The Measure of Our Success

Edelman urges seniors to ‘wander off the beaten career path’

On May 15, Marian Wright Edelman, founder and president of the Children’s Defense Fund, presented the 131st Commencement address at Washington University in St. Louis. She received an honorary doctor of humanities degree. Edelman, a longtime advocate for the disadvantaged, urged the 2,349 graduates to “wander off the beaten career path and help redefine success in America,” noting that not much can get us, but how much can I do without and share. Here are excerpts from her address, “The Measure of Our Success.”

On the future

“The 1990s will be an era of struggle for the American conscience and future. The battles will not be as dramatic as Gettysburg or Vietnam or Desert Storm, but they’re going to shape our place in history. I want to convey that same vision of faith, the need to survive and disregard the harms our societies may inflict. But May’s concept doesn’t require people to alter their lives drastically. He encourages people to make small changes, like participating in dialogues about racial issues and associating with people who are different. He says people usually do what they need to do to survive and disregard the harms their societies may inflict.”

Lessons on life

Some of the lessons she shared with the graduates were taken from a letter she wrote to her three sons:

“Don’t be a political bystander or grumbler. Vote. Democracy is not a spectator sport. Run for political office, and I especially want women to run for political office. We women certainly can’t do a worse job than the men in power now. It doesn’t matter how many times you fall down. All that matters is how many times you get up.”

“Never work just for money. Money won’t save your soul or build a decent family or help you sleep at night. We’re the richest nation on earth with the highest drug addiction and child poverty rates in the world.”

“Take the initiative in creating your own opportunity and don’t wait around for other people to discover you or do you a favor. Don’t assume a door is closed; push on it. Don’t assume if it was closed yesterday that it’s closed today. And don’t ever stop learning and improving your mind, because if you do, you and America are going to be left behind.”

“Let’s face up to rather than ignore our ongoing racial problems which are America’s historic and future Achilles’ heel. If we don’t heal it, it’s going to kill us.”

Special advice

Edelman told the minority graduates that you can’t ‘never take anything for granted in America, even with a college degree, and you’d better not start now in racial intolerances arises all over our land. Some of it is as blatant as David Duke or Willie Horton or Rodney King’s jury, but some of it is wrapped up in new euphemisms and better etiquette. But as Frederick Douglas warned us earlier, it’s the same old snake.”

“If there are any white graduates among you who feel entitled to leadership by accident of birth, let me remind you that the world you face is already two-thirds non-white and poor and that our nation is becoming a mosaic of greater diversity that you’re going to have to understand and respect to survive and to succeed.”

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Students eagerly scanned the Commencement programs, searching for their names and those of their friends and classmates. On May 15, Marian Wright Edelman, founder and president of the Children’s Defense Fund, presented the 131st Commencement address at Washington University in St. Louis. She received an honorary doctor of humanities degree. Edelman, a longtime advocate for the disadvantaged, urged the 2,349 graduates to “wander off the beaten career path and help redefine success in America,” noting that not much can get us, but how much can I do without and share. Here are excerpts from her address, “The Measure of Our Success.”

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Washington receives $1.7 million grant

Washington University has been awarded a five-year $1.7 million grant from the Howard Hughes Medical Institute (HHMI) as part of a program designed to keep American undergraduate students competitive in science and mathematics.

The University was named one of 42 American universities to join 139 other institutions in the single largest private initiative for higher education in U.S. history. The initiative, begun in 1988 by HHMI, now involves 181 public and private colleges and universities in an ambitious effort amounting to $179.5 million. The $42 grant in 1992, which range from $1 million to $2 million, and total $52.5 million, will support various activities, including student research, faculty development, curriculum and laboratory development, and precollege and outreach programs.

Washington University, California Institute of Technology, Oklahoma State University, the University of California, Berkeley, and the University of Pittsburgh each received $1.7 million or more, placing them in the highest tier of universities awarded grant money in this round of the program.

The grant to Washington University will support a program to increase student access and involvement in the sciences early in their college careers, including summer research opportunities, and a mentoring program and tutorial services for St. Louis high school teachers, particularly those with significant enrollments of underrepresented groups. The program will be administered by the Los Angeles Institute in biomedicine providing laboratory training in molecular biology for students, orientation of intending secondary laboratory courses; and developmentally to implement the new curriculum.

We have heard repeatedly about the problems in science and math education in our elementary and high schools over recent years,” said HHMI President Purnell W. Choppin, M.D. “But we remain convinced that our young people are capable and interested in learning, if

Continued on p. 3
Donald F. Cairns, Ph.D., professor of engineering and technology management, has been appointed to the newly created School of Technology and Information Management (STIM). The announcement was made by Christopher I. Byrnes, Ph.D., dean of Science. The appointment became effective May 26, 1992.

Cairns joined the STIM faculty in 1986 by appointment of the Master of Engineering Management in STIM and the Master of Science in Management of Technology in the School of Engineering and Applied Science. Previously he was vice president of Granite City Steel Co.; president of the National Engineers and Associates, a unit of National Steel Corp.; and chairman of Cairns, Hile and Meter Inc.

Cairns succeeds Robert J. Benson, J.D., who will continue in his university-wide role as associate vice chancellor for computing and communications. Benson was the founding dean of STIM. Benson also will pursue teaching, research, and information technology management activities within engineering and applied science.

### Acting dean of student affairs named

Justin X. Carroll has been named acting dean of student affairs, according to Edward S. Macus, Ph.D., provost. The appointment is effective immediately.

Carroll, associate dean of student affairs for student services, has worked in the student affairs division for 11 years, beginning as director of student activities in 1981. In 1986 he was promoted to associate dean and also served that year as acting director of residential life.

"I am truly pleased that Justin has agreed to take on the additional responsibilities of running our student affairs program on an interim basis," Macus said. "His 15 years of leadership in higher education, including executive and student development, have proven him to be a talented, effective, and well-respected professional.

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**Grant**

the opportunities are made available to them in the right way.

"I am extremely pleased that someone with Don Cairns' outstanding experience, industry, business, and higher education will lead our School of Technology and Information Management. His background provides a wonderful bridge between the academic and corporate world and management activities our program provides to our students and sponsors. He is an excellent successor to the pioneering work begun by Bob Benson," Byrnes said.

Cairns is a 1950 graduate of the University of Illinois in civil engineering. He went on to earn a master's degree and doctorate in business administration at St. Louis University while pursuing a career with Granite City Steel Co., where he rose from project engineer to vice president between 1956 and 1979.

In 1979 Cairns was named president of the international engineering and management consulting division of National Steel Corp. In 1984 he was named chairman of the board of directors of National Engineers and Associates Inc. — a post he held until 1989.

He holds a number of patents on emission controls, which has been the author of numerous papers and presentations on environmental regulations, strategic management of technology, and related matters. A veteran of World War II, he served in the Army Corps of Engineers and received the Bronze Star, the Good Conduct Medal, and the Presidential Unit Citation.

Cairns is a registered professional engineer and a former member of the Missouri Board for Architects, Professional Engineers and Land Surveyors.

### Scientists worldwide to gather for quasicrystal conference

Some 120 scientists from around the world will gather April 31 to June 5 at Washington University to discuss quasicrystals — a state of matter discovered in 1984 by John W. Cahn, one of four scientists who discovered this new class of materials, will deliver the keynote address at the Fourth International Conference on Quasicrystals. Cairns is the Senior Fellow at the National Institute of Standards and Technology in Gaithersburg, Md. The discovery of quasicrystals was the most important breakthrough in 1984, according to the journal Physics Today.

Quasicrystals have characteristics of both crystals and glasses — two of the types of solids traditionally recognized by physicists. In quasicrystals, the spacing of atoms follows certain mathematical rules, but the sequences are not uniformly repetitive, as in crystals. This different arrangement of atoms is the subject of worldwide investigations into the nature of solid matter and would result in new materials with a wealth of interesting electronic and physical properties.

The unique structure of these materials produces unusual electrical and mechanical properties," says Patrick C. Gibbons, Ph.D., professor of physics at Washington and co-organizer of the conference with Kenneth F. Kelton, Ph.D., associate professor of physics at the University. "At the third conference last year, we had a hint of these properties. Since then, great progress has been made in understanding this new structure of matter, in part because of the better and larger samples that have been made to learn," adds Gibbons.

Sponsors of the conference are: Washington University, the National Science Foundation, the Department of Energy, the International Union of Crystallography and JEOI Inc.
Garland E. Allen, Ph.D., professor of biology and director of the University of Minnesota, received the Distin-
guished Lectures in the Humanities at the University of Toledo. The four-series
was titled "Darwin and Wagner, the Commonality of Culture and the Construction of Knowledge.
Allen served as primary speaker and lecturer in a series on "The Tension Between
Evolution and Religion in the Late Nineteenth Century," 1900-1945, at the
joint meetings of the American Historical Association, the Society and the British Society for the History of Science in Toronto.

Ralph V. Clayman, M.D., professor of otorhinolaryngology and radiology, received The Distinguished Contri-
bution Award at the annual American Otolaryngological Association meeting held in Washington, D.C. The award, estab-
lished in 1990, is presented annually to an individual who has made
outstanding contributions to the science and practice of otorhinolaryngology.

Andrew N. Goldberg, M.D., instruc-
tor in otolaryngology, delivered a talk on "The Pragmatic Significance of Historical Findings in Direc-
tion Specimens" at the Masters in Otolaryngology Meeting in Snowmass, Co. He also served on panels
dealing with "Common Problems in Head and Neck Tumors: Patho-
Interpretative Conditions of the Paranasal Sinuses." The conference was
sponsored by the American Association of Otolaryngology Head and Neck Surgery.

Peter Heath, Ph.D., associate profes-
sor of chemistry and director of literary studies, presented a paper on "Al-Ghazzali's Psyc-
ological Concept of the Moral Life of the Arab Society" at the American Oriental Society, held in Cambridge, Mass.

Samantha Rainwater, manager of
Center, has been appointed chair of the Public Relations Commi-
net for the National Association of Educational Buyers (NAEB). The NAEB is a professional association serving the purchasing professionals who support higher education. Rainwater was appointed after completing a year as committee president and chairing the committee's electronic mail newsletter and providing all members with updates on the society's activities.

Beverly A. Thompson, director of quality planning and improvement at the Institute of Radiology, has been
elected to a three-year term on the executive committee of the American Society of Training and Development's Quality Management Network. The network is one of the three networks of ASTD.

Thompson also is serving her third
and is on the board of directors of the local chapter.

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people disassociate themselves from
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"Easier than people realize"
May acknowledges that in extreme
cases, individuals may have to make
tremendous sacrifices in order to act
responsibility. "I'm not suggesting that all
of this is going to be easy," he says, but
it's "a lot easier than people realize."

"I'm trying to get people to reconceive their role in the world.
"- Larry May

World's best attend magnetic resonance symposium honoring Weissman

More than 250 people — including the 1991 Nobel Prize winner in chemistry, Richard Ernst — attended a symposium
at Washington University in Enweisens Enerio
Co. Symposium on Magnetic Resonance in Chemistry.
Held in recognition of the 80th
birthday of Samuel H. Weissman, Ph.D., professor emeritus of chemistry, this
year's symposium drew the largest
attendees at any symposium, according to Weissman, who said Schaefer, Ph.D., professor of chemistry and program chair.

"I think the large attendance reflects the quality of the program and its increasing reputation," Schaefer said. "We had some of the world's best in magnetic resonance speak on a diversity of topics."

Nuclear magnetic resonance (NMR) is a widely used research tool that lets
scientists identify atoms and understand
the chemistry of molecules. Applications range from improving medical diagnoses to agricultural research.

In addition to Ernst, a magnetic resonance pioneer, speakers included the following:
Robert G. Frank, Massachusetts Institute of Technology; and Hams Thomson, Exxon Research and Engineering Co.

Weissman, a National Academy of Sciences member, began his career at Washington University in 1946. He was a pioneer in demonstrating that the technique of nuclear magnetic resonance can be used
obtain structural information, to measure rates of fast reactions and to probe spin dynamics of biomolecules in their natural state.

David Goldfring, professor emeritus, dies

David Goldring, M.D., who for more than 90 years directed the Division of Cardi-
ogony in the Department of Pediatrics, died on May 26 at his Uni-
home. Goldring, 78, founded the pediatric cardiology
division and was its leader until a few years ago. He was a pioneer in research to define the
causes of high blood pressure in children.

Goldring earned his undergraduate and medical degrees from Washington University in 1926 and 1940, respectively. He became
an instructor in the Department of Pedi-
ries in 1940 and was named full professor
in 1959. From 1964 to 1967, he served as acting head of the pediatrics department.

He was one of the Decendants of Pediatric Cardiology to 1950 and, in 1981, was elected to a three-year term on the executive
committee of the American Society of Training and Development's Quality Management Network. The network is one of the three networks of ASTD.

Evelyn; a daughter, Nancy Goldring,
New York City; two sons, Steven and
, both of Boston; two grandchildren,
and a brother, Sidney Goldring, M.D., professor in residence in the School of Medicine. Plans for a memorial service are being made by the medical school and Children's Hospital.

"I'm trying to get people to reconceive their role in the world.
"- Larry May

May points to the Jeffrey Dahmer
and David Duke cases, two women
called police after completing their term as treasurer on the board of
the Commonality of Culture
the University of Toledo. The four-day
symposium honoring Weissman
was a leader in
Head and Neck Surgery.

Among the survivors are his wife,
and of Louisiana, May says he was prob-
that he might be more respon-
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shared responsibility for that violence,
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CALENDAR
June 4-July 4

LECTURES
Friday, June 5
9:45 a.m. Pediatric Grand Rounds. "The Fragile X Syndrome." Michael Watson, ass. prof. of pediatrics and of genetics, director, Diagnostic Cytogenetic Laboratory, WU School of Medicine. Clopy Auditorium, 4950 Children's Place.

Friday, June 6
4 p.m. Dept. of Biology Seminar. "Genetic Control of the Regulation of Rhodobacter Sphaeroides." Sergey Shetalov, Russian Academy of Science. Z2446

Friday, June 12
9:15 a.m. Pediatric Grand Rounds. "Cerebellum." Richard Upton, prof. of pediatrics, director, WU Medical School. Miller Children's Hospital, 4950 Children's Place.

Saturday, June 13
6:30 p.m. Baby's Student Association Sponsors an International Potluck followed by stories of Colombian life. Free. Please bring some food to share and a friend or two. Nix Auditorium. 6740 Fray Hall. For more info., call 865-2065.

Tuesday, June 23
8:30 a.m. Computer-Integrated Manufacturing Center Presents a Seminar. "SAS: Data Modelling Tools and Implementation." Martin Herbert, senior associate, CSDP. (Through June 30, same time.) Room 11 Prince Hall. Cost: $100 per class, plus material fee. Bixby Hall and Lauterstein Sculpture Park. For more info., call 935-6097.

Wednesday, June 24
8:30 a.m. Center for the Study of Data Processing Presents a Seminar. "SAS: Advanced Processing Workshops." Cara Yindra, CT Training Associates. (Through June 26, same time.) Room 11 Prince Hall. Cost: $100 per class. For more info., call 935-5380.

Films
Friday, June 19
7:30 p.m. The Lewis Psychosocial Institute Presents "Annie Hall," with a lecture afterward. Calendar Deadline

EXHIBITIONS
Friday, June 5
8 p.m. Dept. of Music Presents a Gateway Festival. "Spring Festival Quodlibet." Location: Graham Chapel. Cost: $5. For more info., call 727-0456.

Sunday, June 7
2 p.m. Dept. of Music Piano Recital by Brian Blogg and Steven Neumann. Location: Art of Free. For info., call 432-4718.

Music
Friday, June 5

Thursday, June 18
8:30 a.m. Computer-Integrated Manufacturing Center Presents a Seminar. "Forecasting and Distribution Management Tools and Implementation." Martin Herbert, senior associate, CSDP. (Through June 28, same time.) Room 11 Prince Hall. Cost: $100 for WU faculty and staff. For more info., call 935-5220.

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MISCELLANY
Monday, June 8
9 a.m. and 1 p.m. Soccer Camp for boys and girls, ages 15-16. Camp will be taught by Tom Detscher, senior management consultant, American Software. Location: 229 Prince Hall. Cost: $100 for WU faculty and staff. For more info., call 935-5380.

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Tuesday, June 16
8:30 a.m. Computer-Integrated Manufacturing Center Presents a Seminar. "SAS: Data Modelling Tools and Implementation." Martin Herbert, senior associate, CSDP. (Through July 1, same time.) Room 11 Prince Hall. Cost: $100 for WU faculty and staff. For more info., call 935-5380.

Thursday, June 18
8:30 a.m. Computer-Integrated Manufacturing Center Presents a Seminar. "Implementing EDI (Electronic Data Interchange)." Steve Levit, president, Levit and Associates. (Through June 18, same time.) Room 9 Prince Hall. Cost: $100 for WU faculty and staff. For more info., call 935-6097.

Monday, June 22
8 a.m. and 5 p.m. Volleyball Camps for children in grades second through 12. Camp will be taught by Tom Detscher, senior management consultant, American Software. Location: 229 Prince Hall. Cost: $50 for WU faculty and staff. For more info., call 935-5380.

Tuesday, June 23
8:30 a.m. Computer-Integrated Manufacturing Center Presents a Seminar. "Implementing a Multi-Vendor TCP/IP Network." Tom Detscher, director, STMA. (Through June 12, same time.) Cost: $100 for WU faculty and staff. For info. and location of seminar, call 935-4444.

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