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Transplantation of insulin-producing cells begin at WU

On Jan. 6, WU School of Medicine and Barnes Hospital began a series of transplant operations in which insulin-producing (islet) cells are taken from cadaver pancreases and transferred to insulin-dependent diabetics.

The primary objective of islet cell transplantation is to provide normal minute-by-minute control of blood sugar, and relieve diabetics of their dependence on insulin injections. Islet transplantation, therefore, is an alternative form of diabetes therapy — not a diabetes cure.

While this initial series marks the first time such transplants have been done in St. Louis, similar operations have been done more than 150 times at other transplant centers.

In this first phase of clinical trials, researchers will be trying to determine how many viable human islets are required to eliminate a patient's diabetic state. In addition, these clinical trials should confirm whether the spleen is an optimal site for the location of the transplanted cells, as has been indicated in animal studies.

All candidates selected for this initial series are insulin-dependent diabetics who previously received a kidney transplant and currently are taking immunosuppressive medication. The medication, which helps prevent kidney rejection, should also forestall rejection of the transplanted islet cells.

Should the first phase of transplant prove to be successful, a second phase will be started with patients who will not be taking anti-rejection drugs. In this phase, the human islet tissue will be specially processed and pretreated according to methods developed by Paul Lacy, M.D., Robert L. Kroc Professor of Diabetes and Endocrine Diseases, and David Scharp, M.D., associate professor of surgery.

These special techniques have significantly reduced islet cell rejection in non-immunosuppressed laboratory animals. According to researchers involved in the current study, islet cell transplantation can only be considered a viable diabetes therapy if it can be completed without long-term reliance on immunosuppressive agents.

Observatory open on clear evenings

The WU Observatory, located atop Crow Hall, is open to the public on every clear evening. Monday through Friday, from 7 to 10 p.m. Students of astronomy will be on hand to answer questions and supervise use of the equipment, including a 126-year-old telescope. For more information, call 889-OBSV during viewing hours.

Groups are welcome, but tour arrangements should be made in advance by calling Michael W. Friedlander, professor of physics, at 889-6279.

¡Bienvenidos!*

WU hosts first major U.S. conference on 20th-century Colombian literature, history

Alfonso Lopez Michelsen, former president of Colombia, will deliver the keynote address at an international symposium on "Literature and History in 20th-century Colombia" to be held March 19-23 at WU.

Lopez Michelsen will speak on "The Loss of Panama: Its Effect on Colombia" at 4:30 p.m. Thursday, March 21, in Steinberg Auditorium, Steinberg Hall. He was president of Colombia from 1970 to 1974 and still is active in the politics of the Liberal Party there. Colombia lost ownership of Panama to the United States in 1903 when the Panama Treaty was signed. Lopez Michelsen also has written over 15 books on literary and political topics.

The symposium is the first major conference on Colombian literature and history in the United States, according to Raymond L. Williams, WU associate professor of Spanish and a specialist in Colombian literature. Other conference highlights include:

• A poetry reading in Spanish, moderated by Juan Luis Mejia, at 6 p.m. Tuesday, March 19, in Hurst Lounge, Duncker Hall. Poets include Marla Mercedes Carranza, Harold Alvarado and Meira Delmir.

• An Assembly Series lecture by Seymour Menton, professor and chairman of the department of Spanish and Portuguese at the University of California-Irvine, on "Magic Realism: 1918-1981," at 11 a.m. Wednesday, March 20, in Graham Chapel.

• A discussion of "Literature and History in Colombia and Latin America: Comparative Perspectives," from 1:30 to 3:30 p.m. March 20 in Steinberg Auditorium.

• A lecture by David Bushnell, professor of history at the University of Florida and reputedly the most eminent scholar of Colombian history in the United States. He will speak on "Colombia in the 20th Century: A Latin-American Success Story?" at 8 p.m. March 20 in Steinberg Auditorium.

• A showing of the film "Condors Aren't Buried Every Day" in Spanish at 8 p.m. Thursday, March 21, in Steinberg Auditorium.

• A panel discussion on "Reading García Marquez" at 4 p.m. Friday, March 22, in Steinberg Auditorium.

• A tentatively scheduled dialogue, in Spanish, between journalist/literary critic German Vargas and Nobel Laureate/author Gabriel Garcia Marquez. Garcia Marquez cannot attend the conference, Vargas will lecture on the author. ¡Welcome!
The H. L. Kressmont Company, a small five-and-dime emporium in McCarty, Texas, is setting the stage for the Performing Arts Area's spring production, "Come Back to the 5 & Dime, Jimmy Dean, Jimmy Dean." Pictured are (from left) Alicia Miller as an older Mona, Janet Metz as an older Sissy, Suzanne M. Scares as Joanne, Walter Lewis Jr. as Joe, Eric Ehrlich as a younger Sissy and Halle Evan Eichen as a younger Mona. The comedy-drama will be presented at 8 p.m. March 15-17 and at 3 p.m. March 17 in the Drama Studio, Room 208, Mallinckrodt Center.

The Drama Studio transformed into 3-D theatre for 'Come Back to the 5 & Dime, Jimmy Dean'

The H. L. Kressmont Company, a small five-and-dime emporium in McCarty, Texas, is setting the stage for the Performing Arts Area's spring production, "Come Back to the 5 & Dime, Jimmy Dean, Jimmy Dean." Pictured are (from left) Alicia Miller as an older Mona, Janet Metz as an older Sissy, Suzanne M. Scares as Joanne, Walter Lewis Jr. as Joe, Eric Ehrlich as a younger Sissy and Halle Evan Eichen as a younger Mona. The comedy-drama will be presented at 8 p.m. March 15-17 and at 3 p.m. March 17 in the Drama Studio, Room 208, Mallinckrodt Center.

The store is decorated for the 81st annual Thurtene Carnival, to be held April 19 times as the carnival itself. Proceeds from the carnival will go to the St. Louis Ronald McDonald House. For the last three years, the house has served as an inexpensive, comfortable and supportive home-away-from-home for children with cancer and other illnesses.

The committee is hoping for increased participation in the carnival by dormitory residents and student organizations.

Eggs take dive strong stay alive

On March 17, WU's soup du jour will be egg drop. It will be served between 1 and 3 p.m. on the ground in front of Shepley dorm.

The egg drop will be an old-fashioned egg drop. The strong will survive and the weak will splatter in the mud, along with their dreams of fame and eggknowledge.

"The eggs will be tossed from Shepley dorm's balcony," explained Tim DeLamatre, mechanical engineering student and former egg drop en- ce. "There's a bonus on every other floor. The 11th floor is the final floor. If they survive that — and it's a tough one — they're eligible for the prizes."

The egg drop, which is part of WU's Engineers' Weekend, is sponsored by AT&T Technologies. Three $25 prizes will be awarded. Usually, there's at least one egg that doesn't crack up under pressure. Last year, there were 11.

All eggs will be placed in personalized egg-protective devices. A prize is awarded for slowest descent, best crowd appeal and best engineering design.

"We don't allow rubberizing or fossilizing eggs. It's a little sadistic. Teddy bears usually only make it a few drops. We've never had one make it to the top."

Parachutes attached to some type of padded rubber egg holder usually fare well, DeLamatre said. But eggs should be secured tightly or it's soup city. "It'll land and the egg will bounce out on the sidewalk and die."

Supposedly, eggs must land within 50 feet of a designated target, but droppers are almost always given three tries to hit the mark. Especially if the crowd likes their egg.

"There are endless variations in design," he continued. "We've had people take a teddy bear and put an egg inside him — a little sadistic."

Eggs take dive.

Strong stay alive.

On March 17, WU's soup du jour will be egg drop. It will be served between 1 and 3 p.m. on the ground in front of Shepley dorm.
Art imitates life as actress plays role she’d like to land

This article is part of a continuing monthly series profiling WU students.

"Pardon me, my name is Ruby. And I’m a dancer. I just got off the bus and I want to be in a Broadway show."

These first few lines from "Dames at Sea," a musical Off-Broadway musical, reflect the same determination exhibited by WU senior Janet Metz. A native of Miami, Fla., Metz has considered reading a theatre production on a tiny Caribbean island 500 miles south of Florida. "I had been preparing for the role since September," said Metz, who spent Dec. 10 though Jan. 20 performing with the Cayman National Theatre Company on Grand Cayman Island. "I knew how my lines, nothing was going to stop me," said Metz, with all of the excitement and anticipation that precedes an opening night performance.

For the Brooklyn, N.Y., native, playing the character Ruby meant playing a role she would like to experience herself — one of sweet, and imminent, success. In a typical Ruby Berkeley parody, Ruby exalts in the elevation of stardom within 24 hours of the play’s title. "The role is a special one," said Metz. "You really love it for the role of Ruby." Metz embarked on her exciting journey to the tropical paradise of Grand Cayman in what she describes as "high style." She also took with her experiences gained at the Williamstown Theatre Festival in Massachusetts and the summer theater in Keene, N.H., which she attended during the summers of 1983 and 1984.

In January, she and other cast members gathered at the Eugene O’Neill Theater Center in Waterford, Conn., where she attended the National Theater Institute during the second semester of last year. After three days of orientation, the cast was shuttled to the airport by three white limousines, which paved the way for a dream-come-true experience that lay hundreds of miles away.

The first two weeks of island living were spent in rigorous rehearsal for the 20 performances scheduled in the new, 200-seat Cayman National Theatre, a quarter-round theatre with the fourth wall open to the lush tropical environs. "Dames at Sea" was the second U.S. touring production she played in the first phase of what ultimately will become the F.J. Harquil Cultural Center. "It was exciting to be in a place that has something new on the island," said Metz.

Despite the courses, the lavish parties, and the snorting life behind rose-colored sunglasses had its drawbacks. Transportation was limited to pick-up trucks, the most ready vehicle for group travel. The abundance of portly insects and other island creatures fattened by the warm, humid climate detracted from some of the glamour and glitter as well. And the frog in the shower, said Metz, was not an enlightening experience. Far worse than the soft-shelled crab that sidled its way across the living room floor.

The friendly people, however, made the difference. Metz recalled the cast’s visits to elementary schools as particularly rewarding and enjoyable. As part of the theatre group’s contract, the performers spoke to 9-, 13- and 14-year-olds about auditioning, acting, choreographing and other elements of theatre. The children also invited to attend matinees of the production.

Although acting has been an interest of Metz ever since grade school days, the decision to pursue it as a career was made only two years ago, when she changed her major from medicine to drama.

A student who excelled in high school biology, garnered red ribbons in science fairs, did an internship in cancer research, volunteered for 24 hours in a hospital and worked for a cardiologist, Metz was a prime candidate for a successful career in medicine.

The death of a close friend, however, forced Metz to evaluate her own life, a process which resulted in a change of mind. "The idea of dedicating my energies to science when I had these predominant feelings about wanting to perform seemed unfair," she said.

Metz views the future with optimism and a certain sense of trust. "Things have always had a way of working out for me," she said. With a mastery of talent and timely knocks from opportunity, Metz may find her next lines reading, "Pardon me, my name is Janet Metz. I’m delighted to accept the role in what will be my first Broadway show."

Janet Metz portraying Ruby in Grand Cayman Island’s theatre production of "Dames at Sea."

Cynthia Georgis

Fine arts school hosts ceramics conference

WU will feature two ceramic exhibits this month in conjunction with the 19th annual conference of the National Council of Ceramics (NCECA) in St. Louis.

The conference, April 3-6 at the Chase Park Plaza Hotel, is expected to draw more than 1,500 artists, art educators and students. WU’s School of Fine Arts is the host institution.

Large scale ceramic rooms, engravings and walls will be featured in "Architectural Ceramics: Eight Concepts," which runs March 24 to April 28 at WU’s Gallery of Art in Steinberg Hall.

Organized by the Gallery of Art, the exhibit is co-sponsored by NCECA and the American Craft Museum in New York City. The exhibit is scheduled to travel to the American Craft Museum in late May and remain on display through August.

Curated by Michael Rubin, a former St. Louis artist, art critic and art teacher, who now lives in New York, the exhibit features the following artists: Cliff Garten, Tony Hepburn, Judy Monnells, Patrick Biker, the team of Beth Starbuck and Steve Goldner, Akio Takamori, Kurt Weiser and Betty Goodman.

The exhibit makes the statement that ceramics is more than pottery, according to Joseph D. Keiter II, acting director of the Gallery of Art. "The story of ceramic vessels is long and diverse, and the history is almost as long as the vessel’s. Despite the scarcity of literature, contemporary ceramicists are seeking to reintegrate ceramics and architecture."

The exhibition was initiated by Mark Lyman, NCECA conference chairperson and WU lecturer in ceramics. Gallery of Art hours are 10 a.m. to 5 p.m. weekdays and 1 to 5 p.m. weekends. For more information, call 889-5490.

Midwest student members of NCECA will exhibit clay and glass works from March 4 to April 6 in WU’s Bixby Gallery in Steinberg Hall. The juried exhibit will feature nearly 100 works from 24 art institutions.

Bixby Gallery hours are 10 a.m. to 4 p.m. Monday through Friday and 1 to 5 p.m. weekends. For more information, call 889-6597.

Several institutions planning exhibits to coincide with the conference include: the St. Louis Art Museum, Craft Alliance, Laumeier Sculpture Park, the Missouri Botanical Gardens, First Street Forum, and numerous private galleries and higher education institutions.

Ralph Fuchs memorial service held

A memorial service was held March 4 at Indiana University in Bloomington for Ralph F. Fuchs, a retired law professor at Indiana University who formerly taught at WU’s School of Law. Dr. Fuchs died Feb. 7 in Bloomington, Ind., after suffering a heart attack. He was 85.

A native St. Louisan, Dr. Fuchs earned his bachelor’s and law degrees from WU, an advanced law degree from Yale University and a doctorate in economics from the Brookings Institution. He taught law at WU from 1927 to 1942. He served as special assistant to the U.S. solicitor general from 1944 to 1946.

"Dr. Fuchs was a past president of the American Association of University Professors. He was a general secretaries, the association in 1956 when it called for the censure of eight univer-

sities that had dismissed professors who refused to testify before Congressional committees investigating Communist activity at the nation’s campuses. Dr. Fuchs believed that Communist Party members was the United States was not grounds for dismis-
sal from an academic position.

He taught law at WU for 24 years before retiring in 1969. He returned to WU as a visiting professor of law in 1971. In 1978, WU awarded him an honorary degree, and in 1979, he received a Distinguished Alumni award.

He is survived by his wife, Anna Gross Fuchs; a daughter, Martha E. Fergus of Dryden, N.Y.; a son, Hollis A. of Santa Rosa, N.M.; a sister, Lora Sutherland of Don Mills, Ontario; seven grandchildren, and five great-grandchildren.

Boatmen’s Bank pledges $200,000 to WU Alliance

The Boatmen’s National Bank of St. Louis pledged $200,000 to the ALLIANCE FOR WASHINGTON UNIVERSITY, a $300 million fund-raising campaign announced in 1984, according to William H. Danforth, WU chancellor.

"A gift will be earmarked equally for the School of Fine Arts and for the Clinical Sciences Research Building," said WU Medical Center.

The funds sought through the ALLIANCE include $200 million for endowment and facilities and $100 million for annual operations and a special program support endowment.

"This generous gift gives us a great lift. We will do our best to be worthy of the confidence placed in us,"
MEDICAL RECORD

Perfect fit

Computer imagery, surgical options improve artificial hip replacements

At 45, Calvin James is entering the prime of his life. A bus driver for the past dozen years, he also spent several years as a waiter for some of the finest restaurants in St. Louis’ now-defunct Gaslight Square. “Ah, yes, those were the days,” he reminisces, leaning back in his chair. “I met so many greats in show business — the Smothers Brothers, Ethel Merman, Liberace. Harry Belafonte gave me a $1000 tip the night I served him.”

But the decay that began to send the once-proud Gaslight Square on its eventual road to ruin has been paralleled in James’ body. Four years ago, at age 39, chronic degenerative joint disease began to eat away at his body’s ability to resist infection. So good is the problem for someone in their 60s or younger than the typical candidate for hip replacement surgery, long-term problems such as loosening of the implant.

In September 1984, Daum performed the first of James’ surgeries, replacing the end of the right thigh bone at the hip joint with a metal “twin.” But because James is much younger than the typical candidate for hip replacement surgery, long-term problems such as loosening of the prosthesis could have been troublesome. “The real problem in hip replacement surgery,” explains Daum, “is that there are at least three — and probably six to eight — different surgical approaches to alleviate symptoms.”

But besides working to improve the fit of hip prostheses for patients like Calvin James, Daum has also made strides in improving the surgery to implant it. “One of the interesting things about hip surgery,” muses Daum, “is that there are at least three — and probably six to eight — different surgical approaches

Philip Stahl named head of cell biology and physiology department

Philip D. Stahl, Ph.D., has been named Edward Mallinckrodt Jr. Professor and Head of the Department of Cell Biology and Physiology at WU. His appointment was announced by Chancellor William H. Danforth, M.D. Stahl has been on the faculty of the School of Medicine for almost 15 years, most recently as professor of physiology and biophysics.

Stahl’s research has centered on the mechanisms of protein transport and degradation in macrophages, cells which help eliminate worn out components in the body, repair injured tissue and aid in defense against infectious agents. Protein digestion in cells involves digestive bodies called lysosomes. In 1978, Stahl and his colleagues discovered a new receptor on macrophages which binds sugar-coated proteins (glycoproteins) as well as certain microorganisms and transports them into the cell’s lysosomes where they are digested. These studies have been influential in our understanding of the mechanism by which cells recognize and transport proteins.

Stahl received his doctorate in pharmacology from West Virginia University in 1967. He has been on the faculty at WU since 1971, when he was hired as an assistant professor, and has been professor of physiology and biophysics since 1982.

In 1980, Stahl was a Senior International Fogarty Fellow of the Sir William Dunn School of Pathology at Oxford University. During this period he and his colleagues at Oxford developed the first macrophage hybridoma, which allowed for the production of these cells and their products in large quantity. His training also includes postdoctoral fellowships with the Arthritis Foundation in the molecular biology department at Vanderbilt University, and with the Space Sciences Research Center and pharmacology department at the University of Missouri.

His research on the macrophage hybridoma is supported by the National Institutes of Health, and the National Institutes of Health, and the National Cancer Institute. He is a member of the Pathobichemistry Study Section of the National Institutes of Health, and co-chairman of the Gordon Conference on Glycoproteins.

The Program in Occupational Therapy at WU School of Medicine will host an open house Friday, March 15. The open house will be held from 11 a.m.-7 p.m. in the Occupational Therapy Building, located at 4567 Scott Ave. The agenda includes tours of the recently remodeled quarters, as well as an information center that will feature special displays about occupational therapy.

The event is open to the public, and is designed primarily for guidance counselors, prospective students and their parents, and WU faculty members and administrators. More information is available through the Program in Occupational Therapy, 362-6911.
Elderly volunteers suffering from memory loss are needed for research.

The Memory and Aging Project at WU School of Medicine is recruiting volunteers aged 65-84 who have intellectual impairment but are in good general health. Studies include a clinical examination by a physician, psychometric tests of memory and other thinking functions, brain wave tests and a detailed interview to assess their ability to participate in the study.

The Memory and Aging Project at WU School of Medicine is recruiting volunteers aged 65-84 who have intellectual impairment but are in good general health. Studies include a clinical examination by a physician, psychometric tests of memory and other thinking functions, brain wave tests and a detailed interview to assess their ability to participate in the study.

Mr. and Mrs. Norman K. Probstein have honored two physicians by creating an oncology lectureship at the School of Medicine. The Probstein Oncology Lectureship was established in appreciation of professional services provided by William Fair, M.D., former head of the urology division of the Department of Surgery, and Carlos Perez, M.D., professor of radiology and head of radiation oncology at the medical center's Mallinckrodt Institute of Radiology.

The Oncology Lectureship is endowed by a gift from the National Football League Charities, the WU Medical Center, and The Probstein Oncology Lectureship Endowment.

Further information regarding abstract submissions is available from the Scientific Program Coordinator, Office of Medical Affairs, WU Medical Center, 4444 Washington University Boulevard, St. Louis, Missouri 63110.
Surgical sculpture
Microsurgery helps surgeons reconstruct heads and necks

In a high-tech era, surgery without computers and other electronic wizardry may seem almost anachronism. Even today, more than electronic gadgets and technical skills are required — ingenuity and creativity are among the surgeon's less tangible tools.

Such a surgeon is John M. Fredrickson, M.D., Lindburg professor and head of oral and reconstructive surgery at WU School of Medicine. Recently he has produced innovations in microvascular reconstructive surgery of the head and neck, fashioning new body parts out of tissue taken from elsewhere in the patient's body.

In the past, most facial bone reconstruction has been done using rib, a technique developed by Fredrickson in 1973. But a rib is too small and weak to really be an effective substitute for the sturdy jawbone. Patients with the so-called Andy Gump deformity (named for the cartoon character) needed something better.

Fredrickson was able to extend and improve a technique developed by G. Ian Taylor, M.D., of Australia, to utilize another source of bone — the crest of the pelvic girdle. By removing a piece of large muscle that crosses the side of the chest and back, one group of head and neck surgeons, headed by Gershon S. Spector, M.D., professor of otolaryngology, removed the cancerous tongue, another surgical team prepared the site from which the donor tissue was removed, trimming and tailoring the blood vessels in the implant to suit- able matching vessels in the tongue stump. They also connected the re- maining tongue nerve to the nerve in the implant. One year after her surgery, Mrs. Foster is back at work, speaking intelligibly and swallowing well.

Fredrickson believes that these microsurgical capabilities ought to be within the realm of expertise found in departments of head and neck surgery at all teaching institutions. But only a handful of midwestern institutions, including WU Medical Center, teach these skills to physicians being trained in this specialty.

"A department of otolaryngology cannot claim to graduate competent surgeons unless these skills are taught," states Fredrickson. "You would never say that all cardiovascular surgeons have to be able to do heart transplants. But in some of our best institutions, this service should be available. The same can be said for microsurgical reconstructive techniques in head and neck surgery. Not every otolaryngological surgeon will require this skill. But the completely trained head and neck reconstructive surgeon of the future will be re- quired to be skilled in microsurgery. Otherwise, they will not be able to provide the ultimate in care to patients who require these treatments.

According to Fredrickson and other surgeons, a principal disadvantage of microsurgery — the time required to complete meticulous procedures — will lessen as additional surgical tools are developed. The laser, properly focused, can weld together tiny blood vessels in a fragment of the time it now requires, explains Fredrickson. Eventually, microsurgery will probably evolve to the point where surgeons will operate on individual cells.

That day is far in the future, as is the time when advances in immuno- nology solve the problem of tissue rejection, the surgeon's nemesis. If someone can solve the problem of tissue rejection, he will surely win the Nobel Prize," comments Fredrickson. "And when it is accomplished, that will bring about a renaissance in reconstructive surgery. Then, one could take human tissue at the time of death and replace lost tissue for a patient in need. Patients would be much better off than what we can do now, even with the strides in microsurgery that have been made. That's going to be a terri- fying advance when it happens."

Suzanne Hagan

Artificial hip — continued from p. 4

one can use to get into the hip joint, as opposed to doing a gall bladder or appendix operation, where there is only one way to get at it. Because each approach goes through a different set of muscles, there are certain advantages and disadvantages to each surgical approach.

When Daum replaced James' right hip last September, he entered James' hip by cutting through muscles. The disadvantages of this approach are an increased chance of dislocation.

So three months later when Daum replaced James' diseased left hip by the cementless prosthetic, he modified the approach. Instead of cutting through muscle directly, Daum cut the part of the hip to which the muscles attach. Reducing muscle trauma led to a speedier recovery.

"Cutting through muscle means that reattachment is by stitching to- gether cut muscle ends, and a suture just isn't that strong," explains Daum. "Cutting off a piece of bone with muscles attached permits the bone to be replaced by a bone screw or some other form of fixation. This makes everything much more secure.

For Calvin James, the bilateral hip replacements have meant more than a restoration of mobility. They have meant a completely new outlook on life. "It's beautiful to be able to get up out of a chair and just walk away from it without thinking about it. Building myself up to where I was before (the disease) is just a goal I want to work toward. And I always feel good when I think I'm doing something worthwhile."

Suzanne Hagan

(Ed. note: the results of the bone graft and reconstructive tongue surgery will be published in ACTA OTOLARYNGOLOGICA, Volume 99, 1958.)

"Health Matters" television series airs Saturday mornings in March

The WU Medical Center is featured in "Health Matters," a television series that explores advances in health and medicine, on KETC, Channel 9.

During the month of March, half-hour episodes of "Health Matters" will air at 11:30 a.m. on Saturdays.

HEALTH MATTERS SCHEDULE

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MEDICAL CENTER AFFILIATION

Children's Hospital
School of Medicine
Barnes Hospital
Jewish Hospital

(Continued from p. 4)

The above patient with the Andy Gump de- formity was successfully treated with a new bone prosthesis and implantation of the pel- vic bone to reconstruct his jaw.

Using improved microsurgical techniques, John Fredrickson, M.D., head of otolaryn- gology, is able to use the crest of the pelvic girdle to successfully reconstruct the jaw- bone of cancer patients and trauma victims.
SPORTS

WU baseball players swing into action

WU has opened the 1985 baseball season and, with 16 returning letter- men, the team has set its sights on returning to the NCAA Division III regional tournament after participating in the 1982 and 1983 post-sea- sons.

Last year’s team won 18 of its last 23 games, but the finish was not strong enough for a post-season bid as the Bears finished the regular sea- son 21-20. Head coach Rick Larsen expressed happiness with his team’s quick start this year.

“We performed very well on the spring trip and have managed to get off to a quick start,” said Larsen. “I was happy with our hitting and especially pleased with the consist- ency of our pitching staff.”

The Bears opened the season with a doubleheader win at St. Olaf College, 9-5 and 5-3, in Jackson, Mis- souri, on Sunday, March 3, before traveling to Panama City, Fla., for a three contests against Olivet College, Olivet, Mich. The Bears swept the three games and went on to Olivet and then proceeded to win their sixth and seventh consecutive games of the season against Michigan College, 6-1 and 12-2.

Rhodes College stopped the streaking Bears with 7-5 and 4-3 vic- tories on Saturday, March 9, in Mem-phis. The two losses dropped the WU record to 7-2.

Seven of eight regular positions are filled by returnees, which gives Larsen one of his most experienced squads since joining the WU staff in the 1982 season. Senior, all-district shortstop Jim Crisanti, Pittsburgh, and senior third baseman Mike Simon, Woodbury, N.Y., will be the mainstays in the infield. Seniors Hud Norsigian, Belleville, Ill., and Mark Segler, Holland, Mich., share first base duties this season.

Senior Dan Sutton, Emmettsburg, Iowa, will play at second base as senior Todd Levitt, Pittsburgh, will be used in a utility role. Crisanti and Levitt are the co-captains for this year’s team.

WU’s outfield is positioned with juniors Fred Webb, Herndon, Va., and Al Caldwell, Crystal City, Mo., in centerfield and leftfield, respectively. Replacing last year’s leading hitter John Boyle in rightfield is freshman Cornel Foggle, Brooklyn, N.Y.

Four experienced junior hurlers are the core of Larsen’s pitching staff, Matt Feigenbaum, Westfield, N.J. (5-3 last year, 8.30 earned run aver- age), Bob Hudgins, Des Peres, Mo. (9-6, 4.03 ERA), Steve Centner, Granger, Ind., (3-1, 6.08 ERA), and Webb (0-4, 7.06 ERA) all will attempt to improve on last year’s individual records and try to fill the gap left by the departure of two-time All-Ameri- can starter Kelly Field.

After nine games, Crisanti leads the hot-hitting Bears with a .500 bat- ting average. As a team, WU is bat- ting .310.

The Bears’ pitching staff, which recorded a team ERA of 4.97 last year, posted a 2.76 mark on the ferris. Feigenbaum recorded three vic- tories for the Bears and Vetter added two wins.

WU opens the home season against the University of Iowa this Sunday, March 17, at 1 p.m. at Leo Kelly Field.

Men’s and women’s basketball teams finish record-breaking seasons

During the 1950s and 1960s, WU’s men’s basketball team was known as a small college power and played the likes of Missouri, Illinois State, Mar- queette, Loyola of Chicago and Southern Illinois. However, the basket- ball program was dropped from 1971 to November 1981.

With four seasons of the revived sport now completed, the tradition that once surrounded the teams from several decades ago appears to be bouncing back. Admittedly, the schedule is not what it used to be but at the National Collegiate Athletic Association Division III level, the Bears have opened the eyes of their opponents.

Guiding the Bears on the come- back has been head coach Mark Edwards. After starting from scratch in 1981, Edwards and his staff were able to enjoy the benefits of their hard work this year as the squad be- came the school’s first winning basketball team since 1968-69. WU finished 15-9 this season; the pre- vious three seasons the team had won only 17 games total.

Highlights of the 1984-85 season for the Bears included winning two tournament championships — the WU Lopata Classic and the Trinity Classic in San Antonio, Texas, and defeating two perennial NCAA Divi- sion III powers, DePauw University and Wabash College.

The basketball Bears also moved into their new 3,800 capacity field- house and found the building to the liking of those with 10 of 11 contests played at home.

“The key to the season was the quick jelling of our freshmen and senior players,” Edwards said.

There was another attraction at the WU Fieldhouse this winter as the women’s team recorded a 13-5 record in 1984-85, the best season mark by a Lady Bears team since the sport was established in 1979. Help- ing produce that record mark and bringing respectability to the young basketball program has been six-year coach, Gaye Kinnett.

“We’ve come a long way since 1979,” said Kinnett. “This year’s team pretty well surpassed the expec- tations I had for them earlier in the season. I was unsure as to how the freshmen and sophomores would fit into the program, but as it turned out, things couldn’t have gone better.

‘Of course we did run across some struggles this season, but as a whole, we played more as a team than ever before in the past. Debby Braun and Jacques Welkener seemed to work better with the team as the year progressed, which leaves me very optimistic about next season.”

Kinnett’s optimism is due to the fact that sophomores Braun and Welkener were the team’s leading scorer for two more seasons along with other underclass- men returns. Welkener was the team’s leading scorer for the second year in a row, averaging 16.2 ppg, while Braun was close behind with a 16.0 ppg average. Braun’s .805 free throw percentage has her ranked among the top 10 leaders in Division III women’s basketball.

Wenkener has scored 673 career points and, more than likely, will break the all-time scoring mark her junior season. Enjoying the current scoring mark is graduating senior Laura Vrlenich, who broke the pre- vious scoring mark earlier this year and ends her four-year career with 801 points. The St. Louis native and Bishop DuBourg High School grad- uate scored 11.9 ppg for WU this season.

With key players returning next year for both Kinnett and Edwards, it appears the winning ways will con- tinue for WU. The ultimate goal of both squads is to earn a berth in the NCAA’s post-season tournament. But to accomplish that feat, both coaches and teams must continue their building process, a process that appears to be on target.
CALENDAR

TUESURES
Thursday, March 14
5-8 p.m. Dept. of English and Policy Seminar. "Use of Medical Record for Clinical Diagnosis and Implications of Its Use in an Autonomous Medical Record System." John H. Gibbs, master of science candidate at WU, 303 Lopata.


11 a.m. The Annual Tyrrell Williams Lecture, "Sapacitic Surveillance: Intelligence or Espionage or Fraud Protection." William Webster, director, FBI, Graham Chapel.

1 p.m. Poetry Discussion, Poet Alan Dungan will hold an informal discussion in Hurst Lounge. Sponsors are Cadenza, student Union Speaker's Board and WU English department.

11 a.m. 130 p.m. Dept. of Romance Languages and Literatures Symposium: Literature and Literatures in the 20th century in Colombia with David Bushnell, prof. of Fl., Steenberg audit.

9 a.m. Personal Computing Education Series, "Understanding the Chemistry of Iron Complexes with Synthetic Macrocyclic Ligands," Daryle H. Dioxygen Chemistry of Iron Complexes with Synthetic Macrocyclic Ligands, Daryle H.

9 a.m. Dept. of Economics Seminar, "Car of the 20th Century." Calvin Streeter and Michael Zakour, both doctoral candidates in GWW School of Social Work, Michael Streeter, WU last prof. of social work, and David F. Gillespie, WU assoc. prof. of social work, Brown Hall lounge.

9 a.m. Dept. of Economics Seminar, "Applications of Computational Methods in the Internal Revenue Service." Howard Schneiderman, Monsanto Co. Sponsored by the Master of Liberal Arts Program, Cadenza, Student Union, 114 Cadenza.

9:30 a.m. Assembly Series Lecture, "Cruizar Acre: The Profile of a Medieval City in the Amazon.", David Jacoby, prof. of history, Hebrew Hurst Lounge, Duncker Hall.

10:30 a.m. School of Fine Arts Slide Lecture with Peter Dean, Visiting Louis D. Beautiful, U. Hurst Lounge, Duncker Hall.

10 a.m. 12 p.m. Poetry Discussion, "Translating Baudelaire," Robert Howard, poet, translator and critic, Hurst Lounge, Duncker Hall.

Friday, March 15
5-8 p.m. Symposium: Western Europe in Transition. Germany's Role in the European Community, Scholars from Europe and the U.S. will speak, sponsored by the Center for the Study of Public Affairs, Eliot College.

9 a.m. Writers' Colloquium, "The Road to Damascus." Robert Pack, poet, Hurst Lounge, Duncker Hall.

9 a.m. Dept. of Romance Languages and Literatures Symposium: Literature and Literatures in the 20th century in Colombia with David Bushnell, prof. of Fl., Steenberg audit.

9 a.m. Dept. of Chemistry Seminar, "Heavy ion Induced X-Ray Stellite Emission," Michael K. Flaxman, Rama Oak Ridge National Lab. McMillan.

9 a.m. Dept. of Romance Languages and Literatures Symposium: "Literature in the Age of Panama." Effect on Colombia," Alfredo Lopez-Michelet, former president of Colombia, Steenberg audit.


Monday, March 17
3-5 p.m. Poetry Reading, "Dime, Jimmy Dime," by Jimmy Dean. Sponsored by the Master of Liberal Arts Program, Cadenza, Student Union, 114 Cadenza.

11 a.m. Saturday Seminar Roundtable Discussion, "Medicine and the New Biology." Howard Scheniderman, Momento Co. Sponsered by the Master of Liberal Arts Program and University College. Hurst College's Big Monday.

1 p.m. Performance, "Come Back to the 5 & Dime, Jimmy Dean, Jimmy Dean." Directed by Dramas Studio, Room 208 Baker. Directed by Colleen Cheek. Also March 17th at 3 and 8 p.m. Admission is $2 at the door.

8 p.m. Edison Theatre presents "Sara and Jerry Pearson Dance Duo." (Also Sat., March 17, same time. Edison Theatre is free; WU faculty, center and students, $5; WU students, $4. For more info, call 889-5175.)

Friday, March 15
8 p.m. Performing Arts Area presents "Come Back to the 5 & Dime, Jimmy Dean, Jimmy Dean." Directed by Dramatic Studio, Room 208 Baker. Directed by Colleen Cheek. Also March 17th at 3 and 8 p.m. Admission is $2 at the door.

8 p.m. Edison Theatre presents "Sara and Jerry Pearson Dance Duo." (Also Sat., March 17, same time. Edison Theatre is free; WU faculty, center and students, $5; WU students, $4. For more info, call 889-5175.)

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Exhibitions
"SHELTON HELMSMAN, Selected Works, 1959 to 1984." Through March 31. Gallery of Art, print gallery. 10 a.m.-5 p.m., weekdays. 1-5 p.m. weekends. Evening hours, 889-5490.

"1949 Century Art from the Permanent Collection." Through March 21. Gallery of Art. Lower gallery. 10 a.m.-5 p.m., weekdays; 1-5 p.m. weekends. Eveniing hours, 889-5490.

"National Council of Education for the Ceramic Arts (NCECA) Student Show. Clayton." March 17 to April 6. Bidley Gallery, Bidley Hall. 10 a.m.-5 p.m., weekdays; 1-5 p.m. weekends.

"Merrill, Poet." March 15 to July 15. Olin Lib., Special Collections, level 5. 8 a.m.-5 p.m., weekdays; 10 a.m.-2 p.m., Saturdays.


Friday, March 14
7-9 p.m. WU Filmboard Series, "La Dama." Directed by John Cassavetes. Sponsored by the Master of Liberal Arts Program, Cadenza, Student Union, 114 Cadenza.

Tuesday, March 19
9 a.m. Dept. of Romance Languages and Literatures Symposium: "Learning About Words From a Definitional Approach." Richard Webster, medieval instrumentalist from Chicago, Holmes Lounge.

Wednesday, March 20
5-8 p.m. Dept. of Music with Mary Springsteen, music educator and the New Biology. Howard Scheniderman, Momento Co. Sponsored by the Master of Liberal Arts Program and University College. Hurst College's Big Monday.

Friday, March 15
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Saturday, March 15
8 a.m. Dept. of Music WU Symphonic Winds Concert with Dan Presgraave, director. Kim Waggoner is clarinet soloist. Edison Theatre.

Saturday, March 23
8 p.m. College Musician Concert directed by Kevin Mason. Open "LaDafne," to be sung by Wendy Gillespie and Paul Elliott, both visiting artists from England. Holmes Lounge.

Wednesday, March 20
8 p.m. Dept. of Music WU Symphonic Winds Concert with Dan Presgraave, director. Kim Waggoner is clarinet soloist. Edison Theatre.

Thursday, March 21
5 p.m. Men's Tennis, WU vs. UMSL. WU Tennis Courts.

Saturday, March 23
11 a.m. Men's Tennis and Women's Track and Field. WU Invitational. Ladue High School.

Monday, March 18
10 a.m. Poetry Reading with Richard Howard, poet, translator and critic, Hurst Lounge, Duncker Hall.

Tuesday, March 19
6 p.m. WU Women's Club's Gala Dinner Auction, celebrating the club's 75th year and honoring Barbara. Wife of Chamber-william H. Danforth. WU Field House. Sponsored by the Master of Liberal Arts Program, Cadenza, Student Union, 114 Cadenza.

Wednesday, March 20
4 p.m. Personal Computing Education Center Short Course, "Using Microcomputer," Karen Sanders, computer specialist. (Also March 19-22, same time.) Free to WU community. To register and for location, 889-5813.

Saturday, March 23
6 p.m. Dept. of Romance Languages and Literatures Symposium: "The Poetry Reading in Spanish." Poets include Maria Mercedes Carvajal, WU prof., and Meita Delmar. Moderator is Juan Luis Mejia. Hurst Lounge, WU Tennis Courts.

Wednesday, March 20
3:30 p.m. Poetry Discussion, Poet Alan Dungan will read from his works. Brown Hall Lounge.

Thursday, March 21
7:30 p.m. Inter-Varsity Christian Fellowship Meeting, "The Importance of Scripture." Green Stuffs Line, Wohl Center.

10 a.m. Poetry Reading with Richard Howard, poet, translator and critic, Hurst Lounge, Duncker Hall.

Friday, March 15
7:30 and 9-45 p.m. WU Filmboard Series, "Romancing the Stone." R2 Brown Hall. (Also Sat., March 16, same time, and Sun., March 17, 2 p.m., Brown.)

Midnight. WU Filmboard Series, "Attack of the Killer Tomatoes." $1.50. Brown Hall. (Also Sat., March 16, same time, and Sun., March 17, 4-15 p.m., Brown.)

Monday, March 18
7-9 p.m. WU Filmboard Series, "The Miracle of Morgan's Creek." $2 Brown Hall. (Also Mon., March 19, same times, Brown.)

Wednesday, March 20
7-9 and 9:30 p.m. WU Filmboard Series, "The Go-Between." $2 Brown Hall. (Also Thurs., March 21, same times, Brown.)

Thursday, March 21
8 p.m. Dept. of Romance Languages and Literatures Symposium on Colombia Film "Conquered no enteran todos los dias." Spanish with English subtitles. Discussion after film Graham Chapel.

Friday, March 22
7-9 and 9:30 p.m. WU Filmboard Series, "Mephisto." $2 Brown Hall. (Also Sat., March 25, same time, and Sun., March 24, 2 p.m., Brown.)

Midnight. WU Filmboard Series, "The Road Warrior." $1.50. Brown Hall. (Also Sat., March 23, same time, and Sun., March 24, 4-10 p.m., Brown.)

Sports
Saturday, March 16
10:30 a.m. Women's Tennis, WU vs. St. Louis U. WU Tennis Courts.

Monday, March 21
1 p.m. Baseball, WU vs. U. of Iowa. Kelly Field.