," she said. "I have sat and talked with families who have — often to their surprise — discovered in the midst of a medical emergency their insurance has run out."

Still another insurance practice that needs reform, she said, is favoring young people and discriminating against older people, who pay staggering insurance premiums or who aren't accepted for coverage at all.

"If you are young, as many of our students are today, that may seem like a good deal," she said. "The problem is most of you will be 55 some day."

3) *Guaranteed choice of doctor and health plan.*

"This has been an issue that has probably received more misinformation than

any other because in this current marketplace there is a lot of confusion about what kinds of choices will be available to you as a consumer," she said.

But choice is diminishing even today, she said. Americans are told by their employers and insurance companies which doctors they can see and which hospitals they can use. For example, she said, more and more insurance policies are eliminating children's hospitals for coverage.

"Why? Because a children's hospital, which sees very sick children — chronically ill children — is expensive," she said. "It has to be in order to have the concentration of specialists and technology necessary."

Under the president's approach, she said, individuals will choose their own

Continued on page 6

Students react to first lady's speech

About 30 University students shared the spotlight with Hillary Rodham Clinton March 15. The students were invited to sit on stage in the Washington University Field House while the first lady delivered her healthcare reform speech.

Senior Abraha Taddese, a classics and biology major and president of the pre-medical society, introduced each student, who shook hands with Clinton. Taddese drew applause when he presented the first lady with a Washington University School of Medicine sweatshirt. Clinton also returned to the White House with a compact disc from the "Hot Docs," a band of medical students, residents, physicians and faculty members who played before Clinton's speech, and an autographed basketball presented by senior Carletta Taylor, captain of the women's basketball team. The basketball team had just made the Final Four.

After the festivities, the students reflected on Clinton's healthcare reform proposal. The following is a sampling of their opinions.

Eric Bailey, senior in nursing (Russellville, Ark.) — "Mrs. Clinton seems to be a very good salesperson. The speech in general was convincing but I am afraid a lot of questions remain unanswered."

Continued on page 7

'Hot Docs' sizzle on Field House stage

Dressed in blue-green scrubs and white lab coats, the 17-member medical contingent on the platform with first lady Hillary Rodham Clinton looked ready to perform major surgery. Actually, the "Hot Docs" merely were ready to perform their first number. The gleaming metal instruments they held were brass instead of stainless steel, but their clean, scalpel-sharp sound was good medicine for the gathering that awaited the first lady's arrival.

From the first swinging strains of the big band classic "Flying Home" to their rousing finale of Benny Goodman's "Sing! Sing! Sing!" the "Hot Docs" breathed extra life into the already enthusiastic crowd.

"The group is about 14 years old," said "Hot Docs" leader David L. Jaye, M.D., a research fellow in pathology at the School of Medicine. "It was started by a group of medical students and has grown over the years. The band has performed for Medical Center events, for weddings and charity events, and for many other places around town."

Although all of the original group members have moved on, the "Hot Docs" still thrive as an enjoyable extracurricular activity for musically inclined students with a penchant for big band. The group now comprises medical and graduate students, medical residents and fellows, and several attending physicians and

Continued on page 2

In this issue ...

Merits of exercise 2

During a visit to the School of Medicine, Hillary Rodham Clinton talks with participants in the Exercise and Aging Program

The basics of biology 3

As director of the University's Human Genome Center, David Schlessinger, Ph.D., helps map the body's gene makeup

Mixed reviews 7

Faculty express their opinions about the healthcare reform proposal

Medical Update

First lady learns about exercise, aging at medical school

During a visit to the School of Medicine, Hillary Rodham Clinton learned firsthand about the merits of exercise for older people. She met with a group of about 20 people, ages 62 and older, while they were building biceps and increasing their flexibility in the medical school's Exercise and Aging Program.

"I thought Mrs. Clinton was very happy and glad we were doing so well in the exercise and aging study. We were all just thrilled and happy as could be to meet her," said Olivette Veal, 84, who has been in the program for about three months. Veal demonstrated some stretching exercises for Clinton.

Veal used a cane when she started in the program. Now she can walk half a mile without it.

Circling the room, Clinton asked participants how long they had been in the program, how exercising had helped them and whether they were taking medication.

The exercisers were working out on stairmasters, stationary bicycles, treadmills and other exercise machines.

Dorothy Owens, 74, talked with Clinton about how much the program had helped her. After five years of participating in the program, Owens, who has Type II diabetes, now is completely normalized.

Clinton told a few of the cyclists they were groundbreakers because the information from this program would help other people.

John Holloszy, M.D., professor of applied physiology in the Department of Internal Medicine, leads the Exercise and Aging Program. He and other researchers are studying the extent to which exercise training reverses the loss of function associated with aging. They also are investigating whether certain physical changes, such as osteoporosis, high

blood sugar levels and poor cardiopulmonary function, are reversed by exercise.

The program, funded by a five-year program project grant from the National Institute on Aging, is in its final year. During the study, researchers are monitoring the effects of exercise on cholesterol metabolism, heart function, bone mass and muscle strength.

Clinton talked with Holloszy and Wendy Kohrt, research assistant professor in the Department of Internal Medicine, about how the combination of exercise and nutrition are an investment in prevention. "But from a lot of surveys," Clinton said, "we're finding that doctors are not prescribing exercise and nutrition."

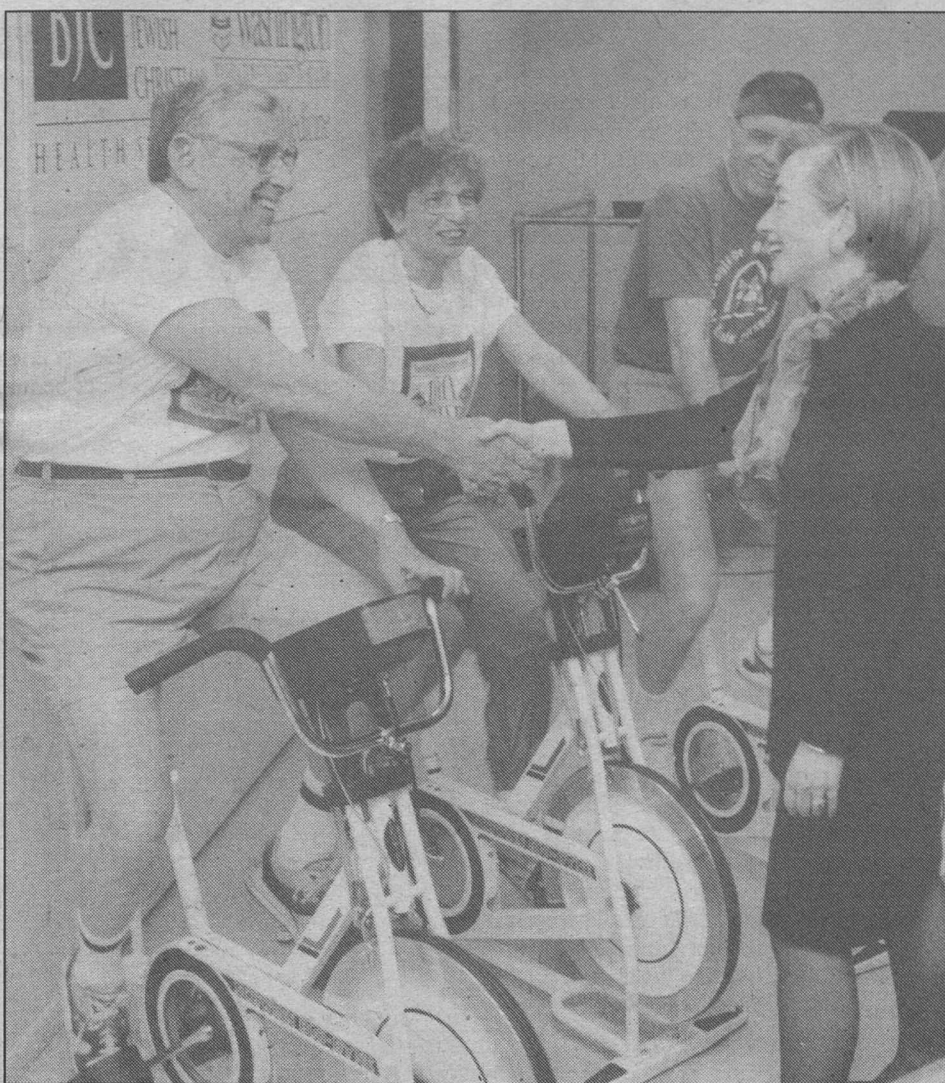
Some of the exercisers Clinton met are part of a new exercise study that involves the more frail elderly — people who are 80 and older. This project, which began a few months ago, is designed to determine whether stretching, aerobic exercise and weight training can help people in this age group remain active and independent.

"We believe that much of the decline in function in the frail elderly is a result of inactivity," Holloszy said. "Through exercise, we think it is possible to make them stronger, more flexible and increase their endurance and balance so they are better able to continue to live independently."

One exerciser, Hudson Jones, 82, said the program had taught him to exercise muscles he didn't know he had. "It really has helped me with my balance," he said.

Jones said he was impressed that Clinton had visited program participants. "I think it's nice of her to come find out what the old folks are doing."

Kohrt said Clinton seemed to be very interested in the program. "Hopefully, we'll get the message across that this is a very effective way to keep healthcare costs down," she said.



During her visit to the School of Medicine, Hillary Rodham Clinton meets (from left) George and Milly Jost and Bill Seib. They are participants in the Exercise and Aging Program.

During her medical school visit, Clinton also discussed healthcare reform with students, faculty and administrators in a closed meeting in the medical school library.

William A. Peck, M.D., executive vice chancellor for medical affairs and dean of the School of Medicine, said Clinton addressed concerns about the future of academic health centers, the future of biomedical research, the future of indigent patient care and a host of other issues.

"If I were to come away with an overall impression of the meeting, I would say she evinces strong support for the missions of academic health centers, including top quality patient care, research, education and community service. She also supports biomedical research in general," Peck said.

— Diane Duke

'Hot Docs' spotlight School of Medicine's versatility — from page 1

faculty members. As such, having the "Hot Docs" play fit beautifully with the healthcare theme of the day.

"We have a very versatile Medical School," Chancellor William H. Danforth told the appreciative audience after the band's performance. Clinton later quipped that she was relieved to learn the "Hot Docs" was a band and not a group of angry physicians. She also graciously accepted the group's current compact disc recording, which she said she would listen to with the president.

With the traditional mix of saxophones, trumpets, trombones, keyboard, drums, bass and guitar, Jaye said this vintage music possesses a charm all its own. "It's kind of a rarity now," he said. "That's part of the appeal. Of course the reason we're here today is because it was a natural with Mrs. Clinton's talk about healthcare reform. I'm sure a lot of the other bands on campus are outstanding; we were really privileged by coincidence."

Coincidence or not, the excellent musicianship displayed by the "Hot Docs" Tuesday made it easy to forget they were not full-time musicians. Playing for the first lady of the United States and several thousand onlookers in addition to setting up equipment and warming up in the midst of ultra-tight security would be a difficult task even for veteran performers. But the event proved inspiring for audience and band members alike.

"We've played for a lot of people," said pathology assistant Mark A. Watson, who has been the band's drummer for about five years and gets a real rhythm workout in the "Sing! Sing! Sing!" finale. "We've played at the Fox Theatre and cut our own compact disc, but this event tops that."

Any individual or group at the University interested in having the "Hot Docs" perform is encouraged to call 362-8278 for more information. — Jim Russell



Hillary Rodham Clinton accepts a compact disc recording of the "Hot Docs" from the band's leader, David Jaye. The "Hot Docs," a group of medical students, residents, physicians and faculty, played before Clinton's address.

Record

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Record (USPS 600-430; ISSN 1043-0520), Volume 18, Number 24/March 24, 1994. Published for the faculty, staff and friends of Washington University. Produced weekly during the school year, except school holidays, and monthly during June, July and August by the Office of Public Affairs, Washington University, Campus Box 1070, One Brookings Drive, St. Louis, Mo. 63130. Second-class postage paid at St. Louis, Mo.

Address changes and corrections:

Postmaster and non-employees: Send to Record, Washington University, Campus Box 1070, One Brookings Drive, St. Louis, Mo. 63130.

Hilltop Campus employees: Send to Office of Human Resources, Washington University, Campus Box 1184, One Brookings Drive, St. Louis, Mo. 63130.

Medical Campus Employees: Send to Payroll Office, Washington University, Campus Box 8017, 660 S. Euclid, St. Louis, Mo. 63110.

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Washington People

Schlessinger directs human genome project

Forty years ago most people had not even heard of molecular biology. The field was so new that one of its founding fathers used to have to go through his labs at Harvard University asking his graduate students if they could write up completed research projects just so enough articles could be pulled together to put out a new issue of the *Journal of Molecular Biology*.

The man making the inquiries was James D. Watson, co-discoverer of the structure of DNA and a newly minted Nobel laureate. Watson was one of the founders of the *Journal of Molecular Biology*. He also happened to be David Schlessinger's thesis adviser at the time. "The initial issues of the journal were published sporadically and were very thin," Schlessinger said. "That's hard to imagine today."

Interest in molecular biology has exploded during the last decades. The *Journal of Molecular Biology* became one of the premier sources for up-to-date reports on what was happening in the field. Schlessinger, now a professor of molecular microbiology, medicine and genetics at the School of Medicine, learned his trade from the best in the business. He has passed on that knowledge to dozens of

graduate students, postdoctoral fellows, fellow faculty members and the international visitors who so often are made welcome in his lab on the seventh floor of the McDonnell Medical Sciences Building.

Schlessinger's curiosity about what would ultimately be called molecular biology began in the early '50s. As Schlessinger was preparing to enter the University of Chicago in the fall of 1953, Watson, an alumnus from that institution, was creating quite a stir with a new proposal for the structure of the molecule of life — DNA. Watson and Francis Crick presented their now famous double helical model of DNA in a landmark 900-word manuscript published in the British journal *Nature* on April 25, 1953. Schlessinger

not only knew about the Watson-Crick paper, he studied it in college shortly after it was published. The "Natural Sciences" course was taught without textbooks. "All teaching was done from original papers," he said. The course was useful, he said, because it encouraged a skeptical attitude and a tendency to evaluate materials — traits that are helpful as a scientist.

Schlessinger received a bachelor's degree in liberal arts from the University of Chicago in 1955. Chemistry attracted his attention, so he got a second degree from Chicago in that field in 1957. "I majored in chemistry, but most of the physical chemistry that I enjoyed was too hard to do as a career," he said. "I started to work as a technician part time in a microbiology lab and found it absolutely fascinating."

He decided he wanted to study the new science of molecular biology, so he applied to Harvard University's graduate school as one of the first classes of Watson's graduate students. Although the two shared a common alma mater, they had not met before Schlessinger entered Harvard. He arrived just as things in the field of microbiology and genetics were getting exciting. As is the case today, there was overlap between these disciplines, as most of the early experiments in genetics were done in bacteria. And the work in genetics during the 1950s and 1960s gave birth to the tools of molecular microbiology. "Those were very lively days because everything was wide open," he said. There were very few biochemistry departments at the time. Harvard had just formed a committee on biochemistry the year before Schlessinger was admitted.

When Schlessinger began graduate school, one of the unresolved questions facing scientists was how DNA gave rise to proteins. Watson's group had undertaken a project designed to probe that problem. Under Watson's sponsorship, Schlessinger began to study ribosomes, cellular organelles involved in building proteins. He also was involved in some of the first successful attempts to make protein

outside of cells, a feat now done with relative ease.

Schlessinger's work on protein synthesis earned him a doctorate in biochemistry at Harvard in 1961. That opened the door to two years in Paris as a National Science Foundation postdoctoral fellow in the Pasteur Institute laboratory of two Nobelists, Jacques Monod and François Jacob. Monod and Jacob earned distinction and shared the Nobel Prize in 1965 for discovering fundamental rules about how genes are regulated.

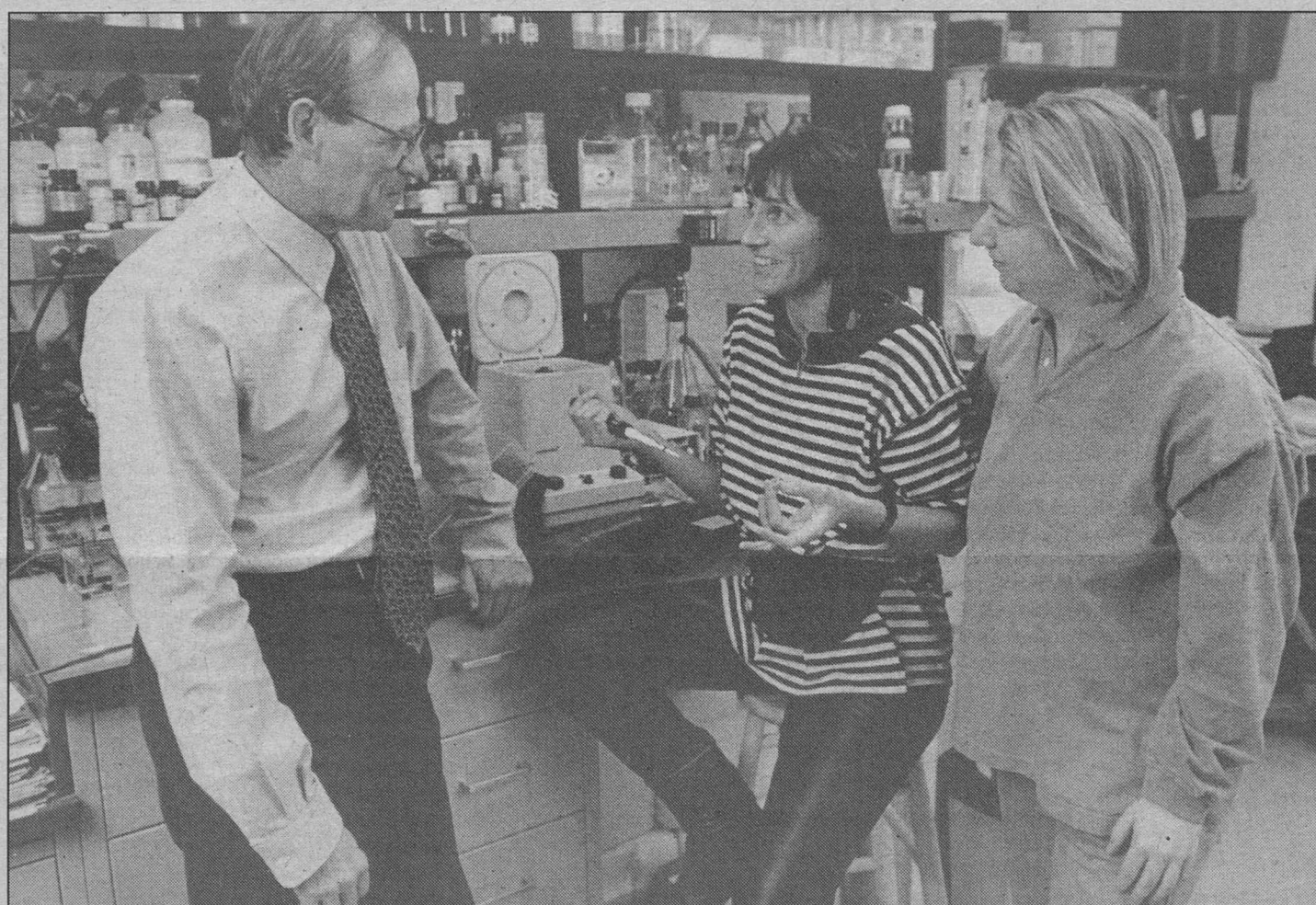
Schlessinger considers himself fortunate; he had excellent mentors and worked his way into an exciting branch of science. "I had the best possible background when I arrived in St. Louis as a 'wet-behind-the-ears' instructor," he said. Schlessinger arrived in St. Louis in 1962. The Department of Molecular Microbiology recently had become a victim of its own success. A group of prominent scientists had left the department for Stanford University. Schlessinger and his fellow young faculty members set out to rebuild the department.

Throughout his Washington University career, Schlessinger's research has been dominated by microbiology, genetics and molecular biology. He pursued projects on

sequencing genes. One of the center's biggest contributions to the gene mapping project is the development of tools that scientists around the world are using to probe the genome. Yeast artificial chromosomes (YACS), developed at Washington University in the group of Maynard V. Olson, Ph.D., have made it possible for researchers to study very large portions of the human genome. Many human genes span regions that, prior to the development of YACS, were too large to clone. Using YACS, researchers can introduce large portions of DNA into yeast chromosomes that adopt and clone the introduced DNA. The clones then can be overlapped to reconstruct maps of large regions of the genome. YAC technology proved indispensable for scientists tracking the genes involved in Huntington's disease, cystic fibrosis, neurofibromatosis and fragile X syndrome. This technology now dominates genome work, Schlessinger said. And on any given day, scientists and technicians in the center can be found shipping YACs to researchers around the world. "I'm very proud of the fact that our center has provided a lot of the techniques and materials that have become the hallmark of the project everywhere."

Much of Schlessinger's work in the genome center is administrative, a task he says he doesn't mind because he realizes others did it for him while he was doing experiments.

Although he rarely does experimental work now, Schlessinger directs a lab that is studying features of the X chromosome, extending the work of the center that is mapping the entire X chromosome. The goal is to combine several maps of the X chromosome — each providing a different kind or level of resolution — into a single map. The work will help scientists who want to know where genes are located on the X chromosome. With more than 60 percent of the X chromosome mapped, scientists have found several hundred genes. Nearly half of the genes found thus far appear to be disease-related, including genes for Duchenne muscular dystrophy and



David Schlessinger, Ph.D., talks with visiting scholars Anna Jauch, Ph.D. (left), from the University of Heidelberg, and Dorothy Trump, M.D., from London Hammersmith Hospital. Jauch and Trump spent two months working in the Schlessinger lab.

"The technology is so strong that it's easy to do research — and really good research — by stencil."

antifungal antibiotics and antibacterial antibiotics with scientists in the Division of Infectious Disease in the 1960s and 1970s. Studies on the mechanism of action of streptomycin earned Schlessinger the prestigious Eli Lilly and Company Award in Microbiology and Immunology in 1969.

Schlessinger is perhaps most well known both within the Washington University community and internationally for his recent role in the Human Genome Project, one of molecular biology's biggest goals. He is director of Washington University's Human Genome Center, which was one of the first genome centers established by the federal government in 1990. The goal of the project is to sequence and properly map the chromosomal location of the full complement of human DNA. The DNA found in each of the body's cells is subdivided into regions, the genes, that code for individual proteins. On one level, the Human Genome Project is concerned with finding genes and knowing their proper DNA sequence. Such information is invaluable, both to understand diseases that are inherited or caused by malfunctioning genes, and to understand the basis of all biology.

But, as Schlessinger is quick to point out, the Human Genome Project involves much more than finding and

Kallmann's syndrome.

Adding to the administrative demands is Schlessinger's impending presidency of the American Society for Microbiology. He takes the reins after the group's annual meeting in Las Vegas in May. Among the issues facing the 40,000-member society: drug resistant microbes. Schlessinger said he believes increased study at the genome level may direct scientists to new strategies for containing such bacteria.

These days, Schlessinger finds more people asking him for retrospective accounts of how science has progressed during the last 35 years. One of the most profound examples, he said, is the way technology is now dominating science. "The technology is so strong that it's easy to do research — and really good research — by stencil," he says. "Original ideas are fewer. But you don't really need them to do a lot of the major work that is being done today."

Another change is the scale of the projects undertaken by scientists. "There has been a tendency in biology to take on massive projects that would not have been considered possible some years ago," he says. A prime example is the Human Genome Project. The idea of doing a complete analysis of the genome has been around since the early days of thinking about DNA. "But then it was just considered fanciful. Now the technology is there to make the maps and begin to do the sequencing."

Schlessinger gives the impression that things might not have worked out the way they did if he had purposely mapped a plan to train under three Nobel laureates, to be present at the birth of molecular biology, and then to use that knowledge in one of the most important scientific missions of the 20th century. He said he never had any clear-cut "career goals" when it came to science. "But I don't think I was unusual. I never expected to have much of a salary. And I didn't really think about jobs. I was just enjoying what I was doing, and research was what I wanted to do. It may be that that's still the best way to set personal goals."

— Jim Keeley

Calendar

March 24–April 2



Exhibitions

"The Near Distance: James McGarrell's St. Louis Years" by McGarrell, prof. emeritus of art. Through March 27. Gallery of Art, upper gallery, Steinberg Hall. Hours: 10 a.m.-5 p.m. weekdays; 1-5 p.m. weekends. 935-5490.

"Paracelsus, Five Hundred Years." Exhibit continues through July 15. Glaser Gallery, School of Medicine Library. Hours: 9 a.m.-9 p.m. weekdays; 1-5 p.m. weekends. 362-7080.

Center of Contemporary Arts Annual Juried Exhibition. "Caje '94: America's Cultural Diversity," a print exhibit by Jeffrey Sipple, artist and director of education, Tamarind Institute, U. of Mexico, Albuquerque. Opening reception: 6-8 p.m. March 25. Continues through April 30. Exhibit co-sponsored by School of Fine Arts. Center of Contemporary Arts, 524 Trinity Ave. 935-6571 or 725-6555.

"38 Hands." Exhibit features the work of first-year Master of Fine Arts students. Opening reception: 6-9 p.m. March 25. Continues through April 17. Pierce-Arrow Gallery, 4814 Washington Ave. Hours: 12-6 p.m. Wednesdays; 12-7 p.m. Fridays; 12-6 p.m. Saturdays and Sundays. 935-4761.



Films

Thursday, March 24

7 and 9 p.m. Filmboard Foreign Series. "Open City" (1945, B&W), in Italian with English subtitles. Room 100 Brown Hall. Cost: \$3. **For 24-hour Filmboard hotline, call 935-5983.**

Friday, March 25

7 and 9:30 p.m. Filmboard Feature Series. "Much Ado About Nothing" (1993). (Also March 26, same times, and March 27 at 7 p.m.) Room 100 Brown Hall. Cost: \$3.

Midnight. Filmboard Midnight Series. "Slacker" (1991). (Also March 26, same time, and March 27 at 9:30 p.m.) Room 100 Brown Hall. Cost: \$3.

Tuesday, March 29

7 p.m. Japanese Film Series. "Woman in the Dunes" (1964). Room 219 South Ridgley Hall.

Wednesday, March 30

7 and 9 p.m. Filmboard Foreign Series. "The Exterminating Angel" (1962, B&W), in Spanish with English subtitles. (Also March 31, same times.) Room 100 Brown Hall. Cost: \$3.

Calendar guidelines

Events sponsored by the University — its departments, schools, centers, organizations and its recognized student organizations — are published in the Calendar. All events are free and open to the public, unless otherwise noted.

Calendar submissions should state time, date, place, sponsor, title of event, name of speaker(s) and affiliation, and admission cost. Quality promotional photographs with descriptions are welcome. Send items to Judy Ruhland at Box 1070 (or via fax: 935-4259). Submission forms are available by calling 935-4926.

The deadline for all entries is noon Tuesday one week prior to publication. Late entries will not be printed. The Record is printed every Thursday during the school year, except holidays, and monthly during the summer. If you are uncertain about a deadline, holiday schedule, or any other information, please call 935-4926.

Friday, April 1

7 and 9:30 p.m. Filmboard Feature Series. "Europa, Europa" (1991), in German and Russian with English subtitles. (Also April 2, same times.) Room 100 Brown Hall. Cost: \$3.

Midnight. Filmboard Midnight Series. "Battlestar Galactica" (1978). (Also April 2, same time.) Room 100 Brown Hall. Cost: \$3.



Lectures

Thursday, March 24

11:15 a.m. George Warren Brown School of Social Work seminar. "Mental Health Service Delivery Provided by the Private Sector in Metropolitan St. Louis," Allin Walker, director, Alliance for the Mentally Ill, St. Louis. Administrative Center, Second Floor Conference Room, 1130 S. Hampton.

Noon. Genetics seminar. "Pattern Formation in *Drosophila* Development," Ruth Lehman, Whitehead Institute for Biomedical Research, Massachusetts Institute of Technology, Cambridge. Cori Aud., 4565 McKinley Ave.

Noon. Pediatric research seminar. "Local Control of IGF-1 Action," Sherida E. Tollefsen, assoc. prof. of pediatrics. Third Floor Aud., St. Louis Children's Hospital.

4 p.m. Assembly Series Arthur Holly Compton Memorial Lecture. "Ozone Depletion and the Greenhouse Effect," F. Sherwood Rowland, world expert on ozone and author of more than 300 scientific publications. May Aud., Simon Hall. 935-5285.

4 p.m. Architecture lecture. "Signs of the City," William Gass, David May Distinguished University Professor in the Humanities and director, International Writers Center. Room 116 Givens Hall. 935-6200.

4 p.m. Dept. of Russian lecture. "Russian Concepts of Womanhood," Helena Goscilo, prof. and chair, Dept. of Slavic Languages and Literatures, U. of Pittsburgh. Women's Bldg. Lounge. 935-5177.

4 p.m. School of Law lecture. "South Africa's New Birth of Freedom: A Perspective," Judge Nathaniel R. Jones, 6th U.S. Circuit Court of Appeals. Courtroom, Mudd Hall.

4:15 p.m. Philosophy, neuroscience and psychology colloquium. Jaegwon Kim, prof. of philosophy, Brown U., Providence, R.I. Alumni House living room. 935-6670.

4:30 Math colloquium. "Derived Categories in Algebra and Topology," Peter May, prof., Dept. of Mathematics, U. of Chicago. Room 199 Cupples I Hall. 935-6726.

Friday, March 25

Noon. Cell biology and physiology seminar. "Microtubule Dynamics," Robley C. Williams Jr., Dept. of Molecular Biology, Vanderbilt U., Nashville, Tenn. Room 423 McDonnell Medical Sciences Bldg. 362-6950.

4 p.m. Anatomy and neurobiology seminar. Seminar title to be announced. Room 928 McDonnell Medical Sciences Bldg.

7 p.m. Pre-performance music lecture. Harold Blumenfeld, prof. emeritus of music, will discuss "Breakfast Waltzes," one of two operas being performed. (Also March 26, same time.) Sheldon Ballroom, 3648 Washington Ave. 935-5581.

Saturday, March 26

9 a.m. Saturday Morning Neural Sciences Seminar. "Alzheimer's Disease Confusion: Cause or Effect?" Blas Frangione, prof. of pathology, New York U. Medical Center, New York City. Erlanger Aud., McDonnell Medical Sciences Bldg. 362-7043.

Monday, March 28

Noon. Human Studies Committee lecture. "Issues in Developing Drugs in Women — The Industry Perspective," Janice K. Bush, executive director of Worldwide Regulatory Affairs, U.S. Iason, Bristol-Myers Squibb Co., Princeton, N.J. Wohl Aud., 4960 Children's Place. 362-3244.

Noon. Molecular biology and pharmacology seminar. "Interactions Among Effector Sites on the GABA Receptor/Chloride Ionophore," James A. Ferrendelli, prof., Dept. of Molecular Biology and Pharmacology. Room 3907 South Bldg. 362-7051.

Noon. Neurology and neurological surgery research seminar. "The Role of Substance P in Spinal Nociceptive Systems," James E. Krause, prof., Dept. of Anatomy and Neurobiology. Schwarz Aud., First Floor Maternity Bldg. 362-7177.

4 p.m. Immunology seminar. "Studies of Intestinal Immunity," Marion G. Peters, assoc. prof., Dept. of Medicine and asst. prof., Dept. of Molecular Microbiology. Third Floor Aud., St. Louis Children's Hospital.

8 p.m. Architecture lecture. "Memory Work," Peter Prangnell, visiting prof. of architecture from U. of Toronto, Canada. Steinberg Hall Aud. 935-6200.

Tuesday, March 29

4:15 p.m. Anthropology colloquium. "Early Hominid Diversity," Bernard Wood, Derby Professor of Anatomy, Dept. of Human Anatomy and Cell Biology, U. of Liverpool, England. Room 149 McMillan Hall. 362-6945.

Wednesday, March 30

7:30 a.m. Obstetrics and Gynecology Grand Rounds. "Benign Vulvar Lesions and Vulvar Pain Syndromes," Michael Bullen, chief resident, Dept. of Obstetrics and Gynecology. Clopton Aud., 4950 Children's Place.

11 a.m. Assembly Series Phi Beta Kappa/Sigma Xi lecture. "The Fetishism of the Gene," Richard Lewontin, prof. of zoology and biology, Museum of Comparative Zoology, Harvard U., Cambridge, Mass. Graham Chapel. 935-5285.

12:30 p.m. Neuroscience luncheon seminar. "Receptors, Drugs and Molecular Biology: What Can Drug Resistance Tell Us About *Drosophila* GABA Receptors?" R. French-Constant, U. of Wisconsin. Room 928 McDonnell Medical Sciences Bldg.

4 p.m. Biochemistry and molecular biophysics seminar. "Glycosidases, Large and Small: T4 Lysozyme and *E. Coli* β -Galactosidase," Brian W. Mathews, prof. of physics, Institute of Molecular Biology, U. of Oregon, Eugene. Erlanger Aud., McDonnell Medical Sciences Bldg. 362-0261.

4 p.m. Math analysis seminar. "Best Constants in the Haudorff-Young Inequality," Suzanne Tourville, graduate student, Dept. of Mathematics. Room 199 Cupples I Hall.

4 p.m. Physics colloquium. "The Advanced Photon Source — A Year Before Operation," David Moncton, director, Argonne Advanced Photon Source, Argonne National Lab, Argonne, Ill. 935-6276.

8:30 p.m. Visiting artist lecture. Jeffrey Sipple, artist and director of education, Tamarind Institute, U. of New Mexico, Albuquerque. Co-sponsored by School of Fine Arts' printmaking division and Center of Contemporary Arts (COCA). Center of Contemporary Arts, 524 Trinity Ave. 935-6571 or 725-6555.

Thursday, March 31

11:15 a.m. Center for Mental Health Services Research seminar. "Evaluating Outcomes in Mental Health Services," Paul R. Binner, research assoc. prof. of psychiatry, Missouri Institute of Mental Health, St. Louis. Administrative Center, Second Floor Conference Room, 1130 S. Hampton. 935-5687.

Noon. Genetics seminar. "Genome Data Analysis," Philip Green, assoc. prof. of genetics. Room 816 McDonnell Medical Sciences Bldg. 362-7072.

1:10 p.m. Social work lecture. "Unfaithful Angels: How Social Work Has Abandoned Its Mission," Harry Specht, dean, School of Social Welfare, U. of California, Berkeley. Brown Hall Lounge. 935-4909.

4 p.m. Architecture lecture. "Mercenary or Professional?" Richard Sommer, visiting asst. prof. of architecture. Room 116 Givens Hall.

4 p.m. Assembly Series John and Penelope Biggs Residency in the Classics lecture. "Sappho's Aphrodite and the Changing Woman of the Apache," Gregory Nagy, Francis Jones Professor of Classical Greek Literature and prof. of comparative literature, Harvard U., Cambridge, Mass. May Aud., Simon Hall. 935-5285.

4 p.m. Biology and biomedical sciences student-organized seminar. "The Increasingly Marvelous Complexities of Gene Regulation Mechanisms," Stephen Johnston, Southwestern Medical Center. Erlanger Aud., McDonnell Medical Sciences Bldg.

4 p.m. Chemistry seminar. "The Use of Organotransition Metal Complexes to Activate Carbon-Hydrogen Bonds in Alkanes and Other Organic Molecules," Robert G. Bergman, prof. of chemistry, U. of California, Berkeley. Room 311 McMillan Lab. 935-6530.

4 p.m. Earth and planetary sciences colloquium. "Mechanisms of Strain Accommodation in the India-Asia Collision System," Dave Rowley, assoc. prof., Dept. of Geophysical Sciences, U. of Chicago. Room 362 McDonnell Hall. 935-5610.

4:15 Philosophy colloquium. "'The Travel-broken Shade of Oedipus': Taint and Morality," Johann Klaassen, second-year graduate student in philosophy and winner of the Sixteenth Helen Stenner Memorial Essay Competition for 1993-94. Room 30 January Hall. 935-6670.

4:30 p.m. Math colloquium. "Non-linear Commutators and L_p -Theory of PDEs," Tadeusz Iwaniec, prof. of mathematics, Syracuse U., New York. Room 199 Cupples I Hall. 935-6726.

Friday, April 1

Noon. Cell biology and physiology seminar. "Sensory Transduction in the Muscle Spindle: Source of the Generator Potential and Mechanical Factors," Michael Chua, research asst. prof., Dept. of Neurology and Neurological Surgery. Room 423 McDonnell Medical Sciences Bldg. 362-3320.

4 p.m. Microbial pathogenesis seminar. "Legionella Infections — From the Bedside to the Bench," Lucy Tompkins, assoc. prof., depts. of Medicine and Microbiology and Immunology, Stanford U., California. Room 775 McDonnell Medical Sciences Bldg. 362-7258.

4 p.m. Dept. of Music lecture. "A Discussion of His Music," Hale Smith, guest composer, St. Louis Symphony Orchestra. Room 8 Blewett Hall. 935-5581.

6 and 8:30 p.m. WU Association Travel Lecture series. "The Real World of the Philippines," Rick Howard, film producer, free-lance writer and photographer. Graham Chapel. Cost: \$4.50 at the door. 935-5212.

Saturday, April 2

9 a.m. Saturday Morning Neural Sciences Seminar Series: MRN — Magnetic Resonance Neuroscience. "MRI: Introduction and Basic Physics," Michael Vannier, prof., Dept. of Radiology and asst. prof., Dept. of Surgery. Erlanger Aud., McDonnell Medical Sciences Bldg. 362-7470.



Music

Friday, March 25

8 p.m. Dept. of Music presentation. "Double Bill at the Sheldon," two fully staged American operas: "Breakfast Waltzes," a world premiere by Harold Blumenfeld, prof. emeritus of music, and "Hello Out There" by American composer Jack Beeson. (Also March 26, same time.) Blumenfeld will give a pre-performance lecture about "Breakfast Waltzes" both evenings at 7 p.m. Performance directed by Jolly Stewart, director, WU Opera and teacher of applied music. Sheldon Ballroom, 3648 Washington Ave. Cost: \$5 for the general public, students, faculty and staff; free for Friends of Music. 935-5581.



Performances

Friday, April 1

8 p.m. Performing Arts Dept. presentation. "The Beggar's Opera," directed by Jeffery Matthews, artist-in-residence in performing arts. (Also April 2, same time.) Edison The-

atre. Cost: \$7 for the general public; \$5 for senior citizens, WU faculty and staff; and \$5 for students. 935-6543.



Miscellany

Thursday, March 24

11 a.m.-6 p.m. Vision Center Trunk Show. The Vision Center will display new eye wear fashions for WU students and employees and Barnes Jewish Christian Health System employees. Free refractive surgery screenings and eyeglass adjustments for minor problems will be provided. Brown Room, Jewish Hospital. 362-8677.

Friday, March 25

9:30 a.m.-noon. University College Career Workshop. "Career Development for Moms," Ellen Krout Levine, coordinator, Career Programs, University College. Continues Fridays through April 8. Room 30 January Hall. Cost: \$60. Pre-registration required. 935-6788.

1-2 p.m. Booksigning. Poet Nikki Giovanni, author of *Racism 101*, a collection of essays. Sponsored by the Campus Bookstore. Room 325 Mallinckrodt Center. 935-5696.

2-4 p.m. Visiting artist collaboration. Robert Andrew Parker, visiting artist and internationally known illustrator, will demonstrate monoprintmaking. Sponsored by School of Fine Arts. Room 109 Bixby Hall. 935-6571.

Saturday, March 26

8:15 a.m. Student-organized psychology conference. Speaker is Robert M. Arkin, prof. of social psychology and undergraduate dean of the colleges of Arts and Sciences at Ohio State U. Students will deliver papers and conduct question-and-answer sessions. Continues until 5 p.m. Eads Hall. Pre-registration cost: \$15 at Room 105 Eads Hall, or at the information desks in Mallinckrodt and Wohl centers; \$17 at the door. For more info., call Tina at 935-1259.

9 a.m. Second Annual "Race Judicata" run. WU School of Law Pro Bono Law Association and St. Louis U. Public Interest Law

Group are sponsoring a five-kilometer run through Forest Park. Proceeds will benefit a scholarship fund for needy law students working in public interest areas of law. Co-sponsored by Pevely Co. and St. Louis Bread Co. Entry forms may be obtained at Omni sporting goods stores, other local races or the Pro Bono bulletin board. Cost: \$13. Arrive 15 minutes prior to race time at the upper Muny parking lot. First 250 runners receive attendance favors; winners receive trophies. Call 872-3209 or 531-2207.

1 p.m. American Indian Pow wow. Sponsored by the Center for American Indian Studies. Continues until 10 p.m. Mudd Field. (In case of rain, the event will be held in Francis Gymnasium.) 935-4510.

Monday, March 28

7-10 p.m. Office of Continuing Medical Education seminar. "Internal Medicine Review." The topic is nephrology. Steinberg Amphitheatre, Jewish Hospital. For schedules and cost info., call 362-6893.

Thursday, March 31

6:30 p.m. American Medical Women's Association dinner. "Domestic Violence: Our Role as Healthcare Providers," Susan Dersch, Women's Health Coordinator of the A.W.A.R.E. program (Assisting Women With Advocacy Resources and Education). Co-sponsored by Domestic Violence Action Group. Brown Room, Jewish Hospital. 367-6236.

Saturday, April 2

8:30 a.m. Thurtene Throng Five-mile Road Race. Start and finish at Bates Memorial in Forest Park at the north end of Fine Arts Drive. Meet at 8:30 a.m.; race begins at 10 a.m. Top finishers receive trophies in three age categories. Awards will be given at the finish line at 12:30 p.m. Pre-registered participants receive T-shirts. Cost: \$8 if pre-registered by March 26; \$10 day of race. Co-sponsored by Grey Eagle Distributors Inc. Proceeds will be given to charity. 935-1276.

2-4 p.m. Fine arts lithography demonstration. Jeffrey Sipple, artist and director of education, Tamarind Institute, U. of New Mexico, Albuquerque, will hold a photolithography demonstration in collaboration with Kevin Garber, lecturer and research assoc., School of Fine Arts. Room 109 Bixby Hall. Cost: \$10 for the general public; free for WU fine arts students, members of the Center of Contemporary Arts and "Caje '94" artists. 935-6571 or 725-6555.

Student production satirizes Italian opera style

The Performing Arts Department will present "The Beggar's Opera" at 8 p.m. April 1, 2, 8 and 9; at 7 p.m. April 3; and at 2 p.m. April 10 in Edison Theatre.

"The Beggar's Opera" is about a group of beggars who put on their own opera. Directed by Jeffery Matthews, artist-in-residence in performing arts, the show has a cast of 28 students. Richard Kuykendall is the technical director and Bonnie Kruger is costume designer for the production. Both are instructors in performing arts. Bruce Bergner, artist-in-residence in performing arts, designed the sets.

Written in 1728 by John Gay, "Beggars" satirizes the Italian opera style that was very popular in London at the time. Opera was considered the ultimate entertainment by the upper classes but was lambasted by the intellectuals.

The plot involves one beggar who decides he can make an opera as good as the upper-class people can. With his friends' help, he sets out to produce a show about beggars and thieves. They

costume themselves out of garbage heaps (similar to the modern "grunge" look). Macheath, the "hero," is a highwayman and seducer of women. The story pokes fun at every operatic contrivance — from a rivalry between the two female leads based on contemporary news stories to the deus ex machina finale when the beggar stops the action and changes the ending from a tragic one to a happy one. The actors speak in lofty aristocratic language but use a Cockney accent.

The beggars are dressed in what costume designer Kruger describes as "1990s grunge with a deconstructed 18th-century look."

Kruger said she got her inspiration for the costume designs from a Washington University student walking across campus. "This one student had a shaved head, pants slashed, ragged sweatpants and sweatshirt, and an earring in his ear. He looked just like a member of Macheath's gang."

Tickets are \$7 with discounts for senior citizens and students.

For more information, call 935-6543.

American Indian women tell stories of their lives

Spiderwoman Theater, a trio of American Indian women who translate their dreams and stories of their lives into movement and narrative, will present "Rever-Berations" at 8 p.m. April 9 and 7 p.m. April 10 in the Drama Studio, Room 208 Mallinckrodt Center. This is the final event of the 1993-94 "Stage Left" series.

Three sisters, Lisa Mayo, Gloria Miguel and Muriel Miguel, founded Spiderwoman Theater nine years ago. They took their company name from Spiderwoman, the Hopi goddess of creativity, who taught the people to weave. Spiderwoman pulls her materials out of herself — ideas, words, images — and weaves them into an elegant, beautiful web that catches the imagination.

Spiderwoman Theater uses comedy,

satire and powerful storytelling to expose racism, espouse women's rights and address other social issues. Each of the company's pieces involves a single theme, but may involve numerous stories, use of mime, dance and other theatrical devices. In addition to "Rever-Berations," the company has created and performed "Women in Violence," "Three Up, Three Down," "Winnnetou's Snake Oil Show From the Wig-Wam City" and "Power Pipes."

Tickets are \$12 for the general public; \$10 for senior citizens and Washington University faculty and staff; and \$8 for students. Tickets are available at the Edison box office or through Metrotix, at 534-1111.

For more information, call 935-6543.



Carletta Taylor, captain of the women's basketball team, presents Hillary Rodham Clinton with a team-autographed basketball.

Basketball Bears took first lady's best wishes on trip to Final Four

On March 9 the Washington University women's basketball team received a private White House tour during their stay in Arlington, Va., where the Bears conquered the competition at the NCAA Division III South-Central Sectional.

Six days later, the Bears returned the hospitality by hosting first lady Hillary Rodham Clinton for her healthcare address in the University's Field House.

Washington University senior captain Carletta Taylor joined Clinton on the dais and presented her with a team-autographed basketball.

"I thanked her on behalf of the entire team for allowing us into their home," said Taylor, a psychology major from Paducah, Ky. "I had practiced my comments all evening to make sure I had it mapped in my mind."

"But it turned out that I was very comfortable with her. Mrs. Clinton was very personable and put me completely at ease."

In her opening remarks, the first lady applauded the Bears' quest for a first national championship.

"I want to join all of you in wishing the Bears great luck in this upcoming championship game," Clinton said. "I will be rooting for you in Washington."

Once the festivities were concluded, the Field House rapidly was transformed from lecture hall to gymnasium. Then, the Bears got back to the business of preparing for their second trip to the Final Four in four years.

Leaving for the national semifinals with a 25-3 record, 15 consecutive wins — and at least one new fan — the Bears were trying to complete a quest at which more than 300 Division III teams already had failed. In Friday's semi-final, Washington beat tournament host Wisconsin-Eau Claire 86-82 in a thrilling overtime contest. However, low on fuel after Friday's grueling outing, the Bears were toppled 82-63 by Capital (Ohio) University on Saturday night to finish second in the nation.

Sports

Women's Basketball

Last Week: NCAA Division III Semifinals: Washington 86, Wisconsin-Eau Claire 82 (OT); NCAA Division III Finals: Capital 82, Washington 63

Season Record: 26-4 (NCAA Division III Second Place)

Baseball

Last Week: UAA Tournament, Cocoa, Fla. — Emory 12, Washington 0; Johns Hopkins 6, Washington 0; Washington 8, Rochester 5; Brandeis 8, Washington 0; Washington 11, Case Reserve 1; Washington 10, Chicago 0. Non-tournament games: Washington 11, Augustana 7; Iowa 8, Washington 0; Washington 8, Illinois Wesleyan 7; Illinois Wesleyan 8, Washington 5

This Week: 3 p.m. Friday, March 25, vs. Westminster, Kelly Field; 1 p.m. Saturday, March 26, vs. Illinois Benedictine, Kelly Field; 3:30 p.m. Saturday, March 26, vs. Illinois College, Kelly Field; 2:30 p.m. Sunday, March 27, vs. Simpson, Kelly Field

Season Record: 11-8

Women's Tennis

Last Week: Spring trip, Hilton Head, S.C. — Washington 9, Agnes Scott 0; Franklin & Marshall 8, Washington 1; Washington 9, Wisconsin-Oshkosh 0; Washington 8, Wisconsin-LaCrosse 1; Washington 6, Denison 3

This Week: 3:30 p.m. Wednesday, March 23, at William Woods, Fulton, Mo.; 3:30 p.m. Friday, March 25, vs. Northeast Missouri State, Tao Tennis Center; 10 a.m. Saturday, March 26, vs. Southwest Missouri State, Tao Tennis Center.

Season Record: 5-1

Men's Tennis

Last Week: Calvin 5, Washington 4; DePauw 8, Washington 1; Ripon 5, Washington 3; Southern Illinois University-Edwardsville 8, Washington 1

This Week: 3 p.m. Thursday, March 24, vs. Chicago, Tao Tennis Center; 3 p.m. Friday, March 25, vs. Northeast Missouri State, Tao Tennis Center

Season Record: 2-4

U.S. News ranks professional schools among nation's best

The George Warren Brown School of Social Work has been named the second leading school of social work in the nation, and the School of Medicine has improved its overall score and retained its top-five position, according to a ranking of professional schools by U.S. News & World Report.

Other Washington University professional schools also placed among the nation's best in the magazine's rankings: The John M. Olin School of Business was ranked No. 27, and the School of Law ranked No. 48.

Among social work schools, the University of Michigan was ranked as the leader. Second place was shared by three schools: Washington University, the University of California at Berkeley and the University of Chicago. This is the first year that the magazine has ranked schools of social work.

"We are truly pleased that our colleagues in social work schools have thought so well of the George Warren Brown School of Social Work," said Shanti Khinduka, Ph.D., dean of the George Warren Brown School of Social Work. "This expression of confidence in the quality of our program further strengthens our faculty's resolve to serve the society and the community with unabated commitment to excellence and innovation."

The Washington University School of Medicine ranked No. 5 among medical schools in the nation and ascended into the No. 1 position in student selectivity. Student selectivity is a quality measure that reflects undergraduate grade point average and scores on admissions exams.

"We are especially gratified that our students rank so high academically, but that is only one measure of their excellence," said William A. Peck, M.D., executive vice chancellor and dean of the School of Medicine. "We select them with special emphasis on their personal characteristics and their potential to become caring and compassionate physicians."

Rounding out the top five medical schools were Harvard, Johns Hopkins, Yale and the University of California-San Francisco. "The other schools ranked in the top five are prestigious institutions and it's an honor to be listed among that group," Peck added.

The magazine ranked social work schools after sending questionnaires to deans, top administrators and senior faculty of accredited social work schools. They were asked to rank the reputations of accredited schools by placing them into tiers of academic quality, taking into account a school's scholarship, curriculum and the quality of its faculty and graduate students.

Khinduka identifies three key ingredients that contribute to the George Warren Brown School of Social Work's high standing: quality of students, quality of faculty and the contributions of alumni.

For other schools, including medicine, business and law, schools were ranked using five criteria: student selectivity, placement success, faculty resources and two separate measures of institutional reputation, one based on a survey of deans and senior faculty and one by a survey of working professionals ranking work of recent graduates.

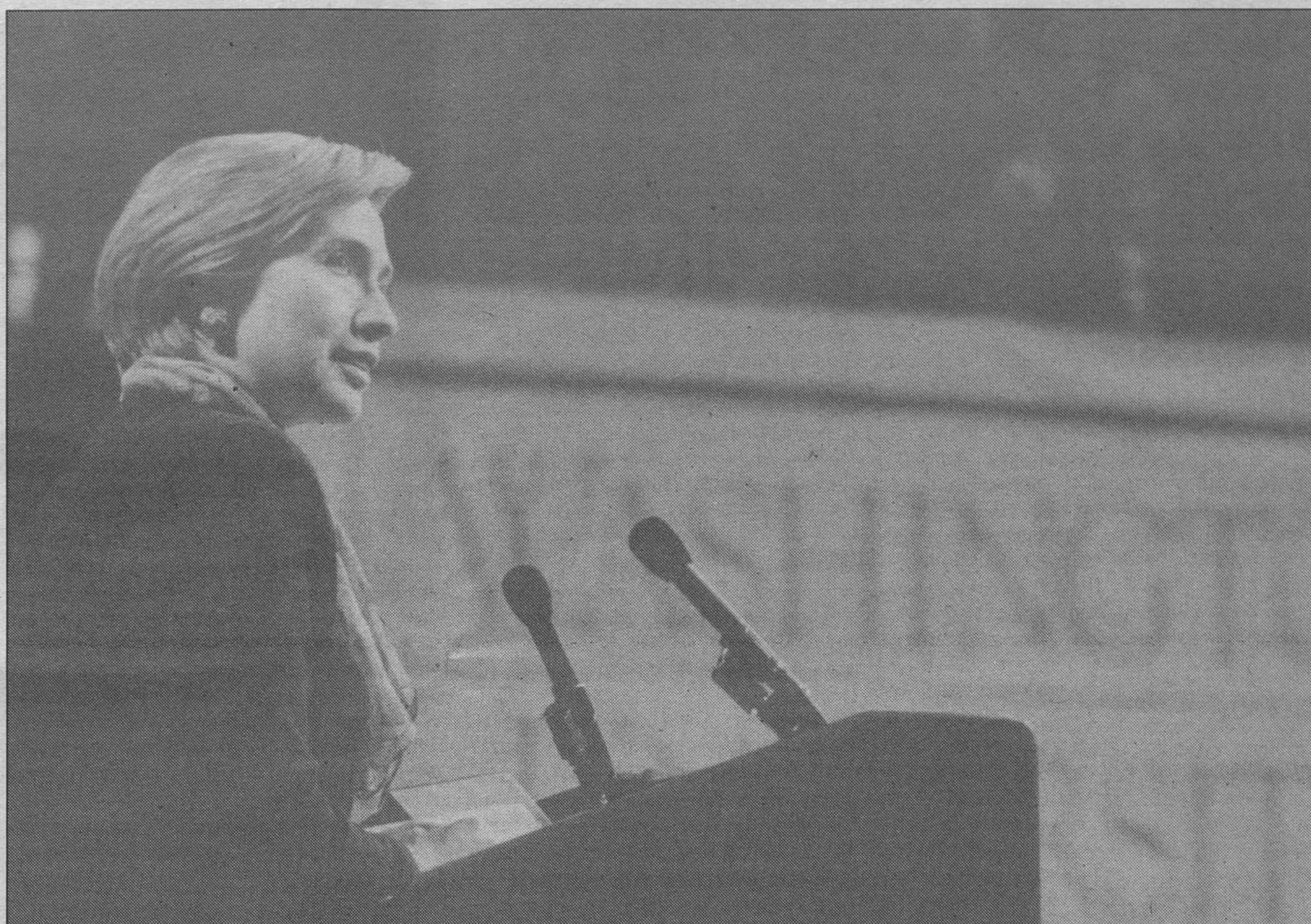
Other references to the University in the article include quotes from Dorsey D. Ellis Jr., J.D., professor and dean of the School of Law, P. Jean Milburn, associate dean for the MBA program, and Khinduka.

Prominent geneticist Richard Lewontin to lecture

Richard Lewontin, one of the world's most prominent geneticists, will give the Phi Beta Kappa/Sigma Xi Lecture at 11 a.m. Wednesday, March 30, in Graham Chapel. His talk on "The Fetishism of the Gene," part of the Assembly Series, is free and open to the public.

Lewontin, Alexander Agassiz Professor of Zoology and professor of biology at Harvard University, is author of *The Genetic Basis of Evolutionary Change* and *Biology as Ideology: The Doctrine of DNA*. He is co-author of *Not in Our Genes* and *The Dialectical Biologist* and a frequent contributor to *The New York Review of Books*.

According to award-winning paleontologist and author Stephen J. Gould,



First lady Hillary Rodham Clinton outlines the five major features of the president's healthcare reform proposal.

Clinton plan aims to guarantee healthcare coverage for all — from page 1

health plan, "not your employer, not your insurance company and not a government bureaucrat. It will be your choice and you will make it every year."

4) Preservation and inclusion of Medicare for Americans over the age of 65.

Although Clinton called the Medicare program "a godsend for older Americans," she said there are two Medicare elements that are missing, and these would be included in the president's plan: payment for prescription drug coverage and support for alternatives to nursing home care, such as home health aides, adult day care and respite care.

"We do not help people who want to keep their relatives in their own homes," she said. "We want to start providing long-term care options so that families will not be forced to put their family members in nursing homes if they can take care of them at home with a little bit of help. It is the right thing to do but it is also the economically smart decision to make."

5) Guaranteed healthcare coverage through employment.

Clinton said that no one in the audience — except those already over 65 and covered by Medicare — can know that even in the near future they will be insurable at the same rate for the same services as they are today. Citing several problems with current alternatives to this plan and the success of other employer-employee systems such as social security and Medicare, she said the president's plan calls for building on this employer-employee model of shared responsibility.

By providing discounts to small businesses and subsidies to low-wage workers, insurance can be made affordable even to those who have never insured themselves in the past, she said. "Once everyone is in the system, then we can begin to get costs under control. Because right now trying to control costs

in a system where everybody is not in it is like a holding a balloon in one part and it pops out somewhere else," she said.

An additional point to these five, she said, is the president's awareness of the important work done by academic health centers — the research that is done and the application of that research in clinical practice, as well as the education of physicians, nurses and other allied personnel.

"This system we have built up has features that have to be strengthened and protected," she said. "In the president's approach there will be guaranteed funding for academic health centers because of the important function they perform for the entire system. And there will be a requirement that health plans contract with those health centers so that those health centers will not be eliminated from the provision of healthcare in an effort to control costs."

Noting that the debate around healthcare reform will continue, she said she was "very encouraged" by the current bi-partisan work in Congress.

"There will always be extremes in these debates, and there will always be interest groups who, frankly, have profited from the status quo and do not want reform to occur. It will be our task as citizens to keep the debate as honest as possible, to ask the hard questions, to say 'How will this affect me?' Because this is not just a debate about how we're going to finance healthcare. It is bigger than that. It is a debate about what kind of a country we are and intend to be."

Clinton said she had just met a Washington University medical student who told her she had worked in a clinic

last summer where she had taken care of a lot of people who were "falling through the cracks," people who were poor, unemployed or homeless.

"She wanted to know what would happen to those people," Clinton said. "That is one of the right questions. How will we take care of each other? How will we better use our resources? How will we build on what is the finest healthcare system in the world by fixing the financing system that is distorting it? What I hope is that at the end of this debate I can go back to the literally hundreds and hundreds of Americans who have shared their stories with me and tell them we have now provided healthcare coverage for every American and have taken a step toward becoming the nation we should be."

— Steve Givens

Bushyhead Track, fields closed through spring

The Washington University Bushyhead Track closed March 21 and is scheduled tentatively to reopen June 6. The existing track, which was constructed in late summer 1984, has exceeded its lifespan and is due to be replaced, said Phil Godfrey, associate athletic director.

Fields adjacent to the track, including Francis Field and the practice field, also are closed. These adjacent areas are now a construction zone and are closed for safety.

The reopening date is heavily dependent on weather, Godfrey said. The work is being done by Balsam Corp. of St. Louis.

Campus Watch

The following incidents were reported to the Hilltop Campus Police Department during the period March 14-21. Readers with information that could assist the investigation of these incidents are urged to call 935-5555. This list is provided as a public service to promote campus safety.

March 16

2:14 p.m. — A turntable and a compact disc player were reported stolen from KWUR Radio in the Women's Building sometime between 4 p.m. March 14 and 11:30 a.m. March 15.

March 18

7:58 a.m. — An attempted burglary was reported to have occurred sometime between 5 p.m. March 17 and 7:50 a.m. March 18 at Room B-8 Brown Hall. Unknown person(s) attempted to enter the room using a credit card. The card was broken in the door and it is not believed that entry was gained. Nothing was reported missing from the room.

March 20

3:26 p.m. — A student's vehicle parked in the lower level of the parking garage was reported damaged sometime between noon March 11 and 2:30 p.m. March 20.

10:18 p.m. — A student's mountain bicycle was reported stolen from the Phi Delta Theta fraternity house sometime between March 11 and 8:30 p.m. March 20.

10:49 p.m. — A student's mountain bicycle was reported stolen from the Phi Delta Theta fraternity house sometime between March 11 and 8:30 p.m. March 20.

10:49 p.m. — A Sega game player and game cartridges were reported stolen from the Phi Delta Theta fraternity house. The time of the theft is unknown.

Faculty voice different perspectives following first lady's speech

Following Hillary Rodham Clinton's visit to Washington University, an informal survey of University faculty revealed diverse opinions on the Clinton plan for healthcare reform. The following is a sampling.

Lee Benham, Ph.D., professor of economics, Department of Economics (Benham teaches a course on medical economics.)

"The Clinton health plan may or may not successfully address the flaws in the current system, but the program will have several undesirable consequences. Financing the program through employer-based payroll taxes will lower wages and increase unemployment. Most European countries and Canada with generous state-provided medical benefits also have much higher unemployment than the United States. This is no accident. If the program were financed through income or sales taxes, this could be partly avoided. Few proponents advocate higher explicit taxes, however.

"Congress has difficulty regulating cable television. After the last act of Congress to lower cable rates, the rates for low income consumers went up. Will Congress do better with medical care?"

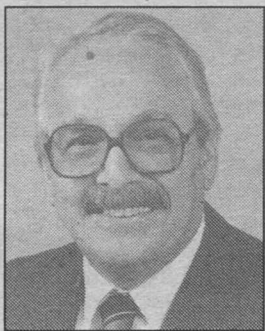
"For anyone who anticipates new drug innovations, price controls on prescription drugs will have undesirable consequences.

"We need reforms, but we need to understand that the tooth fairy is not paying the bill. To quote P. J. O'Rourke, 'If you think medical services are expensive now, wait until they are free.'"

Merton C. Bernstein, L.L.B., professor of law, School of Law (Bernstein has long directed the Congress-

sional Clinic in Washington, D.C., for the University's law students.)

"Mrs. Clinton's speech was a bell-ringer that obviously hit home with the audience and earned support for the president's health reform proposals. However, this same level of support does not seem to be occurring in Congress. That would indicate



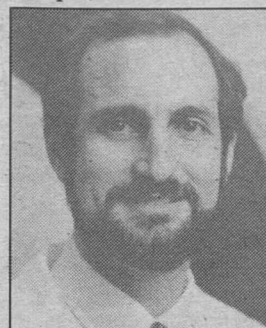
that a great deal of work needs to be done in selling the plan or in changing it to gain sufficiently broad appeal and support from Congress.

"Money is the key. People simply do not see where the money will come from to pay for universal health coverage. Clinton's health alliance proposal needs revamping so that it appears less bureaucratic. He must persuade people that the plan will save enough money to provide healthcare to everyone."

Joel S. Perlmutter, M.D., associate professor of neurology, School of Medicine

"I thought Mrs. Clinton was terrific. I am a strong proponent of this plan. Universal coverage needs to be implemented. I like the mix of public and private payers as well as eliminating pre-existing conditions as a way for insurance companies to turn people away. A number of my patients, and I see a lot of patients who have chronic illnesses, are afraid of changing jobs for fear that they won't get coverage.

"Mrs. Clinton mentioned cost-sharing in a political fashion. She said young



people will probably pay more and older people will probably pay less. I think that is appropriate.

"Too many people are under-insured or have no insurance at all, which costs all of

us who are insured more. My rates are going up and my choices are limited and I am on the faculty of a medical school."

Enola Proctor, Ph.D., professor of social work, George Warren Brown School of Social Work

(Proctor is studying post-hospital care of older adults with Nancy Marrow-Howell, Ph.D., associate professor of social work, and Letha Chadiha, Ph.D., assistant professor of social work, through a grant from the Agency for Health Care Policy and Research.)

"Clearly, the current system of healthcare presents problems for older adults. Two issues have emerged in the research my colleagues and I are doing. One is the problem of payment of prescription drugs. One out of eight older adults in our study reported that they are without medication at times because they cannot afford to pay for their prescriptions. And one of five report that at times, when they do purchase their prescriptions, they cannot buy food or pay for bills.

"The other problem with our current system is the provision of alternatives to

institutional, or nursing home, placement. Most older adults and their families



prefer to receive care in their homes. Yet the current healthcare system does not adequately provide for in-home care, particularly as patients have been discharged

'quicker and sicker' and in need of more care once they leave the hospital. Better in-home care could keep elders in their home, and help reduce cost-containment by preventing hospital readmission.

"Many of the proposals for healthcare reform, including the president's, address these issues. The features of prescription coverage and in-home care are key to meeting the needs of older adults."

Morton E. Smith, M.D., associate dean, professor of ophthalmology and pathology, School of Medicine

"I agree with the goals in Mrs. Clinton's eloquent and erudite speech. I still have



concerns about the best way of accomplishing those goals. I believe there is still room for debate about a single payer system as advocated by Rep. Jim McDermott."

Many students support healthcare reform, but question financing, implementation — from page 1

swered. I am concerned about the fate of private practice, especially in the areas of allied health.



Unfortunately, the details of the Clinton healthcare plan remain ambiguous. Therefore, once again, Americans are excitedly welcoming something they are

unedicated about."

Thomas Deutsch, junior majoring in political economics, Student Union vice president (Wichita, Kan.)

"The speech was excellent, very smooth. A lot of it was impromptu, which impressed me. Mrs. Clinton is going to have a tough road to get her plan passed but she's going in the right direction."



Jamesina Dickson, third-year medical student (St. Louis) — "Everything sounds good but she never addressed the questions: How are we going to fund healthcare for the poor and unemployed? What about the people who lose their job? Higher taxes? Where's the money coming from? Seeing is worth believing."

Marvin Graham Dobbs, senior in nursing (Farmington, Mo.) — "This was a softer, more diplomatic approach than I've heard in the past. She focused on points with which conservatives and liberals could agree, but her rhetoric still rests on hardship stories, which are highly subjective.



"Her language makes it clear that another tax will be assessed on employees/employers. The problems that individuals face with healthcare need to be dealt with on an individual basis, not by restructuring our system under a new coercive tax structure. Why should every citizen be forced into a system that is designed as a response to the problems of only one part of society?"

Elisabeth Farrelly, senior majoring in English, class president (Mendham, N.J.)



"I am always impressed by Mrs. Clinton. She is a strong woman who never apologizes for that, which I think is neat. Healthcare reform is unpleasant but necessary."

Jacqueline Hoffman, fourth-year medical student (St. Louis) — "The

issues addressed are important and all the five major points are things that most people would agree need to be fixed, like providing healthcare for the elderly, no pre-existing conditions, no limits, etc.

"She does speak about how insurance should be reapportioned among employed, but what about the poor and unemployed? Are we really going to have National Guard MASH units all over the country? Where will the resources come from? And what about people who have a medical problem and lose the job? I think we need to hear more about the nitty-gritty of where the healthcare dollars are going to come from.

"Another question I have is since under the new plan many physicians will be making less, will the cost of a medical education go down?"

Matthew Kim, second-year medical student (Hartford, Conn.) — "While I strongly agree with the aims of the reform plan, the undecided questions of exactly how the plan will be implemented are a source of particular concern due to

my status as a physician in training. I share the concerns of a number of medical



students who feel that we may be trained under one system of rules and practices but expected to work and practice under a very different system. On the whole, we would like more clarification of

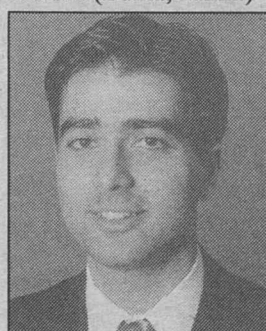
how a transition to a reformed system will impact upon a critical phase of our professional training."

Lisel Mittelholzer, second-year law student and president, Women's Law Caucus (Boston)

"Mrs. Clinton's speech was very effective and convincing. Something must be done about healthcare. I know many young people working for low wages who have

no health insurance. That's just wrong."

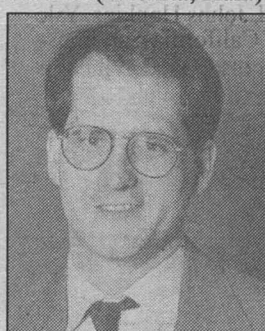
Abdolreza Raissi, third-year medical student (Edina, Minn.) — "The points she



made have universal appeal but it was short on details. The Clinton plan will be a tremendous burden on the tax payer and American business and will definitely require greater costs than the current system. Malpractice was not

addressed. Details of how the plan will be paid for were not provided. The plan is supported by increased taxes in disguise."

Steven St. Peter, third-year medical student (Wichita, Kan.) — "Mrs. Clinton



has certainly identified the key issues; whether or not this plan is the solution remains questionable. However, the Clinton administration has focused the nation on the problems and I am confident that

with time and modification the system will be improved.

"This is still the most exciting time in history to be a doctor. Hopefully, caring for patients will be easier and less costly from the perspective of a physician. Change is hard but needed."

Amy Sullivan, senior majoring in biology, pre-med (St. Louis) — "Mrs.

Clinton stressed the importance of caring for those individuals who are now slipping through the cracks of our healthcare system. I was impressed because, despite all of the talk about the

bureaucracy involved in reforming our healthcare system, caring for those in need truly is at the heart of the plan.

"One concern I have, however, is that a system of rationing healthcare may arise and physicians may be forced to play God in deciding who receives care and who does not. This is a question Mrs. Clinton did not address."



Fourth computing forum scheduled for March 30

The fourth meeting of the Action Forum will be held from noon to 1:30 p.m. Wednesday, March 30, in Room 118 Brown Hall. Participants will discuss computing, networking and systems training available to members of the Washington University community.

The forums, which are open, are designed to provide an opportunity for

discussion of computing and related issues. To submit an item for discussion before March 29, contact Dave Benson, Campus Box 1221, or dave@frc-nex1.ccs.wustl.edu, or Vicky Witte, Campus Box 1061, or vwitte@library.wustl.edu. Participants are invited to bring their lunches. Soda and cookies will be provided.

Opportunities & personnel news

Hilltop Campus

The following is a list of positions available on the Hilltop Campus. Information regarding these and other positions may be obtained in the Office of Human Resources, Room 126 North Brookings Hall, or by calling 935-5990. Note: All positions require three letters of recommendation.

RN/LPN

940160. *Health Service*. Requirements: Registered nurse and/or licensed practical nurse for weekend infirmary duties. Schedule: (32 weekends) fall and spring semesters; may be eight or 12 hours from 7:30 a.m. Saturdays to 7:30 a.m. Sundays. Application and resume required.

Administrative Assistant

940175. *George Warren Brown School of Social Work*. Requirements: Some college; typing 45 wpm with accuracy; personal computer proficiency, including word processing and spreadsheets; understanding of funding guidelines that apply to the preparation of proposals; ability to coordinate, write and proofread; above average knowledge of English grammar and spelling; self-study reaccreditation work. Clerical tests required.

Secretary

940176. *University College*. Requirements: Some college, associate's degree preferred; typing 50 wpm with accuracy; ability to handle multiple tasks and establish priorities under pressure; ability to meet public in a pleasant and professional manner; stamina; ability to hand deliver correspondence and packages across campus. Clerical tests required.

Oiler

940179. *Euclid Power Plant*. Requirements: High school graduate; skill in the use of tools and equipment; a general understanding of power plant machinery; a history of dependability; mechanical aptitude; ability and willingness to follow instructions; one year experience as an oiler in a plant of comparable size or comparable work experience. Application required.

Quad Shop Office Supervisor

940184. *Campus Stores*. Requirements: Two years college or secretarial/business school training; well organized; ability to function in a fast-paced environment; ability to plan and coordinate work flow from multiple sources; excellent customer service attitude; typing 50 wpm with accuracy. Clerical tests required.

Counselor or Psychologist

940186. *Student Counseling Service*. Requirements: Advanced professional clinical training and skill in psychology, counseling or social work; ability to provide treatment and outreach services to university students; experience and skill with students from minority backgrounds and/or with men's issues highly desirable. Resume required.

Counselor or Psychologist, Part-time

940190. *Student Counseling Service*. Requirements: Advanced professional clinical training and skill in psychology, counseling or social work; ability to provide treatment and outreach services to university students; experience and skill with students from minority backgrounds and/or men's issues highly desirable. Resume required.

Senior Project Leader

940192. *Computing and Communications*. Requirements: Some college; five years data processing experience; proven ability to design, program and install major data processing systems; proven ability to lead others in data processing project development; proven ability to design, write and install MANTIS or FOCUS systems. Resume required.

Mechanic (Welder)

940193. *Facilities Planning and Management*. Requirements: High school graduate; broad training in welding/steamfitting work at a qualified technical school, plus experience as a welder/steamfitter (in unusual cases extensive experience can be substituted for technical school training); proven ability to work from blueprints, drawings and sketches; working knowledge of the use of hand tools and the operation of hand and shop power tools pertaining to the trade; completion of accredited welding/steamfitting apprenticeship program; ability to fabricate railings, steps, platforms, etc.; must furnish all necessary hand tools and be able to identify all general tools and material by name; must be willing to work overtime at night and on days off when called. Application required.

Admission Counselor

940194. *Undergraduate Admission*. Requirements: Bachelor's degree; a recent Washington University graduate is strongly desired; availability for a great deal of evening and weekend work; flexible, team-oriented, well organized, a sense of humor. This entry level position carries a two-year appointment. Responsibilities include: recruitment travel, application evaluation, work with alumni and parents admission program and other responsibilities as assigned. Resume required.

Mechanic (HVAC)

940195. *Facilities Planning and Management*. Requirements: High school graduate; formal training in air conditioning, heating, and refrigeration work from a qualified technical school, plus five years experience as a heating, air conditioning and refrigeration mechanic; proven ability to work from blueprints, drawings and sketches; must know thermodynamic characteristics of refrigerants, heat transfer of air and water and have certification for reclaiming refrigerants; must furnish all necessary hand tools and be able to identify all general tools and material by name; willingness to work overtime at night and on days off when called upon for emergency matters. Application required.

Lab Supervisor and Senior Technician

940196. *Biology*. Requirements: Bachelor's degree; no Ph.D. appropriate; experience in bioanalytical chemistry in a large lab, preferably in industry and/or government. Resume required.

Administrative Assistant

940198. *Medical Alumni and Development Program*. Requirements: Some college; maturity, judgment and diplomacy; excellent communication skills, both oral and written; ability to communicate cordially and effectively with public constituencies, including deans, department heads, division chiefs, and senior faculty and administrators; ability to deal with confidential information in a responsible and professional manner; ability to balance and prioritize diverse assignments; three years of general office experience preferred; excellent writing and proofreading skills; proficiency with personal computer software, such as Microsoft Word for the Macintosh, Filemaker Pro, Lotus 1-2-3 or Microsoft Excel; typing 45 wpm with accuracy. Clerical tests required.

Receptionist/Secretary

940199. *Department of English*. Requirements: High school graduate; a cheerful and courteous disposition; flexible, attentiveness to detail; able to set priorities and work on numerous tasks with constant interruption; working knowledge of university procedures is preferred; general office experience; typing 50 wpm with accuracy. Clerical tests required.

Department Secretary

940201. *Department of Philosophy*. Requirements: High school graduate; typing

50 wpm with accuracy. Duties: type occasional correspondence for faculty members; receive telephone calls and personal callers for the department; answer routine inquiries; type the semester course listings for philosophy department and do preliminary schedule for the days, times and rooms for each course; maintain and operate copying equipment and postage meter; mail graduate school applications and maintain files of students applying for admission; requisition supplies from central stores; copy and mail placement applications; establish, maintain and revise departmental files. Clerical tests required.

Clinical Physician, Part-time

University Health Service. Washington University is seeking a physician with strong clinical focus coupled with interest and experience in adolescent healthcare issues. Special consideration will be given to candidates with an orientation toward health promotion and education. Qualifications: M.D.; three years of clinical practice beyond medical residency; board certification in family practice, internal medicine or adolescent medicine; experience in college health or community health education preferred; progressive, creative, and student-oriented disposition, as well as strong interpersonal communication skills. The position is available in summer 1994. Salary commensurate with education, training and experience. Please submit a letter of application, resume and three current letters of recommendation to Laurie Reitman, M.D., Director of Student Health, Washington University, Campus Box 1201, One Brookings Drive, St. Louis, Mo., 63130-4899.

Medical Campus

The following is a partial list of positions available at the School of Medicine. Employees who are interested in submitting a transfer request should contact the Human Resources Department of the medical school at 362-4920 to request an application. External candidates may call 362-7195 for information regarding application procedures or may submit a resume to the Human Resources office located at 4480 Clayton Ave., Campus Box 8002, St. Louis, Mo., 63110. Please note that the medical school does not disclose salary information for vacancies, and the office strongly discourages inquiries to departments other than Human Resources.

Departmental Administrator

940553-R. *Biochemistry*. Requirements: Bachelor's degree, with accounting or business administration preferred; five years of experience in office, personnel, financial management; experience working in a university setting preferred; strong analytical, numerical, oral and written communication skills.

Statistical Data Analyst

940580-R. *Psychiatry*. Requirements: Bachelor's degree in math, computer science, data processing or related field; one to two years SAS experience; knowledge of WordPerfect, spreadsheets, LANS, DOS and Unix; ability to use PC graphics packages for production of presentation-quality graphics and familiarity with large data base management.

Medical Research Technician

940581-R. *Pathology*. Requirements: Bachelor's degree with background in cell and molecular biology and/or biochemistry; one to two years lab experience; ability to work independently under guidelines from supervisor; tissue culture, protein purification, DNA and RNA analyses skills.

Medical Research Technician

940583-R. *Psychiatry*. Requirements: Bachelor's degree with knowledge of all theoretical aspects of molecular biology; interest in genetics; practical experience with PCR and DNA sequencing (auto-

mated DNA sequencer or manual gels) preferred.

Medical Research Technician

940586-R. *Cell Biology*. Schedule: Full-time with occasional evenings and weekends. Requirements: Bachelor's degree in biology, chemistry or related field; one to two years experience as a lab technician; knowledge of molecular biology; knowledge of techniques in working with DNA.

Garage Attendant I

940632-R. *Transportation*. Schedule: Part-time, 17 hours per week from 4:30 p.m. to 1 a.m. Saturdays and Sundays. Requirements: High school graduate or equivalent; cashier experience preferred; good interpersonal and communication skills to serve heavy customer volume.

Secretary/Receptionist

940642-R. *Psychiatry*. Requirements: High school graduate or equivalent; some post-high school training helpful; good grammar skills, phone manners; ability to work under pressure; typing 40 wpm with experience on WordPerfect.

Minority Affairs Assistant

940650-R. *Minority Student Affairs*. Requirements: High school graduate or equivalent, some college preferred; typing 55 wpm with experience on WordPerfect 5.1; three to five years experience in a college/university setting preferred.

Medical Research Technician

940655-R. *Anatomy*. Requirements: Bachelor's degree, preferably in the biological sciences; one year of undergraduate chemistry course work and strong biology background; familiarity with computers, preferably Macintosh; experience with microscopy, molecular biology preferred.

Statistical Data Analyst

940663-R. *Biostatistics*. Requirements: Bachelor's degree, master's degree preferred; SAS experience with data analysis or data management; aptitude for numbers and strong communication skills.

Executive Director, Billing and Collections

940680-R. *Administration*. Requirements: Bachelor's degree, preferably with an emphasis in business, finance or related field, MBA or MHA highly desired; seven to 10 years experience in large faculty or private practice or large healthcare facility with emphasis on management of patient accounts, budgeting and third-party reimbursement; good human relations and interpersonal skills.

Graduate Student Coordinator

940688-R. *Biology and Biomedical Science Graduate Affairs*. Requirements: High school graduate or equivalent, some college preferred; three to five years experience in an independent, responsible position; good oral and written communication skills; excellent organizational skills; experience with word processing and personal computer; typing 55 wpm.

Contract Administrative Assistant

940692-R. *Planning*. Requirements: Associate's degree from two-year paralegal or legal assistant program; knowledge of business law, especially contracts and warranties; strong written and verbal communication skills.

Secretary II

940696-R. *Administration*. Schedule: Part-time, 20 hours per week, days flexible. Requirements: High school graduate or equivalent, bachelor's degree preferred; two years of secretarial experience; excellent organizational and communication skills; IBM personal computer experience preferred; typing 60 wpm. Position located at Monsanto, 800 N. Lindbergh.