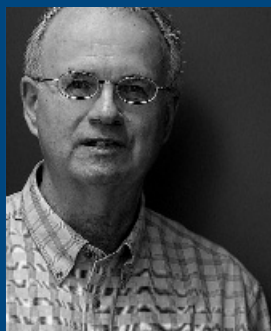
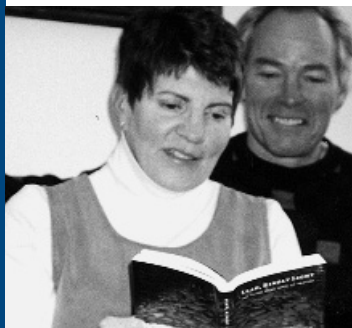


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Alumnus/Trustee makes \$40 million gift

By Matthew Storin

John W. "Jay" Jordan II, a 1969 alumnus of and a member of its Board of Trustees, is making a \$40 million gift to the University, it was announced Friday at the annual winter meeting of the trustees on campus.

The gift by Jordan, the latest in a series of donations to Notre Dame by the Chicago-based businessman, is the second largest ever received by the University and establishes Jordan as the most generous benefactor in Notre Dame history. The purpose of the gift is as yet undesignated.

Jordan is also the principal benefactor for the \$70 million Jordan Hall of Science, currently under construction on the eastern edge of the campus.

Rev. Edward A. Malloy, C.S.C., president of the University, said, "This is an extraordinary gift from a man whose generosity will forever stand in a legendary way as part of Notre Dame's heritage."

Rev. John I. Jenkins, C.S.C., who in July will succeed Father Malloy, noted the past gifts by Jordan and said, "Jay's unselfish devotion to his alma mater is remarkable. The commitment and insight that he brings to our Board of Trustees is a source of inspiration to all of us at the University. He can take great comfort in considering the generations of Notre Dame students who will reap the benefits of his contributions in so many ways."

The surprise announcement of the gift at the Board of Trustees' meeting in McKenna Hall was greeted with prolonged applause and expressions of gratitude.

Jordan is the founder of the Jordan Company (TJC), a private investment firm that acquires, manages and builds companies for the TJC partnership account, and is chairman and chief executive officer of the Chicago-based holding company Jordan Industries Inc.

Jordan Hall, for which ground was broken in November 2003, is scheduled for completion in the summer of 2006. It will include 40 undergraduate laboratories for biology, chemistry and physics; two 250-seat lecture halls; a 150-seat multimedia lecture hall; two classrooms; 22 faculty offices; offices for



John W. "Jay" Jordan II speaks during the November 2003 groundbreaking of the Jordan Hall of Science. Joseph Marino, dean of the College of Science, is right of Jordan. *Photo by Heather Gollatz.*

preprofessional (pre-med) studies; and a greenhouse, herbarium and observatory. Jordan previously funded construction of the Jordan Auditorium in Notre Dame's Mendoza College of Business and has played a leadership role in supporting numerous other initiatives on campus. He is chair of the Board of Trustees' Investment Committee, which oversees the University endowment, and a former chair of the Finance Committee.

Jordan was elected to the Board of Trustees in 1993. Previously, he was a member of the Advisory Council for the College of Business, serving as its chair for four years.

Two of Jordan's children have earned undergraduate degrees at Notre Dame. John W. Jordan III was graduated from the Mendoza College of Business in 2001 with a degree in finance. Daughter Jennifer was graduated from the College of Arts and Letters in 2003 with a degree in Film, Television and Theatre.

Think of your heart on Valentine's Day

By Judy Bradford

Valentine's Day—when we normally wear and buy a lot of red—will carry a dual purpose this year on campus.

Monday, Feb. 14, has been designated Wear Red Day to raise awareness about cardiovascular disease. Heart disease and stroke are the Number 1 and Number 3 killers of women 25 and older.

The University's female employees and students will be encouraged to wear red clothing; red pins are being distributed as part of the American Heart Association's greater educational project, Go Red for Women.

Plans for the day and subsequent activities will aim to educate women and men about the health threat.

"The exciting thing about this is we are going to make it a total campus event," says DeeDee Sterling, Work Life coordinator and University liaison

with the Go Red for Women campaign.

A survey of health trends at Notre Dame shows that the concern is warranted. Two medications for high cholesterol, Lipitor and Zocor, are among the top five prescriptions used by University employees, according to Medco Health Solutions, Inc. records. Ten percent of all female employees take heart-related medications.

The campaign emphasizes the link between heart disease and obesity, which has increased 75 percent in the past 14 years.

Maintaining a healthy weight through a heart-healthy diet and exercise is its primary focus.

Understanding the odds is also a part of the educational process: A woman may be at risk if she has a family history of early heart attack or stroke, has had a previous heart condition or high blood pressure, or is over 50. (Of 2,151 female employees, 2,101 of them are 25 and older, with an average age of 45.)

Calling attention to these health facts is the aim of the Wear Red Day. Feb. 14 will also kick off a community campaign that will culminate on the Notre Dame campus May 3 with educational booths, health screening opportunities and a fashion show of red dresses, Sterling says.



Q: What will traffic patterns look like once Edison Road is straightened?

A: The illustration below shows the existing Edison Road and, curving below the existing road, the revised Edison Road. When completed, its west-to-east route will pass through the former Logan Center (which is to come down this summer), into the Notre Dame woods then through the grassy area that is used for parking on football weekends.

As the illustration shows, Edison will join with a revised segment of Ivy Road that falls a little further west of the current Ivy/Edison intersection. It also will sweep to the south, cutting through the grassy area to join up with Twyckenham Drive. This portion of the project is to be completed this summer. It is part of a two-year project that will eventually see the removal of Juniper Road through the campus.

Among uses for the area north of the new Edison Road, a newly landscaped Town Common open space is planned in front of the Marie P. DeBartolo Center for the Performing Arts. The area north of the realigned Edison Road is reserved for the University's long-term growth.

Contributed by the University Architect's office.



Notre Dame stadium and the Joyce Center anchor the top of this map, which shows how Edison Road is being rerouted through the Notre Dame woods to meet up around Ivy Road and Twyckenham Drive.

Darfur crisis is subject of symposium

ND Works staff writer

Three of the most internationally influential voices on the crisis in Darfur, Africa, in western Sudan, will explore the international policy issues and principles at stake at a conference Wednesday, Feb. 23.

The event will take place from 3 to 8 p.m. in the Jordan Auditorium of the Mendoza College of Business. The conference has been organized by students who have been moved by the plight of Darfur and who have been working under the auspices of the Center for Social Concerns (CSC) and the Kroc Institute. Almost a dozen University divisions and departments are lending support.

The purpose of the conference is to educate the University community and the local public on the crisis, in which the government and militia of Darfur are engaged in the ethnic cleansing-type purge of villagers, many who are practicing Muslims, resulting in tens of thousands of deaths and destruction of home and property. An estimated 1.8 million villagers have been driven from their homes.

Key presenters will be:

- John Prendergast, former advisor on Africa to President Clinton and special advisor to the president of the International Crisis Group. Prendergast recently led a delegation of U.S. Congressional representatives to Darfur to survey the impact of civil war and genocide-type conditions.
- Francis Deng, Senior Fellow for Policy Studies at the Brookings Institution and the former Sudanese Ambassador to the United States. Deng is considered one of the foremost authorities on sub-Saharan African refugee movements.
- Larry Minear is the director of the Humanitarianism and War Project at Tufts University and was an active member of Operation Life-Line Sudan in the 1980's. He has written extensively on humanitarian challenges, politics, intervention and the human rights interface.

Rachel Tomas Morgan, who oversees the CSC's justice education

program, says the conference has been organized through the efforts of a group of students who felt Sudan wasn't capturing the attention of the University community. Their initial thought was to organize an awareness-raising campaign, but it "mushroomed" into a symposium. Sophomore Patrick Corrigan heads the group.

George Lopez, professor of political science and a fellow in the Kroc Institute who has been working with the students, says they were "blown away" to be able to attract such high-powered speakers. He credits the patience and savvy of their planning, which involved rescheduling the conference so that Prendergast could travel internationally, and so the conference would not compete with the University's attention to the needs of the victims of the Dec. 26 tsunami.

The Symposium also is sponsored by the College of Arts and Letters, the Provost's Office, the Kellogg Institute, the Center for Civil and Human Rights, Amnesty International, the Office of the President Emeritus, the Department of African and African American Studies and the Notre Dame Holocaust Project.

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NDWorks

Crnkovich elected VP for communication and public affairs

By Matthew Storin

Hilary Crnkovich, an executive in the Chicago office of public relations and public affairs firm Burson-Marsteller, was elected vice president for public affairs and communication. Friday by the Board of Trustees at its winter meeting.

Crnkovich (pronounced Ser-ko-vich), who will assume her duties March 2, brings to the post a wide variety of experience in marketing including strategic positioning, crisis management, lobbying, communications, Internet strategies and media relations over a 20-year career.

"Notre Dame is fortunate to attract individuals at the top of their professional careers and certainly that's the case with Hilary," said Rev.

John I. Jenkins, C.S.C., the University's president-elect. "Her credentials are impeccable and they match our needs in the very challenging media and marketing climate of the Internet era."



Crnkovich

He added, "Hilary also has a deep understanding of our academic mission, our commitment to maintaining the Catholic character of the University and the wide-ranging constituencies that constitute the Notre Dame family."

An alumna of the University of Michigan, Crnkovich's husband,

Chris, is a 1978 graduate of Notre Dame.

Rev. Edward A. Malloy, C.S.C., the University's president who will turn the office over to Father Jenkins on July 1, said, "I welcome Hilary to our administration and, while our time together will be brief, I look forward to taking advantage of her expertise in the months ahead." Father Malloy is retiring after 18 years as president.

"I am extremely excited and honored to be coming to Notre Dame and to be associated with the finest Catholic university in the world," Crnkovich said. "I hope to positively influence the way the world sees and experiences the University in the coming years."

Crnkovich has been at Burson-Marsteller since 2002, but had previously worked for the firm from 1989 to 1993. From 1993 to 2003, Crnkovich was a partner in Chicago-based DesignKitchen, an award-winning print and web site design firm. Earlier in her career, she served as senior account executive at The Earle Palmer Brown Companies of Bethesda, Md., and Philadelphia, from 1986 to 1989. Over the course of her career, she has worked on a global basis with clients ranging from entrepreneurial start-ups to Fortune 500 conglomerates. Her accounts also have included not-for-profit organizations and quasi-governmental units, such as the Northern Ireland Tourist Board.

She is active in the Chicago community with organizations such as the Rehabilitation Institute of Chicago's Associate Board and the Partnership to Educate and Advance Kids (PEAK). "I am looking forward to being actively involved in the community of South Bend," she said.

The Public Affairs and Communication division, which Crnkovich will oversee, includes the University offices of marketing, media relations, community relations, Web and print design, photography, video, internal communications, and Notre Dame Magazine. She succeeds J. Roberto Gutierrez who stepped down last month.

Crnkovich earned her bachelor's degree in political science from Michigan in 1983 and later studied graphic design and fine arts at the Parsons School of Design in New York City.

Whitman wrangles students and community resources to fight autism

By Judy Bradford

We all want to change the world. But sometimes the world changes us.

The world that changed psychology professor Thomas Whitman was that of autism.

About 10 years ago, Whitman began hearing from parents seeking help in implementing early intervention programs for their autistic children.

At the time, Whitman was unfamiliar with the condition or its treatment methods. He listened to parents describe their children's problems and their own search for services. He became fascinated by the children and the puzzle which is autism—and awed by the commitment of these families to their children. "They were so dedicated, able to cope effectively and get on with their

lives in the face of enormous difficulties. I learned an awful lot about what 'family' means."

The parents asked that Whitman assign his psychology students to work in one-to-one intervention programs in their homes. The students responded and, eventually, credit was given for this in-home work practicum and formal autism courses were added to the curriculum. Students in these classes devote 50 hours or more each semester to their practicum, and often continue to volunteer in subsequent semesters. A student volunteer organization called Special Friends also emerged from one of those early courses.

Seeing the students' response over the past 10 years has amazed Whitman. "We went from helping four or five families to working with over 86 families. The students often developed deep and lasting relationships with these families, giving generously of their time, frequently finding out a lot about themselves in the process and what they wanted to do vocationally."



Thomas Whitman's exploration of children with autism led him to write a book. *Photo by Bryce Richter.*

Although trained as a clinical psychologist, with a doctorate from the University of Illinois, Whitman's career has focused on developmental psychology and problems affecting child development. In the 1970s, he and John Borkowski, McKenna Professor of Psychology, developed a graduate research training program, still used today, that addresses developmental disabilities. The following decade, Whitman and research collaborators found that continuous lighting in neonatal intensive care units stressed premature infants and impeded their development. The research, conducted at Memorial Hospital, led to the use of cyclical lighting there and influenced the development of lighting policies in other hospitals throughout the country.

As a consequence of his involvement in autism, Whitman has become increasingly aware of the needs of children and their families. He worked with a coalition of parents, students and

individuals from Memorial Hospital, St. Joseph Regional Medical Center, the South Bend Community School Corp., and Joint Services, (a special education arm of the Mishawaka and Penn-Harris-Madison school corporations) on a plan for a new autism center. This center, called the Regional Autism Center at Logan, began operating last October.

Whitman's work with the community also inspired his new book, "The Development of Autism: A Self-Regulatory Perspective," written for parents, professionals and students, and released last year by Jessica Kingsley Publishers. One of the themes of the book emphasizes the importance of local communities developing specialized services for children with autism and their families. Currently, he is involved in helping the local autism center develop intensive early intervention programs.

Whitman looks to a future in which the local community becomes increasingly creative in its development and delivery of educational and therapeutic services for children with autism. He is particularly hopeful about the future contributions of professionals—teachers, physicians, occupational and physical therapists, speech therapists and home health aides—who want to learn to better serve autistic children.

"The real goal is specialized services for autism," Whitman says. More cost-efficient early intervention programs and better local resources for diagnosis are on his wish list.

Perhaps our thinking about autism will change, too. Maybe as we understand the disorder better, "we will be more sensitive as to what children with autism are really like."

Maybe instead of us changing them, they will change us.

Married campus ministers enjoy a match made in heaven

By Catherine McCormick

When John Dillon gives a valentine to his wife, Sylvia, it's hard to surprise her, since she's at the next desk.

It is one of the little inconveniences of working together.

Sharing a career and a home, John and Sylvia Dillon are a package deal, and it's been that way for most of their 27 years of marriage.

"People always ask us how we can work together," Sylvia says, as if it might be a recipe for divorce. "We count on each other, and our styles complement each other." Most of all, they agree that it helps to have a shared vision of religious faith, and an understanding spouse in the same field.

They came to Notre Dame in 1994 as a team, hired by campus ministry to share the job of directing the marriage preparation program. They'd been co-directors of a parish religious education program in Hoosick Falls, N.Y., for 11 years before that.

"When we were hired, we were a bit of a novelty," John says. "I think they wondered how it would all work out. But they realized that a married couple would be a natural role model in marriage preparation."

Sylvia adds, "It wasn't long before we were seen as individuals with different skills and gifts, who work individually and together."

In the end, she says, "Notre Dame gets a better product because we couldn't do alone what we can do together. We discuss and critique things freely because we trust each other."

Gradually their shared job evolved into a full-time job for each. Today John is director of the religious education and catechist program. Sylvia is director of marriage preparation and enrichment. They share an office on the third floor of the Coleman-Morse Center.

In the meantime, the shared job allowed them to balance career and family, raising two sons. Ben, a 2002 Notre Dame graduate, attends medical school, and Luke, Notre Dame class of 2004, works with the Jesuit Volunteer Corps in Atlanta.

The Dillons met during a year of service with the Jesuit Volunteer Corps in Tacoma, Wash. Sylvia was from Vermont, John from Chicago. After getting their master's degrees in religious education, they married, and co-directed a religious education program in Pullman, Wash.

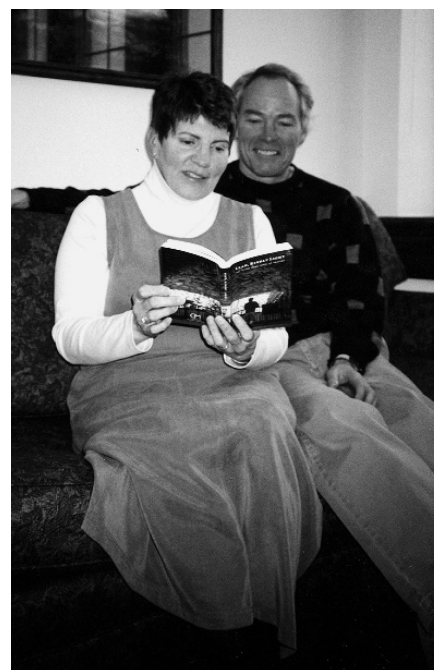
"We make decisions based on what is good for the health of the team," Sylvia says.

That's the sort of advice they give engaged couples.

With their colleague Darrell Paulsen, they help approximately 125 couples through marriage preparation each year. Most are Notre Dame graduates, a few years out of school, working or in graduate school.

Often they need help discussing the issues they'll deal with daily, once married.

"A partnership is not always 50-50," Sylvia says. "It's in flux. Maybe one



Sylvia and John Dillon look over a book of prayers they recently helped edit for campus ministries. *Photo by Catherine McCormick.*

will have to sacrifice, taking a job while the other finishes graduate school. That is OK as long as it's not always the same one sacrificing."

John says some couples are challenged by communication and conflict resolution differences (one shares feelings more easily than the other), family differences (an only child marries the youngest of eight), and personality idiosyncrasies.

The Dillons say that counseling the couples enriches their own marriage.

"It is a constant reminder of what works," Sylvia says.

The downside of working together is that work can invade home life, they say.

"You don't have the transition of coming home and sharing your day," John says. "You have to be careful not to work all the time. Sylvia often says, 'Did we have any fun today?'"

The Dillons hike, bike and garden together, but sometimes they go their separate ways. He plays golf, and she meets with her book club. At work, John is the better typist, Sylvia is the better proofreader.

"People always ask what happens if we argue," John says. "If it starts to get emotional, Sylvia suggests we take a walk."

Human Resources does not track the number of married couples working at Notre Dame, but says there are probably dozens. Few work in the same department, and fewer work in the same office.

Sometime this century, most books will be accessible online. The prospect is a thrilling but painstaking proposition for librarians, and one that promises to point the profession in interesting new directions.

Team to launch rare mathematics volumes online

Clavius Project has required several Gregorian calendar years

By Gail Hinchion Mancini

Thanks to Google's plans, announced in December, to digitize millions of books from academic libraries, you may someday be able to read or review *on your desktop* any book you might look at in the University Libraries.

But if Mathematics Librarian Parker Ladwig's recent adventures are an indication, he may dance at the weddings of all five of his young children before Google's monumental dream comes true.

Ladwig is considered the inquisitive mind and stalwart enthusiast behind a project to digitize the five-volume tome "Opera mathematica" by the 16th century mathematician and astronomer Christoph Clavius, best remembered for devising the Gregorian calendar. Ladwig began the quest in 2001. He hopes the volume (estimated at around 4,000 pages with multiple mathematical diagrams and drawings) will be available online this summer.

What has ensued since 2001 is a tale of the complexity of making centuries-old knowledge accessible in 21st century formats. It also is a story that explains exactly why we might want these items online.

Notre Dame has many rare books, but it does not own a copy of the "Opera." The closest is believed to be at the University of Chicago and viewing it is a white-glove experience in a carefully controlled environment. This book has been preserved in both microfiche—index-card-size transparencies on which multiple postage-stamp-size pages are stored—and on microfilm, media that tend to be unpopular and awkward to use. The reproduction of these volumes—which are written in Latin—tends to be poor.

One of Ladwig's partners on this project is Dennis Snow, a Notre Dame professor of mathematics who is a member of an international association of Catholic mathematicians that meets annually to enjoy professional exchanges and prayer. Clavius, a priest who preached the importance of mathematical education, is their inspiration and the group's namesake. It has frustrated members that access to Clavius's almost 500-year-old works is so labored. Inspired by this frustration, Ladwig launched the Clavius Project. "Our goal is to have this accessible on the Web for free."

The project has taken so long to launch partly because it is no one's full-time job and partly, as Ladwig says, because "you don't just go down to Best Buy and get software for this." The learning curve has been as intense as some of Clavius's explorations: Will black and white versions be crisp enough to view? How does one reproduce a volume whose drawings are as informative as its text? Reasonably, how large can the files be before they overwhelm a user's computer? Eric Morgan and Robert Fox, of the library's department of digital access and information architecture, and Liz Dube and Dorothy Paul, the library's preservation experts, contributed answers. The team also has addressed archiving issues: How will "Opera" remain available years from now, when everything we know about computers has changed multiple times?

Laying this groundwork prepares the University to digitize the rare materials of its own collections. While Google sweeps together a general collection, universities with exclusive rights to rare materials—our Dante and Irish collections, for example—face special challenges and opportunities.

"Each of us is going to be digitizing our unique materials," says Jennifer Younger, Edward H. Arnold Director of the University Libraries. "We've digitized some of our unique Civil War materials and some of our unique sports materials. We have a major grant to microfilm our Catholic theology collection."

Online access to rare materials presents a preservation solution, Morgan explains. "As long as ("Opera") is locked away in vaults, viewed by people wearing white gloves, it will never be seen."

The Clavius Project brings a significant and rare piece of knowledge to the public. "The sphere of knowledge will grow," says Morgan. "It's part of what we do as academic librarians."



Since 2001, Robert Fox, Dennis Snow, Parker Ladwig and Eric Morgan (shown from left), have toiled to launch an almost 500-year-old mathematics work on the Internet. They meet here in the mathematics library of Hayes Healy Center to discuss details still to be completed. **ND Works staff photo.**

Online axiom: Easier access = more use

By ND Works staff writer

Here's a curious proposition: The more library books become accessible online, the harder librarians expect to work and the more traffic to their doors they expect to see.

"Our print collections will be more in demand than ever before," says Jennifer Younger, Edward H. Arnold Director of University Libraries, on the heels of Google's recent announcement to support digitization of four major U.S. library collections.

Librarians have been putting digitized books online since 1971. According to Younger, Google's contribution will be "not pennies, but dollars from heaven" that will speed up and make more affordable a project dear to librarians' hearts.

Librarians, Younger says, are preservationists of our cultural heritage who exist to make knowledge accessible. Making information available to a user's desktop fulfills librarians' natural mission.

And in the brief time library material has been online, an axiom has taken root: "Accessibility only ratchets up use," Younger says. As readers and researchers have found it easier to find what they want, they simply have wanted more. Requests to Notre Dame archivists have increased an estimated three to four times since indexes of the holdings were placed online (see related story on the next page).

Also, books published within the last 80 years are still copyrighted. Their contents may be put online by those who own the rights, but not by librarians. With only indexes and summaries of those volumes available, users will choose to get the book.

"Truly, our print collections, for material still under copyright, will be more used," Younger says.

Librarian says future of the profession is an open book

By Catherine McCormick

Librarian Laura Bayard started her career in 1969 running a high school library in New Castle, Del., right after graduating from Shippensburg State College, Penn. Back then the card catalog was on cards, not a microchip.

What she did then could not be more different from what she does today as head of document access and database management for the University Libraries. Bayard makes sure the online catalog has the correct searchable headings, and that it reflects additions to the collections and transfers from one location to another. She also supervises the staff that handles U.S. government publications, which are also online.

Given the changes Bayard has seen in a librarian's role, the tasks of the next generation of librarians may be hard to foresee. But Bayard is doing her best to recruit into its ranks.

For the past three summers she's introduced high school seniors to the profession through summer work experiences. The framed photos of each group of summer workers displayed in her office are indications of how much she values the opportunity.

For the next three years, Bayard's project will be supported by a \$194,000 grant from the Institute of Museum and Library Services to recruit and educate librarians for the 21st century. The grant will help introduce a diverse group of

42 college-bound graduating seniors from local high schools to the profession of academic librarianship. A total of 14 will be employed as summer assistants this summer, with professional librarians as mentors. Students will work at the Hesburgh Library, the Notre Dame Law School Library, Holy Cross Library, the Indiana University South Bend Library and Valparaiso University Library. Bayard wrote the grant proposal and is program coordinator.

"None will be stamping books," Bayard says. "They will get behind-the-scenes experience in the library. They will organize projects, work with microfiche. It will not be boring."

Students of varied cultural and ethnic backgrounds will be drawn from public high schools in South Bend, Mishawaka and the Valparaiso area. They will be interviewed



Bayard

The idea of a summer internship program to recruit young members of minority groups grew from a library staff brainstorming session. It was fueled, on one hand, by the University's increasing support of diversity and, on the other, by the library profession's concern about attrition.

Indeed, the profession is faced with a serious shortage in the very near future. "Boomer librarians are retiring," she says. "By 2013, about 70 percent will be retired."

Bayard draws her observations about the profession from varied experiences. After earning a Master of Library Science from the University of Pittsburgh in 1974 she served as an academic librarian at Indiana University of Pennsylvania. She worked as a public librarian in the Palm Beach County, Fla., public library system, which had one of the first online catalogs, before coming to Notre Dame in 1989.

During the course of her career, the bookish matron stereotype that characterized the public's image of librarians has been pushed aside as lawyers, accountants, educators and researchers have found their niche in the library sciences. In the future, Bayard sees room for specialists in technology, business management and materials preservation.

beginning in March, often on the recommendations of school guidance counselors.

Bayard's recruiting efforts are connected to her work, since the 1990s, as an advocate for a diverse employee group and as the library's affirmative action officer. As U.S. demographics change, library staffs will need to reflect the people they serve. "By the year 2030, half the elementary students will be people of color," she says. Historically, librarians have been female, and about 86 percent of students in library schools have been white.



Their materials may be old, but their methods are cutting edge

By Dar Cutrona

Leave your food, drink and tobacco behind, as well as your pen. You can bring your computer, but not your Dictaphone. And don't ask for an exception. Visitors signing in at the University Archives enter into a quintessential academic setting—a quiet room with long tables and wooden chairs fitted between neat rows of files and boxes.

The strict rules are necessary, given the priceless contents. As a "controlled environment," none of the materials leave the room. Original items may be handled (with proper care), and requested copies of documents are made and stamped on the premises.

The Archives dates back to the very beginning of the University, but only became visible in the 1880s when it was housed and made accessible for use on the third floor of the Main Building. Today the department, with a staff of 10, has space on two floors of the library and an off-site records facility totaling 24,200 square feet. It exists to preserve and maintain the histories of Notre Dame and the Catholic Church in America, a collection which so far totals an estimated 60 million items.

These items are the accumulation of gifts; the Archives has no acquisitions budget, says Wendy Schlereth, director. Its extensive holdings include 18th century materials from the New Orleans diocese, the writings of Father Sorin, and collections of writings and works by Gen. William Sherman, Dr. Thomas Dooley and President Emeritus Rev. Theodore M. Hesburgh, C.S.C. Fragile textile items, such as the Irish Brigade Flag, are only displayed for short periods so that they may "rest and recuperate" from the damaging effects of exposure to ultraviolet rays.

What are the Archives' main attractions? "Anything connected to Notre Dame sports is big," says Charles Lamb, assistant director, who oversees a sports memorabilia collection rich with photos dating back a century.

The University's archiving practices use technology to make finding items easier. University Archives was the first in the nation to launch a Web site, in 1993, for browsing and locating specific items. Only about 1 percent of the holdings are available online, but a researcher can at least begin a search just by using the department's online descriptions of how holdings are organized. Schlereth has seen researcher expectations rise as the Archives has made finding its material easier.

The Web site draws plenty of traffic, according to archivist Kevin Cawley, who has seen the site visited at a rate of about 45,000 pages a day, including a Latin dictionary the staff administers.

Another convenience—e-mail—has affected Lamb's work dramatically. "The number of reference requests I now get has skyrocketed," he says. "It's three or four

times the number it had been." He sends replies by e-mail as well, and is convinced the medium has created more communication than would have happened in a paper- and telephone-driven world.

The archivists stand among their cohorts in other research repositories who experience some frustration with the technological world. On one hand, software allows the University to duplicate high-quality images of its rare materials to share in such displays as "Notre Dame: A Place in History," at the Northern Indiana Center for History.

But at the same time, providing high-quality images on the Web is as good as giving them away (the Archives charges a fee for its historical photos). Lamb has posted about 2,000 sports photos online, making their quality sharp enough to view, but not sharp enough to reproduce as prints.

Providing guidelines for managing all the records created across campus is an ongoing, if not daunting, task. As part of this responsibility, Schlereth seeks ways to archive electronic records—successive generations of Notre Dame Web page designs, for example—as efficiently as the paper ones. Solutions for the new archival challenges of the 21st century, she believes, will no longer be simply the work of archivists in one repository, like Notre Dame, but the collaborative efforts of information technology professionals and archivists at the major universities all across the globe. Critically important is finding a way to integrate these electronic resources with more traditional records—and paying for it.



At top, Sharon Sumpter, assistant archivist, checks on academic hoods that President Emeritus Rev. Theodore M. Hesburgh, C.S.C. has received along with about 150 honorary degrees from colleges and universities.

Below, Wendy Schlereth, archives director, consults with assistant director Charles Lamb about the Archives' Web-based features. **Photos by Dar Cutrona.**

Traditional work order form to be retired

Training planned for new online system

By Gail Hinchion Mancini

After more than a decade of taking phone calls about “emergency” maintenance problems, Pam Gordon and Joanne Roman have devised their own definition of an emergency.

“If someone calls about a broken pipe and you can hear water running in the background, over the phone, it’s an emergency,” says Gordon, who has heard so many curious repair challenges that she can’t name one that shocks or surprises her.

Adds Roman, of the variety: “Plugged sinks...Plugged urinals...Overflowing...Water leaking from windows....Water coming up from the floor.”

Plumbing problems are the most frequently reported concerns among the vast number of maintenance tasks known collectively as “work orders.” Gordon and Roman field some 6,500 phone calls a year—an average of 27 a day. While not all calls are emergencies, the two are kept on their toes distinguishing which property-threatening problems need immediate service.

As members of the central command for facilities maintenance, Gordon and Roman assign tasks to the University’s full-time plumbers, preventive maintenance workers, trade shops, general services and building-based maintenance staffs. In 2003-04 they opened some 45,100 work order cases,



Joanne Roman, foreground, and Pam Gordon will risk fewer papercuts as they manage some 45,000 work orders annually through a new online system. **ND Works photo**

ultimately handling 44,100 during the same fiscal period, according to Gene Giles, supervisor of data systems for facilities maintenance.

But the current method of requesting a repair or change is about to undergo monumental change, the first system revision in 13 years. The paper work order—a duplicable form

with five copies—will be discontinued by March in favor of an online process.

“We hope that the number of calls will decrease as people find it faster and easier to send requests to us online,” says Deb Murray, manager of maintenance and projects.

Facilities maintenance will continue to face a constant queue of 100 or so non-emergency requests. But instead of sitting in a pile on a table between Gordon and

Roman, they will be stored on the University’s servers.

In the near future, maintenance crews will access their orders through hand-held devices that connect to the University’s Nomad wireless system, which should mean less running back and forth between a job and the maintenance center.

And for those who submit work order requests? The change is likely to be most dramatic for them, according to Tracy Weber, a senior application developer who is coordinating the software change for the Office of Information and Technology (OIT).

Right now, anyone can fill out a work order form, although the department administrator must approve the request with a signature. Under the new system, departments will deputize work order specialists with authorized NetIDs.

Department work order designees will be trained in February, and Weber says that the training will be short and uncomplicated. Facilities Operations staff members are making contacts across campus this month to make sure everyone who needs it gets the access and training.

Besides taking requests online, the new system will automatically coordinate follow-up information that Gordon and Roman now do by hand. For example, it will record information about the materials used by a plumber in the same report about fixing a residence hall sink clogged with spaghetti.

Honest, says Gordon. That happens.

WHAT THEY WERE DOING



Brigid Kibbe, senior staff assistant for the Career Center, signs Matthew Mitchell into the Diversity Reception Jan. 26. **ND Works staff photo.**

Businesses reach out for diversified work force

As soon as students passed through the doors of the Career Center’s second annual Diversity Reception on Jan. 26, they entered a world often written about but rarely seen, where corporations use their money and jobs to support diversity goals.

Chatting with students like Trey Williams, Kim Cyze, a recruiter with PriceWaterhouseCoopers in Chicago, explains, “Diversity is incredibly important to us. Our clients are demanding we have a multicultural work force. It’s up to us to look like our clients and to meet their needs.” PWC forecasts aggressive hiring as they attempt to expand their work force by 11 percent.

At WPS Resources Corporation, a utilities holding company, diversifying the work force is such a high priority that improvements are tied to year-end bonuses, says Patrick Hermesen. The Green Bay, Wisc.-based firm has attended four Notre Dame career events in the last two seasons,

precisely because they believe so strongly in networking with students of all backgrounds.

Tracie Winbigler of General Electric’s NBC/Paramount division uses the networking forum of the Diversity Reception to launch a personal chat with potential recruits.

“Sometimes, the big conglomerates are hard to explain. This is a great way to access candidates quickly and easily and to explain what our company has to offer.” This includes jobs, benefits, and affinity groups—small support groups for African-American, Hispanic and female employees that help participants develop the skills to advance their GE careers.

Jonika Moore, Career Center assistant director, is the lead organizer of the reception. She personally contacts hundreds of students before the event in order to assure employer-sponsors that the variety of potential recruits is strong. Part of the Winter Job and Internship Fair, the reception actually serves as an incentive for employers to attend the two-day fair and interview event.

InsideND is open for business

ND Works staff writer

The work orders system isn’t the only business application that is moving onto the Internet. By next year, all of us will have a reason to do business online, whether it’s to consult our employee records, file student grades, assign a residence hall room or review our budgets.

There’s going to be one front door to this house of applications, and it’s called InsideND.

The Office of Information Technology is distributing colorful pamphlets to all Notre Dame employees inviting them to give InsideND a test drive at <http://inside.nd.edu>.

INSIDE ND
NOTRE DAME’S ONLINE COMMUNITY

Those who do not yet need to use this front door for business are still welcome to explore such features as “find and join a group,” a listserv-type feature that allows employees with similar tasks to communicate with one another, says Patricia Sperry, manager of interactive Web services. Members of the development department’s staff use the groups function to conduct business among offices throughout the country, business faculty use the function to communicate course information, and members of Weight Watchers use it to keep in touch.

InsideND allows a single sign-on to multiple applications. For example, a department manager who handles the budget, fills out work orders and orders supplies will have access to each of those programs without having to leave one and sign into another.

Furthermore, inside.nd.edu can always be accessed from anywhere that offers the Internet. Although checking the office budget from home may sound unappealing, signing on for Human Resources benefits from the family kitchen table may have its advantages.

Each user’s InsideND Web page also includes access to e-mail, the Oracle personal calendar system, Notre Dame headlines and campus announcements. Customizing the page with favorite informational links is also possible. An explanation of how that is done can be found at <http://inside.nd.edu>.

Couple's son cooks up tax assistance

By Gail Hinchion Mancini

With an accounting major in the family, Barbara and Steve Wiggins haven't had to worry about getting help with their taxes. "He saved me some money on my state taxes last year," Steve Wiggins says of his son, Zach, a senior majoring in accounting.

This year might be different. Zach, a graduate of St. Joseph's High School, is the student chairperson of the 34th annual Vivian Harrington Gray Tax Assistance Program. Student accountants fire up their calculators beginning Feb. 5 in 11 regional locations, helping individuals whose income is \$35,000 or less fill out their tax forms. Last year, says Ken Milani, professor of accountancy and longtime director of TAP, the students completed some 3,300 returns.

Zach will oversee a core committee that organizes supplies, external contacts and publicity. He'll also coordinate schedules for student accountants, and fill in when those students cannot make their assignments. His force includes a "SWAT" team that sweeps in to help out on busy days and makes visits to the homebound elderly. A special team also travels to Plymouth for three separate all-day sessions.

"I'll still do their taxes at home," says Zach of his father, who's known as the master omelet maker in the North Dining Hall, and his mother, a kitchen associate in the South Dining Hall who preps vegetables and occasionally cooks.

Zach says he entered Notre Dame knowing he was interested in business, but uncertain about whether to choose accounting or finance. The accounting classes won him over. "He likes money," jokes his mother.

Zach says he plans a second summer internship in the internal audit department of the Kroger Company in Cincinnati, Ohio. In keeping with new rules that essentially call for a fifth year of education before taking the Certified Public Accountant exam, he'll pursue a masters before sitting for the exam and heading into his career.

He's already determined to specialize in audits instead of taxes, an area that focuses on exactly the "tax season" work he is about to undertake. He promises that isn't because the local CPAs who volunteer with TAP seem to get increasingly exhausted and frazzled as April 15 approaches.

University employees may find the most convenient TAP center to be the Center for Social Concerns Seminar Room, operating from 2:30 to 5 p.m. Wednesdays. Others will operate in Reignbeaux Lounge of Le Mans Hall at Saint Mary's College from 3 to 5 p.m. Wednesdays, and Notre Dame Downtown from 5:30 to 8 p.m. Wednesdays.

Service is not planned during the students' spring break, March 4-13, or during the Easter break, March 24-28. Other dates and locations are:

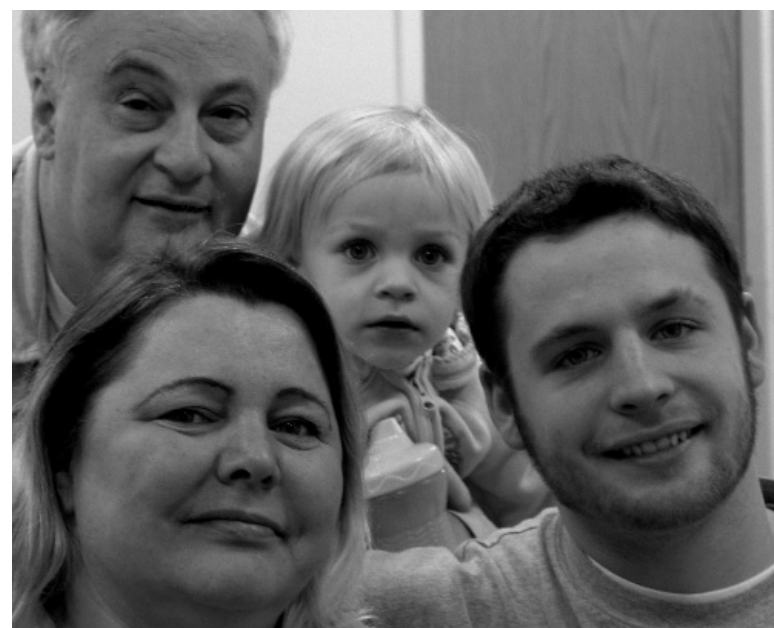
Mondays: Near Northwest Neighborhood Center, 3:30 to 6 p.m.; Northeast Neighborhood Center, 5:30 to 8 p.m.; Western Branch of the St. Joseph County Public Library, 5:30 to 8 p.m.

Tuesdays: River Park Branch of the St. Joseph County Public Library, 2:30 to 5 p.m.; Center Twp. Branch of the St. Joseph County Public Library, 5:30 to 8 p.m.

Thursdays: LaSalle Branch of the St. Joseph County Public Library, 5:30 to 8 p.m.

Saturdays: Downtown Branch of the St. Joseph County Public Library, 9:30 a.m. to 1 p.m.; Mishawaka County Public Library, 9:30 a.m. to 12:30 p.m. (No service on Feb. 5 or March 19.)

There are no centers open on Fridays or Sundays. Further information is available by calling TAP at 631-7863 or by visiting <http://www.nd.edu/~taptax>.



Senior Zach Wiggins steals a moment with his mother and father, food service employees Barbara and Steve Wiggins, and his niece, Ashlyn, before his free time is consumed by managing the Tax Assistance Program. **ND Works staff photo.**

FYI

Ash Wednesday, Lent services at Basilica

It seems early, but Lent is on our doorstep already. Ash Wednesday is Feb. 9.

Mass, with blessing and distribution of ashes, will be celebrated in Sacred Heart Basilica at 11:30 a.m. and 5:15 p.m. Celebrants will be Rev. Peter Rocca, C.S.C., at 11:30 a.m., and Rev. Kevin Rousseau, C.S.C. at 5:15 p.m. The Masses in the Crypt church will be at 6:45 a.m. and 12:10 p.m. Confessions will be at 11 a.m., 4:45 p.m. and 7 p.m. in the Basilica.

The Basilica Lenten schedule includes Stations of the Cross Fridays at 7:15 p.m. and Sunday Vespers at 7:15 p.m.

Art Institute chief to speak at Snite

The Snite Museum of Art will host a lecture by James Cuno, president and director of the Art Institute of Chicago, at 7 p.m. Thursday, Feb. 10, in the Annenberg Auditorium of the museum. Cuno will discuss "Why Art Museums are Essential, The Challenges and Opportunities of Directing an Art Museum."

Flu Mist available

Influenza season is at its peak in February. We all share common spaces; but we don't want to share germs. University Health Services continues to offer Flu Mist vaccinations, a flu-fighting option for individuals under the age of 50. There is a cost of \$20 for this vaccination.

Palais Royale to host Carnival 2005

The ebullient music and dance of Chicago Samba comes to the Palais Royale Ballroom in downtown South Bend at 8 p.m. Friday, Feb. 11, as the Kellogg Institute for International Studies again partners with a number of on- and off-campus organizations for its annual Carnival. All members of the community are welcome to attend free of charge. For the first time, a limited supply of t-shirts will be on sale for \$5.

Co-sponsors include WVPE-88.1 FM, the Office of International Study Programs, International Student Services and Activities, and the student club La Alianza. For more information, visit <http://kellogg.nd.edu/LAS/carnava1.html>.

Jazz up your life

The Notre Dame Bands and Jazz Band, directed by Ken Dye and Larry Dwyer, will give an afternoon performance at 3 p.m. Saturday, Feb. 19, in the Leighton Concert Hall of the Marie P. DeBartolo Center for the Performing Arts. The performance is free, but you must have a ticket. They are available at the center's box office, 631-2800.

Have fun, avoid stress, set priorities

Looking for ways to reduce stress? A new series of Work Life

classes called Laugh and Learn will delve into the art of relaxation and stress resistance with fun. Discussions will take place from noon to 1 p.m. in 234 Grace Hall and cover such topics as "Try to Relax and Enjoy the Crisis" on Feb. 16; "Survival of the Fittest" on March 2; and "Humor isn't for Everyone ... Just for Those Who Want to Enjoy Life, Have Fun and Feel Alive," on March 30.

If humor isn't your thing, an anti-stress class from 8:30 to 11:30 a.m. Tuesday, Feb. 15 will help you set priorities and feel less overwhelmed. There is no charge. Register for any of the classes at <http://iLearn.nd.edu> or by calling 631-5777.

Blood drive planned

Here's your chance to help someone, and in return you'll learn your blood pressure, total cholesterol and iron count. South Bend Medical Foundation will conduct a blood drive at the Rolfs Sports Recreation Center from 9 a.m. to 3:30 p.m. Wednesday and Thursday, Feb. 23 and 24. Call RecSports, 631-6100, to

sign up for a time. Giving blood takes about an hour.

Wednesday sessions explore multiple topics

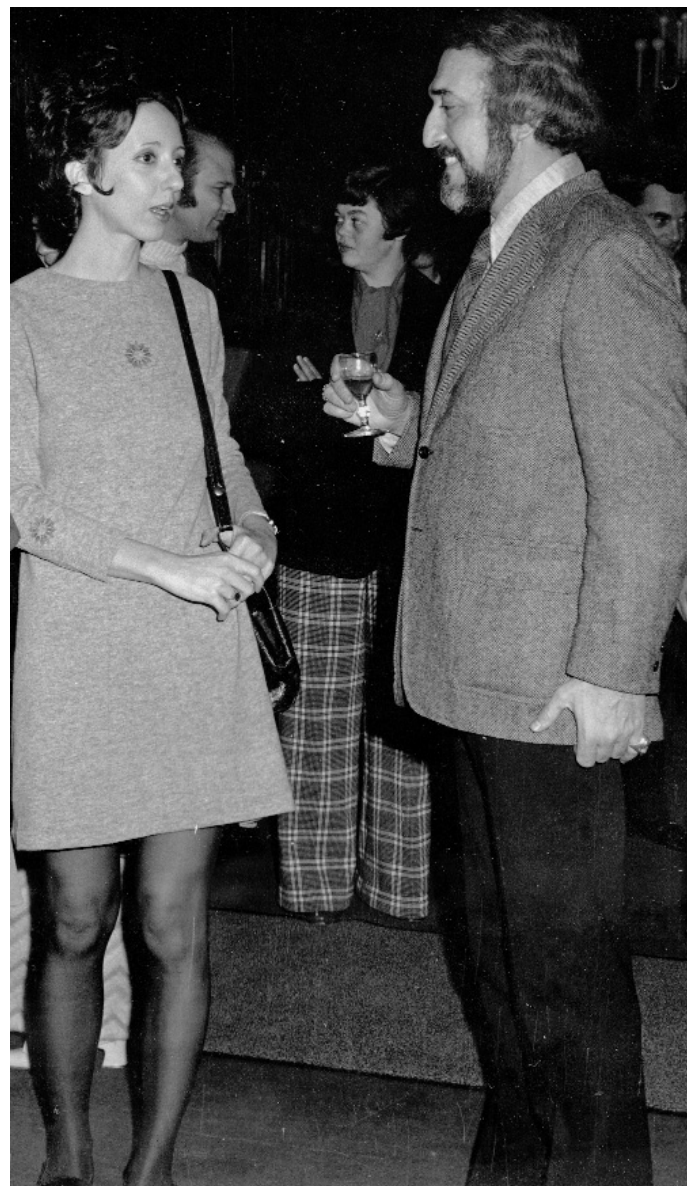
Character, creativity, ethics and team building will be explored in upcoming Wednesday classes for the Professional Development and Learning Certificate series.

"Character Is Destiny—Making a Habit of Doing the Right Thing," will be from 8:30 to 10:30 a.m. Feb. 16 in 234 Grace Hall. "Building Teams with Group Dynamics" will be Feb. 23 and "Helping Others Resolve Conflict" will take place March 2. Both will be from 8:30 to 11:30 a.m. in 234 Grace Hall.

"Workplace Ethics" will be discussed from 8 to 11 a.m. March 9 in 234 Grace Hall. Creativity and Breakthrough Thinking" will be from 8:30 to noon March 16 in 234 Grace Hall.

Sign up at <http://iLearn.nd.edu> or by calling 631-5777.

FROM THE ARCHIVES



English majors may find this shot strange. What could prolific author Joyce Carol Oates and playwright and novelist Bruce Jay Friedman have been talking about in 1974 while guests of the then-named Sophomore Literary Festival? The annual event, now called the Notre Dame Literary Festival, enters its 27th year Thursday, Feb. 10 through Thursday, Feb. 17. This year's headliners include Emma McLaughlin and Nicola Kraus, co-authors of the best-selling novel "The Nanny Diaries" and "Citizen Girl," children's book writer Mick Foley, songwriter Rob Gonzalez and our own Ralph McInerney, philosophy professor and mystery writer. **Photo provided by Charles Lamb, University Archives.**

BACK STORY



A bass player puts on his white tie before warming up his instrument.



Jacqueline Schmidt briefs student ushers before the crowds arrive.

Behind the scenes with the Philharmonic



The musicians file in to the Leighton Concert Hall.

By Gail Hinchion Mancini

The 111 musicians of the New York Philharmonic slipped into town only an hour before their 8 p.m. concert last Thursday like the proverbial fog on little cat feet. That they could glide seamlessly from bus to dressing rooms to stage is a tribute to a herd of pros who are maestros in their own right.

The Philharmonic is a union shop whose set up is undertaken by local members of the International Alliance of Theatrical Stage Employees, in this case Local 187. The heavy lifting that brought forth massive costume wardrobes fell to their crew, as did unloading and positioning instruments large and small. There is a first step to every finely choreographed effort, and in this case it involved laying hundreds of feet of plastic floor across the width of the Marie P. DeBartolo Center for the Performing Arts, so no damage would be done to the carpet between the loading dock and the Leighton Concert Hall stage.

When it comes to achieving brilliant sound in the Leighton Center, the buck normally stops with Sarah Prince, the center's director of technical services. But Thursday's performance drew the center's original acoustical designer, Ron McKay, who did the tweaking before enjoying the show with a colleague.

The musicians arrived too late for dinner, but Jacqueline Schmidt, the center's guest manager, laid out a generous assortment of beverages and snacks. Having been in charge of performer comfort for all the center's productions, Schmidt says her hospitality is inspired by the observation: "These people are incredibly tired. There is nothing glamorous about a traveling schedule."

Tom Barks, director of audience development, masterminded the lottery that judiciously distributed 961 tickets. Barks fielded more than 2,000 requests, about 1,200 that were from students. Students occupied most of the balcony; about half the faculty and community members who wanted tickets were accommodated.

Performance hall directors think well in advance. So on Thursday, a few hours before the concert, Barks and John Haynes, Leighton Director of Performing Arts, were already musing about audience enthusiasm and inviting other international symphony orchestras next year. *Photos by Patrick Ryan.*



Instruments are shipped from venue to venue in specially designed cases.



A solitary flutist warms up.