I hope my eyes hold out.

up on a farm. That reminds me that Jane Hamilton’s “Map of the Tan’s “The Bonesetter’s Daughter.” (Mary didn’t recommend

Bible is another important part of my life.

involved in our church activities. Reading and studying the

winter. I also enjoy gardening though you might not think so if

as I’d hoped.

is so much like the movie script that it’s not quite as interesting

articles. I’ve read from “The Legend of Bagger Vance,” but it

variety than I would pick up on my own. I also read magazine

Rubio, another one of my sister’s recommendations. My sister,

now, I’m trying to finish up “Icy Sparks,” by Gwyn Hyman

Environmental Sciences

after not working or reading I enjoy playing softball and
golf in fair weather or downhill skiing or crocheting in the

I usually read a book or two a week, mostly fiction. Right

I mostly read mysteries and romance for fun. I recently

picked up a Joyce Carol Oates book for the first time, “We Were

“Current ice-protection systems at-

A smart ice-management system be-

A 12-member committee appointed

Chancellor Michael Aiken and Tanya Galligher, dean of

Chancellor Michael Aiken unveils the first
campus historical marker out-

A 12-member committee appointed

“House of Sand and Fog,” by Andre Dubus and “Stories from

UI in 1873. His students were

students were

an architectural program at the

by fall. Ricker, the first person

todo enjoy her recommenda-

tone. Two of my favorites lately have

been “House of Sand and Fog,” by Andre Dubus and “Stories from

after “Icy.” I’m going to read Amy

Tunr’s “The Bonesetter’s Daughter.” (Mary didn’t recommend

Waiting for me at home is a book called “From Our House,”

by Lee Martin. I also like to read book reviews, and that’s how

house upon a farm. That reminds me that Jane Hamilton’s “Map of the

I think it is time to read a lot because I don’t watch much

I hope my eyes hold out. 
William H. Cresswell, Jr., 81, died June 28 at Carle Foundation Hospital. Cresswell was a professor of health education at the UI department of health and safety education from 1962 to 1990, serving as department head from 1985 to 1989. He received a joint appointment at the UIC School of Public Health. He was in the process of updating an IAPU degree requirement for police training specialist for the Police Training Institute where he had worked for 26 years. Memorials: Amyloidosis Research or American Heart Association.

Betsy Jane Pitchard Yapp, 79, died June 19 at her Urbana home. Yapp retired in 1990 after 15 years at the Institute of Labor and Industrial Relations. She was a senior research associate. Memorial requested in her children's names and the Urbana Champaign County Nursing Home, memorials to be divided among the U.C. Herb Society, R. Dale Rice, Urbana, IL 61801.

By Jim Barlow
Staff Writer

The UI this month joined a handful of land-grant institutions fully accredited campuswide for Public Affairs and Administration. Accreditation recognizes an organization’s commitment to care about the core mission of the discipline.
Tell me about your job.
I teach college students how to fly. I teach the ground school on campus. My office is really inside a cockpit. The most challenging part is knowing when to take over the controls of an aircraft so the student doesn’t get us into trouble.

What’s the best part of your job?
My wife says I don’t work because I do what I enjoy doing. A lot of students ask why I’m here and not working for an airline. Quality of life means a lot. I like to go home to my recliner. My job allows me to do the living out of hotel rooms.

How did you get started writing action novels?
I was a student at the University of Illinois when I was 21. I wrote a novel. And I said ‘sure.’ That’s when the writing bug took hold. I’m a former police officer and a former firefighter. I developed a college professor character in the book. I was turned down by several publishers, then I signed with a publisher in London. I had my first book out in 1996.

What’s the hardest part of writing?
The time. Initially coming up with the story takes a long time. It’s a mental exercise just to keep your mind in it. Like I tell people around here, some people do jigsaw puzzles, some people do the word jumbles in the newspaper. This is my mental exercise – getting a story all together.

The reason ‘A Chameleon in the Plumbing’ took three years to write was because I was originally going to have three books in the series, it being book number three. I actually wrote book number two, and it was never published because Ron Gallagher thought it was too much like ‘Silent Rescue.’ I did a lot of rewriting and combining. I lost interest for a while. I built a house here in Savoy. Then I decided I needed to finish this. I was pretty proud when I did this because it was really an exercise in will and motivation getting it done.

Ortiz brings home gold
By Sharita Forrest
News Bureau Staff Writer
Before departing to play in the World Police and Fire Games in Indianapolis the week of June 8-16, Officer Tony Ortiz of the UI police department said a little prayer to the statue in Champaign’s West Side Park that honors police officers and firefights killed in the line of duty.

“I said, ‘This will be for you guys,’” Ortiz recalled.
Ortiz lived up to the theme of this year’s games and became a “hero in the heartland,” winning the gold medal in men’s master’s division of handball, defeating the defending champion 15-9 and 15-4. Ortiz also went undefeated in his division during the five matches he played, prompting spectators to urge him to play an exhibition match against the champion of the men’s open division. Again, Ortiz trounced his opponent.

“That guy was 14 years younger than me,” Ortiz said. “That made me feel really good.”
Ortiz said his rigorous training, especially the boxing regimen he designed, gave him the endurance he needed to go the distance.

More than 9,000 police officers and firefighters from 57 countries came together in Indianapolis to compete in more than 70 Olympic-style sports and 350 events. Ortiz said that several companies have offered to sponsor him in the next biennial games, scheduled for 2003 in Barcelona, Spain. ◆
ICE PROTECTION, DESIGNED TO AUTOMATE FLIGHT

As the aviation industry moves toward fully autonomous flight systems, we’re seeing an increased need for solutions that can result in a dangerously bad decision in the absence of adequate information. Pilots expect aircraft to respond in a certain way to their commands, and when it doesn’t, they might assume the wrong reason and take improper measures that can result in a dangerously unstable aircraft,” said Tamer Basar, the Fredric G. and Elizabeth H. Nearing Professor of Electrical and Computer Engineering at the UI. “We have to provide more relevant information to the pilot so that he can make informed decisions and safeguard aircraft under severe icing conditions.”

Using systems identification techniques, the researchers first modeled the effects that ice can have on an aircraft’s flight dynamics. Then they developed methods to detect and characterize those effects.

“Instead of relying only on our ice-detection system for example, we’re measuring the changes in aircraft performance and control during an icing encounter,” said James Melody, a graduate student in the university’s Coordinated Science Laboratory. “We need a smart network to extract information from the flight dynamics and various other sensors to better inform the pilot of the current state of his aircraft.”

Ultimately, the researchers want their ice-management system to automatically adapt the flight control system to make an aircraft easier — and safer — to fly when iced. For larger, newer air- craft, the system could operate autonomously, while still keeping the pilot informed.

“We are putting our smart ice system between the pilot and the control system of the aircraft,” said Braed. “After the ice-protection system has done all it can, we want our system to analyze the situation and then help make adjustments to get us back to safety.”

As the aviation industry moves toward fully autonomous flight control systems, we’re ensuring that icing and safety are part of that process.

A flight test conducted earlier this year is being used to validate the researchers’ models and algorithms. A prototype of the smart ice-management system will be flight-tested at the National Aeronautics and Space Administration is supporting the work.