Your.library@umb.edu: Services for Retired Faculty

The Healey Library provides traditional, transitional, and transformative services to the campus as it reinvents itself as a state-of-the-art 21st century research library. The campus is envisioning a strong and vibrant campus in 2025, with a robust research agenda. The library is fast becoming the hub of this newly imagined intellectual space by providing a variety of resources to support teaching, learning, and research. In the past few years, the library has sought strategically to develop rare collections and expand the scope, depth, and quality of services for all users both on and off campus. As a retired faculty member, you still have full library services at your disposal, free of charge: to check-out books, peruse over 90,000 electronic journals, or browse 100,000 e-books, and rent films. The library offers retired faculty a full array of reading, research, and recreational services, as well as access to our traditional collection. All you need to have is your UMass ID card with a barcode on it. Your barcode is the password to enter the electronic portals to the multiple databases made available by the library.

Access to books (and more) has been expanded by having the Boston Library Consortium, the Fenway Library Consortium, and the Massachusetts Commonwealth Consortium of Libraries in Public Higher Education Institutions.

Energy for the Future

BY MARVIN ANTONOFF

At the end of the eighteenth century, fossil fuels, with their high energy density, abundance and relatively low cost, were responsible for powering the Industrial Revolution. The Revolution spurred the development of science, motivating the studies of engineering and thermodynamics. Boulton and Watt developed the steam engine (1775) and Sadi Carnot (1796 – 1832) began his important theoretical studies of engines, which culminated in the publication of his book, *Reflections on The Motive Power of Fire* (1824).

During the intervening two centuries, our societies have been transformed as machines have been developed to assist in labor, to provide new modes of transportation and communication, and to generate the power that we currently require.

Continued on page 3
at your fingertips. These remarkable libraries are available through World Cat. World Cat provides access to millions of books readily accessible on site, online, or by interlibrary loan (ILL). Healey Library can help you find the new best-seller or that film you want to watch; just search the World Cat and ask for what you need at Healey Library. Book and journal loan service has been transformed by these new tools assisting in borrowing materials.

In addition to hardcopy books, the university library offers many online books. E-books are also listed in the catalog, including a new electronic book purchasing program, called PDA. This new service features books under $100.00 that match the campus teaching and research profile. The library purchases any book after five different users click and access ten percent of the e-book! It is a really popular program fitting the new library.

Healey Library enjoys a strong reputation on campus for its customer service. In the age of online and electronic resources, person-to-person connections are valued by staff members in every library department. Healey Library has partnered with IT and Academic Services to support your needs face-to-face with a faculty liaison program that brings selected designated staff to your service.

The new Healey Library is growing and fulfilling your needs as well as the needs of 15,000 students and over 1,600 faculty and staff. Join them in enjoying the new Healey Library: for your entertainment or edification.

Important Links for the Healey Library online:
- An interactive guide to library services for retired faculty can be found at: http://umb.libguides.com/retiredfaculty
- The online catalog: http://www.lib.umb.edu/find
- A new service for streaming videos at http://www.lib.umb.edu/FOD
- WorldCat: http://umassboston.worldcat.org/
- InterLibrary Loan (ILL): http://www.lib.umb.edu/node/1394
- Healey Library’s databases: http://www.lib.umb.edu/find/databases
- Searching for journals: http://www.lib.umb.edu/find/journals
- Faculty liaisons: http://www.lib.umb.edu/facultyliaisons
- Services for faculty are listed on the library’s website at http://www.lib.umb.edu/category/umbaudience/faculty
- Try one new feature, http://www.lib.umb.edu/libx, to help you navigate your university library!

To enjoy the new services your university library has for you, visit the circulation desk on the 2nd floor of the library or call 617-287-5900. You can always email the department at library.circulation@umb.edu to check your status. If you want to help build the university library please contact Daniel.Ortiz@umb.edu to donate from your personal library or to help support growth at your university library.

Feel free to contact Daniel.Ortiz@umb.edu, George.Hart@umb.edu or Robert.Conway@umb.edu for any additional assistance.

To learn more about what’s happening in the Provost’s Office, visit us at: http://www.umb.edu/academics/provost/

Or contact the office at: Telephone: 617.287.5600
Location: Quinn Administration Building, 3rd floor, Room 61A
For Retired Faculty Newsletter story ideas, please ask for Aimee Blaquiere.

Upcoming Events
October 1, 2010: Annual Retired Faculty Luncheon

Teaching Opportunities
If you are interested in teaching a course or doing a guest lecture for the Honors Program, please contact Rajini Srikanth at 617.287.5521.
consumption of fossil fuels to provide the energy we need is staggering; in the U.S. we consume 21 million barrels of petroleum each day!

Our energy usage is enormous, as is our vulnerability to energy security threats. The oil shocks of 1973 made it abundantly clear that the Western World is no longer assured of access to the energy needed to power our industrial society. Embargos and price increases imposed by the oil exporting countries are capable of disrupting Western economies.

It wasn’t until after I had retired from the Physics department that I discussed with Physics Chair Bala Sundaram a proposal for a course in the area of energy. In 2007, I designed and began teaching an online course, “Energy for the Future,” intended to provide students with an appreciation of the current situation regarding energy sources and energy usage. It is widely recognized that the current means of supplying energy to industrial societies are not sustainable. The earth’s petroleum reserves are being consumed at rates which will lead to severe resource reductions in the next few decades. Unchecked burning of fossil fuels threatens permanent damage to the environment. Fundamental changes will be required if we are to avert the looming crises in energy supplies, the possibility of resource wars and environmental degradation.

In my course we consider our current dependence on fossil fuels and nuclear fission and examine alternative renewable sources of energy, including: solar, wind, hydro, ocean, geothermal, biomass, synfuels and nuclear fusion. We discuss the scientific and technological issues involved in emerging technologies, such as: the hydrogen economy, electric vehicles, fuel cells, photovoltaic cells, and “green buildings.” Of course, we also consider ways in which we can increase the efficiency of our energy usage. Designed for a general audience, the course addresses an urgent challenge facing our industrial society: providing energy for a sustainable future. My goal for the course is for students to acquire a formative knowledge upon which to evaluate the options for meeting our needs for energy in the future. The level of student interest in the course has been gratifying; last semester the online course enrollment reached 40.

Last year, Associate Provost and Associate Professor Rajini Srikanth, Director of the Honors Program, having heard about the course, asked if I would be willing to teach it, face-to-face, to students in the Honors Program. I agreed, so now I’m back in the classroom with a group of exceptional students, most of whom are demonstrating considerable interest in the subject. We’ve been engaging in studies and discussions that I trust will provide a basis for answering the question: How can we provide renewable energy for a sustainable future? Next year, I hope to share their ideas with you.
Retired Faculty Can Help UMass Boston to Obtain Another $1 Million Endowment

Retired faculty who teach for OLLI at the OLLI 10-Year Anniversary party in March 2010: Marty Quitt, Jim Morris, Fuad Safwat, Ruth Bennett, and Frank Caro.

The Osher Lifelong Learning Institute (OLLI) at UMass Boston, a lifelong learning program for older adults 50+, is working towards a goal of receiving another $1 million endowment from the Bernard Osher Foundation. We will be eligible for the second $1 million endowment as soon as our membership reaches 1,000. We expect to reach this goal by the spring or fall 2011. With the increase in its members, OLLI needs to offer more courses and lecture series. Here is a list of what retired faculty can do to help:

- Volunteer to teach a non-credit course for 5-6 weeks at the UMass Boston campus, Cordage Park in Plymouth, and Hingham Public Library (1.5 hours each session, once a week)
- Offer a one-time lecture on your specialty and research (1.5 hours from 11:30-1:00 pm)
- Become a member. To learn more about the program and its membership fees, please visit our website: www.olli.umb.edu or call our office at 617.287.7312.
- Help to spread the word about the program and help to identify potential speakers.

To consider sharing your special knowledge with a highly motivated group of older adult learners, please contact Wichian Rojanawon at 617.287.7090 or send him an email at wichian.rojanawon@umb.edu.