Health plans to undergo key changes

Facets with significant medical inflation and very high claim experiences in all health plans, the University is implementing two key changes as part of the fiscal year 2003 health open enrollment.

First, CIGNA HealthCare’s HMO and POS plans are being replaced with UnitedHealthcare’s HMO and POS plans. And, second, an option is being added to the Alliance Blue Cross Excel and Basic plans that allows for the selection of a smaller network of providers (BIC, Unity and Washington University Physician Network included) in exchange for lower premiums.

These changes result in the offering of six health plans and a denominator plan to eligible University faculty and nonunion staff. The health plans include the package of medical, dental, prescription drug, vision and vision examination coverage.

This new lineup of plans provides both extensive choice and a wide range of premium levels.

In addition to the new plan offerings, there will be changes in the office and emergency room co-pays for the UnitedHealthcare HMO and POS plans, changes in the deductibles and out-of-pocket maximums for the Blue Cross Excel plans and changes in the three-tier prescription drug co-pays.

To assist faculty and nonunion staff members with the selection of the appropriate health plan, the human resources office is providing the following sources of information:

- Informational packets will be sent to campus boxes during the week of April 29.
- A special Web site — hr.wustl.edu/openenrollment — has been launched.

Open enrollment

The health-care benefits open enrollment period is scheduled from May 1-31 and most health benefit changes will be effective July 1. Any enrollment changes to health or dental-only coverage must be made by 5 p.m. May 31.

Darrow gift establishes Catholic professorship

The Religious Studies program in Arts & Sciences will benefit from a $1.3 million gift from Stella E. Darrow to establish the Stella Koetter Darrow Professorship in Catholic Studies.

The gift will significantly enhance the Religious Studies curriculum by complementing its current strengths in Jewish studies and Islamic studies.

In making the announcement, Chancellor Mark S. Wrighton said, "Through this very generous gift, Stella Darrow has made a lasting contribution to scholarly pursuit in Religious Studies at Washington University, which will be felt for generations to come. We are grateful for her strong commitment to this important field, which will allow us to foster a deeper understanding of the historical, philosophical, theological and social impact of the Roman Catholic Church. And it will create new opportunities for greater interaction with the St. Louis Catholic community."

Almiet T. Karamustafa, Ph.D., associate professor of history and of Religious Studies and director of the Religious Studies program, said that the new chair will be a great addition. "Attracting top-notch faculty has been a consistent goal of the program, and this new professorship will allow us to recruit a prominent scholar in the area of Catholicism," Karamustafa said. "Christianity is one of five areas of concentration in our program, and I am pleased that we can now strengthen its place in our curriculum. We are very grateful for this wonderful donation." Student interest continues to be felt for generations to come.

Faculty achievement awards

Kornfeld, Schaaf are 'outstanding choices'

This year’s faculty achievement award winners are Stuart A. Kornfeld, M.D., the David C. and Betty Ferrell Distinguished Professor of Medicine and professor of biochemistry and molecular biophysics in the School of Medicine, in this year’s recipient of the Carl and Gerty Cori Faculty Achievement Award, Barbara A. Schaal, Ph.D., the Spencer T. Olin Professor of Biology in Arts & Sciences, is this year’s recipient of the Arthur Holly Compton Faculty Achievement Award.

"Professors Kornfeld and Schaaf are both outstanding choices for the faculty achievement awards," Chancellor Mark S. Wrighton said. "Each has been recognized with School of Art sophomores in Special Topics in Core: Outdoor Design Installation, led by Lecturer Amy Nedler, recently created a series of public artworks for sites on the Hilltop Campus. Above, Ashley Hornsby puts the finishing touches on Circle No. 5, a series of progressive geometric forms built of wood but designed to resemble steel I-beams. At left, Michael Majestic hangs "waves" of plastic sheeting as part of Unda, an installation in McMillan Courtyard designed to recall the flow of wind and water.

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A researcher studying the last common link between vertebrates and invertebrates has found a gene involved in the development of a body layer in invertebrates duplicated within the vertebrate lineage after the development of amphioxus. Gibson-Brown has found that a development of a body layer in invertebrates specified by the expression of a gene, T-box, leads to vertebrates like humans.

One of the major achievements of this gene is its ability to specify the formation of the neural tube in invertebrates — a primitive invertebrate species is the amphioxus, a small marine worm. The amphioxus was one of the first animals to have a T-box gene, involved in the development of the brain.

While the vertebrate expression of T-box genes has retained its original function in forming the mesoderm, or "middle skin" layer, in all vertebrate studies — from fish to amphibians to humans — the duplication of the T-box gene function and instead has evolved a role in specific tissues. This shows us how old genes can be reactivated to form new organs.

"These genes are not just conserved because the origins of novel developmental functions can be traced," said Gibson-Brown, who provided this research in a forthcoming issue of Molecular and Developmental Evolution.

His next step will be to look for these genes in lampreys, primitive jawless fish similar to the amphioxus, and in vertebrates like humans. He is interested in how T-box genes, present in all vertebrates, specify the evolution of T-box genes in the last common ancestor of amphioxus and humans.

Gibson-Brown said, "I have just begun work with lampreys, a very primitive vertebrate and one of the last species of jawless fish still alive today. Because lamprey ancestry evolved relatively shortly after the divergence of vertebrates from amphioxus, they provide the next stepping stone in the story of T-box gene evolution.

By comparing the expression of T-box genes in the amphioxus, the lamprey and the mouse, Gibson hopes to better understand the role that changes in gene regulation have played in the evolution of T-box genes.

"I want to understand the regulatory elements controlling the expression of T-box genes in different species and how these elements have been achieved by the evolution of regulatory elements," he said.

**Campus Watch**

**In this letter to the Washington University community, Chancellor Mark S. Wrighton reaffirms the University's commitment to equal employment opportunity and cultural diversity.**

Washington University is committed to the maximum utilization of all human resources and the goal of equal opportunity. We wish to reaffirm that commitment and hire, train and promote persons in all aspects of our daily operations who can contribute to the University's success, and we promote a work environment that is free from discrimination and harassment on the grounds of race, color, age, religion, gender, sexual orientation, national origin, veteran status, or any other characteristic.

Every effort shall be made by our personnel actions to assure that each person is encouraged to apply for all job opportunities. In addition, managers shall take affirmative action to ensure that women and minorities, Vietnam-era and special disabled veterans, and the disabled are introduced into the workforce and that these individuals have access to employment opportunities. This approach is consistent with and predicted by the U.S. Equal Employment Opportunity Commission regulations.

Washington University is committed to providing all employees and applicants with equal employment opportunity. Washington University is an equal opportunity employer and is committed to providing employees and applicants with a discrimination and harassment free work environment.

In the following issues, we will report on the results of our ongoing research efforts. For more information, please contact the Office of Equal Opportunity.

**Grady student satisfaction evident in survey results**

It's difficult to learn if you aren't hungry.

And in a recent groundbreaking survey of students, parents and faculty, students at Washington University expressed their satisfaction with the quality of their education.

The survey was conducted by the Office of Equal Opportunity, and the results are now available online at survey.nagps.org.

The aim was to gain a better understanding of the student experience at Washington University and to identify areas for improvement.

"We have received overwhelming positive feedback from the students," said Diane Duke Williams, director of Equal Opportunity. "Students are excited about the opportunities that are available to them, and they are happy with the support they are receiving from the University."

The survey results are available online at survey.nagps.org.
Beebe named Janet and Bernard Becker professor

By Bill Driven

David C. Beebe, Ph.D., has been named the new Janet and Bernard Becker Professor of Ophthalmology in the School of Medicine.

Announcement of the appointment was made by William A. Pock, M.D., executive vice chancellor and dean of the School of Medicine.

"Endowed chairs allow us to recognize individuals and to support their important contributions to research, and we are excited to have a superb candidate for such recognition," Pock said. "But this professorship also stands as a tribute to the legacy and generosity of Bernie and Janet Becker. Dr. Becker's glaucoma research and his record as a teacher and administrator are unsurpassed, and together with Janet, the Beckers' work in the community is legendary. This professorship recognizes their commitment to education and scientific research in general, and to Washington University in particular.

"The Beckers have a long history of involvement with education, the arts, and social causes in St. Louis. The Becker Professorship is an endowed chair, the Department of Ophthalmology and Visual Sciences' one of two chairs originally instituted in 1983 in recognition of the service and leadership of Bernard Becker, M.D., professor emeritus and head of the department.

The Beckers have been instrumental to the Department of Ophthalmology and Visual Sciences for half a century, and the professorships endowed in honor of Peggy Sansone, the late wife of Anthony Sansone, the Beckers' work in St. Louis. The Peggy Sansone memorial chair is dedicated to scientific research in general, and the professorship recognizes their "major contribution to the field of human vision research," according to Janet and Bernard Becker, who are also especially grateful for the "outstanding contributions to the field of vision research."
4.p.m. Anatomy and Microbiology seminar. Jeffrey A. Marlin, pdf, of Pathological Physiology and Anatomy and of Pathology. Mount Sinai School of Medicine. 4:50 Medical Science Center. 504-360-7483.
5.p.m. Biology lab. Autumn Hunter限额。 "Cheerful Walks of Knowledge and Development." "Field to Field". Dr. R.L. "James Hlava. In the Anatomy and Pathology of the Nervous System. In the Production and Research. Eric P. Newman Education Center. 504-360-7483.
12.a.m.2.00. Chemistry Seminar Series. "Neuroimmunology and Pathology of the Nervous System." Eric P. Newman Education Center. 504-360-7483.
13.00 a.m.2.00. Chemistry Seminar Series. "Neuroimmunology and Pathology of the Nervous System." Eric P. Newman Education Center. 504-360-7483.
14.00 a.m.2.00. Chemistry Seminar Series. "Neuroimmunology and Pathology of the Nervous System." Eric P. Newman Education Center. 504-360-7483.
15.00 a.m.2.00. Chemistry Seminar Series. "Neuroimmunology and Pathology of the Nervous System." Eric P. Newman Education Center. 504-360-7483.
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Native American social welfare systems symposium May 21-23

By JESSICA N. ROBERTS

The Kathryn M. Buder Center for American Indian Studies and the Department of the History of Art at Yale University hold the symposium "The Native American Social Welfare Systems Symposium May 21-23," an interdisciplinary symposium on the development of Native American social welfare systems in the United States. The symposium will bring together scholars from a variety of fields to explore the historical, cultural, and political context of these systems and their impact on Native American communities.

The symposium will be held on the Yale University campus from May 21-23, and will feature a series of lectures, panel discussions, and workshops. The keynote speaker will be Dr. Nancy Whiskey, a leading expert on Native American social welfare systems, who will discuss the history and development of these systems in the United States.

The symposium will also feature contributions from a number of other prominent scholars and experts, including Dr. Thomas P. Mullen, a leading historian of Native American social welfare systems, who will discuss the role of government in the development of these systems. Other speakers will include Dr. David A. Grinnell, a leading expert on Native American culture and history, who will discuss the impact of these systems on Native American communities.

The symposium will be free and open to the public, and will be held in the Yale University Art Gallery. For more information, please visit the symposium website at http://www.yale.edu/symposium.

April 26, 2002 5
Law school presents public service awards

We are delighted to enter into this collaborative venture with the School of Engineering and Applied Science at Washington University, organized the efforts to build the St. Louis Internet2 Access Consortium. "Internet2 will provide a much better environment for science and engineering research, though it is available to anybody who communicates with other educational institutions," said Cox, who was a long-time chair of the computer science department. Primarily, it will provide Internet2 access for imaging capability, including three-dimensional animations, to facilitate distance learning and collaboration. Internet2, eventually, will provide common access to a variety of resources, such as telescopes, microscopes and other instruments.

Thomas F. Moberg, Ph.D., vice president and chief information officer at Saint Louis University, said, "Both the St. Louis Internets and Anheuser-Busch Hall. The goal of this collaborative venture with the St. Louis Internet2 Access Consortium is to provide common

databases, cell imagery and data sets, cell imagery and streaming video. It will enable our research team to collaborate with partners around the world so we can exchange extremely large genomics data sets, cell imagery and streaming video. It will be an enabling for our research work.

"Connectivity provided through our partnership in the St. Louis Internet2 Access Consortium will pay great dividends for science in our region for years to come," Moberg said. Kevin Kremers, regional vice president of marketing for SBC Southwestern Bell-Missouri, said, "SBC is pleased and excited to be partnering with three world-class institutions in this initiative. We look forward to enabling Internet2 access over SBC's state-of-the-art network." John Weller, assistant vice chancellor of network and library technology at Washington University, will continue to operate Internet2 for Washington University access. "The Washington University in St. Louis campus data network was created under Dr. Cox's leadership," Weller said. "The St. Louis Internet2 Consortium was conceived based on his vision and his understanding of how networks currently support and sustain research, teaching and learning outreach efforts. While there are immediate economic and technical benefits derived from the consortium, the future of a St. Louis regional network is rich with possibilities. We look forward to exploring this new opportunity." Cox said that the access network will also provide data transmission speeds up to 1,000 megabits per second and will provide connectivity to the Abilene network for each of the consortium institutions. He expects that more academic and educational institutions will join the consortium once the core institutions are connected to all other Internet2 institutions through the nation-wide Abilene network. For additional information on the St. Louis Internet2 Access Consortium, call Cox at 935-462 or e-mail jec@wustl.edu.

Elizabeth Patton (left), public service coordinator in the School of Law, congratulates Rebecca R. Garcia, a student in the law school. The St. Louis Internet2 Access Consortium president is Danforth Washington Jr. Cox, who was educated by Sacred Heart College in her heart. As a former librarian, Macias said. "This is an important tradition that has been one of the religious, cultural and political experience and history." The University has approximately 1,200 students registered at the Catholic Student Center, and I hope it will result in a deepening understanding of Roman Catholic thought and history," Braun said.

Creating a richer, deeper Catholic experience is important to Darrow, a native graduate of Arts & Sciences. Her commitment to student life, she was part of a group of men and women who provided the financial support for the Newman Center on campus and provided counseling services at 6352 Forsyth Blvd. During those years, Darrow helped run the Newman center, which raises funds to support students. The University's most recent office, 1991, Braun changed the name to the Catholic Student Center at Washington University, Stella Darrow established an endowed professorship for the University's for research in brain mapping and high-energy physics. She has been active with the Center since 1985, and has served on its library council and its National Council.

"In addition to its contributions to the medical school and the School of Arts & Sciences, it has supported a number of projects in Arts & Sciences and is a long-standing member of the Washington University Women's Studies Initiative," Cox said.

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**Notice**

Brian D. Carpenter, Ph.D., a long-time supervisor of psychology in Arts & Sciences, has received a one-year, $4,000 grant from the American Psychological Association for research titled "Fatigue and Sleep in Cystic Fibrosis." He is also a member of the Department of Psychology and a member of the American Psychological Association.

Sharon A. Teefey, M.D., an associate professor of radiology in the School of Medicine, has received a one-year, $399,998 grant from the BSRN Research and Education Foundation for an "Investigation into the Role of Platelet Aggregation in Cerebral Vascular Disease." She is also a member of the Department of Radiology.

Raymond E. Arvidson, Ph.D., an assistant professor of earth and planetary sciences, has received a five-year, $624,435 grant from the National Science Foundation for research titled "The Dynamics of Earth's Interior." He is also a member of the Department of Geology and Geophysics.

Lee Ratner, M.D., Ph.D., a professor of medicine, has received a five-year, $624,435 grant from the National Heart, Lung, and Blood Institute for research titled "Hypermethylation of the MLH1 Gene in Colorectal Cancer." He is also a member of the Department of Medicine.

Alan L. Schwartz, M.D., Ph.D., the Harvey B. Buerger Professor and chair of pediatrics in the School of Medicine, has received a five-year, $814,348 grant from the National Institutes of Health for research titled "Pathogenesis of X-linked Hemorrhagic Disease in Children." He is also a member of the Department of Pediatrics.

David C. Linehan, M.D., an assistant professor of surgery, has received a five-year, $44,739 grant from the U.S. Department of Energy for research titled "Multidisciplinary Approach to the Treatment of Cancer." He is also a member of the Department of Surgery.

Jonathan D. Gillin, M.D., the Heinz E. Robson Professor of Pediatrics in the School of Medicine, has received a one-year, $50,000 grant from the Alzheimer's Association for research titled "Pathogenesis of X-linked Alcoholic Misuse." He is also a member of the Department of Psychiatry.

**Obituaries**

Key, libraries employee

Francis Key, a longtime University Libraries employee, died Wednesday, March 27, 2002. He had been the chief of the University's binding supervisor for 23 years, from 1982-1984.

Andrews, botany dean

Henry N. Andrews Jr., Ph.D., a professor and chair of the University's School of Botany and dean of the botany department, died April 1, 1994, died in his sleep.

**Arts & Sciences undergrads collect major awards**

By ANDY CLENDENNING

Several undergraduate students in Arts & Sciences recently received national recognition for what they have done and for what they intend to do.

Sophomore Bethany Ehmilan, pursuing a double major in earth and planetary sciences, in environmental studies and in mathematics; and junior Lauren Griggs, pursuing a double major in earth and planetary sciences and in systems science and mathematics, each received a Morris K. Udall Scholarship administered by the Udall Foundation and the National Science Foundation. The scholarships fund tuition, fees, books and room and board up to a maximum of $12,000 a year.

Ehmilan also received the prestigious Goldwater Scholarship.

Udall scholarships are granted to those who demonstrate a commitment to fields related to the social and natural sciences. American or native Alaskan students in fields related to health care; scientists in environmental fields; and liberal arts students in the social sciences and humanities are eligible for the Udall and his legacy of public service.

Raymond E. Arvidson, Ph.D., the James S. McDonnell Distinguished University Professor and chair of earth and planetary sciences, advises both Ehmilan and Griggs.

Dirk M. Killin, Ph.D., assistant dean, academic affairs chair and department head at Arts & Sciences, said, "They are both terrific young leaders and very strong students. We haven't had such a strong student in many years now, in large part due to the leadership of Dr. Regina Frey and Dr. Edward Hiss in the chemistry department."}

**Notables**

Harold Blumenfeld, professor emeritus of music in Arts & Sciences, was also known for his work with the St. Louis Circle of Jewish Musicians to compose a set of Lord Byron's "The Jurlp the Moonlight" for the St. Louis Symphony Orchestra. He was also a leader in the field of opera and a composer of several operas.

Rinaldo V. Bolfino, a professor of music and dance, has received a one-year grant from the National Endowment for the Arts for research titled "Radiolabeled Matrix Metalloproteinase Inhibitors for Breast Cancer Therapy," and a grant to purchase a musical instrument for the School of Music. He is also a member of the Department of Biology.

**Blumenfeld concert April 29**

The Blumenfeld concert April 29 honors the work of the late Harold Blumenfeld, professor emeritus of music in Arts & Sciences. The event, sponsored by the National Association for Anorexia Nervosa and Associated Disorders, recognizes those who have suffered from an eating disorder and helped participants to accept themselves and their fellow classmates.

**Building acceptance**

Ariana Prawda and junior Anna Fishbein help light each other's candles at the annual Candlelight event, sponsored by the National Association for Anorexia Nervosa and Associated Disorders, recognized those who have suffered from an eating disorder and helped participants to accept themselves and their fellow classmates.

**Goldwater scholarship**

The Barry M. Goldwater Scholarship and the Excellence in Education Foundation awarded 110 scholarships to sophomores and juniors. The Goldwater scholars were selected from a field of 8,155 nominees in the fields of mathematics, science and engineering.

The scholarships will cover tuition, fees, books and room and board, up to a maximum of $7,000 a year. The program is designed to foster and encourage outstanding undergraduate students to pursue careers in mathematics, the natural sciences and engineering.

University recipients are Ehmilan, Sam Gross, double-majoring in physics and computer science in the School of Engineering and Applied Science; Karen Raff, double-majoring in chemistry and French; and Cory Simpson, majoring in biology.

"We have done very well with the Goldwater program for many years now, in large part due to the leadership of Dr. Regina Frey and Dr. Edward Hiss in the chemistry department, and Dean Edward Macias," Killin said. "They have served on the Goldwater committee for a number of years, and we have had excellent nominees each year. This is the first year that all four of our nominees have won. (Nomination institutions may nominate up to four students.)"

"I was truly thrilled. The Goldwater is generally considered to be, if not the most prestigious, then certainly one of the most prestigious awards for undergraduate careers planning careers in the sciences, engineering or math.

In recent years 44 Rhodes scholars and 39 Marshall scholars had previously been Goldwater Scholars. This year's 32 Rhodes Scholars are also Goldwater Scholars.

Killin was particularly pleased that several departments have begun to use the Goldwater program to identify students who are considering careers in the sciences.
Jay Turner, D.Sc., associate professor in chemical engineering with a joint appointment in civil engineering, utilizes Air-Q, a real-time atmospheric composition analysis system, to monitor airborne particulate matter. He relocated to St. Louis from his previous work at the University of Minnesota. "The scientific method provides a means to make every person in the room feel that he is directing his research," Turner said. "In his research on air-pollution studies, one of air, the other of water. Through his work at the Harvard University School of Public Health, Turner has been involved in studies ranging from cardiovascular disease to pulmonary illnesses. He teaches a suite of courses, mainly in environmental engineering, and has been involved with the school's Environmental Engineering Program since its inception in the mid-1990s. Turner is a bundle of energy who radiates knowledge and caring. When he speaks to a class or an audience, he has the capacity to make every person in the room feel that he is directing his research personally and only. He brings passion, purpose and an unrelenting persistence to his research."