



# LIBRARIES

UNIVERSITY OF WISCONSIN-MADISON

## **Wisconsin alumnus. Volume 89, Number 1 Nov. 1987**

Madison, WI: Wisconsin Alumni Assoc., Nov. 1987

<https://digital.library.wisc.edu/1711.dl/QGZB5COYM65WR83>

This material may be protected by copyright law (e.g., Title 17, US Code).

For information on re-use, see

<http://digital.library.wisc.edu/1711.dl/Copyright>

The libraries provide public access to a wide range of material, including online exhibits, digitized collections, archival finding aids, our catalog, online articles, and a growing range of materials in many media.

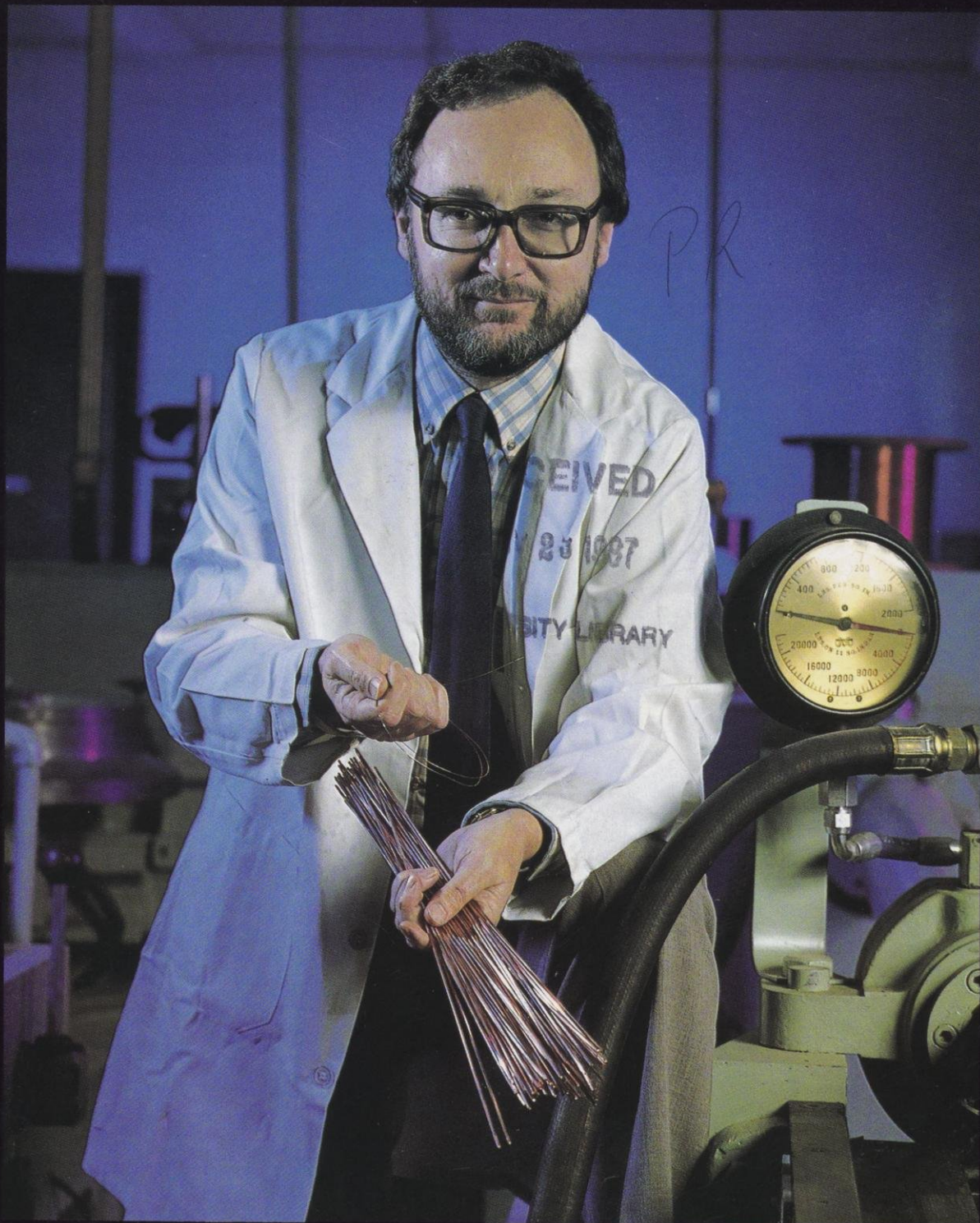
When possible, we provide rights information in catalog records, finding aids, and other metadata that accompanies collections or items. However, it is always the user's obligation to evaluate copyright and rights issues in light of their own use.

Memorial Library  
Serials Department  
CAMPUS MAIL

# WISCONSIN

## ALUMNUS

November/December 1987



Superconductors! • Minorities on Campus • UW Film School



Please print all information clearly. Fill in all spaces and double check all figures.



# WISCONSIN

## ALUMNUS

The magazine for alumni and friends  
of the UW-Madison

Volume 89 • Number 1 • November/December 1987

### Features

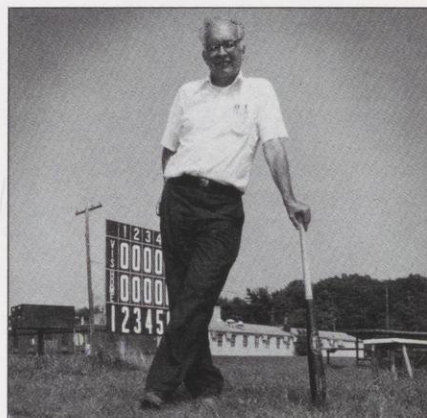
- PASS THE POPCORN** /by Jan Levine Thal 10  
The UW has one of the top four film programs in the country—  
and a massive film collection to go along with it.
- WHAT'S HAPPENED TO THE POSSIBLE DREAM?** 14  
by Thomas H. Murphy '49  
To ensure the representation of diverse talents and backgrounds  
on campus, we must look for ways to increase minority enrollment.
- THE HEAT IS ON** /by David Tenenbaum MA '87 18  
The fervor over superconductivity is fueled by the UW's  
remarkable research.

### Columns

- ON WISCONSIN** /by Arlie Mucks 4  
WAA club scholarship programs  
fulfill a never-ending need.
- THE NEWS** 6  
Research, robotics, and an alum  
at bat with the National League.
- MEMBER NEWS** 22  
Spark Plug and Loyalty awards,  
club programs, alumni news  
of note.
- DEATHS** 25  
A recent list of our members,  
faculty, and friends.

### Cover

Before science fiction concepts of levitating trains and fusion electricity become a reality, the fabrication of superconducting wire must first be perfected. One of the nation's premier leaders in this area is Professor David Larbalestier, whose discoveries are already used in over 90 percent of all high-magnetic field superconducting devices.  
JOE PASKUS PHOTO



6



14



650 N. Lake Street, Madison 53706. Telephone area code: 608. Individual staff phone numbers listed below. Staff ☐ **Executive Director:** Arlie M. Mucks, Jr. '43 (262-2551) **Associate Executive Director:** Gayle Williams Langer '59 (262-7545) **Director of Administration:** Carolyn Walker Libby (262-9521) **Director of Advertising, Membership & Promotion:** Ann Benda Geocariss '79 (262-9648) (Membership info: 262-9651) **Director of Accounting:** Mark Blakeslee (262-9786) **Director of Campus**

**Programs/Reunions:** Suzanne J. Miller (262-9647) **Director of Alumni Clubs/Student Relations:** Brian J. Wilk '79 (262-9630) ☐ **Editor:** Susan S. Pigorsch '80 (262-9639) **Chief Writer:** Thomas H. Murphy '49 ☐ **Editorial Advisory Committee:** Betty Erickson Vaughn MS '49; Donald K. Davies '52, Features Ed., Wisconsin State Journal; Prof. Phillip M. Hamilton, Art Department; Prof. James L. Hoyt '65, '67, '70, Chmn., School of Journalism and Mass Communications; Mark A. Larson '80, Waldbillig & Besteman Adv. Agency; Jonathan Pellegrin '67, Johnson Hill Press; ArthaJean Petrie Towell '53; Linda L. Weimer MS '72, Coordinator, UW News Service. ☐ **WISCONSIN ALUMNI ASSOCIATION OFFICERS, 1987-88:** Chmn.: Andrew G. Wojdula '65, Chicago; **President:** ArthaJean Petrie Towell '53, Madison; **1st Vice President:** Charles P. La Bahn '49, Milwaukee; **2nd Vice President:** J. Charles Phillips '65, Reedsburg; **3rd Vice President:** Orville W. Ehrhardt '54, Fond du Lac; **Treasurer:** Stephen H. Sills '66, Chicago; **Assistant Treasurer:** Thomas J. Prosser '58, Neenah; **Secretary:** Ted D. Kellner '69, Milwaukee; **Assistant Secretary:** Charles E. Clafin '53, Rockford.



WAA invites you to join us  
for the



# BADGERS IN MIAMI HOLIDAY

September 22-25, 1988

Next fall, follow the Badgers to Miami Beach and the Orange Bowl. Our trip includes:

- Round trip air from Madison, departing Thursday, September 22, 1988, returning on Sunday the 25th.
- Deluxe accommodations at the elegant Sheraton Bal Harbour Oceanfront Beach Resort.
- Cocktail party and pre-game buffet. Reserved ticket for the Wisconsin / Miami football game the night of September 24.
- All transfers and hotel service desk.
- Only \$537.50 per person / quad occupancy  
\$550.00 per person / triple occupancy  
\$575.00 per person / double occupancy
- Optional one-day cruise to Freeport, Bahamas—three meals included: \$99.00

Accommodations are limited. Send for your brochure today!

## WAA Travel

650 North Lake Street  
Madison, WI 53706

Please send brochure for Badgers in Miami Holiday.

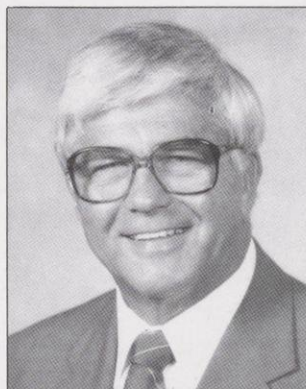
Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_ Zip \_\_\_\_\_

## On Wisconsin



### e pluribus unum

BY ARLIE M. MUCKS, JR. '43  
Executive Director

From many, one. The strength of our nation is there in those three Latin words. But the phrase applies not only to our great land; it also describes the makeup of a university, with its schools and colleges, its departments and services to society. When each of these parts is of the highest quality, then—and only then—do they result in an outstanding teaching institution. As we all know, this elementary fact is one of the many reasons you and I can be so proud of this, our alma mater.

By all recognized standards, the UW-Madison is one of the truly important universities in the world. It was intended to be so by our founders, in their agreement that "the great University of Wisconsin should ever encourage that continual and fearless sifting and winnowing by which the truth can be found," as the Board of Regents, in 1894, reminded those who wished to limit that freedom. And the challenge laid down by our founders has been met over the years with a success that few teaching institutions anywhere have equalled.

But greatness cannot function in a vacuum. Without a diverse body of able and deserving students, there is no reason for a university to exist, of course. Nor are those students merely receptors for the teaching abilities of any faculty. They are reflectors, if you will. Their intellectual curiosity, their probing, their divergent views are the stimulus on which effective teachers thrive.

That summary leads me back to *e pluribus unum*. I want to applaud you, our members, the "many" whose support

over the years has made your Alumni Association "one," and so strong. Specifically, I want to praise the work you do as members of your local alumni clubs in your tireless efforts to aid deserving young people in coming here.

Since 1967, when the Club Scholarship Program began in cooperation with the UW Foundation, those clubs that award scholarships have sent 2,359 fine young people to UW-Madison! The dollar value of those scholarships, when matched by the foundation, is an astounding \$1,357,670. (I'd be remiss if I failed to point out that, since 1968, concerts by our justifiably famed Wisconsin Singers have been one of the most successful methods, by our clubs, to raise scholarship monies.)

Our New York City club has traditionally offered scholarships to young people of the three "targeted minority" groups only. Certainly *all* our club scholarships are awarded to people of all races on the basis of scholastic ability and need. Still, in light of the sad imbalance of the three minorities here—as reported in our feature on page 14—your club might want to consider a way to add to your present program or otherwise offer some special measure of help to deserving minority students from your area.

And how can we all help as individuals? Financial assistance to such as the Chancellor's Scholarship Fund would be a major blessing if it is possible. If it isn't, the University's Office of Admissions can use your help in the identification and recruitment of minority students. It won't take much of your time.

Contact Al Crist, the assistant director of admissions, at (608) 262-3237, or write him at 905 University Avenue, Madison 53715.

## WAA WISCONSIN ALUMNI ASSOCIATION

Publisher Arlie M. Mucks, Jr. '43  
(262-2551)

Assoc. Publisher Gayle Langer '59  
(262-7545)

Editor Susan S. Pigorsch '80  
(262-9639)

Chief Writer Thomas H. Murphy '49  
(262-5895)

Ad Director Ann Geocariss '79  
(262-9648)

© 1987 Wisconsin Alumni Assoc.



# LA BELLE PROVENCE



AVIGNON, France — Palace of the Popes

*Sponsored by*

**The Wisconsin Alumni Association**

May 19 – May 30, 1988

## **Scheduled Jet Service**

- Fly by wide-body jet to BARCELONA, SPAIN, and return from NICE, FRANCE

## **First, exciting BARCELONA**

- THREE NIGHTS at the superb, five-star HOTEL RITZ
- Full AMERICAN breakfast each morning
- Sightseeing excursion of the HIGHLIGHTS of Barcelona
- Special "Bienvenidos" WISCONSIN PARTY at the Ritz

## **Then, your PROVENCE CRUISE**

- Private motorcoach transportation from Barcelona along the magnificent and scenic COSTA BRAVA of Spain to medieval AVIGNON, FRANCE. Enjoy a delicious LUNCHEON en route as you overlook the blue Mediterranean!
- FIVE-DAY, FOUR-NIGHT GOURMET CRUISE on the historic and picturesque southern Rhone River, from AVIGNON to old MARTIGUES, just north of MARSEILLES.
- Relax while you cruise aboard the new French ship *M.S. ARLENE*. Leisurely visit the quaint towns and villages of old: AVIGNON, ARLES, LES BAUX, AIX-EN-PROVENCE, MARTIGUES — along with cruising through France's nature wonderland, the unique CAMARGUE, with its flamingoes, wild horses and unharnessed natural surroundings.

- All cabins are outside, tastefully decorated, with individually controlled air conditioning, color TV, evening movies in your cabin and private tiled facilities. An all-French staff caters to your every need.
- Gala "Bon Voyage" BADGER PARTY and DINNER aboard ship.
- Friendly, attentive French service. The ship's French chef has established an enviable reputation among past alumni travelers for delectable continental cuisine!
- ALL MEALS included aboard ship.
- Complimentary FRENCH WINES included with ALL your lunches and dinners aboard ship!
- Festive "Au Revoir" PARTY and DINNER on your last evening aboard.

## **Finally, glamorous MONTE CARLO**

- Scenic motorcoach ride along the blue Mediterranean to the principality of MONACO and exciting MONTE CARLO.
- THREE NIGHTS at the deluxe LOEWS MONTE-CARLO HOTEL, in the heart of the fabled Riviera.
- Full AMERICAN breakfast each day.
- Sightseeing excursion of the HIGHLIGHTS of Monte Carlo.
- Special FAREWELL PARTY at the hotel.

Special  
Badger Price\*

**\$2995**

\*Per person from CHICAGO, based on two per room occupancy

(Price is current at time of printing but subject to change)

**Send for the colorful brochure which fully describes this trip:**

Send to: **Wisconsin Alumni Association**  
**650 North Lake Street**  
**Madison, WI 53706**

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

☐ Please add my name to your tour announcement mailing list.



# The News

## Good News in Enrollment, Housing

Enrollment is down this fall, as planned, and minority enrollment is up slightly, as was hoped, says the Registrar's Office. With undergrads numbering just under 30,000, the total figure is 43,368, down 2.7 percent from a year ago, and well under the regents' target of 43,800. Planned cutbacks, chiefly in the form of limitations on transfers and a ceiling on freshman numbers, began last fall. They were deemed necessary after enrollment increased 21 percent and state funding (adjusted) decreased by 14 percent over a ten-year period. The goal is to reduce undergraduate enrollment to 29,000 over five years.

The freshman class totals 5,181, down 3.8 percent. But new freshmen in the targeted minority groups—blacks, Hispanics and American Indians (see page 14), rose from 121 last fall to 185. New freshmen among Asian-Americans, classified as a minority group but not as a targeted minority here, also increased from 145 to 172. Officials called the figures good news all around.

One benefit comes in the area of student housing. More than 2,800 out-of-state students were offered contracts for residence hall living this fall, almost a 300-percent increase over last year. State law requires that preference go to residents, so that for many years, out-of-staters have had to look off campus.

Spaces should continue to be more available for the 1988-89 year, but Alice Gustafson of University Housing suggests students waste no time in applying. Applications have been accepted since October 1. State residents have until March 1 to apply, except for

those transferring into business, engineering and some health-related fields, whose cutoff date is February 1. Out-of-state students should be equally prompt, Gustafson said, to receive consideration as soon as openings occur. All prospective students may apply for residence hall space whether or not they have been accepted by the University. Most guidance counselors in state high schools have dorm application forms, and they are available from the Office of Undergraduate Admissions, 140 Peterson Building, 750 University Avenue, Madison, WI 53706.

## New Dean of Students

Mary K. Rouse, forty-two, an assistant dean of students since 1973, is the new dean following the retirement of Paul Ginsberg. She was selected from among five finalists for the post. Acting Chancellor Bernard C. Cohen, in making the announcement in August, called Rouse "able, knowledgeable, bright and articulate."

Among her priorities, Rouse said, will be fostering an understanding of the cultural diversity of the student

MICHAEL KIENITZ/UW NEWS SERVICE

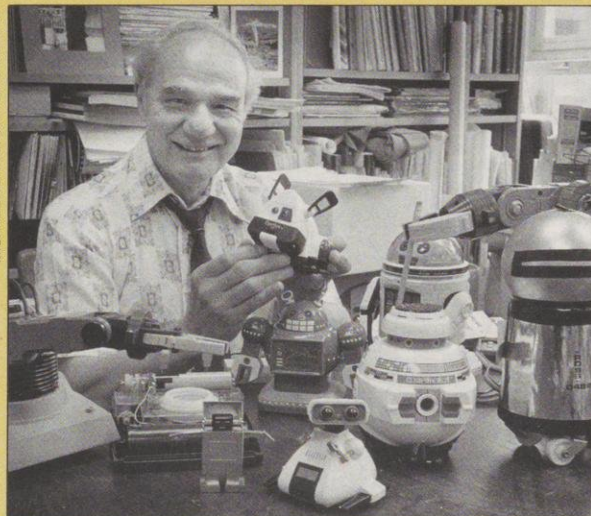


## "You May Bring Tea, Lothar"

Over in the Social Science building, anthropologist Robert J. Miller has a room full of robots for research that must be a lot of fun. He is studying the ways they've been portrayed in their relatively brief history, and how the present version—chiefly children's toys—will shape the future.

For too long the robot has been seen as either a Frankenstein monster or as a symbol of cold world automation. Miller, who is the originator of a two-year-old course called, "Robotics: the Human Dimension," believes that tomorrow's adults may be more willing to allow electronic companions to take on an important role in society. Robots could soon be as commonplace in the home as computers are today, and used as mobile burglar alarms, babysitters, or housekeepers.

MICHAEL KIENITZ/UW NEWS SERVICE



body, both minority and majority. "Retention is a long-term interest of mine," she said. "I've seen students who have gotten off to very rocky starts go on to graduate from here, and I hope we can improve that in the years ahead. We're getting better at it all the time." She adds that she'd like to make it a little easier to be a new student in this big, impersonal campus. "They talk about the fun of the 'freshman experience,' but that can be pretty traumatic, too. I'd like to put some time and energy into making the transition as painless as possible." She would like to pursue the idea of using high tech to improve student services, she said. "The Campus Assistance Center, for example, is a tremendous source of information on many subjects of student life. I'd like to see all their helpful lists and tips put on a data base accessible to students in their dorm rooms or in a library. It's not a major goal, but it's the kind of added service we might offer to make everyone's life a little less complicated."

News items edited from the UW News Service and campus sources.



## Study Seeks End to Wind-Shear Plane Crashes

Wind shear can cause a plane to crash; microbursts cause wind shear. One of our meteorologists, Assistant Professor John Anderson, is studying a way to predict these microbursts early enough to warn pilots in low-flying planes. His is the only such study in the nation. It utilizes a computer and Doppler radar.

As scientists explain it, a microburst is a strong, very rapid downdraft of cool air created when precipitation evaporates in a storm cloud. At low levels it hits the ground and "splashes" in the form of a strong updraft, says Anderson. Planes flying through on takeoff or landing can be tossed as the updraft raises the nose, then shears direction and lifts the tail, pitching the craft forward. At least fourteen such crashes have taken more than 600 lives on commercial flights since 1973, according to the National Transportation Safety Board.

Last year Anderson developed the computer capacity to model microbursts, and with more traditional forms of radar, has had some success in prediction. But the procedure takes about a half-hour. Since microbursts can come and go in as little as ten minutes, "We want to be able to tell, within two minutes of a reading, what is going to happen for the next thirty minutes," Anderson says.

Not all microbursts are necessarily cause for alarm, Anderson told the Associated Press in an interview. "Most can be flown through by most planes," he said. Doppler radar is the best method yet to determine which are more severe. Anderson believes that about two years from now, meteor-

ologists will be able to use the program accurately to warn aircraft of the approach of the phenomenon to a target airport.

An offshoot of the project can be a better means of predicting more quickly the approach of other severe weather and the tracking of tornados.

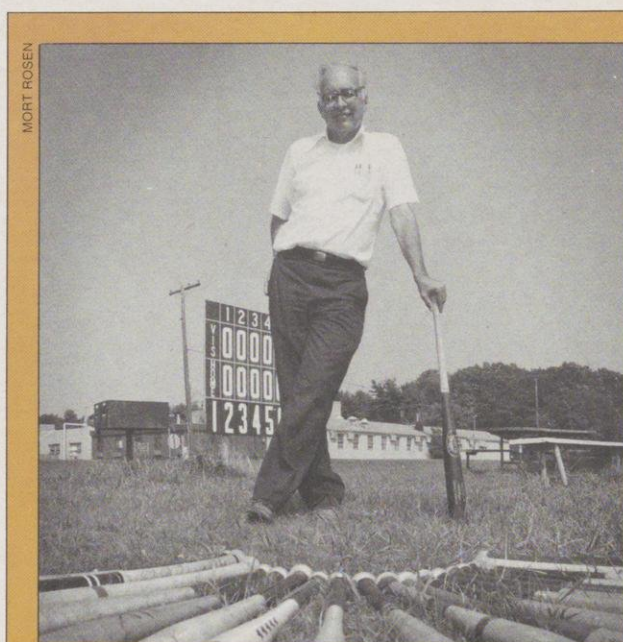
## Calves Are Cloned Here

A successful cloning process by our ag faculty could one day result in greater control of cattle quality. A team headed by Professor Neal First of the College of Agricultural and Life Sciences has two calves born a month apart last spring, the first anywhere to be produced by cloning.

What the research team did is technically referred to as nucleus transfer. When an embryo has reached the sixteen-cell stage, the nuclei of all sixteen are removed and transferred to single-cell fertilized eggs which have had their nuclei removed. These are then surgically implanted in a sheep to incubate for several days, removed and then surgically implanted in the host cow. Since it carries the genes of the bull and the cow, the clone is not a carbon copy of either.

The process isn't something the average farmer will be doing in the foreseeable future—it's still expensive and unpredictable. But expectations are that eventually commercial breeders will be able to clone several embryos, freeze some and implant others to control the reproduction process. When the quality of the living animals is determined, similar calves can then be produced from selected frozen embryos.

The project was a joint one between the UW and American Breeders Service, DeForest, Wisconsin.



## He's The Diamond's Best Friend

When alumnus Robert G. Adair '47, '48, '51 is not busy as associate director of the high energy and physics department of Brookhaven National Labs in Upton, Long Island, he's chairing the physics department of the National Academy of Science. So how does it follow that he is branching into baseball? Well, it's all quite logical. Adair was asked by National League president Bart Giamatti to bring the unbending laws of science to the frequently gaga beliefs of the game. He's the first (and unsalaried) "Physicist to the National League." Adair's first assignment: to test the corked bat and learn whether it really could convert a blooper into a wallbanger.

Corking is no fair, of course, so none of the boys of summer would even consider it, but here's what they'd do if they ever did. They'd drill a hole about one-inch by six-inches in the hitting end of the bat. This is stuffed with cork, and a new piece of wood is put over the opening. To fool any ump who is not as blind as the losing manager says he is, the new wood is often aged by rubbing it with tobacco juice. (There is a ready supply of tobacco juice in organized baseball, a fact TV camera folk find mesmerizing.)

But crime doesn't really pay, Adair's experiments prove. For the labs' publication, *Brookhaven Bulletin*, writer Ric Lewit quoted him: "In the area of contact with a ball, the wood of a bat crushes about  $\frac{1}{32}$  of an inch. But the center of the bat is not involved in the hit, because the core—whether of wood or cork—does not 'feel' it. You could choke up or use a slightly lighter bat and really get about the same effect."

Adair's report went to Giamatti in late summer. Then the physicist turned his scientific scrutiny to the aluminum bat and the "lively" baseball, to find out if, and how much, they've actually changed the old game.



# The News

## UW Research Center on Lou Gehrig's Disease

A research center at UW Hospitals is one of four in the U.S. to undertake new studies on amyotrophic lateral sclerosis or Lou Gehrig's Disease. Under Benjamin Rix Brooks, a team from here and other medical centers will seek reasons why the disease, which is not contagious, often occurs among people who live or work in the same area.

Sun Prairie, Wisconsin, is one such location. Of its 14,000 population, three people have died of the ailment in three years and six more have contracted it.

The other three university centers for major study of the disease are Baylor in Houston; Tufts in Boston; and USC in Los Angeles.

The UW Hospitals center, with more than 900 ALS patients registered from around the Midwest, will be the administrative headquarters for the region. One

of the drugs being tested is cyclosporine, an anti-rejection substance used frequently in organ transplants, in an attempt to retard the progression of ALS in males.

## New Athletic Fundraiser

Richard N. Boya is the UW Foundation's new director of development for the athletic department. The Appleton native will be responsible for the implementation of all phases of athletic fund-raising, including the forthcoming Dave McClain Indoor Practice Building; for increasing endowment funds for scholarships; for coordinating the annual fund drive; and for working with athletic booster groups in their fund-raising projects.

Boya graduated from Appleton High School in 1945 and from Lawrence University in 1952. More recently he has been director of special gifts and bequests for St. Thomas College, St. Paul.

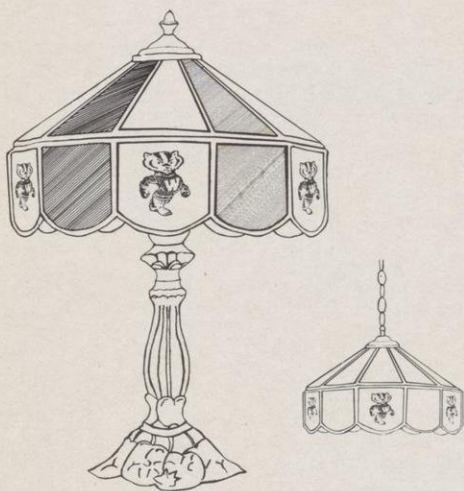
## Ghost Writer

Political science professor Kenneth J. Meier was justifiably proud when the journal *Policy Studies Review* published a recent article. So imagine his surprise when the index listed Robert M. La Follette as co-author. Meier quickly routed a note to his department, which frowns on its members writing in teams either here or hereafter, explaining that La Follette, dead since 1925, "made only minor changes" in the manuscript. The *Review* was apparently confused because Meier is on the faculty of our Robert M. La Follette Institute of Public Affairs.

RICHARD HANSON / UW NEWS SERVICE



Up-and-coming comedian Emo Philips (in Wisconsin "farm" attire) and a Rolling Stone photographer made cows into co-stars and Bascom Hill into a fashion runway for the magazine's September College Issue.



**WISCONSIN TIFFANY CLASSICS**

Nostalgia is in style! Light up a **University of Wisconsin Lamp** and bring back fond memories and friends. New, **tiffany-Cassie stained glass lamps in red and white with Bucky Badger** emblazoned on every other panel. The lamps are all handmade; the glass panels are handcut and soldered together to fit precisely. Two styles to choose from: both 14 inch diameter, fully assembled: Table lamp - heavy antique brass base, 21 inches high, \$79.95\* Swag Lamp 15 feet of brass chain, cord, and installation hooks, no wiring, \$69.95\*

**Limited Edition**, direct from manufacturer, money-back guarantee, so Order Today! To charge call toll-free, **1-800-255-3538**, (in Illinois, 312-832-0960), or send check or money order to Wisconsin Lamp, **Old Town Glass Works, 15 W 103 Concord, Dept. W-10, Elmhurst, IL 60126.**

### WISCONSIN LAMP

Old Town Glass Works  
15 W 103 Concord, Dept. W-10  
Elmhurst, IL 60126

Name \_\_\_\_\_  
Address \_\_\_\_\_  
City/St/Zip \_\_\_\_\_  
Phone \_\_\_\_\_  
Visa \_\_\_\_\_ MC \_\_\_\_\_ Exp. \_\_\_\_\_  
Account # \_\_\_\_\_

Please rush me:

Table Lamps @ \$79.95 \$ \_\_\_\_\_

Swag lamps @ \$69.95 \$ \_\_\_\_\_

\*UPS Shipping and Handling @ 7.95/lamp \$ \_\_\_\_\_

Illinois residents please add 7% tax \$ \_\_\_\_\_ Grand Total \$ \_\_\_\_\_

**Inquire about NFL and other colleges MADE IN USA**





# Alumni Awards

*We invite your nominations. Please use this form and return it by January 15.*

## The Distinguished Alumni Awards

These will honor four people. The criteria:

- Nominees must be alumni of the UW-Madison.
- Each must have demonstrated service to the UW through its alumni organizations, its academic divisions or its committees.
- Each must have achieved prominence in his or her field.
- Each must be available to attend the Alumni Awards dinner on May 6, 1988.
- Preference will be given to those who are, in addition to the above, members of WAA and/or contributors to the UW Foundation.

## The Wisconsin Loyalty Award

Recognizing sustained volunteer service and loyalty to the UW-Madison. This award is presented to one individual annually at the fall Club Leadership Conference. The criteria:

- Nominees must be alumni of the UW-Madison.
- Each must have participated, for a decade or more, in alumni relations programs.

- Each must have demonstrated leadership service in WAA and/or the UW Foundation.
- Each must be a member of the Wisconsin Alumni Association.

## The Alumni Club Sparkplug Award

Honoring up to six individuals for their outstanding service to the UW-Madison through WAA's alumni clubs. This award is presented at the fall Club Leadership Conference. The criteria:

- Nominees must have demonstrated their leadership in a certified alumni club.
- Each must have achieved effective club programming which has resulted in increased involvement and/or new or improved activities.
- Each must be a member of WAA.

Your letter of nomination, supporting documentation, a biographical sketch, curriculum vitae, or resumé (typewritten and single-spaced on **not more than two 8 1/2 by 11 pages**), must be attached. The committee's decisions will be guided by the materials submitted by the nominator within the prescribed guidelines.

I nominate \_\_\_\_\_ Class of \_\_\_\_\_  
for the 1988 \_\_\_\_\_ Award because:

Nominee's name \_\_\_\_\_  
(Please print)

Nominee's address \_\_\_\_\_  
(Please print) Street City State Zip

Nominee's telephone number \_\_\_\_\_  
Area Code

Nominated by \_\_\_\_\_  
(Please print)

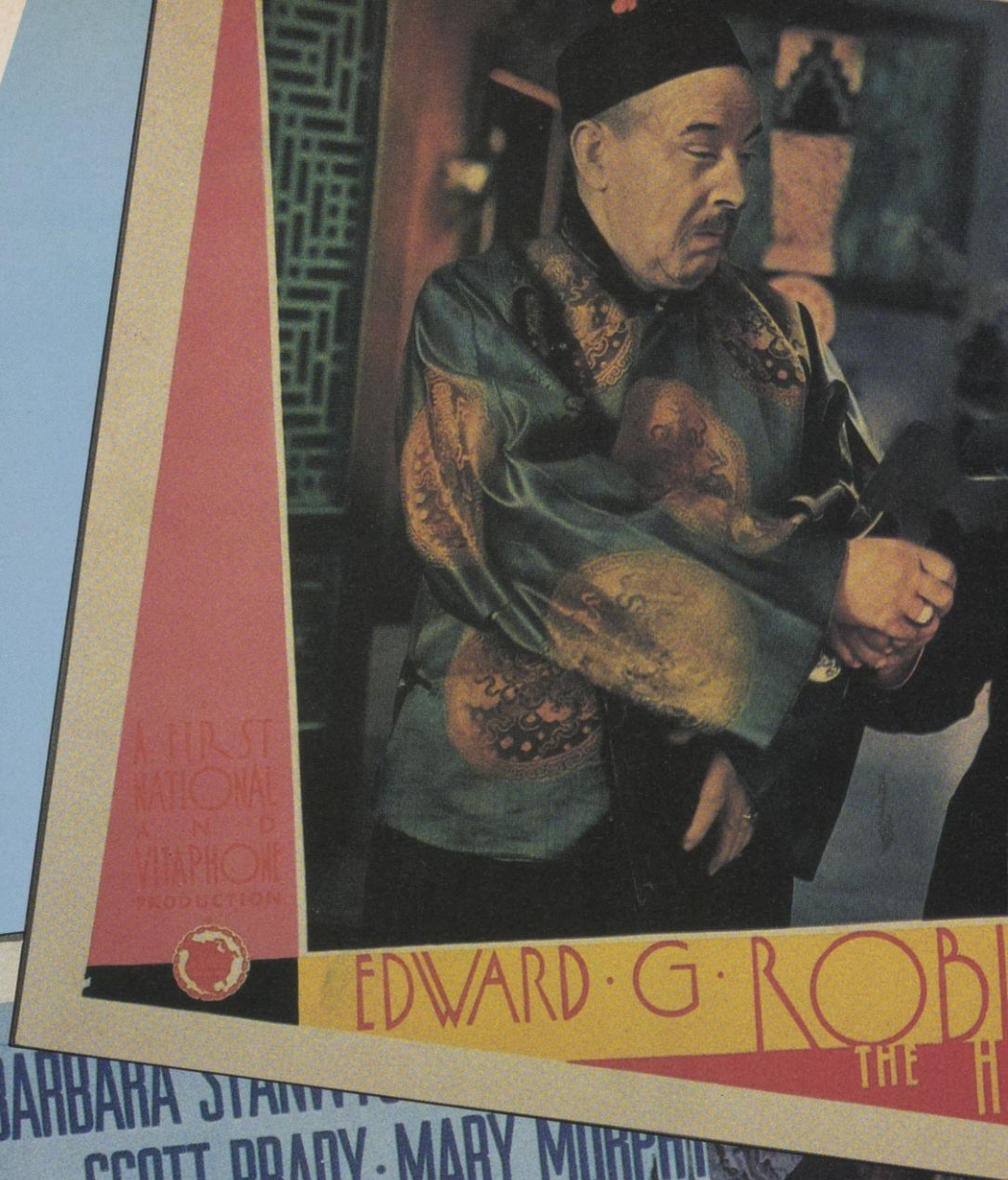
Address \_\_\_\_\_  
(Please print) Street City State Zip Code

Mail to WAA Recognition and Awards Committee, 650 N. Lake Street, Madison 53706 no later than January 15, 1988.



Scholars analyze films that reflect societal values and culture. In this 1932 thriller, *The Hatchet Man*, Edward G. Robinson attempts to Americanize himself and break away from Chinatown's notorious tongs.

The UW's massive film collection consists of nearly two million photos and fourteen thousand films. Lobby cards promoted stars like Barbara Stanwyck, who plays an outlaw willing to go straight for a lawman in the 1956 western, *The Maverick Queen*.







# PASS THE POPCORN

If the UW film program is any indication, American's love affair with the movies is alive and well.

by Jan Levine Thal

There's something rather artless about going to the movies nowadays—in all likelihood, moviegoers find themselves sliding into comfortable but unremarkable reclining seats that are welded to a bank of their clones, wedged between nondescript walls and several other personality-free halls inside a sprawling shopping mall. These theatres are inevitably grouped like the oddly proportioned limbs of a futuristic octopus and joined at the head by a concessions counter. The profit, after all, is in the popcorn.

The best one can hope for is to clutch the cardboard box, imitation butter and all, and be swept away by the magic on the screen. Why ever would anyone want to consciously study this stuff?

Communication Arts Professor David Bordwell suggests a number of reasons. Fundamentally, "No experience explains itself. You can sit there and eat the popcorn, but just by having the experience, you don't know how it happened or how it's affecting you. You don't know that unless you reflect on it."

Bordwell and his colleagues in the UW film program, a subdivision of Communication Arts, are well known for their success in helping students "reflect." Bordwell, forty, has an intense and personal approach to his subject, one that both enthralls and intimidates his students. Delivering rapid-fire sentences that suggest he thinks in completed (and correctly punctuated) paragraphs, he approaches concepts with an infectious energy that leaves a lasting impact on jammed classrooms.

Although Bordwell's national reputation as a scholar, and that of his colleagues, may be less important to his students than his likeable manner, they both contribute to the judgment that the UW's film program is one of the top four film schools in the country. The "charmed circle" also includes the University of California at Los Angeles, the University of Iowa, and New York University, with the University of Southern California as a close fifth. These are among the oldest film programs in the country, all of which began in the early 1970s.

"Film study started from film lovers, people who were popcorn chewers," says Bordwell. "Film is not like a literary text. In the conditions under which you normally see it, there's no way for you to just stop it, look at it closely and think about it. If you're reading a novel that people consider of artistic import, say by George Eliot or Dostoevsky, you can stop and say, 'This is interesting, I want to think about this.' Or, 'This goes back to something I saw before, let me page back to this and compare.' You can't do that. Film just rolls right along. There is a quality about film that makes, not exactly for passivity in the viewer, I think, but for a kind of taking what you're given. . . . It becomes important for



film analysis to look at it frame by frame, shot by shot, to see how the meanings are produced."

The first film critics and theorists, who Bordwell identifies as appearing around the beginning of World War I, were intellectuals in other spheres and fields who were attracted to cinema as an art form. "Maybe it was rationalizing their guilty pleasures, but they did find something there that they thought was artistic." Thus, in the late teens and early twenties, scholars in Germany, France, the U.S., and England began to explore the artistic potential of this flickering mass entertainment.

**A**nother impetus for film study came from those who recognized its cultural impact. In the 1920s and '30s, millions of Americans automatically included movie attendance in their weekly routines. Film not only reflected attitudes and mores but, social scientists observed, could shape them as well.

As early as the '30s scholars began to examine issues that seem surprisingly contemporary, such as the appropriateness of censorship and the influence of cinema on children. The '40s produced social scientists who focused on the role of ideology and, especially during the war, became concerned with how mass media affect public perceptions of national and international issues. Such scholars gravitated toward film analysis, Bordwell says.

A much more recent aspect of film study

is more abstract in nature—film semiotics. Scholars in this area have found, says Bordwell, "that in some way film is like a language, like a symbol system. Their approach 'is essentially a cross-disciplinary kind of theorizing about how meanings are produced in a society, in a culture, and then reproduced.'"

Certainly, film studies in the United States are not devoid of controversy. For example, there is not consensus on the correct proportion of film production a film school should offer, as compared to film studies. Of the "charmed circle," only the UW and Iowa emphasize film studies over film production. Although NYU and UCLA claim to offer both in equal measure, Bordwell believes the UW has a more thorough integration of studies and production because filmmaking is not a primary focus. "It sounds paradoxical but because production is a lesser concern, and because we're relatively small . . . we can have our graduate students taking filmmaking courses and we can have our undergraduates taking both film studies and filmmaking courses and getting a balanced view. The other schools . . . have an absolute split—film studies on the one hand, filmmaking on the other and the twain don't meet."

Professor J. J. Murphy, an acclaimed experimental filmmaker who teaches the production courses, supports Bordwell's sentiments. Filmmaking "doesn't exist in a vacuum," he says. A balance between knowledge about film and hands-on experience is important, even for undergrad-

uates who choose to go on for an MFA in film, and do not intend to become film studies scholars. All of the UW's filmmaking courses are taught at the undergraduate level; the graduate program requires some remedial work for graduate students who come to the UW with no filmmaking experience.

Introductory film and television courses attract hundreds of students. Required to follow a prescribed set of some dozen courses, the undergraduate major is systematically introduced to "a very thorough and wide education in various aspects of film: documentary film, fiction film, experimental films, the industry behind the art—the business of film as well as the artistic aspect."

And just as Hollywood has its success stories about young stars who were "discovered" while waiting tables, the UW has a few of its own lightning-only-strikes-once tales. "We don't want to encourage people to come here as a steppingstone to Hollywood. We say, 'If you want to go to Hollywood, go to Hollywood.' But it turns out that our students do get along," Bordwell remarks. Bette Gordon '72, '75, '76 and James Benning '75, for example, have established themselves as leading independent filmmakers. Gordon's *Variety*, a feminist remake of Alfred Hitchcock's *Vertigo*, won her acclaim, and Benning is one of the major figures in experimental film right now. Colleen Sullivan '83 took her undergraduate degree at the UW under Murphy's tutelage and earned her MFA at the Art Institute of Chicago, where she recently won a coveted traveling fellowship. Bordwell also rattles off a number of important scholars who came out of the UW: Douglas Gomery '70, '75, is one of the leading film historians in the U.S.; Janet Staiger '81 taught at NYU and just accepted a position at the University of Texas at Austin; and Kristin M. Thompson '77 is an independent film scholar and freelance writer.

From the start, Hollywood productions were unabashedly intended for casual consumption at measurable rates of profit.



**P**erhaps the UW's program is best known for its massive film collection. Some farsighted people in the mid-'60s thought film was not below notice and acquired the archives, now housed in the Historical Society, which Bordwell considers the bedrock of the program. The University's collection of fourteen thousand films and two million photographs, as well as thousands of scripts and other film documentation, were the gifts of nearly three hundred donors. These make up the Center for Film and Theatre Research, which is also part of the Communication Arts Department but separate from the film program. The collection is available to any serious scholar, not just those who are university affiliated. According to a recent survey by the National Center for Film and



Video Production, the UW collection is fifth in size after the Library of Congress, the National Archives (which has only non-fiction films), the University of California at Los Angeles, and George Eastman House (which has fewer titles than the UW, but more feet of film). The current director of the center, Donald Crafton, began teaching at the UW two years ago and was attracted here in part because of the center.

The core of the collection is American films from the Hollywood studios, although it also includes some foreign films. "Typically our program centers on American cinema because that's the nature of film history itself, not just by virtue of what we've got. Film history is largely a history of how America dominated world film markets and still in many ways does," said Bordwell, who was the director of the center until last year. Nonetheless he emphasizes the international interests of the faculty, from Vance Kepley, Jr. '76, '78, who is an expert on Soviet cinema, to Murphy's knowledge of international avant garde trends, to Crafton's familiarity with French films. This fall Bordwell secured a grant to bring in a series of important but relatively rare films entitled, "Japanese Cinema 1936-47: Social Upheaval, War, and Occupation."

The rate of acquisition for the center is not as great today, however, as it was in the 1960s and '70s, in part because many of the great forgotten warehoused collections were discovered and snapped up in those decades. Moreover, today's releases tend to be channeled into the video market. Even though such a route would not preclude a filmmaker (or producer or distributor) from depositing a film in a collection, the incentive is not as great as it was when the only way to make a film available to later generations was through archives.

Maxine Fleckner Ducey '86 is the only full-time employee of the center (Crafton teaches in addition to his duties regarding the collection). By way of contrast, the Museum of Modern Art in New York employs thirty-five people in this area. Nonetheless, all of the UW's collection can be located by title and the films can be viewed on the University's Steenbeck flat-bed viewing machines, which allow scholars that vital frame-by-frame examination. The UW's collection is the most accessible of all of the large film archives in the country, according to Ducey.

Coupled with the collection, the quality of the faculty is one of the principal explanations for the program's reputation. "Our faculty members are really active, publishing scholars. Tino Balio has a book coming out this fall, Crafton has a book coming out next year, Kepley just had a book come out last year—we're all writing a lot. And that brings students."

Admission to the graduate program is highly competitive—some years as few as

six or seven out of eighty applicants were admitted. To Bordwell, the small number of graduate students is desirable. "Many programs accept lots and lots of students, with as many as 80 to 100 in residency at a given time. But we think we can work best as a graduate program by working closely with the students. . . . In our program people get to know each other, get to know each others' work, and our standards can be high."

The program holds weekly colloquia for graduate students, faculty, and visiting scholars to help knit together the campus film community within a university that at times can be admittedly pretty impersonal. One graduate student agreed that the colloquia are central to the intellectual life of the program. "There's always a fight. . . . And we always go to the Black Bear bar and make up." Even today, when intuitively one might expect a waning of interest in film in favor of television, classes continue to be oversubscribed.

The enthusiasm for film studies reflects in part the ongoing love affair between the American people and the movies, one that is as strong and successful as ever. As Bordwell asserts, early reports of its death were highly exaggerated. Just as TV didn't finish off the industry, neither has video killed it. "This summer was the biggest in the industry's history. More money was made than ever before. Eddie Murphy's *Beverly Hills Cop II*, not necessarily my idea of a great movie, entered the Top 20 list of most profitable films of all time."



Silent comedy-dramas once played equally alongside vaudeville acts. But by the mid-20s, millions of Americans went to movies as part of their weekly routine, changing the cultural impact of film forever.

In the beginning Hollywood produced films unabashedly intended for casual consumption at measurable rates of profit. Murphy sees that trend continuing to dominate commercial releases—many exist solely to make money by whatever means necessary, and much creative filmmaking and incisive film studies must, almost by definition, occur outside that mainstream. On the other hand, today many successful young filmmakers—both among the Hollywood whiz kids like Steven Spielberg, and the small-budget independents like Jim Jarmusch and Spike Lee—are products of film schools.

But as the film schools have evolved with the filmmakers, the industry has become more "academicized," says Bordwell. "It's not surprising that filmmakers would react to this hyperinterpretation of critics. . . . There's a sense in which filmmakers know that academics are going to be 'reading' their films."

Crafton observes that film is also an increasingly important part of people's social lives. "The public conducts its own form of film studies," he says. "People like to read about films in production, about stars, about filmmakers. They don't just go to see a film, they go to see the work of a particular filmmaker and they know about that filmmaker." As a result, audiences today are more discriminating than in the past and that in turn keeps the industry vital. "The more connoisseurship there is of film, the more people will enjoy it."

So, pass the popcorn. □



**DAY AFTER DAY, THEY FEEL** the isolation the rest of us experience only now and then, that of one who does not quite belong. The black, the Hispanic, the American Indian who walks into a classroom on The Hill may very well be the only member of that race in the room; there are so few minorities on this big, white-American-Wisconsin campus. The aloneness is more than merely that of the outsider; added to it is a singular pressure. Says Mercile Lee, an assistant vice chancellor, "Majority students have the freedom to be themselves. They can make mistakes in order to grow, as young people must. But it's been my personal experience that a minority student is looked on as prototypical of his or her race. His conduct, his personality, what he says and how he says it are usually read by other students as racially characteristic. So the minority person who cares what others think often feels he or she must be constantly on guard. That is exhausting."

Maybe, then, exhaustion is one reason for the years-long decline in minority enrollment in higher education. Nationally, the number of black undergraduates alone has dropped 20 percent—despite the fact that the nation's high schools are graduating more minorities than ever before. This semester, for the first time since 1980, UW-Madison saw a slight upward turn, but the statistics remain disheartening. We have but an estimated\* 1,455 from the three "targeted minorities"\*\*\* in a student body of 43,000-plus. Why?

Of course there is no single answer: that is buried somewhere in the history of the human race. But there is information about what is being done on this campus, and thoughtful opinions about what

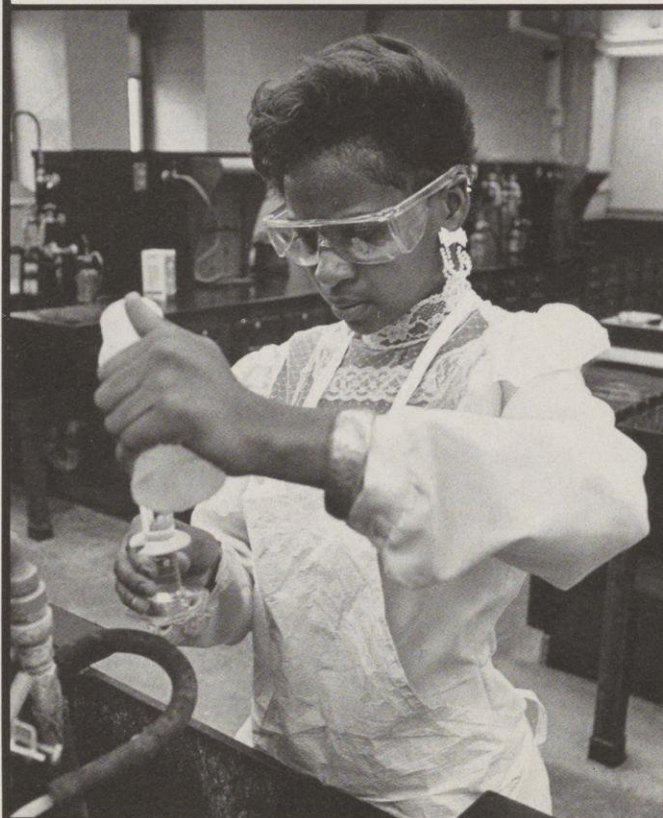
\*Registration forms ask, but do not require, racial identification.

\*\*The title refers to blacks, Hispanics and American Indians only. It excludes our 945 Asian-American students because they are not considered to be underrepresented.

# What's Happened to the Possible Dream?

**Twenty years after colleges and universities began to actively recruit minorities, only 3 percent of the UW student body is made up of blacks, Hispanics, and American Indians. Faculty and students are wondering why—and what we can do about it.**

*by Tom Murphy*



RICHARD HANSON / UW NEWS SERVICE

is not being done. The measure of campus-wide success or failure rests on the conviction that the inherent inequities of society will be corrected, ultimately, only through education toward intercultural understanding and respect.

Over the years, the University has taken many important steps. The list of current activities shows over thirty programs in three categories: pre-college programs for middle and high school students; campus-wide services such as specially-assigned minority staff in impact areas, tutoring services, special orientations, and recruiting; and individual programs in each school and college on the campus.

Some of these undertakings are worth bragging about. There are broad-scale "Summer Enrichment" and "College Access" programs for middle and high school students, coordinated through the School of Education, as well as in the medical and paramedical disciplines which offer, further, stipended research internships for outstanding high schoolers. Since 1973, the College of Engineering has offered an eight-week summer session for about forty minority young people who come here as high school sophomores and return for three summers. Alfred Hampton, the program's director, says most of them go on to college—about half of them coming here. For enrolled students, there is the Academic Advancement Program, coordinated through the College of Letters and Science. Its director, Yvonne Bowen, observes, "Not only does AAP provide access and academic support to minorities and the disadvantaged, many of whom might not meet regular requirement standards, but it holds out welcoming arms to them, so important in the competitive and academically rigorous atmosphere of a school of this size." Since its inception in 1966, AAP has graduated more than 500 students, says Robert Ibarra of the program staff.



Another of the UW's more successful efforts began in 1984, when then-Chancellor Irving Shain established the Chancellor's Scholarship Program. "It has allowed us, for the first time, to bring in minority students on the undergraduate level because of their outstanding academic ability rather than on need," said Marion Brown, a director of development for the UW Foundation who works with this fund.

**ONE RECIPIENT, ELIZABETH RIVAS**, qualified for a reasonable amount of student-loan funds when she was a freshman here. But by the next year, her family's economic load—she is the youngest of seven—had eased up just enough so that she could no longer fit any governmentally fixed "need" category. She is now a junior, thanks to her scholarship. It has been there to pay her tuition because she meets the necessary requirements: she's a good student whose family doesn't have the wherewithal to send her here, she is a member of a minority group, and she is a Wisconsin resident.

Her GPA hovers around 3.5 in International Relations and Spanish majors, and she also works twenty-two hours a week at two jobs to pay the bills that start where tuition leaves off. After graduation, she says, she'll probably go to law school and back to her native Milwaukee—where she graduated from Shorewood High School—to work among Hispanics.

Brown says that although the Chancellor's Scholarship Program has been successful and rewarding, the numbers of minority students included are still small. At the end of the last spring semester, there were seventeen recipients; eleven more arrived this fall. With luck, the fund can swell. The foundation's forthcoming Capital Campaign has set a goal of \$2 million dollars for the program and additional grant moneys for non-resident minority students. With more luck, the foundation can begin to reach out to all minorities,

whether from in- or out-of-state, regardless of both income and classroom performance. Those with the desire to go on to higher degrees and out into the professions might then well inspire some young minority student to look at them and say, "I can do that, too."

There are more plans to increase efforts. When new Chancellor Donna Shalala held her press conference in June during her introduction to the campus, she mentioned minority recruitment and retention as high on her list of priorities. New Dean of Students Mary Rouse is quoted as saying, "It's clear to me there is a problem, and it's clear to me that all of us have to work together to alleviate it." This is also the aim of Barbara Hughes Fowler, new chair of the faculty's influential University Committee.

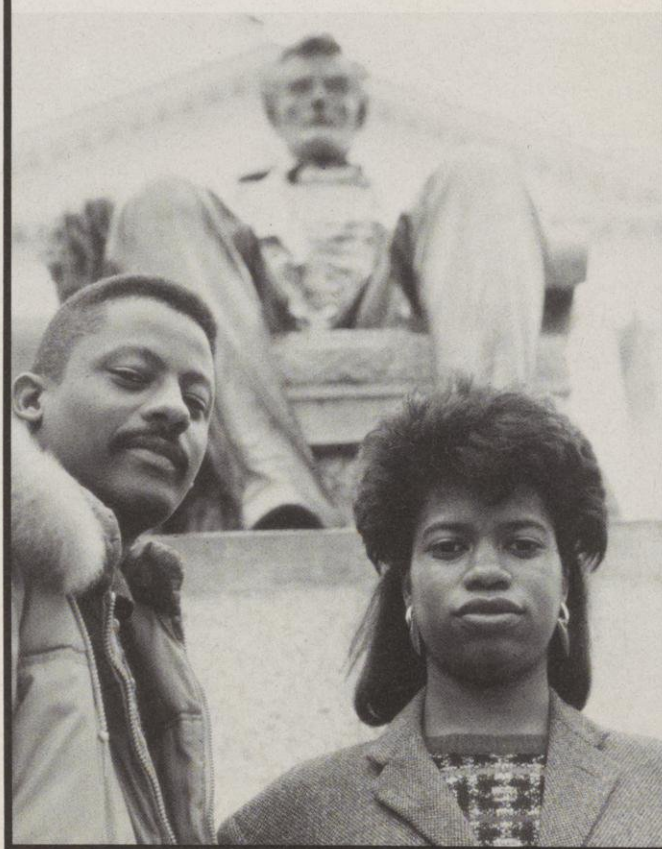
At this writing, the most visible "official" undertaking is the newly formed Steering Committee on Minority Affairs. It was formed last spring, the result of ongoing efforts by concerned students, staff, and faculty and triggered when students rallied to protest a fifteen-foot-high black caricature in front of the Phi Gamma Delta fraternity house during its annual Fiji Island party. Under Phillip Certain, acting vice chancellor, the committee held its initial meeting in July with thirteen students and ten faculty/staff members. Recently, two additional alleged racial incidents have surfaced. A black student reportedly was attacked this fall as he walked near Sellery Hall late at night; and in the spring of 1986 the Kappa Sigma fraternity held a party that featured a "Harlem Room." Both incidents have inspired a renewed pledge from campus officials that racism will not be tolerated here.

The steering committee's first report is expected out this semester. Earlier news stories said recommendations will include a compulsory six credits in ethnic studies for all undergrads, stronger recruitment efforts for out-of-state minorities,



(Top) Mercile Lee, an assistant vice chancellor, with Professor of Art Truman Lowe, chair of the Faculty Senate's Committee on Academic Affairs of Minority/Disadvantaged Students.

(Bottom) Charles Holley, chair of the Steering Committee on Minority Affairs and president of the Black Student Union, with co-president Geneva Brown.



BRENT NICAstro



and better means of supporting minority graduate students. On the latter point, Paul Ginsberg, newly retired as Dean of Students, said, "We need to state our outrage at the fact the University brings minority graduate students here for two or three years and then drops them."

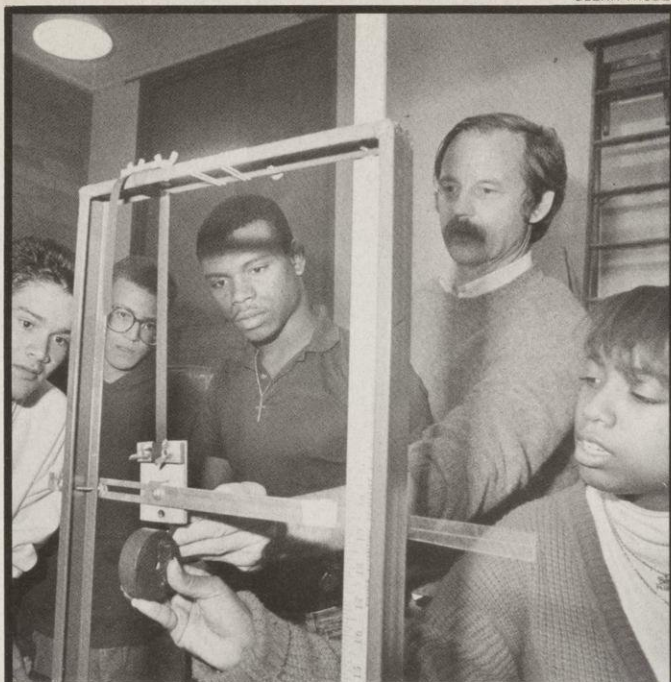
Charles Holley, a twenty-two-year-old self-supporting senior from Chicago, chairs the new committee. He is a political science major who plans eventually to go into law. Says Holley, "This is a fine school, that's why I've stayed. But not only can you walk into class day after day as the sole minority among 300 students, you may also never see anyone of your race teaching."

He is accurate on both counts: last year there were but twenty-seven blacks, twenty-three Hispanics, and four American Indians on our faculty of 2,388, according to the University's Office of Affirmative Action.

"Socially," Holley adds, "minorities feel isolated. With the countless number of events that are put on by and for students here, all of them ignore our cultures totally. Sure, we can hold 'our own' gatherings, but that doesn't help anyone, does it. That doesn't give a white person an insight into my humanity, it doesn't let me understand him any better."

Holley says he wants to be optimistic about official attention to the steering committee—"there are lots of good people on it." But, he adds, "it remains to be seen how fast the University will act on our recommendations. People *can* take swift and deliberate action around here when it suits them."

Ginsberg's stated "outrage" at the financial treatment of minority grad students reflects what many see as part of a key area of conflicting priorities at opposite ends of State Street. They say our ranks of minority students, undergraduate or graduate, could swell appreciably if attention were paid to the money factor. Or, to put a sharper point on it, there never



(Top) The College of Engineering has some of the longest-running programs designed to both introduce students to the UW and to keep them here once they enroll. Here Hank Haslach demonstrates a materials stress test.

(Bottom) The Minority Business Student Society is a multicultural organization designed to increase Business School enrollment and to help students choose careers.



can be fair representation unless the money is forthcoming, given the high costs of education, the low level of minority income nationally, and the number of educated minority deprived from receiving the just rewards of that education. Says Assistant Vice Chancellor Lee,

"The effort and expense can appear to be insurmountable to the youngster in the ghetto, the barrio, or on the reservation."

One group is getting the help it needs. Says Wallace H. Douma, our director of student financial aids, "Every resident minority who needs financial aid

for undergrad education can get it. Moreover, most of it is in the form of grants and scholarships, *not loans*. I wish we could make that point to parents and to school counselors; dispel the myths that Wisconsin's minority young people with promise but without enough money can't go to school here, or that doing so will plunge them into debt. Get them into the right courses in high school and see that they graduate—they don't have to be in the top percentile, they simply have to have a good potential. If they're admitted here, two basic programs will carry them through to graduation with a minimum of loaned funds."

The programs to which Douma refers, both based on need, are the Talent Incentive Program for freshmen and the year-old Minority Retention Grant Program, which begins with the sophomore year and can run to a total of four years, so that if it takes five to graduate (which today is often the case), the money is there. Should some loan funds be necessary, he adds that there is also the A. C. Nielsen Loan Program: "Unlike federal loan funds, it permits us to be more flexible with someone who is having trouble paying us back after graduation."

It's a step in the right direction, in the eyes of Lee. But it forgets the Wisconsin resident whose family is in what the state and federal guidelines euphemistically call "middle income" levels, just as it forgets master's and doctoral candidates and all out-of-staters. (Douma estimates that by next fall, it will cost any non-resident undergrad about \$10,000 a year for tuition, room-and-board, "necessary expenses" and travel.)

**ALBERT JAMES, A TWENTY-THREE-year-old senior and graduate of Chicago's Quigley South High School, analyzes the campus situation this way. "I go to class," he says, "then I go to the library to study, then to work, and then I go home. I don't hang out with only blacks,**



## Hometown Headstart

IN CHICAGO ONE EVENING, Les and Laurantita (Taylor) Dugas '49 and their daughter Lauren '79 had a group of strangers in, and they enjoyed it so much they plan to do it again. It was last March, and their guests were thirteen young black students from the area who'd been accepted to enroll here this fall. They brought their parents. Four people drove down from the campus: Marion Brown from the UW Foundation, Candace McDowell from the Office of New Student Services, Naomi Walton Winfield, the assistant director for minorities in the College of Engineering, and Al Crist from the admissions office.

"It was casual and easy, and it was great," Les Dugas told us. "We got the students' names from the Registrar's Office and, a couple of weeks before the date, phoned their homes and invited them. We served punch and cookies and some Wisconsin cheese, and we'd hung up a few Bucky Badger cut-outs. We had a couple of UW tapes for the VCR; one is especially aimed at minorities. We had some Badger Yearbooks laying out. About a half-dozen friends from the Chicago Alumni Club stopped over.

"Of course it gave the kids a headstart at meeting each other. And I think it was particularly helpful for the parents. They saw there are caring people up on the campus, and the videotapes emphasized what a beautiful place it is. The alumni showed them that 'once a Badger, always a Badger,' and that was a nice thing for them to find out." □

Les and Laurantita (Taylor) Dugas '49 and daughter Lauren '79.



The fact that the money is not there concerns Lee. She cites among others the universities of Indiana, Illinois and Michigan "who have long since established funds to attract and keep minorities on all academic levels." But, she says, "this University has yet to set aside

funds for grants and scholarships.

"We are a national, an *international* university. As such we must have diversity on all levels in our student body. We must recruit non-resident minority students even more aggressively to ensure the representa-

tion of diverse talents, abilities, and backgrounds among and within ethnic groups. And then we must have the means of keeping them here once we get them here."

Getting them here and keeping them here might help correct the faculty imbalance as well, say two of its minority members. Professor Truman Lowe MFA '73, a Winnebago from Black River Falls, is on the art faculty. He has served as its delegate to the Faculty Senate, is currently on leave from heading our American Indian Studies department, and is chairing the senate's Committee on Academic Affairs of Minority/Disadvantaged Students. In fairness, he says, he does not see as the fault of the University the fact that there are only four of his race teaching here. "Back in 1978, we did a survey to find how many American Indians in the country had 'terminal degrees'—were far enough along in education to get on a track toward teaching on the college level. We found only fifty. Two of them took teaching jobs, the others preferred the private sector. So in our case, there simply wasn't the supply to meet any demand." The survey led Lowe and others to seek out prospects among his people nationally. They have since brought twelve here to the University to work toward masters and/or PhD degrees. And, although most of these still prefer the business world, "we're contributing to the pool" of American Indians who now might enter academia.

Professor Richard D. Ralston teaches Afro-American Studies. "I would not want to accuse the University of being lax in offering faculty positions to us blacks or to any minority of which I'm aware," he says. "But I also believe that we might change some old habits. For example, it's been my experience that most faculty openings anywhere are announced and publicized primarily through networking.

*Continued on page 29*

or only whites; I have friends in both groups. But I just plain don't have time to hang out."

James has been completely self-supporting (although this year he has help from a Minority Retention grant), and it has been a long haul. He stalked a couple of majors and ended up in textile science. "I met Gloria Hawkins, the minority affairs director in the School of Family Resources & Consumer Sciences, and she is someone who really cares," he said. "I talked about the fact that I've always liked to draw and design, and how I'd hoped to get into product design until I found they don't teach it here. So she suggested textile design, and I really feel at home in this."

Albert works evenings at the Wisconsin Center, on the desk, and for a couple of years added to that, as a clerk in the Benetton retail outlets. In Chicago, his father is a computer programmer and his mother is a clerk with the Board of Education.

"My mother has always said a black man has to work twice as hard as a white. That's really one reason I came to Wisconsin. It's big, and it's a white-majority school. That's a combination that should teach me how to 'work twice as hard.'"

If any argument is necessary against denying a UW-Madison education to any qualified young person of any race or residence, history professor Gerda Lerner recently offered this thought in the *Wisconsin State Journal*: "We should look at what we're doing to our majority Wisconsin students when we educate them to think that everyone in the world is just like them. Part of the educational experience should be to broaden one's range of experience with people who are different from those we grew up with. Almost every problem we face today is a world problem, not a Wisconsin problem, not a Madison problem. If people are not respectful of different cultures and different values, they will not be able to live in the world."



# The Heat is On

JOE PASKUS



## UW researchers fuel the future of superconductivity.

**S**uperconductors are not exciting enough to make the front page of *Time*," the National Science Foundation representative assured a group of UW researchers in the fall of 1986.

A year later, with a smile, ceramic engineer Eric Hellstrom holds up the familiar red cover of the magazine's May 11 issue. The lead story, "Wiring the Future—The Superconductor Revolution," detailed the gathering excitement about a new group of ceramics that "superconduct" electricity without resistance and without producing

Professor David Larbalestier develops high-current wire and explores the potential of new materials. Each of the rods shown will be drawn into superconducting filaments much finer than a human hair and more than a mile long.

*by David Tenenbaum*

heat—an incredible breakthrough that could make science fiction a reality: trains levitating on a magnetic cushion at 300 mph, efficient electric cars, and the unlimited potential of fusion electricity.

Unlike previous materials, the new ceramics can superconduct at temperatures far warmer than what was thought possible just two years ago. Warm, however, is a relative term. The material that's caused most of the headlines superconducts at  $-288^{\circ}\text{F}$ —a temperature that's a bit cold for cross-country skiing but still much cheaper to create and maintain than the  $-419^{\circ}\text{F}$  needed in the past.

One of the most promising applications of Hellstrom's work in ceramics may be the development of superconducting wires. When used with electromagnets,



they could allow us to save enormous amounts of energy and harness mammoth electromagnetic fields. "To do the same thing with copper wire," he says, "you'd have to use the Amazon River as a coolant!"

Besides Hellstrom, there are many other UW researchers at the forefront. Some are working with the newly-discovered superconducting ceramics; others are perfecting the metallic superconductors already in use. Most are coordinating their work through the Applied Superconductivity Center, one of the oldest and most comprehensive university facilities of its kind anywhere. It was established in 1968 by its director, professor of nuclear engineering Roger Boom, who continues to concentrate on superconductivity and the magnetic storage of electricity. Professor David Larbalestier heads a program that develops high-current wires and explores the potential of new materials. And Professor Steven Van Sciver is investigating the liquid helium that is used to cool metallic superconductors.

The phenomenon that's at the center of their research was discovered in 1911. It was first explained in 1957 by John Bardeen '28 '29 and two other scientists, who consequently shared the Nobel Prize. Their research showed that when some materials are cooled close to  $-460^{\circ}\text{F}$ , the temperature at which molecular motion stops, they lose all resistance to electricity. New materials were soon found that would superconduct at  $-419^{\circ}\text{F}$ , although this remained the upper limit for over a decade.

The 1987 edition of McGraw Hill's Encyclopedia of Science and Technology reported that discoveries of superconducting alloys at, say  $-406^{\circ}\text{F}$ , could "certainly not be excluded." But unbeknownst to the editors, an IBM team from Zurich, Switzerland, had already reached that goal in January, 1986. Soon after the news broke, other labs joined the race, notably one directed by C.W. Chu at the University of Houston, which in February, 1987, found a ceramic that superconducted at  $-284^{\circ}\text{F}$ . Since then, the phenomenon has been reported at even warmer temperatures.

The pace of discovery has kept scientists around the world working long hours; some are even bragging that their lab lights never darken. Superconductivity has sprung into the headlines of newspapers and newsmagazines. Scientific meetings are crammed with feverish researchers. Journals are overflowing with speculations as scientists are rushing to discover the real holy grail, a material that superconducts at room temperature.

The documented achievements are leading in the right direction. The current star is the ceramic material that Chu pioneered, called yttrium-barium-copper oxide (or 1-2-3 for short). It can superconduct using

an already widely-used coolant—liquid nitrogen—that's cheaper than milk. In contrast, metal superconducting materials must be cooled by liquid helium, which is much more expensive and harder to handle.

Voices of caution are heard in the midst of all the excitement, however. "It will

---

***The material that's caused most of the headlines superconducts at  $-288^{\circ}\text{F}$ —a temperature that's a bit cold for cross-country skiing but still much cheaper to create and maintain than the  $-419^{\circ}\text{F}$  needed in the past.***

---

require a considerable effort to make good ceramic superconductors," says Larbalestier, one of the nation's premier researchers in the fabrication of wire.

When his group developed a method to produce ceramic wires by enclosing them in silver, they discovered that the material could handle less than one percent as much current as those made of metal. Until a way is found to boost that capacity, ceramics can't be used in many of the most attractive applications, such as levitating trains or in super-strong magnets for research and fusion power. Second, despite recent advances in processing, ceramics remain tough to fire into exact shapes and sizes. Third, they're brittle; even if ceramic wires can be mass-produced, they will need protection from shock and bending.

**I**n the search for solutions to these and other problems, UW researchers are exploring many avenues and applications. Professor Boom, for example, has been working with the problems of electrical storage since 1960. He discovered that one way for utilities to store and balance loads between busy and slow periods would be with Superconducting Magnetic Energy Storage, or SMES. Unlike batteries, which can reach only 70-percent efficiency, SMES stores power to at least 95-percent efficiency. The devices are giant magnets held at superconducting temperatures by liquefied helium. With no resistance, the electrons chase each other endlessly around the magnet. When the magnet is charged, it absorbs electricity like a battery; when the electricity is needed, the magnet is discharged.

Larbalestier is trying to solve the vital fabrication and processing questions that stand between superconductivity and industrial use. A professor of metallurgical and mineral engineering, he has developed a technique to produce superconducting metal wire. For several years, his group has been inventing ways to fabricate alloys of niobium and titanium that today serve in over 90 percent of high-magnetic field superconducting devices. The most familiar of these are magnetic resonance imagers (MRI), advanced diagnostic machines that allow doctors to "see" previously unseen soft tissue, such as the brain, which cannot be pictured with x-rays or CT scans. Larbalestier's superconducting wire is also used in particle accelerators and fusion power research magnets.

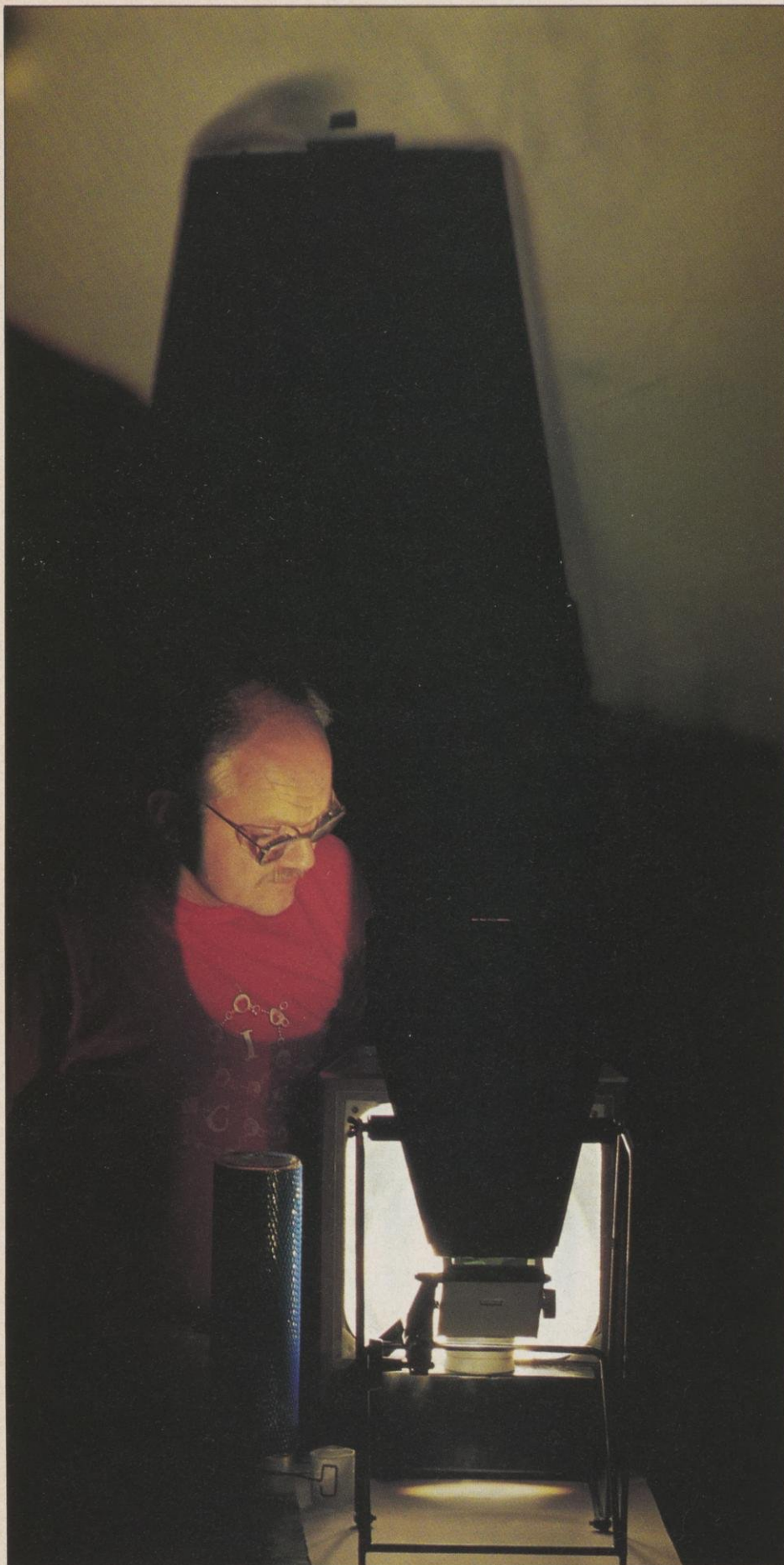
The wires are made by drawing large diameter rods of niobium-titanium down to wires that are twenty to thirty thousandths of an inch in diameter. These wires might carry several hundred amperes of current without any electrical loss. Larbalestier points out that the processes developed at Wisconsin have been used around the world and have raised the current carrying capacity by a factor of two. This has helped reduce the costs of MRI, and may save more than \$500 million if used in the U.S. government's proposed superconducting supercollider. "That's not an insignificant savings," he says, in a machine which is projected to cost about \$4 billion.

Whether that accelerator is built or not, these wires will be used in magnets that are about to be installed at a giant new particle accelerator at Fermi National Laboratory near Chicago. R. H. Remsbottom, program coordinator of the Applied Superconductivity Center, was the technical liaison on the project, a critical role that has helped make the "Tevatron" the world's most powerful accelerator.

The third leader in the Applied Superconductivity Center is Steven Van Sciver, a professor of nuclear engineering. "I study the engineering physics of liquid helium," Van Sciver says. "How you contain it, how much heat it can carry, how you pump it, how to produce and store it." He notes that even if ceramic superconductors do become practical, they might still need to be cooled at the lower temperatures of liquid helium to gain their maximum usefulness.

**O**utside of the Applied Superconductivity Center, electrical and computing engineer Professor James Nordman leads an investigation into electronic uses of thin-film superconductors. Working with Professor James Beyer, also of electrical and computer engineer-





ing, Nordman is trying to exploit the "Josephson effect" that occurs between sheets of superconductors when they are separated by a thin layer of insulating material. "Josephson junctions" are the fastest switches known; they are able to turn on and off in trillionths of a second and could help produce faster computers and better microwave devices.

Meanwhile, Hellstrom and others have already learned to deal with some of the fabrication problems facing ceramic superconductors. Although the chemical formula for ceramic oxides is not a secret, making them actually superconduct is complicated. Close attention to every step of the process is needed, Hellstrom says, and he took weeks to get one compound working: "If we'd not known that this was claimed as a superconductor, we would have given up," he says. Another problem on its way to being solved is the shaping of the brittle ceramics into wire: this can be accomplished, Hellstrom says, by forming them from a paste first and then firing.

Some UW people have found a way to reflect superconductivity's new-found glamour in the study of science itself. Chemistry Professor Arthur Ellis has helped the Institute for Chemical Education and the department of chemistry develop a kit for high school science demonstrations. It shows how magnetic repulsion can cause a small magnet to levitate above a ceramic superconductor. It's the same phenomenon, on a small scale, which levitates prototypical train lines in Japan and Germany.

Ellis used his UW students as guinea pigs for the demonstration. "We had a whole auditorium full of Chemistry 103 students gasping," he says happily, at the sight of a magnet floating in a haze of liquid nitrogen.

Despite all the fervor over superconductors and their levitating properties, however, it's important to remember that the problems will take years to solve. "Unless there's a big breakthrough soon," Larbalestier says, "the time scale will be a lot longer than people thought three or four months ago." Superconductors could bring about as many revolutionary changes as solid-state electronics, but the revolution, at best, has only begun. In fact, the processing and current capacity problems could prove unsolvable.

And even if they are, other questions remain: What undiscovered materials also superconduct? And will the discovery open doors that nobody even realizes are shut? □

The magic of superconductivity has even made it into high school classrooms, thanks to a nationally-distributed kit developed by chemistry Professor Art Ellis. The mechanics are simple: when a magnet is placed above a disc of ceramic that's been cooled with liquid nitrogen, it levitates on an invisible cushion of opposing magnetic forces.



# *Your gift of real estate... benefiting you and the University of Wisconsin*

**A**lumni and friends frequently express a desire to make a significant gift to the University. It is sometimes difficult, however, to anticipate future needs and to make a contribution of cash or securities now that may be needed in later years.

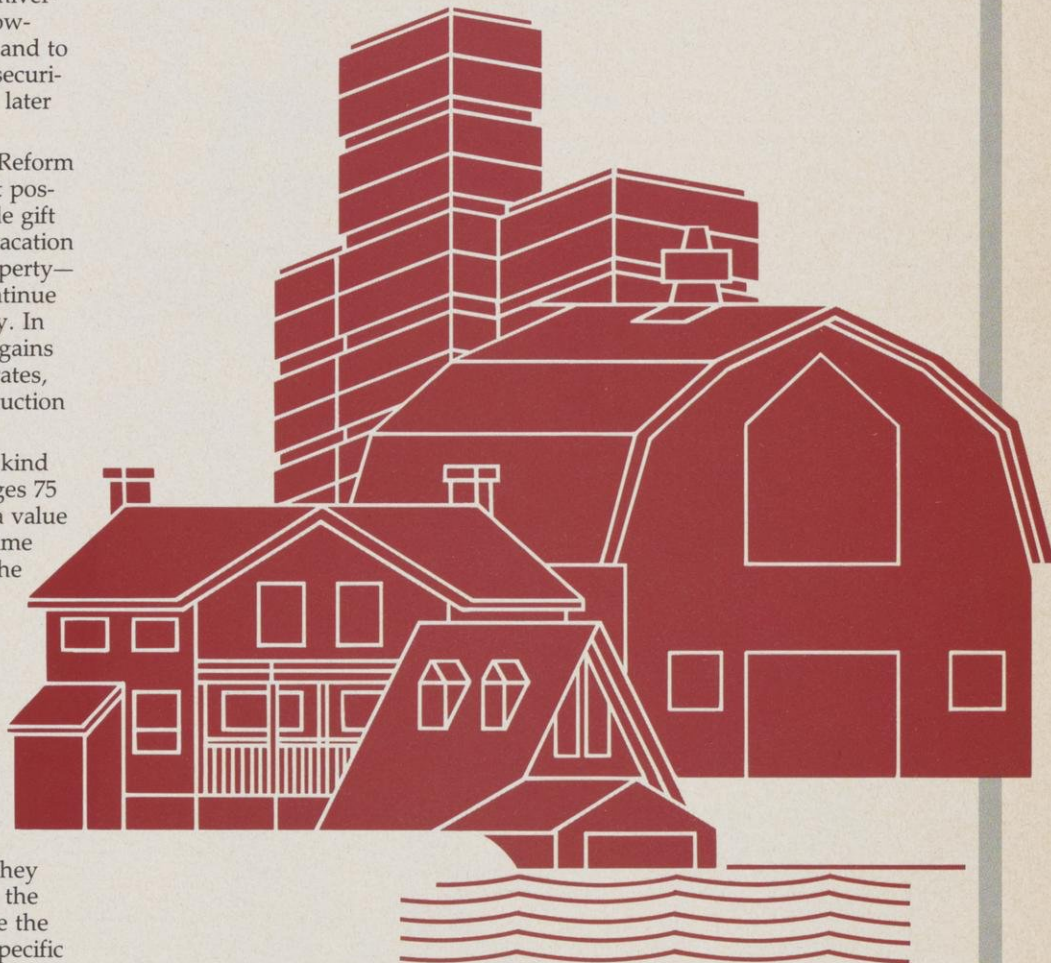
But, did you know that the Tax Reform Act of 1986 continues to make it possible for you to make a charitable gift of real estate—your residence, vacation home, farm or undeveloped property—during your lifetime, and to continue your present use of the property. In addition, you will avoid capital gains taxes, now at ordinary income rates, and obtain a substantial tax deduction for the value of the gift.

Here is an example of how this kind of gift might work. A couple, ages 75 and 73, owns a residence with a value of \$200,000. If they make a lifetime gift of this property, reserving the right to continued occupancy, they would be entitled to a charitable deduction of approximately \$54,000. The exact figures must be based upon a qualified appraisal.

This couple will succeed in reducing their tax bill for the year of the gift and beyond, and their current lifestyle will remain unchanged. Ultimately they will provide a substantial gift to the University, which they will have the opportunity to designate for a specific discipline, department or college within the University.

Can you think of an easier or more affordable way to gain a present benefit from your property and, at the same time, provide a future benefit for the University of Wisconsin-Madison?

For further information, please contact:  
Fred Winding, Vice President  
University of Wisconsin Foundation  
702 Langdon Street  
Madison, Wisconsin 53706  
608/263-5554.



*University of Wisconsin Foundation*



# Member News

THOMAS A. REYNOLDS '24, Laguna Hills, California, writes that he is now in his sixty-third year of law practice. He was admitted to practice before the U.S. Supreme Court in 1973, and has been honored recently for service to various local teaching institutions and hospitals.

MILTON S. GELMAN '43 has retired from the faculty of the communications division of Loyola Marymount University, Los Angeles. He writes that he has written and produced more than 400 scripts for radio, television and movies. Milt lives with his wife Gloria (GOULD '42) in Sherman Oaks. He says they met when he borrowed her notes in Helen C. White's Shakespeare class.

The American Academy for Park and Recreation Administration named THEODORE R. DEPPE '46, '47 one of its "Living Legends in Parks and Recreation." He'll have more time to shoot baskets now, since retiring in July after thirty-four years on the phy ed faculty of Indiana University, Bloomington.

Prof. MARYGOLD SHIRE MELLI '47, '50 of our law faculty was elected vice-chair of the National Conference of Bar Examiners.

ROBERT T. SASMAN '47, Wheaton, Illinois, retired in September as a hydrologist with the Illinois State Water Survey.

SEYMOUR I. SCHWARTZ '47, MD, professor of surgery and senior surgeon at Strong Memorial Hospital in Rochester, New York, has been appointed chairman of the department of surgery at the University of Rochester Medical Center.

In Minneapolis, GERALD C. WOLLAN '47 retired as vice-chairman of Padilla, Speer, Burdick & Beardsley advertising agency. He has been with the firm since a merger with his own in 1972.

SHELDON BERNSTEIN '49, PhD '52, director of technical development at Universal Foods Corporation, Milwaukee, received a distin-

guished service award from the American Chemical Society's division of microbial and biochemical technology in September. It recognizes his "life-long contributions to the governance" of that organization.

DAVID D. DAVIES '50, the regional sales manager in Detroit for Wausau Insurance Companies since 1980, has retired from the firm which he joined right after graduation.

The March of Dimes Foundation gave its National Nurse of the Year Award to GENE CRANSTON ANDERSON '54, '72, '73 for her professional leadership in the fight against birth defects. This was followed by ANA's 1986 Maternal Child Nursing Award. She is professor of nursing at the University of Florida, Gainesville.

DONALD ARNTZEN '55, after fifteen years as chief airport engineer for the City of Chicago, has joined Sheboygan's Donohue engineering/architecture firm as its senior transportation engineer in Chicago.

LOWELL A. LENZ '57, Madison, left a CPA firm to become director of operations in the law offices of Murphy & Desmond here.

Chances are JULIUS MARKS '57 has a new decoration on the wall at his Lincoln-Mercury dealership in Melrose Park, Illinois. It's the letter from the district office announcing that Julius and his crew sold 5,273 cars in 1986, more than any other dealership in the country.

LIONEL C. BARROW MA '58, PhD '60 of Silver Spring, Maryland where he heads a communication firm, was presented with a Distinguished Service Award by the Association for Education in Journalism and Mass Communication. He founded the association's division on minorities, dedicated to



## Wisconsin Loyalty Award

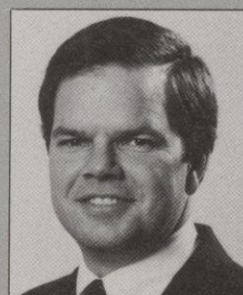
Ernest Suhr '29 of Chicago is our 1987 Wisconsin Loyalty Award recipient for sustained volunteer service and loyalty to the UW-Madison. He has participated in alumni relations programs for more than a decade, and will be honored at the Club Leadership Conference November 7.

## 1987 Sparkplug Winners

The traditional Sparkplug Awards for outstanding service to alumni clubs will be presented again this year at the Club Leadership Conference on November 7. This annual conference for volunteers from our ninety clubs, the WAA Board of Directors and the advisory committees is held on campus with discussion sessions, a meeting with University leaders, a luncheon sponsored by the chancellor, and block seating at the football game.



Chris Anderson '69, '70  
Baraboo



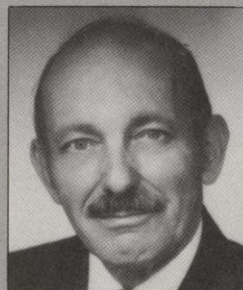
Dick Brachman '74  
Madison



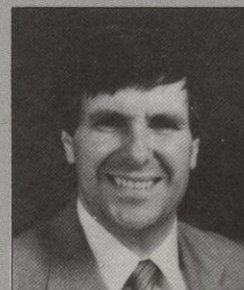
Timothy Flaherty MD  
Neenah



Jack Florin '58  
Akron



Al Schein '42  
San Diego



Harrison Schneider '64  
St. Charles, Illinois



# Member News

increasing their number in schools and colleges that teach journalism and mass communication.

GEORGE W. LYNTS '59, '61, '64 and his wife Joan (McCULLOUGH '58) are now in Dhahran, Saudi Arabia, where he is the new professor of earth sciences at King Fahd University. They've been living in Tulsa, where he was with Cities Service and Joan taught in the public schools.

Wellesley College has given a three-year special professorship to MARY M. ALLEN '60, '61, professor of biology there. The honor recognizes excellence in teaching and research.

ROBERT W. TREFZ '62, Madison, has joined the engineering firm of Dames & Moore here as an associate.

NORMAN A. BERG '63, Wheaton, Illinois, president of American Steel Foundries, is the new chairman of the rail transportation division of the American Society of Mechanical Engineers.

SUSANN REETZ CAMPBELL '65, '68, '73, director of resident and graduate programs in pediatric physical therapy at the University of North Carolina, Chapel Hill, was elected a Fellow of the APTA.

Aetna Life Insurance has a new general manager of its San Francisco office in ALISON G. COOLBRITH '67. She will move across the country from Hartford, Connecticut.

Also in San Francisco, SUE KUBLY '68, '72 has joined the sales staff of Pacific Union Residential Brokerage Company.

Navy Commander MALCOLM P. BRANCH '69 has assumed duties as commanding officer with Attack Squadron-27 at the NAS, Lemoore, California.

BRUCE A. CARLETON '70 is now a vice-president with Detroit's Manufacturers Bank.

M. NADINE ZIMMERMAN PhD '70 is now the director of graduate studies in physics at Northern Illinois University, DeKalb. She's been acting chair of the department, and recently received the Distinguished Educator Award from Lock Haven (Pennsylvania) University, where she did her undergraduate work.

In Memphis, CHRIS BOERUP '71 moves up to vice-president of the construction division of AMCA Buildings. He's been the division's manager.

RICHARD S. POST PhD '74, who's been with American Can Company in Westport, Connecticut, has opened his own security consulting firm there. At one time he chaired the criminal justice studies section of our law school.

DAVID J. RIZZO '74 has been promoted to senior brand promotion manager with Oscar Mayer here. He joined the firm in 1984.

In New York, Shearson Lehman's new assistant vice-president of high yield bonds is RANDALL J. POLLOCK MBA '75.

USAF Major WALTER W. SAEGER '75 is now on duty as supervisor with the 48th Equipment Maintenance Squadron, England.

MICHAEL S. ALLEN '76 writes that he is now a partner in New York's Santora & McKay law firm.

The American Heart Association and the National Institutes of Health have awarded five-year grants in research to DONALD A. WINKELMANN PhD '80. He is on the faculty of the University of Medicine and Dentistry of New Jersey, in Newark. His work centers on muscle contraction caused by the interaction of certain proteins.

Here in Madison, ALAN KORPADY '81 left the office of the Commissioner of Securities to join the Murphy & Desmond law firm.

HEIDI MATTHEWS '81 left South Dakota to become the women's trainer at Emporia (Kansas) State University. Heidi served as a trainer for the U.S. Figure Skating Championships in 1985 and for this year's Pan American Games.

PATRICK STACE-NAUGHTON '81 has been appointed the clerical nurse specialist in critical-care service with Milwaukee's St. Michael's Hospital.

CRAIG A. DONAHUE '83 joined the Los Angeles PR firm of Quinn/Brein as a senior account executive.

KAREN T. PAGEL '85, San Diego, joined Silicon Beach Software as director of marketing communications. This spring she earned her MA in telecommunications at San Diego State University.

## Club Programs

*Here is a reminder list of events after mid-November about which we have been informed by deadline. Clubs send detailed mailing to area alumni.*

**KENOSHA.** March 4. Wisconsin Singers. Contact: Charlotte Shirven, 657-6375.

**MADISON.** February 3. Founders Day. Speaker, Chancellor Donna Shalala. Contact: Ron Glowac, 241-1457; or Scott Spangler, 273-2297.

**MILWAUKEE.** December 3. Big Red Rally. Contact: John Sennett, 765-3759.

**ROCKFORD.** February 16. Founders Day. Speaker, UW-System President Kenneth Shaw. Contact: Judy Danca, 398-3620.

**SAN FRANCISCO.** December 5. Big Ten Holiday Happening. Contact: Robert David, (415) 651-9223.

**VACATIONLAND** (Baraboo/Dells, etc.). February 14. Wisconsin Singers. Contact: Ginny Phillips, 524-4568.

**WAUSAU.** February 2. Wisconsin Singers. Contact: Christine Freiberg, 845-1353.

## Job Mart

### Hire a Badger!

*Prospective employers: reply to member number, c/o Job Mart, Wisconsin Alumni Assoc., 650 N. Lake St., Madison 53706. Your letter will be forwarded unopened immediately from our offices.*

Illinois atty., BS '74, LLM international transactions. Consultant on trade, customs, intrntl law. Seeks dynamic position in intrntl law. Living, wrk experience in Northern Europe. Mbr. #8216.

BA '84. Seeks position involving public contact. Extensive bg in health sci, including teaching and mgmnt. Skilled in multiple aspects of direct public contact. Excellent written/oral skills, able to make rapid, independent decisions under stress. Committed to Madison area. Resume, refs. Mbr. #8217.

Journalism '86. News/ed plus extensive internship in PR, writing, editing. Seeks career in publishing as mbr challenging, growth-oriented creative ed team. Resume, refs, samples. Mbr. #8218.

Paralegal seeks responsible law-related position. Willing to travel U.S. and abroad. People-oriented, strong interpersonal skills, organized. Outstanding emp record includes ag, vetrnry med, educ. Spanish-fluent. BS Ag '72, paralegal cert, credits toward master's in Educ. Mbr. #8219.

BA '70, MA '71 German. 40 grad credits in biz, 12 yrs in UW admin, 5 in teaching. Seeking position in higher ed or industry; prefer SE Wisconsin. Excellent in communication and organization. Mbr. #8220.

Innovative, result-oriented admin with extensive bg public and private sctrs; program-planning & dvlpmnt, coordntn & trng, budgets, operations, sales, servs. Prefer Chicago. Mbr. #8221.

*Alumni Association members are invited to submit their availability notice, in fifty words or less, for a one-time publication at no charge.*



# Local Club Presidents • 1987-88

*Contact us when you're passing through the area.*

## IN-STATE CLUBS

(BARABOO) VACATIONLAND: Paul Umhoefer, (608) 356-2318  
 BROWN COUNTY: Tom Gavic '85, (414) 491-1061 (Green Bay)  
 BURLINGTON: Phillip R. Reinfeldt '55, (414) 763-7603  
 CHEQUAMEGON BAY AREA: Carole J. Huhn '68, (715) 682-2204 (Ashland)  
 DODGE COUNTY: Tom R. Fisher '53, (414) 887-2196 (Beaver Dam)  
 DOOR COUNTY: Julie J. Gebauer '72, (414) 743-7749 (Sturgeon Bay)  
 EAU CLAIRE/CHIPPewa FALLS: Stephen L. Weld '69 '72, (715) 834-1479 (Eau Claire)  
 FOND DU LAC: Gerald Huth, '73, (414) 583-3223 (Oakfield)  
 FORT ATKINSON: Ardell L. Wiederhoeft '68, (414) 563-8525  
 FOX VALLEY: Thomas J. Prosser '58, (414) 725-6676 (Neenah)  
 GOGEBIC/IRON RANGE: Anthony Stella '81, (715) 561-2548 (Iron Belt)  
 GRANT COUNTY: Toivo Gustafson '39 '41, (608) 739-3978 (Muscodan)  
 GREEN COUNTY: Verla M. Babler '67, (608) 527-2593 (New Glarus)  
 JANESVILLE: Judy K. Holt '68, (608) 756-9629  
 JEFFERSON: Peter J. Thomsen, Jr. '78, (414) 674-3709  
 KENOSHA: Phillip R. Godin '80 '83, (414) 656-1727  
 LANGLADE COUNTY: Peter G. Hafemeister '72, (715) 627-4585 (Antigo)  
 MADISON: Lynn Parish Gibbons '78, (608) 836-6779  
 MANITOWOC COUNTY: William M. Kletzien '75, (414) 684-8395  
 (MARINETTE) TWIN COUNTY: Dan Atwood '61, (715) 732-4021  
 MARSHFIELD: Kay Wilson '74, (715) 387-4566 (Stratford)  
 MENOMONIE: Tom W. King '72, (715) 235-5757  
 MERRILL: Tom J. English '79, (715) 536-4445  
 MILWAUKEE: Howard L. Carver '67, (414) 242-4358 (Mequon)  
 MONROE COUNTY: Mike Wish '74, (608) 372-7357 (Tomah)  
 NORTHWOODS: Margaret Kasson '78, (715) 282-5064 (Rhineland)  
 PORTAGE COUNTY: John M. Norton '71, (715) 341-8142 (Stevens Point)  
 SHEBOYGAN COUNTY: J. Michael Lippert '70, (414) 459-7218 (Sheboygan)  
 SUPERIOR/DULUTH: David W. Wilttrout '68 '70, (715) 392-4895 (Superior)  
 VERNON COUNTY: Kathryn J. Kreinz '74, (608) 637-3769 (Viroqua)  
 WASHINGTON COUNTY: Karen Christianson '70, (414) 334-5356 (West Bend)  
 WATERTOWN: Gary Palmer '66, (414) 261-4238

WAUKESHA: Dorothy Green, (414) 968-2146 (Wales)  
 WAUSAU: Christine L. Freiberg '72, (715) 845-5958

## OUT-OF-STATE CLUBS

AKRON/CLEVELAND, OHIO: Howard Hohl '77, (216) 666-0934 (Akron)  
 ATLANTA, GEORGIA: James '56, '57, & Judy (Koss) Sauer '60, (404) 393-2468 (Dunwoody)  
 AURORA, ILLINOIS: Betty Mabbs '51, (312) 879-2029 (Batavia)  
 AUSTIN, TEXAS: Mark Wallace '51, (512) 447-6306  
 BOSTON, MASSACHUSETTS: Joen Greenwood '56 '57, (617) 547-7624 (Cambridge)  
 CENTRAL PENNSYLVANIA: Phillip A. Dobrogowski '66, (717) 652-3969 (Harrisburg)  
 CHARLESTON, WEST VIRGINIA: Roland D. Manthe '58 '65, (304) 343-9636  
 CHICAGO, ILLINOIS: Steven L. Braun '83, (312) 664-3422  
 CINCINNATI, OHIO: Steve Haugland '72, (513) 232-0299  
 COLUMBUS, OHIO: Sue Levin '67, (614) 488-3219  
 (DENVER) MILE HI: Richard G. Netzel '50, '56 '60, (303) 758-6837  
 DETROIT, MICHIGAN: Charles G. Gunderson '56, (313) 553-8223 (Farmington Hills)  
 FLORIDA TREASURE COAST: Joseph Schemel '52, (305) 231-4185 (Vero Beach)  
 HAWAII: Larry H. Weisner '60, (808) 523-3524 (Honolulu)  
 HOT SPRINGS VILLAGE, ARKANSAS: Val A. Kopitzke '49 '50, (501) 922-2848  
 HOUSTON, TEXAS: Carol J. Blohm '78, (713) 495-6528  
 INDIANAPOLIS, INDIANA: Tony Bahowick '77, (317) 846-3411  
 (KOKOMO) MID-INDIANA: Gary Denton '81, (317) 453-5771  
 LOS ANGELES, CALIFORNIA: Dick Haines '79, (805) 984-7481 (Oxnard)  
 LOUISVILLE, KENTUCKY: Mary Kaiser '65, (502) 425-8273  
 MIAMI, FLORIDA: Marilyn Gandt-Hudson '72 '73, (305) 661-9721  
 NAPLES, FLORIDA: Phil Schlichting '59 '63, (813) 649-1975  
 NORTH TEXAS: Larry Kosowsky '81, (214) 788-1129 (Dallas)  
 NORTHERN ILLINOIS: Herbert W. Hoover, Jr. '78, (815) 623-7123 (Roscoe)  
 (NYC) BIG APPLE BADGERS: Kevin B. McKeon '78, (718) 204-0798 (Astoria)  
 PHILADELPHIA/DELAWARE VALLEY: Robert Bruechert '77, (215) 964-8184 (Radnor)  
 (PHOENIX) VALLEY OF THE SUN: Gary B. Kjelstad '67, (602) 992-9413  
 PITTSBURGH, PENNSYLVANIA: Emmy Lou Anderson '53, (412) 781-8988

PORTLAND, OREGON: Dennis J. Stejskal '79, (503) 646-6920 (Beaverton)  
 QUAD CITIES (ILLINOIS): Margaret Patterson '82, (309) 797-6334 (Moline)  
 ROCHESTER, MINNESOTA: Thomas E. Dillinger '77 '78, (507) 289-0383  
 SACRAMENTO, CALIFORNIA: Mike Willhnganz, (916) 922-8596  
 SALT LAKE CITY, UTAH: Perry Walters '61, (801) 359-3233  
 SAN DIEGO, CALIFORNIA: Gary C. Freiberg '65, (619) 462-8856 (Spring Valley)  
 SAN FRANCISCO, CALIFORNIA: James Myre '79, (415) 571-0972 (Foster City)  
 SARASOTA/MANATEE COUNTY, FLORIDA: Judith A. Jensen Skornicka '64, (813) 922-6676 (Sarasota)  
 SEATTLE, WASHINGTON: Steven J. Albright '74, (206) 285-3561  
 SOUTH TEXAS: Wade D. Smith '68, (512) 494-1225 (San Antonio)  
 TAMPA BAY, FLORIDA: Don Winner '49, (813) 442-5875 (Clearwater Beach)  
 TUCSON, ARIZONA: Henry L. Ewbank, Jr. '47 '48 '52, (602) 297-2663  
 TWIN CITIES: Julie Neal '84, (612) 929-3514 (Minneapolis)  
 WASHINGTON, D.C. AREA: Roland W. Finken '52, (703) 448-0344 (McLean, Virginia)  
 WILMINGTON, DELAWARE: Paul R. Weber '39, (302) 762-2075

## FOREIGN CLUBS

GERMANY: Daniel Olsen '83, USAPGE, APO New York, NY 09081  
 HONG KONG: Mow Ling Tung '67, T.A. Consultants Ltd, Room 506-8, Mount Parker House, Taikoo Shing, Hong Kong  
 ISRAEL: Barak Fiedelman, Moshav Shitufi Neve Ilan, D.N. Harei Yehuda, Israel  
 JAPAN: James P. Valenta, BOC Japan Ltd., Ando Fukuyoshi Building, 1-11-28 Akasaka, Minato-ku, Tokyo 107  
 MEXICO: Jesus Guzman '52, Cerro Del Otate 45, Col. Romero De Terreros, Mexico D.F. 21  
 PHILIPPINES: Josephine Marquez-Malixi '52, College of Pharmacy, 64 Gomburza Area I, U.P. Campus, Diliman, QC 3004  
 REPUBLIC OF CHINA: Lih-wu Han '28, 7 Fl. No. 14 Lane 107, Fuh-shing S. Road, Section 1, Taipei, Taiwan, R.O.C. 104  
 REPUBLIC OF SOUTH AFRICA: Dr. Johan Van Rooyan '72 '73, Sentralwest Cooperative, Box 31 Klerksdorp 2570  
 SOUTH KOREA: B.H. Kay '55 '58, Manjin Container Lines, Ltd., 18th Korean Airlines Building, Seoul  
 VENEZUELA: Luis Fernando Yopez '59 '59 '70, 305 A Eagle Heights, Madison, WI 53705-1742, (608) 238-2906



# Deaths

*Names in capital letters are those on student records. Women's married names appear in parentheses. This list is limited to those whose death has been confirmed as occurring no more than two years ago.*

## The Early Years

GLENZ, EMMA LOUISE MA '08, BS '38, Madison, in August at age 104.  
 KRUMREY, ADELAIDE E. (SAEMANN) '09, Sheboygan, in August.  
 HORSTMANN, EDITH LAURA (BEST) '15, Rockford, Illinois/Plymouth, Michigan, in July.  
 ACHTENBERG, HENRIETTA (RYALL) '15, Madison, in July.  
 BROWNING, HAROLD WILLIAMS MS '16, PhD '20, Kingston, Rhode Island, in May.  
 ELWELL, MARY FRANCES '16, McGregor, Iowa, in May.  
 EVANS, HAROLD B. '16, Minneapolis, in July.  
 NUENSWANDER, EDWARD JOHN '17, '18, Medford, in September.  
 HALVORSON, DONALD L. MA '18, Madison, in September.  
 MEYER, WILLIAM F. '18, Blackstone, Virginia, in April.  
 CHEETHAM, HAROLD COWANT '19, '20, Philadelphia, in March.  
 DANA, ELEANOR FAIRCHILD (GARNOCK) '19, Eau Claire, last November.  
 NEPRUD, ESTHER (HEIDNER) '19, Santa Barbara, in 1986.  
 WILSON, JOSEPH ORIN '19, Madison, in May.

## 20s-30s

MORICE, ELTON KNIGHT '20, Morgantown, West Virginia, in April.  
 THOMAS, NORTON A. '20, Milwaukee, in July.  
 TYRRELL, RICHARD H. '22, Milwaukee, in March.  
 BENSLEY, VIRGINIA (TROWBRIDGE) '24, Green Bay, in August.  
 BRIGGS, MARY ELIZABETH (CARTER) '24, Red Bluff, California, in January.  
 CONNELL, LAURA MAY (CLARK) '24, Manitowoc, in February.  
 HASWELL, MARION N. (LUDDEN) '24, Madison, in August.  
 HELGESON, REBECCA MARIE (LYCAN) '24, DePere, in July.  
 KATZ, MEYER RALPH '24, Farmington Hills, Michigan, in July.  
 MALDANER, THEODORE '24, Watertown, in August.  
 PLATZ, LOUISE MARGARET (HOLT) '24, Milwaukee, in December.  
 ROSS, HELEN V. (DONAGHEY) '24, Winter Park, Florida, in June.  
 SCHMIDT, WALTER CARL '24, Jackson, Michigan, in August.  
 SEARING, WILLIAM EDWARD '24, San Francisco, in August.  
 FOSTER, FLORENCE G. '25, Palo Alto, in July.

HEWITT, RUTH G. (HERRIOTT) '25, Milwaukee, in December.  
 MORRIS, MARTHA ISABEL (KAMPA) '25, Schofield, in March.  
 RUNDELL, EDWARD B. '25, Madison, in August.  
 BERGHEGER, MYRNA (WILSON) '26, '29, Minneapolis, in May.  
 CROCKETT, MARGARET L. '26, Garland, Texas/Perth Amboy, New Jersey, last November.  
 GAGE, RUSSELL E. '26, Williams Bay, last November.  
 STERN, EMANUEL H. '26, Barron, in September.  
 SCHURMAN, HORTENSE RUTH (TOMEI) '26, Northbrook, Illinois, in May.  
 BISNO, DANIEL '27, MD, St. Louis, in June.  
 CHRISTENSON, ALTHEA M. '27, Bremen, Ohio, in July.  
 PALMER, GLADYS M. (JUDD) '27, Kenosha, in August.  
 STEVENS, GLENN ORLOW '27, Wausau, in June.  
 THACHER, CHARLES ALFRED '27, Buckley, Washington, in August.  
 ZEMPEL, ARNOLD L. '27, '28, '34, McLean, Virginia, in 1986.  
 ENGLER, EUGENE FREDERICK '28, Depue, Illinois, in July.  
 GILMORE, ELIZABETH (HOLT) '28, Washington, D.C., in January.  
 ELLICKSON, LEO L. x'28, Rochester, New York, in July.  
 FIST, GLADYS (STEINER) '28, New York City, in July.  
 KOHL, HELEN L. (SCHUETTE) '28, Manitowoc, in September.  
 SCHILKE, RALPH F. x'38, West Allis, in June.  
 WOODSOME, JOHN OSBOURNE '28, Shelburne Falls, Massachusetts, in April.  
 ANDERSON, IRENE D. '29, St. Paul, in 1986.  
 LA CHAPPELLE, STUART W. '29, Green Bay, in July.  
 O'CONNOR, CATHERINE M. MPh '29, Fargo, in April.  
 PETRUZZI, LOUISE A. (BILTY) '29, Green Bay, in 1986.  
 GALIN (GALINSKY), BENJAMIN P. '30, Milwaukee, last December.  
 KUHE, EMIL B. '30, MD '35, Sun City, in March.  
 SETTERQUIST, THEODORE F. MA '30, River Falls, in 1986.  
 ROCK, EDWARD P. '31, Hudson, in July.  
 STANTON, RENETTA S. (CURTIS) '31, Beloit, in July.  
 ZIEMANN, HOWARD O. '31, La Crosse, in August.  
 BENNETT, EUNICE '32, Madison/Jefferson, in July.  
 CONLEY, MARIE V. '32, Milwaukee, in May.  
 LLOYD-JONES, JAMES '32, Milwaukee, in June.  
 MCNEIL, MARGARET (REUL) '32, Madison, in July.  
 MONEY, FRANK R. '32, Clearwater, Florida, in June.  
 RICE, ELBERT R. '32, Dallas, in June.

## Wisconsin Alumni Association Presents DUTCH WATERWAYS ADVENTURE

**An INTRAV Sell-Out Success  
in 1983, 84 and 85...**

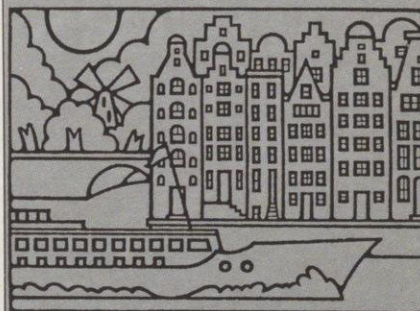
**Repeated by Popular Demand**

Departing May 23, 1988

On this exclusive two-week itinerary, sail on the chartered *M.S. Olympia* from **Amsterdam** to **Marken/Hoorn, Enkhuizen/Staveren/Urk, Kampen/Deventer and Arnhem**. It's a world of traditional costumes and quaint old villages. A rare Holland others never see.

Then three nights in elegant **Paris** before boarding the French TGV Bullet Train for an exciting 165-mph ride to sophisticated **Montreux**.

From \$3049, per person, round trip from Chicago



—— Mail This Coupon Today ——

Send to:  
 Wisconsin Alumni Association  
 650 North Lake Street  
 Madison, WI 53706

Or, for more information, call  
 608-262-2551

- ☐ Sign me up for the Dutch Waterways Adventure. Enclosed is my deposit of \$\_\_\_\_\_ (\$400 per person). Make your check payable to INTRAV.
- ☐ Sounds exciting... send me more information on the Dutch Waterways Adventure.

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

State/Zip \_\_\_\_\_

Bus. Phone (\_\_\_\_) \_\_\_\_\_

Home Phone (\_\_\_\_) \_\_\_\_\_

An Exclusive INTRAV Deluxe Adventure





## Introducing TEDDY BADGERS

These All-Wisconsin raised  
natural \***MINK**  
**TEDDY BADGERS** are  
an original design and  
sold exclusively by

*The Ultimate Jeweler*

Cambridge Court  
7414 Mineral Point Road  
Madison, Wisconsin  
(608) 833-3363

\***MINK TEDDY BADGERS \$500**

## Deaths

GAUDERN, GERTRUDE E. (OTT) '33,  
St. Petersburg, in August.  
NETTLETON, WAYNE A. '33, Cavour,  
Wisconsin, in June.  
SMART, HARRIET M. (STARKS) '33,  
Apple Valley, Minnesota, in August.  
STEEN, ROY P. '33, '34, Whitewater,  
in September.  
ANDERSON, JAC B. '34, West Bend,  
in September.  
BLUEL, MARION J. (JOHNSON) '34, Excelsior,  
Minnesota, in July.  
HUTAFF, LUCILE W. '34, MD, Fayetteville,  
North Carolina, in July.  
KEOWN, ROBERT M. '34, Lakeland, Florida,  
in July.  
MCARTHUR, DONALD '34, Glen Ellyn,  
Illinois, in January.  
ROWE, RICHARD T. '34, Birmingham,  
Michigan, in June.  
CHURCHILL, WILLIAM H. '35, Milwaukee,  
in September.  
CLARE, WILBERT C. MPh '35, Elroy, in August.  
FISHER, EVELYN S. (GANT) '35, '40,  
Whitewater, in July.  
PLATE, MAXINE F. '35, Milwaukee, in July.  
REWEY, STANLEY L. '35, a past president of  
WARF, Milwaukee, in August.  
RUNKEL, MYRA J. (KRUGER) '35, Madison,  
in September.  
TOURTELLOT, VIRGINIA A. (JENS) '35,  
Wisconsin Rapids, in August.



### Retire in NC's Piedmont

North Carolina's climate, cultural and recreational activities and excellent medical facilities make it ideal for retirees. **HENTON AT ELON** is located between Chapel Hill and Greensboro. It has very high quality homes designed for active retirees at reasonable prices. Community maintenance is provided.

**HENTON** is situated in a small college town on the edge of the campus of Elon College, a liberal arts, co-educational college of approximately 3,000 students. We actively encourage the residents to take advantage of the many cultural and academic opportunities offered by the college, and we assist in this.

**Write Henton at Elon, PO Box 10, Elon College, NC 27244 for brochures.**

(This announcement does not constitute an offer to sell real estate. Any sales or offers must be made in accordance with applicable laws and federal regulations.)

WALSTON, H. CARTHOL MPh '35,  
West Frankfort, Illinois, in March.  
CURRIER, JEAN M. (PAULSON) '36, Amery,  
in June.  
MORRIS, PHILIP '36, Highland Park, Illinois,  
in February.  
BERGSTROM, ROBERT O. '37, Milwaukee,  
in June.  
BOCHES, RALPH J. '37, '38, Deerfield,  
Illinois, in July.  
DORFF, SOL E. '37, Los Angeles,  
last December.  
HANSEN, CONNOR T. '37, Eau Claire/  
Lake Mills, first county judge to be  
appointed to the State Supreme Court, on  
which he served from 1967-80; in August.  
JEDNEY, MARY JANICE (BALDWIN) '37, '62,  
Middleton, in September.  
JOHNSON, JANE A. (BECKER) '37, Milwaukee,  
in July.  
RANKIN, FERDINAND J. MD '37, Appleton,  
in July.  
SCHUETTE, WILLIAM A. '37, West Allis,  
last December.  
GILLIOM, LYLE E. '38, St. Charles, Missouri,  
in May.  
HELLSTROM, ALICE J. (FOSSO) '38, Pasadena,  
this year.  
OAKS, STANLEY C. '37, Waukesha,  
in January.  
SCHNEIBLE, DOUGLAS E. '38, Helendale,  
California, last December.  
TEICHMANN, HOWARD M. '38, playwright  
(*The Solid Gold Cadillac*), author, and  
biographer of such notables as Henry  
Fonda and George S. Kaufmann; New  
York City, in July.  
THIEMANN, CAECILIA M. (DAVY) '38,  
La Crosse, in September.  
HUBBARD, JOHN Q. '39, Huntington Beach,  
California, in July.  
MILLER, CLYDE F. '39, Rhinelander,  
in August.  
MORROW (MORAWETZ), JOHN A. '39,  
Yorba Linda, California, with his wife in  
the crash of a private plane last February.  
STERLING, HENRY S. PhD '39, Ivoryton,  
Connecticut, in September.

### 40s-50s

FABER, ORVELLA E. '40, Milwaukee/Kiel,  
in July.  
STERN, WILLIAM J. '40, '52, Madison,  
in August.  
TORGERSON, ELEANOR (GROSCH) '40, '41,  
La Crescenta, California, in June.  
BENNETT, WESLEY EARL '41, retired USAF  
lieutenant colonel and onetime personnel  
director of the nation's U-2 program;  
West Hyannisport, Massachusetts, in May.  
CARPENTER, PAUL G. PhD '41, Baton Rouge,  
last December.  
GESTLAND, MALCOLM G. '41, San Diego,  
in October.  
HIBBARD, PAUL L. '41, Watertown,  
in August.  
SWENNES, ROBERT J. '41, Madison, in July.  
TORNOW, ELMER J. '41, Green Bay, in July.



# Deaths

BROAS, EDA V. (RAY) '42, San Diego, in May.  
 EARLYWINE, DOROTHY H. (SULLIVAN) '42, Portland, Oregon, in June.  
 IMHOFF, EARL J. '42, Delavan, in September.  
 JACOBS, E. ANNE (GAVIN) '43, Fallbrook, California, in February.  
 KRUEGER, WINSTON L. '42, Madison, in June.  
 LAW, SUSAN MARY (DAVENPORT) '42, Rosemont, Pennsylvania, in June.  
 UNDERWOOD, NANCY C. (ADAM) '42, Drummond Island, Michigan, in February.  
 REIS, JOHN G. '43, Madison, in August.  
 TURNER, CLARENCE M. PhD '43, Port St. Lucie, Florida, in March.  
 WICKHEM, JOHN C. '43, '48, '49, Janesville, in July.  
 DALY, EILEEN L. '44, Racine, in February.  
 DUNN, MARION J. '44, Middleton, in June.  
 LUDDEN, JOSEPH E. '44, '47, La Crosse/ New Smyrna Beach, Florida, in May.  
 ANDREE, RICHARD V. MPH '45, PhD '49, Norman, Oklahoma, in May.  
 GLAZER, ELAINE M. '45, Indianapolis, in 1986.  
 KEPKE, JEANNETTE A. (THOMAS) '45, Madison, in June.  
 KJIN, ALVIN M. '45, Madison, in September.  
 VANDE CASTLE, REV. BEDE L. MA '45, DePere/ Clearwater, Florida, in June.  
 HARBOUR, H. MYRON MPH '46, Menomonie, in May.  
 KRASNO, NATHAN W. '46, Madison, in August.  
 SWIFT, JACQUELINE P. '46, La Mesa, California, in April.  
 ATEN, CHARLES E. '47, Madison, in July.  
 HESTEKIN, WALTER E. '47, Eau Claire, in March.  
 KLEIMENHAGEN, RUSSELL J. '47, Renton, Washington, in September.  
 MOEN, CLARENCE B. '47, MD '50, Galesville, in May.  
 TORRIE, DOUGLAS E. '47, Dallas, in May.  
 BARNES, G. DONALD '48, Eau Claire, in 1986.  
 NOVAK, JOSEPH T. '48, Janesville, in August.  
 WIELAND, DONALD F. MS '48, Waukegan, in August.  
 DORNEY, ROBERT S. '49, '52, '59, Waterloo, Ontario, in July.  
 IRONSON, HERMAN P. '49, MD '52, Piedmont, California, in 1986.  
 KESKEY, PATRICIA M. (KLEWIN) '49, Wauwatosa, in August.  
 KINDSCHI, KENNETH H. '49, Madison, in September.  
 MCMAHON, ROLLA J. '49, Madison, in August.  
 RUBIN, GERALD '49, '50, Jacksonville, Florida, in July.  
 TRUEBLOOD, RICHARD W. '49, East Helena, Montana, in May.  
 GALASEK (GALOUSEK), CARL F. '50, Oak Park, in May.  
 GARVEY, EUGENE N. '50, Appleton, in July.  
 LANCASTER, RODNEY W. '50, Fair Haven, New Jersey, in April.  
 MITTLEMAN, HAROLD W. '50, Ormond Beach, Florida, in March.  
 NELSON, MARVIN R. '50, Racine, in April.

PRODOEHL, PAUL J. '50, Phoenix, last November.  
 WOLF, ROBERT L. '50, Madison, in July.  
 LANDON, CHARLES R. '51, Waukesha, last November.  
 POLLACK, DONALD A. '51, '53, Milwaukee, last December.  
 REYNEN, EUGENE R. '51, Columbus, Wisconsin, in August.  
 STECKEL, FRANK J. '51, Marshfield, in September.  
 LINCH, ALBERT '52, Evanston, in June.  
 BARRETT, WILLIAM J. '53, Waukesha, in July.  
 MALLOW, PHILIP A. '53, Watertown, in September.  
 SCHNECK, KENNETH H. '53, Pittsburgh, in April.  
 SMITH, ROBERT M. PhD '53, Kalamazoo, in August.  
 MOORE, MARY R. (BROCKMAN) '54, Fridley, Minnesota, in March.  
 SCHMIDT, BERNHARD R. '54, Overland Park, Kansas, in February.  
 SCHRIER, ALLAN M. MS '54, PhD '56, Providence, Rhode Island, in March.  
 AGUE, ROBERT M. '55, Beaver, Pennsylvania, last November.  
 LINDQUIST, MARY L. (MOMSEN) '55, Milwaukee, in 1986.  
 EMERICH, JOSEPH R. '56, New Canaan, Connecticut, in 1986.

## Brathaus Brats At Home

Cook real **Brathaus Brats** at home on your grill.™

They arrive vacuum-packed, UPS delivered, ready for your grill or freezer.

<b>8# box</b>	
(about 40 sausages)	<b>\$40.00</b>
<b>4# box</b>	
(about 20 sausages)	<b>\$25.00</b>

Send check to:  
**Brathaus, Inc.**  
 603 State Street  
 Madison, WI 53703



## The Madison Inn

The new hotel that's been around awhile.

We're new from top to bottom—so that you can make the most of your next visit to the University of Wisconsin and downtown Madison. That means we have new ownership, new management, newly remodeled guest rooms and a new restaurant and lounge. Breakfast, lunch or dinner, enjoy delicious food in a warm, comfortable atmosphere. Anytime, hosts Ray Velloff and Jim Mundstock invite you to stop in to see their unique collection of UW memorabilia.

Located on the UW campus, one block from Lake Mendota, close to Camp Randall and just a minute or two from the Wisconsin Center, Madison Civic Center, State Street Mall, the Capitol Concourse and Memorial Union.

- Free Indoor Parking
- Meeting Facilities
- All Major Credit Cards



601 Langdon Street  
 Madison, WI 53703  
 608-257-4391



# STADIUM CRITTERS

by REGAL KNITS  
Dakin® Teddy Bear

Handcrafted hat and sweater. Any 2 colors; any letter or any number. For high school, college, or company logo

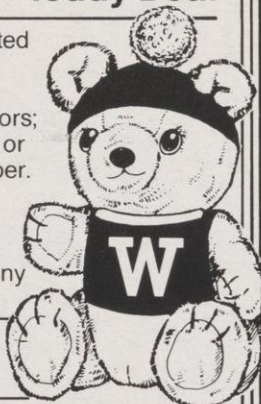
15" TALL AND JOINTED

**\$25<sup>95</sup>**

INCLUDES TAX AND SHIPPING

Make check payable to:  
**REGAL KNITS**  
18402 Breezeway  
Fraser, Michigan 48026  
(313) 293-2222

Visa/MasterCard Accepted



## Deaths

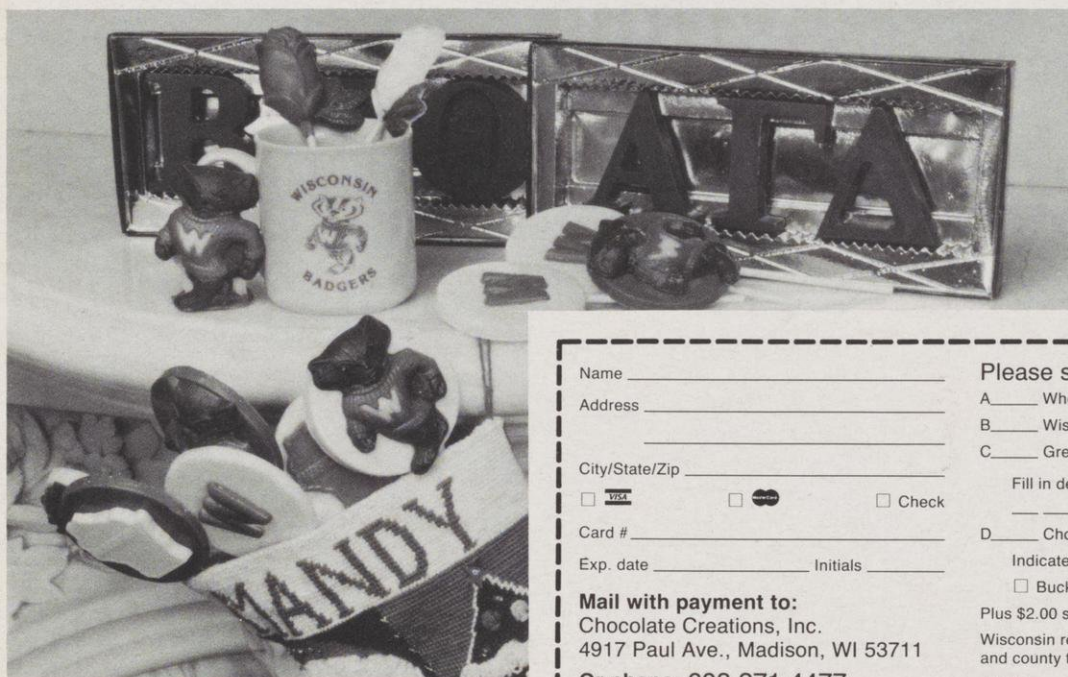
HIERL, ROBERT J. '56, Madison, in August.  
RAYOME, FRANCIS L. '56, Port Edwards, Wisconsin, in July.  
WEINERT, WILLIAM E. '56, El Paso, in August.  
BRUNNGRABER, ERIC G. PhD '57, Kirkwood, Missouri, in February.  
MEHLUM, RONALD T. '57, Winona, in May.  
WINCH, DAVID L. '57, Waukesha, in September.  
POLZIN, HARVEY C. MS '58, Suring, in May.  
YOUNG, ARTHUR J. '59, '70, Baton Rouge, last December.

ROEMER, MARCIA D. (CONNELLY) '70, Danville, Illinois, in August.  
MITCHELL, WILLIAM ROBERT '72, Madison, in May.  
CHAPLIN, KERRY ANN '74, Arena, in 1986.  
JOHNSON, LYNNE C. (BUERSTATTE) '74, Libertyville, Illinois, in May.  
GOLDFARB, SUSANNE '75, an advisor in our Office of Foreign Students and volunteer teacher of English-as-a-second-language to spouses of foreign students since the mid-1970s; Madison, in June.  
PERNITZ, DENNIS M. '77, Milwaukee, in May.  
SOULE, RAY ANN (STEIN) '77, Annandale, Virginia, in  
ERICKSON, BARBARA A. MA '78, Beloit, in 1986.  
AMUNDSON, TERRY E. PhD '80, Arena, in an auto accident in July.  
BLACK, GEOFFREY M. '82, '84, Northfield, Minnesota, last December.  
GOEDEN, GARY J. '82, Madison, of a fall and exposure while hiking in Glacier National Park, in July.  
SCHAAF, ROBIN R. MS '82, Rochester, Minnesota, in June.  
FROMME, CAROL A. MS '84, Toledo, in 1986.  
HOLTON, KEVIN C. '84, Ann Arbor, in May.  
LAYER, PATRICK D. '85, Minneapolis, in an auto accident in June.

## 60s-80s

OBEY, ELTON J. '60, Palatine, in 1986.  
RINKA, CHESTER A. MS '60, Shorewood, in 1986.  
ROTH, THOMAS A. '60, '61, '67, Manhattan, Kansas, in April.  
WILLIAMS, BEVERLY J. (BLISCHKE) '60, Van Nuys, in 1986.  
LEICHT, DANIEL C. '67, MD '71, New York City, in April.  
MULLER, PAUL ARNO MS '69, Tryon, North Carolina, in 1986.  
SMITH, KEITH A. MS '69, Sun Prairie, in August.

## Make Visions of Bucky Dance in Their Heads



New  
Chocolate  
Gifts  
from  
Wisconsin

Name \_\_\_\_\_  
Address \_\_\_\_\_  
City/State/Zip \_\_\_\_\_  
☐ VISA ☐ MC ☐ Check  
Card # \_\_\_\_\_  
Exp. date \_\_\_\_\_ Initials \_\_\_\_\_

Mail with payment to:  
Chocolate Creations, Inc.  
4917 Paul Ave., Madison, WI 53711  
Or phone: 608-271-4477

Please send me:

A \_\_\_\_\_ Whole Bucky @ \$3.00 ea. = \$ \_\_\_\_\_  
B \_\_\_\_\_ Wis. Bucky Mug @ \$5.00 ea. = \$ \_\_\_\_\_  
C \_\_\_\_\_ Greek Initials @ \$5.50 ea. = \$ \_\_\_\_\_

Fill in desired initials below:

D \_\_\_\_\_ Chocolate Suckers @ \$2.00 ea. = \$ \_\_\_\_\_

Indicate preference below:

☐ Bucky ☐ State ☐ W ☐ Rose

Plus \$2.00 shipping & handling = \$ 2.00

Wisconsin residents add 5% sales tax  
and county tax where applicable = \$ \_\_\_\_\_

TOTAL \$ \_\_\_\_\_



## Possible Dream

Continued from page 17

I'm sure there are ads in the logical journals and publications, but pretty much, it's a case of someone picking up a phone and calling a friend. Well, maybe this University should go beyond that practice, should put into effect a more businesslike approach to reaching minorities for faculty spots.

"I know, too, that at many institutions there is a common practice of not hiring faculty who have earned their degrees there. The argument I've heard here is that this can lead to a sort of 'intellectual inbreeding,' and that's a point. But on the other hand, how better to encourage our qualified minorities than to waive that practice. Give them a chance to shoot for a faculty spot right here where they've gone to school."

(Phillip Certain tells us of a new state statute which will be a help in increasing faculty from the three targeted minorities plus Southeast Asian refu-

gees. Forgivable loans may be offered to those PhD candidates who will agree to stay on to teach in the UW System.)

There's more to it all than money, of course. There are attitudes to be corrected, prejudices to be eliminated, age-old misinformation to be buried forever. Charles Holley, in talking about his role on the Steering Committee on Minority Affairs, said, "I'm not doing this for myself. But I'd like to think that my kids and every kid in America will be able to go to school and learn about all our cultures, to see all the good in all of us." □

Member Consortium of  
The  
**Big Ten**  
Alumni Magazines

Bruce Bottum • Managing Director  
Represented By  
**CASS COMMUNICATIONS, INC.**  
New York, Evanston, Los Angeles  
TOLL FREE 1-800-323-4044  
In Illinois Call  
(312) 475-8800

## THE TERRACE T-SHIRT

Great for a Graduation or Holiday Gift



Created for the Terrace Grand Opening Celebration. The Terrace T-shirts are white, 50% cotton/50% polyester imprinted in either a four color (green, yellow, red and black) or all black design shown above. It's a great design and a great value -- \$7.00!

Send order blank with check/money order plus \$1.50 for handling to:

The Wisconsin Union Craftshop  
800 Langdon St. Madison, WI 53706-1495

### Terrace T-Shirt Order Form

\$ \_\_\_\_\_  
Total Cost \$7.00 each plus \$1.50 for handling & shipping.

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Multicolor: ☐ S ☐ M ☐ L ☐ XL

Black: ☐ S ☐ M ☐ L ☐ XL

If you have any call questions (608) 262-1282.  
Please allow 4 - 6 weeks for delivery

# Panama Canal Caribbean Cruise

Montego Bay, Jamaica aboard Regency Cruises' M.V. REGENT STAR

## 7 Days!

Highlighting  
South America,  
the Southern  
Caribbean &  
Costa Rica

## Exciting Included Features

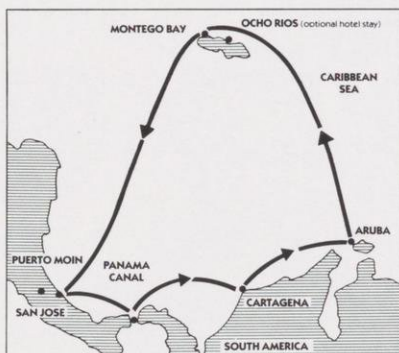
March 13-20, 1988

- 7-day/7-night Panama Canal/Caribbean Cruise from Montego Bay, Jamaica aboard the M.V. REGENT STAR and including the following visits—Costa Rica, cruising the Panama Canal, Cartagena (Colombia), and Aruba.
- All meals are included aboard ship.
- Welcome Cocktail Party aboard ship in addition to the ship's cocktail party activities.

- Free air or modest air add-ons (\$65 or \$95) round trip to Montego Bay from 70 U.S. cities.
- \$50 per person shipboard credit for any charges signed to the room during the cruise.
- All transfers and luggage handling included between the Montego Bay airport and the ship.
- Deluxe cruise bags, handsome document cases and engraved souvenir name badges.

- Services of an experienced TRAVEL INSIGHTS Cruise Director throughout the trip.
- Optional three-night pre-cruise stay at the Americana Ocho Rios Beach Hotel in Ocho Rios, Jamaica.
- Prices ranging from \$1075 to \$1915 per person, double occupancy.

Ships Registry: Bahamas



Sponsored by The Wisconsin Alumni Association

Send to: WISCONSIN ALUMNI ASSOCIATION  
650 NORTH LAKE STREET  
MADISON, WI 53706  
Ph. 608-262-2551

Send the colorful brochure to:

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_

Telephone ( \_\_\_\_\_ ) \_\_\_\_\_





## NATURE'S BEST Wild Rice

*From the heart of Wisconsin's wilderness comes  
a wild rice unmatched in flavor, nutrition and quality.*

### 100% Natural

- Organically grown
- No additives or preservatives
- Has an indefinite shelf life
- Extra fancy blend

Attractively packaged in a reusable decorator tin — first in a collector series.

Package includes preparation methods, serving tips and recipes.

Perfect for holiday dishes — wild rice adds a touch of elegance to any meal.

Nature's Best makes a very **special gift** for family, friends, employees and customers. Send your greeting or business cards with your order and we'll pack them in. Prices include handling and postage within continental U.S.

1-24	\$16.00 per 2 lb. tin
25-50	\$15.00 per 2 lb. tin
over 50	\$14.00 per 2 lb. tin



Visa & MasterCard 1/608/257-7059

**NATURE'S BEST Wild Rice**  
P.O. Box 142 • Middleton, WI 53562

## Give us two weeks and we'll give you the Panama Canal.



**Ruth and Elroy "Crazylegs" Hirsch** are already on our Royal Viking passenger list, ready to sail April 28, 1988! Wish them a bon voyage or join Bev McCord's fully escorted tour for 15 luxurious days of sun and spectacular scenery.



**Bev McCord's  
Travel World**  
608-233-4133  
608-833-4133

☐ Yes, I'd like to find out more about this Badger-spirited cruise.

Name \_\_\_\_\_

Address \_\_\_\_\_

City, State, Zip \_\_\_\_\_

**Mail to:** Bev McCord's Travel World  
2715 Marshall Ct., Madison, WI 53705 or  
433 Grand Canyon, Madison, WI 53719



***Invites You To Join Two Spectacular Departures***  
***Mediterranean Highlights – May 25, 1988***  
***Scandinavian Capitals and Russia – July 18, 1988***

**This summer, Royal Cruise Line and the Wisconsin Alumni Association invite you to join two spectacular departures.**

Departing May 25, 1988, the elegant *Royal Odyssey* sets sail from **Lisbon**, Portugal for a 14-day cruise of the glowing Mediterranean. You'll visit ports-of-call such as **Gibraltar; Malaga; Palma de Mallorca; Barcelona; Marseilles; Villefranche; Elba; Livorno; Rome; Messina; Corfu; Dubrovnik**; and ending your cruise is **Venice**.

Or maybe you want your cruise adventure to take you north, to some of the most radiant capitals of the world. Departing July 18, 1988, the luxurious *Royal Odyssey* takes you on a 13-day cruise adventure from **Copenhagen**, Denmark to **London**. Other ports-of-call include: **Leningrad; Helsinki; Stockholm**; and **Oslo**.

Royal Cruise Line, famed for its warmth of service, excellent entertainment and superb cuisine, invites you to join these two exciting cruises aboard the *Royal Odyssey*.

**"London Showtime" Package**

Optional two night pre- or post-cruise "London Showtime" packages are available at an additional cost. The package includes: two nights at a first class hotel in London, a ticket to a London Theatre, breakfast each morning, and much more!

**Special Group Cruise-Only Fares and Bonus Amenities!**

**Mediterranean Highlights**

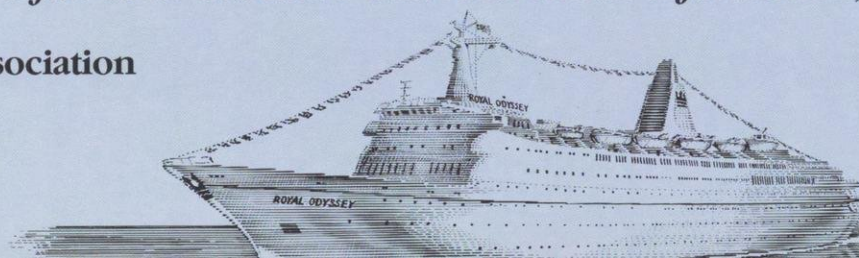
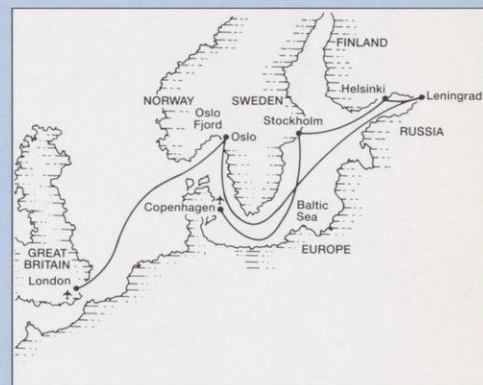
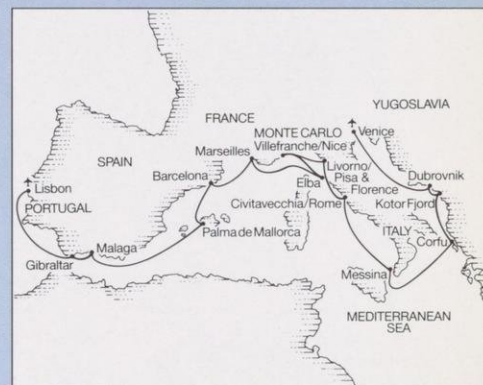
**14-day Discount Cruise-Only Fares begin at just \$2398** per person. PLUS passengers will receive "London Showtime" at \$99 per person, double occupancy; two special hosted receptions; one bottle of wine per stateroom; a group photo per couple; and souvenir name badges.

**Scandinavian Capitals & Russia**

**13-day Discount Cruise-Only Fares begin at just \$2068** per person. PLUS passengers will receive "London Showtime" at \$199 per person, double occupancy. PLUS you will receive a souvenir name badge, one group photo per couple; a bottle of wine per stateroom, and a special hosted reception on board. In addition to your already 10% discounted fare, passengers can receive a \$200 per person discount off their cruise fare if they book and deposit before January 31, 1988.

***So don't hesitate! For a full-color brochure and reservation information, contact:***

**Travel Department  
Wisconsin Alumni Association  
650 North Lake St.  
Madison, WI 53706  
(608) 262-2551**



**Royal  
Cruise  
Line**



Wisconsin Alumnus  
650 North Lake Street  
Madison, Wisconsin 53706

Address Correction Requested

NON-PROFIT  
ORGANIZATION  
BULK RATE  
U.S. POSTAGE PAID  
COLUMBUS, WI  
PERMIT 106  
THIRD CLASS

If it says

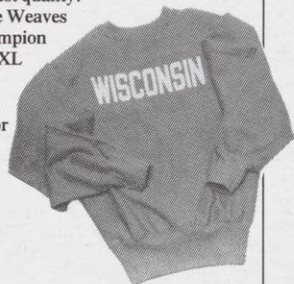
# WISCONSIN

we've got it all!

**insignia** / Balfour House

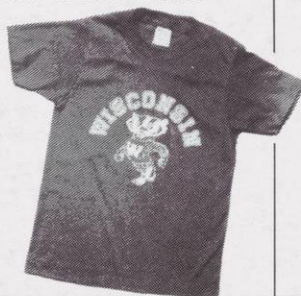
**A. Heavy Weight Sweat Shirt.**

Our finest quality.  
Reverse Weaves  
by Champion  
S-M-L-XL  
\$35.00  
In Red,  
White or  
Grey



**B. Kid's T-Shirt XS-L \$6.00**

Adult sizes S-M-L-XL \$8.00



**C. Kid's Mickey Mouse T-Shirt**

S-M-L \$8.00  
Pink, Lt. Blue, White or Black



Adult sizes  
S-M-L-XL  
\$9.00

**D. Corduroy Cap**

One size fits all.  
White or Red, \$11.00



**E. Adult Rugby Shirt**

S-M-L-XL \$36.00

Monogrammed  
"Wisconsin"

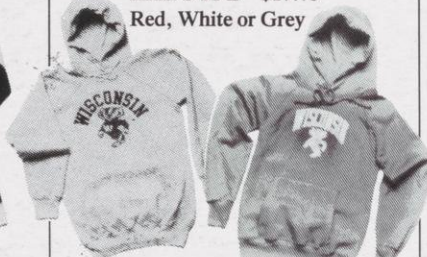


**F. Hooded Sweat Shirt**

Adult: S-M-L-XL \$20.00

Kids: S-M-L \$17.75

Red, White or Grey



**G. Script Sweat Shirt**

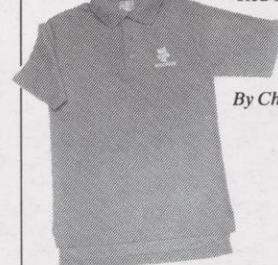
Adult: S-M-L-XL \$20.00



**H. Wis. Monogrammed Polo Shirt**

S-M-L-XL \$20.00

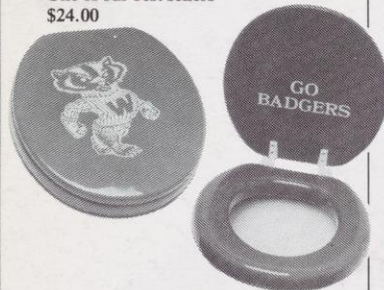
Red or White



By Champion

**I. Wis. Toilet Seat**

One of our best sellers  
\$24.00



**J. Nylon Wind Sock**

Large \$22.00 Small \$14.00



**K. Crew Neck Sweat Shirt**

Adult: S-M-L-XL \$16.00

Red, Grey or White



**L. Adult Cardigan Acrylic Sweater**

Sizes M, L, XL \$43.00

Red or White



**insignia** / Balfour House

639 State St. • Madison, WI 53703 • Tel. (608) 251-0495

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

If you wish to have any items shipped to an address **other** than your own, please specify on separate sheet of paper.

Key Letter	Qty.	Description	Size	Price Each	Total

Packing and Shipping: Add **\$2.50** for first item  
**25¢** for each additional item

**Wisconsin residents only, add 5% sales tax**

Please allow 2 weeks for delivery.

**TOTAL**

☐ Check enclosed ☐ Master Card ☐ Visa ☐ American Express

Charge Card # \_\_\_\_\_ Exp. Date \_\_\_\_\_

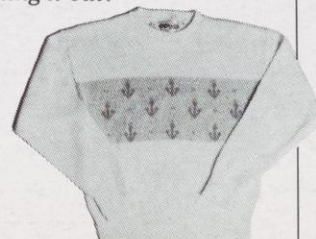
Interbank # MC only \_\_\_\_\_

**M. Sweat Pants** Red or White

Adult: S-M-L-XL \$20.00



**N. Say Greek without spelling it out!**



Women's 100% cotton  
sweater. Long sleeve. Crew  
neck. Sizes: L & XL.

**SORORITIES AVAILABLE:**  
Alpha Chi Omega, Chi Omega, Tri  
Delta, Delta Gamma, Gamma Phi  
Beta, Kappa Alpha Theta, Kappa  
Kappa Gamma, Alpha Phi, Pi Beta  
Phi.

**\$50.00**