Welcome to

Discover Dearborn

October 19, 2002

Program

All Guests
8:30 a.m. Registration
9:00 a.m. Welcome and opening remarks
9:10 a.m. First class session (see CASL map)
10:10 a.m. Second class session (see CASL map)
11:00 p.m. Lunch

Students
12:10 p.m. UM-D Squares (Rooms 1043, 1045, 1047)
1:10 p.m. UM-Dearborn student panel (Room 1030)

Parents
12:10 p.m. UM-Dearborn student panel (Room 1030)
1:10 p.m. Everything you ever wanted to know about...
    Group I
    1:10 Admissions and Campus Safety (Room 1071)
    1:45 Counseling & Support Services and Campus Life (Room 1072)

    Group II
    1:10 Counseling and Support Services/Campus Life (Room 1072)
    1:45 Admissions/Campus Safety (Room 1071)
Faculty and Classes

Accounting

**Business It's a Numbers Game!**

Michael Harkness, Ph.D.

Accounting is the business function responsible for recording, summarizing and reporting on the activities a business conducts over a period of time. In order to perform this function, accountants need a system to identify and record business transactions. This mini-course will introduce you to the basics of recording business transactions in the accounting system by starting and operating your own business. During the class session, you will make decisions typically found in business today, record the results of those decisions, and produce the financial reports managers need to operate the business enterprise. We will use the game of Monopoly to generate and analyze financial transactions and explore the financial reporting process.

**About Michael Harkness**

Dr. Harkness received his Ph.D. from the University of South Florida in Tampa, Florida. Before entering academics, Dr. Harkness was a corporate controller and pilot for a medium-sized company based in the Tampa area. Tired of the terrible weather in Florida, he joined the faculty of the University of Michigan-Dearborn in 1997, where the weather is much better. Dr. Harkness teaches accounting information systems, taxation, financial accounting, and international business. As a part of his international business course, Dr. Harkness takes his class of 40 students abroad to meet and discuss international business issues with U.S. companies having operations abroad. Their travels have included stops in Germany and Hong Kong with Belgium and China in the planning stages. Dr. Harkness finds teaching at UM-Dearborn to be very exciting. The University has created an environment that encourages and supports faculty efforts to introduce new ways of helping students learn and gain the experience necessary to be successful in today's business environment.

Computer Information Science

**Computer Game Design**

Bruce Maxim, Ph.D.

This presentation will describe the process of creating a multimedia computer game. We will focus on what makes a game fun to play and what makes it challenging to its players. Several examples will be presented illustrating game physics, computer sprite, animation, and use of artificial intelligence in games.

**About Bruce Maxim**

I received my Ph.D. from the University of Michigan in 1982. My research interests include software engineering, user interface design, artificial intelligence, web design, and game design. Among the courses I teach are software engineering, advanced software engineering, artificial intelligence, computer game design, the senior design seminar, and user interface design.

I love building software and enjoy sharing what I have learned about project management with my students. UM-Dearborn students are extraordinarily capable, and the best CIS students choose to take their software engineering course work with me. Every student team that has ever won a prize in the CECS Senior Design Competition took my CIS 495 course.

My favorite TV shows are "Buffy the Vampire Slayer," any of the five Star Trek series, and the original "Twilight Zone." My favorite play is the Taming of the Shrew. My favorite musical is Fiddler on the Roof. My favorite movie is The African Queen. I like swimming, scuba diving, camping, and cross-country skiing.

Education

**Inclusion: Teaching Students with Disabilities in Your General Education Classroom**

Kim Killu, Ph.D.

So, you want to be a teacher? It's a great job and very rewarding, but there are lots of challenges. One being that you must address the needs of a diverse group of students. With the inclusion movement, more and more students with disabilities are being included in the general education classroom. This class will give you an overview of the special education system, the types of disabilities you may encounter in your classroom, and what you, as a general education teacher, can do to meet the diverse needs of the students in your classroom! In addition, we will brainstorm ways that we can meet the needs of our diverse student population.

**About Kim Killu**

I received my Ph.D. in special education and applied behavior analysis from The Ohio State
University. I refuse to consider myself a “Buckeye,” and would rather think of myself as a proud “Spartan,” even though I work for the U of M. I am also trained as a clinical psychologist, and much of my experience has involved working with individuals with mental retardation, mental illness, and severe behavior disorders. I currently teach courses in the graduate program in special education, including all of the courses regarding emotional impairments, and courses in transition planning from school to work, behavior management, and special education law. Courses in the special education program have recently gone online, and it's exciting to be teaching students from not only all over the country, but all over the world!

One of the things that I enjoy about working and teaching at UM–Dearborn is getting to know the students and seeing their growth over time. I teach through the philosophy “I hear, I forget. I see, I remember. I do, I understand.” I have learned over the years I've been teaching that it is not enough to provide my students with knowledge and information. I must also teach them how to use that knowledge and information. This is the emphasis in all of my courses.

In my “spare time,” that is, when I'm not on the computer teaching, I enjoy reading (I'm desperately waiting for Harry Potter 5!), music, listening to/reading the news (I'm a news junkie), travelling, eating (but not cooking!), spending time with friends, and hanging out with my beloved “puppy,” Winston.

Environmental Studies

Why and How Do Birds Migrate?  
Orin Gelderloos, Ph.D.

Each spring and fall, millions of birds migrate through southeast Michigan. Although researchers have investigated how birds travel hundreds of miles and arrive on the same date at the same tree year after year, they only have some of the answers. We also wonder how a bird, weighing only a few ounces, can fly over the Gulf of Mexico without refueling. Through the research work at the Rouge River Bird Observatory in the Environmental Interpretive Center on campus, we study the importance of urban natural areas for migrating birds. By catching and banding birds we gather a great deal of information about when birds migrate, the condition of their molting feathers, their age, their weight, and their body fat content (fuel supply). During our session we will demonstrate the techniques of banding birds on our campus and present some of the results of our research.

About Orin Gelderloos  Dr. Orin Gelderloos teaches courses in biology and environmental studies. His favorite course is field biology which he teaches in the Natural Areas on campus every spring when the birds are migrating and the forest wildflowers are in full bloom. (One section begins at 6 a.m.!) Professor Gelderloos also is the advisor for the environmental studies program and directs its internship course. He serves as director of the Natural Areas and the Environmental Interpretive Center, where many students work and do research on a variety of topics. In recent years he has been teaching a course “Ecology of the Indian Tropics” in Tamil Nadu, South India, during the holiday break. If you see someone riding a bicycle to and from campus, in summer and winter, in rain and sunshine, it is probably Dr. Gelderloos, who would like very much to have many students join him in this method of commuting to campus.

Humanities

Go Down Moses...And Tell Jefferson The News: These Slaves Are Brilliant!  
Deborah Smith-Pollard, Ph.D.

This interactive class will look at the Negro spiritual as an example of the complex world created by the Africans who were enslaved in America. Rather than being the docile, child-like entities Thomas Jefferson and others of his time thought them to be, the slaves, as they were called, were creative and resourceful, forging a parallel culture that reflected their unique beliefs and values. A perfect example of their brilliance is the Negro spiritual which encapsulates their reverence for God, disdain for hypocritical masters, and sense of being connected to other oppressed people. What still astonishes us today is that music that moved Dvorak to comment on its beauty and poignancy was also used to send signals along the Underground Railroad, the network through which many escaped to freedom. During this class, we will examine and sing several Negro spirituals and discuss how they continue to be used today in churches, universities, by dance companies, and even by rappers.

About Deborah Smith-Pollard  My Ph.D. is in American studies from Michigan State University. I am associate professor of English literature and language and humanities, and director of the African/African-American studies program. My area of specialization is African-American literature and culture. Much of my research involves topics in gospel music, including gospel announcers (radio personalities), musical stage plays, and the attire of urban contemporary gospel performers.
I am one of those individuals who teach no matter where they are—in the classroom, on radio, on television. When I breathe my last breath, I’ll probably have erasers in my hand...or be standing demonstrating how to use an Internet site for research. I enjoy being at UM-Dearborn because of the diverse student population that allows me to learn even as I teach. What excites me about being in the classroom is watching someone connect with literature or information that was completely foreign to them when they entered. When I encounter students who say, “I started reading this novel and I couldn’t put it down,” that makes my day!

Mathematics

**Fixed Points, Cobwebs, and Chaos**  
Joan Remski, Ph.D.

A butterfly (or more likely a mosquito) flaps its wings in Dearborn and as a consequence a tropical storm is generated thousands of miles away. Sounds improbable, right? This type of unlikely event can be described using chaos, which is part of a relatively new mathematical field called dynamics. In this session we will explore the world of discrete dynamics and use mathematics and the computer to illustrate the theory of chaos. While this may sound difficult, don’t despair. The only prerequisite is a basic understanding of straight lines and parabolas. An interest in making nifty pictures on the computer will also be helpful.

**About Joan Remski**  
Joan Remski earned her Ph.D. in applied mathematics from Michigan State University in 1997. While her undergraduate degree from UM-Dearborn left her well prepared for graduate school at MSU, green just wasn’t a good color for her, so she returned in 1997 as an assistant professor.

Her research interests are in the areas of mathematical modeling and scientific computing, and she enjoys teaching a wide variety of mathematics courses. Her favorite courses combine elegant mathematics with exciting applications (like using dynamical systems to model the synchronization of fireflies flashing).

In her spare time she reads, bicycles, and negotiates various domestic treaties with her two-year-old son. She has not yet recovered from graduate school and can occasionally be found cheering for the Spartans (but don’t tell anyone, ok?).

Political Science

**Roe v.Wade (1973) in Retrospect**  
Donald Anderson, Ph.D.

This class examines the evolution of Supreme Court doctrine that led to the *Roe v.Wade* (1973) decision, which upheld a women’s right to choose to have an abortion. It looks at the decision itself as well as subsequent Court decisions that both qualified and upheld the basic holding. The class also looks at the political fallout over the decision. We will examine and explain the decision from a legal standpoint as well as a political perspective.

**About Donald Anderson**  
Professor Anderson is a graduate of Cornell University (Ph.D. 1968). He is a nationally known expert on the American presidency and the American legal system. He teaches courses on the American presidency, American constitutional law, civil rights and liberties, freedom of speech, and freedom of religion. He has conducted significant research on the presidency of William Howard Taft and published, according to the Library of Congress, the best single-volume work on the Taft presidency. Dr. Anderson is currently chair of the Department of Social Sciences and director of the criminal justice studies program.

Having attended a commuter college myself, I have a keen appreciation for the problems that our students face as they juggle the responsibilities of work, family, and school. I especially enjoy working with students who are interested in public service and eager to make a difference in their community. I work closely with pre-law majors and criminal justice majors and am anxious to place them in our Political Science Internship Program to get them started in their careers. What makes working with students doubly enjoyable is that I am surrounded with a wonderful group of talented faculty who share my commitment to teaching.

Hobbies/interests: A C-Span /CNN News junkie; Red Wing hockey; gardening; biking and hiking; philosophy.
Psychology

Robert Hymes, Ph.D.

The Inevitability of Prejudice

Many people believe that prejudice is something that is learned and can be unlearned. Children are thought to internalize racism, sexism, and other prejudices from parents, schools, and the media. In this class, we will examine research in psychology suggesting that prejudice may in fact be a natural and inevitable part of being human. Causes and possible solutions to the problem of prejudice will be discussed.

About Rob Hymes

I received my Ph.D. at Michigan State University in 1984. My research and teaching interests include: social psychology, psychology of prejudice, psychology of the courtroom, love and attraction, research methods, and statistics. I enjoy the controversy of social psychology and try to incorporate it into my teaching whenever possible. Every issue has (at least) two sides, and I feel that it's important to give equal time to the unpopular as well as the popular theories. I try to give my students an opportunity to think critically about the world, and to make up their own minds on the issues of the day. Sometimes the discussions become heated, but it's important for students to be exposed to opinions other than their own. Only then can a person truly know where he or she stands.