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for the Amherst campus of the University of Massachusetts

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The Campus Chronicle

News Briefs
Volunteers needed for inaugural events
Organizers of next month’s inauguration of Chancellor John V. Lombardi are seeking volunteers from the campus community to assist with planned activities, including the ceremony and associated academic symposia. The time commitments vary according to event:
• On Feb. 6, activities will include greeting symposia attendees, responding to questions about scheduled events and locations. Volunteers are needed for two-hour slots between 8:30 a.m. and 5:30 p.m.
• On Thursday evening, a dinner will take place at the Mullins Center. Volunteers are needed to handle registration, check coats, and serve as escorts for guests from 5:30-10 p.m.

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Daniel J. Fitzgibbons
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UMass license plate in the works
Daniel J. Fitzgibbons
Alumni and other campus supporters could be sporting UMass license plates on their cars in the near future, under recently enacted legislation.

UMass was among a number of organizations authorized in a general bill to create distinctive license plates. The measure is aimed at meeting the demand for specialty plates while limiting the cost to the state by requiring a $100,000 bond from participating organizations and setting minimum levels of participation.

According to Susan G. Mattei, assistant vice chancellor for Alumni Relations and executive director of the Alumni Association, plans for a UMass plate are coming together.

“We’ve been working on the plate design, which may take a while,” she said. “The plate will be marketed through the Alumni Association. We have to have the plate design approved, then 1,500 people have to pay for the special plates before we are allowed to actually offer them.”

Along with posting the $100,000 bond with the Registry, said Mattei, the Alumni Association will need to sign up an additional 3,000 plate holders for the program to move forward.

Once the initial state expenses have been reimbursed, the profits generated from a UMass license plate would be used for scholarships.

The original UMass license plate bill was filed by Rep. Christopher Hodgkins (D-Lee), who has since left office, and Rep. Ellen Story (D-Amherst).

Daniel J. Fitzgibbons
Romney given broader budget cutting power
Lawmakers voted last week to expand Gov. Mitt Romney’s authority to make emergency cuts in the areas of local aid and higher education to close a $450 million to $600 million gap in the current state budget.

Romney Administration officials said they would assess tax revenues before detailing any cuts in state spending. Updated revenue reports were expected to be released Wednesday. Romney’s cuts will probably be announced early next month.

Under the measure, Romney can reduce funding for any state program, except for the 14 percent of the state budget which supports constitutional officers, the Legislature, inspector general, comptroller, attorney general, and the judicial branch and debt service.

The expanded fiscal authority, which extends through June 30, gives the governor the power to reduce the $5.5 billion set aside for local aid and the $950 million for public higher education, which includes the University, state college and community college systems. The measure limits the local aid cuts to one-third of the projected shortfall, or about $200 million, in the worst-case scenario.

The Senate, which removed House language that called for equal percentage reductions to cities and towns and protecting “foundation” education funding for poor communities, easily passed the measure 29-8. The House then agreed to the changes after Romney promised to treat all communities equally.

Last week, a President’s Office spokesman said the Board of Trustees will likely defer budget discussions scheduled for Feb. 12 meeting until after the governor details his plans.

Travaglini names leadership team
Newly installed Senate President Robert E. Travaglini (D-East Boston) named his leadership team Jan. 8, tapping Frederick Berry as majority leader and Anthony Murray of Plymouth as chair of the Senate Ways and Means Committee.

Berry replaces Linda Melconian of Springfield, while Murray is taking over the post held by Mark Bray of New Bedford. Montigny, who was named to his post in 1999 by then-Senate President Thomas Hampson, will chair a new Senate Committee on Long Term Debt.

Travaglini also named Stan Rosenberg of Amherst to a new post, president pro tem of the Senate.

Peter Darrow, PAGE 3

Spring (semester) cleaning
Maintainer I David Apanell operates a floor stripping machine to remove wax in a classroom in the Isenberg School of Management. Classes begin Jan. 28.

Stan Sherer photo

Molecular helpers play key role in protein folding

It is a dance as old as life itself, the intricate folding of proteins into three-dimensional functional structures within cells. Now a new study led by assistant professor Dan Hebert of Biochemistry and Molecular Biology is shedding light on the role played by “molecular chaperones” in cellular maturation.

In a study published Jan. 17 in the journal Molecular Cell, Hebert’s team analyzes and documents the maturation of a cell taken from a flu virus. According to the team’s findings, the position and location of the chaperones has evolved to optimize the folding process in the cell.

Over the course of five years, Hebert’s team painstakingly studied the maturation process — which actually takes about two minutes — to capture images of each stage that can be viewed as a movie.

“The cell has figured out to do this in less than optimal conditions,” said Hebert. “This has important, fundamental implications for how chaperones operate.”

Hebert compares the process “as sort of an assembly line waiting to fold” as it is manufactured by the cellular machine known as the ribosome. The chaperones, he said, are strategically placed to guide the folding at key points in the process.

That helper role is essential. “If you were placed in a room full of parts you probably wouldn’t be able to build a car,” he said. “But if I handed you each part as it was needed, you might be able to put it together.”

According to Hebert, deeper knowledge of the role of molecular chaperones could provide

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See also:
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OIT improves Internet access in public classrooms

Access to jacks requires computer registration

Ethernet jacks in public classrooms in Bartlett, Machmer, Herter, Ledderle Graduate Research Tower, Hasbrouck and Hasbrouck Addition will be activated and added to the Network Registration (“NetReg”) system on Jan. 27 at 10 a.m., according to the Office of Information Technologies.

Because of this change, instructors who wish to use Ethernet jacks to access the Internet and campus network services in those classrooms will now be required to register their computers using the online NetReg system once per semester.

OIT anticipates instructors will find this new system much more convenient than the current system, where an instructor would have to reactivate an old account, reactivate an old account, or reset a password in A107 Ledderle.

Registration can be completed in any classroom with a NetReg jack. Simply plug the network cable into the blue jack with a gray faceplate (usually located near the podium), then open an Internet browser and attempt to open a Web page. The computer’s browser will be automatically redirected to the NetReg registration Web site.

To activate an Ethernet jack in a classroom, go to the NetReg registration Web site and follow the step-by-step instructions included on this site. Note that it is important to power on or reboot the computer while it is plugged into the Ethernet jack. The installation of these jacks is part of an initiative that will allow secure access to all NetReg classrooms, is available online.

Follow the step-by-step instructions included on this site. Note that it is important to power on or reboot the computer while it is plugged into the Ethernet jack. The installation of these jacks is part of an initiative that will allow secure access to all NetReg classrooms.

Letters longer than 30 lines may be condensed or excerpted. To letters which raise questions of University policy, or which criticize individuals, the Chronicle will invite the appropriate party to respond in the issue scheduled to publish such letters. Letters will not be published without a name and signature. Open letters will not be published.

The editor determines how news will be covered and what will be published, judging according to interest to the campus community and space will be available in the newspaper. The deputy chancellor serves as publisher of The Campus Chronicle. Executive responsibility for the newspaper and its purpose lies with the deputy chancellor.
21 alumni serving in Legislature

Landmakers

In the House, Lewis Evangelidis, ‘84, is the newly elected Republican representative from Holden. The other alumni representatives are Paul Frost of Auburn, Thomas George of Yarmouthport, Shaun Kelly of Dalston, Stephen Kulik of Worthington, Jim Marrilli, Jr. of Arlington, George Peterson of Grantham, Thomas Petrolati of Ludlow, Kathi-Anne Reinstein of Revere, Marie St. Fleur of Boston, Benjamin Swan of Springfield and Joseph Wagner of Chicopee. Frost, George, Kelly and Peterson are Republicans.

Rep. Ellen Story (D-Amherst) is an honorary alumnus.

Leadership reshuffled

Senators

Senators have been assigned ceremonial responsibilities and “coordinate policy development,” according to a statement released by Travaglini’s office.

Other appointments included Marian Walsh of Boston as assistant majority leader, Joan Menard of Somerset as majority whip, Robert Havern as chief of the Senate Post Audit and Oversight Committee, and Leverett. The original bill was named as the lead author of the journal article — the role traditionally assigned by the researcher who conducted the experiments. The other co-author is Arthur E. Johnson, a senior faculty member at Texas A&M University System Health Sciences Center, who provided some reagents to the researchers. The study was supported by the National Cancer Institute and the Edward Mallinckrodt Jr. Foundation.

State protects UMass forests, farmland

Daniel J. Fitzgibbons, Chronicle Staff

A bill signed into law Jan. 1 by Acting Gov. Jane Swift will confer more than 1,900 acres of UMass forest lands in four area towns and places a University-owned parcel in South Deerfield under the state’s Agricultural Preservation Restriction (APR).

Sen. Stan Rosenberg

The study was conducted by two graduate students, Brad Kurowski, who is now attending medical school, and Rob Daniels, a doctoral student in Molecular and Cellular Biology. In fact, Daniels is listed as the lead author of the journal article — the role traditionally assigned by the researcher who conducted the experiments. The other co-author is Arthur E. Johnson, a senior faculty member at Texas A&M University System Health Sciences Center, who provided some reagents to the researchers. The study was supported by the National Cancer Institute and the Edward Mallinckrodt Jr. Foundation.

Sullivan named Lottery head

One of the campus’s most steadfast alumni supporters in the Legislature, Rep. Joseph C. Sullivan (D-Braintree), has been chosen to be the new executive director of the state Lottery.

Sullivan, who just began his sixth term in the House, was tapped for the post by new state Treasurer Timothy Cahill. A 1981 graduate, Sullivan is the House chairman of the Joint Transportation Committee.

Damery wins DEM contract

David T. Damery, lecturer in the Building Materials and Wood Technology Program, has been awarded a $45,000 research contract from the Massachusetts Department of Environmental Management (DEM).

Damery’s project, “Ecosystem Management Through Improved Forest Products Marketing,” focuses on assisting small private forest landowners to achieve ecosystem management and water quality objectives, which also benefit the general public, through improved forest management and forest products marketing.

Damery said the project is a collaboration between the campus’s Department of Natural Resources Conservation, DEM and small private forest landowners in Western Massachusetts.

Information, please

Fine Arts Center
Box Office, 5-2511
www.umass.edu/fac

Five College events
http://calendar.fivecolleges.edu/FiveCol/incredible.cgi

Job listings
Employment Office
167 Whitmore, 5-1396
www.umass.edu/humes/eomanu.html

Chancellor’s inaugural
www.umass.edu/inaugural/

Music & Dance
FAC Box Office, 5-2511
www.umass.edu/music/calendar/index.html

Mullins Center
www.mullinscenter.umass.edu/

Theater
FAC Box Office, 5-2511
www.umass.edu/theater/season.html

University Club
5-2551
www.umass.edu/ucub
Greenhouse gases may have had role in formation of ice sheet

Elizabeth Luciano
NEWS OFFICE STAFF

A study by geoscientist Robert DeConto posits an alternative theory regarding why Antarctica suddenly became glaciated 34 million years ago. The study challenges previous thinking about why the ice sheet formed and holds ramifications for the next several hundred years as greenhouse gases continue to rise.

DeConto, who collaborated with David Pollard of Pennsylvania State University, has published the findings in the Jan. 16 issue of the journal Nature. The work was funded by the National Science Foundation.

“Scientists have long known that Antarctica was not always covered in a sheet of ice. Rather, the continent was once highly vegetated and populated with dinosaurs, with perhaps just a few Alpine glaciers and small ice caps in the continental interior,” DeConto explained. “In fact, the Antarctic peninsula is thought to have been a temperate rainforest.” Previous research on microfossils and ocean chemistry had already revealed that the Antarctic ice sheet may have developed over a period of just 50,000 years or even less, “the flip of a light switch in geologic terms.”

The dramatic shift occurred at the cusp of the Eocene and Oligocene eras. “The question,” noted DeConto, “is why did it happen then, and why did it happen so quickly?”

A theory put forth in the 1970s suggested that plate tectonics was the driving force in Antarctic glaciation. “Pangea, the ‘supercontinent,’ was breaking up. Australia was pulling away to the north, opening an ocean channel known as the Tasmanian passage.” Scientists theorized that as South America drifted away from the Antarctic Peninsula, the Drake passage opened. “This was thought to be the last barrier to an ocean current circulating the continent. This current would have deflected warmer, northern waters and served to keep the continent chilled, and the Southern Oceans cool.”

“The theory was known as ‘thermal isolation.’”

DeConto and Pollard wanted to determine how important the opening of the Southern Ocean passages actually was in the rapid glaciation of Antarctica. Among the factors they considered were: heat transport in the oceans; plate tectonics; carbon dioxide levels in the atmosphere; and orbital variation. “We wanted to know whether the opening of ocean gateways was the primary cause of the glaciation, or whether the change was due to a combination of factors,” DeConto said.

The team turned to powerful computer technology in developing the new theory. Using computer simulations, the scientists essentially recreated the world of 34 million years ago, including a detailed topography of Antarctica and the placement of the drifting continents. Topography was particularly important, DeConto explained, because “if you have mountains that lift the snow into higher elevations, you have a better chance of maintaining snow all summer. This persistence is the key factor in formation of the ice sheet.”

The team then plugged in the factors previously mentioned: plate tectonics, climate, orbital variation, and the Earth’s procession. The computer played out the scenario for 10 million years, taking into account the gradual drop in carbon dioxide in the atmosphere that is thought to have occurred in the Earth’s atmosphere during this period in Earth’s history. The scientists ran the simulation twice: “The two simulations were identical except in the second, a change in heat transport to replicate the opening of the Drake passage, to see how big an effect that gateway was.”

“This research points out the value of fundamental climate research,” said David Verardo, director of the NSF’s Paleoclimate Program, which funded the research. “In short, DeConto and Pollard have shown, by using paleoclimatic models for a distant era, the power of atmospheric CO2 to produce rapid environmental change of gargantuan proportions. Furthermore, such effects cannot be described by neat and simple regional patterns of variability.”

“Our study indicates that carbon dioxide is the critical factor,” DeConto said. “CO2 appears to be the factor that preconditions the system to become sensitive to other elements of the climate system. It was the first critical boundary and the determinant in the glaciation of the Antarctic continent.”

“Carbon dioxide is a very important knob for changing climate, and is perhaps the fundamental control,” said DeConto. “This study indicates that the Earth’s climate is rapidly being pushed into a circumstance that hasn’t existed for a very long time; we’re returning to levels of carbon dioxide that have not been seen since before the Antarctic ice sheet.” This doesn’t mean that Antarctica is going to melt in the next 100 years, he noted, “but it’s important to be aware that the CO2 levels are rising very quickly.”

Grain&Chaff

Language arts

Nancy Hall, a doctoral candidate and instructor in Linguistics, was a guest lecturer at an English department colloquium at the University of Hartford, Israel on Jan. 7. A specialist in phonology, the science of speech sounds, Hall talked about what she terms “vowel intrusion,” cases in which a native speaker clearly hears a vowel, but non-native speakers don’t and think there is no syllable.

Waves of the future

Anna Nagurney, the John F. Smith Memorial Professor in Operations Management and director of the Virtual Center for Supernetworks at the Isenberg School of Management, has been invited to speak at the “Transforming Enterprise: The First International Conference on the Economic and Social Implications of Information Technology” to be held Jan. 27-28 at the U.S. Department of Commerce in Washington, D.C. Nagurney’s paper and presentation are titled “Supernetworks: Paradoxes, Challenges, and New Opportunities.” The papers presented at the conference will be published by the MIT Press.

Suncatchers

A grove of solar-powered street lights has been installed in lot 25 across from Physical Plant. The 23 photovoltaic-powered lights are part of a “supplemental environmental project” being implemented under an agreement with the U.S. Environmental Protection Agency to promote alternative energy use.

Class act

Comcast-Spectator Ventures president Peter Luukko (center) is presented the Harold J. VanderZwaag Distinguished Alumnus Award by Carol A. Barr, acting head of the Sport Management Program, and Thomas O’Brien, dean of the Isenberg School of Management, on Jan. 12 at the First Union Center in Philadelphia. Luukko, who graduated in 1984, was recognized for his professional excellence and outstanding achievement in the sports industry and his dedication to the Sport Management Program.

The last professional

Colleagues of the late Judy Toyama (see obituary, page 9) may remember that among her many roles on campus, she was the Faculty Senate representative of the Professional Association of the University of Massachusetts at Amherst (PAUMA), the governance unit that preceded unionization in 1989. Despite the union vote, it took a few years for the senate to withdraw its official recognition of PAUMA, so Toyama dutifully attended all meetings, calling “no report,” until the association faded into history.

Top shelf


Remembering MLK

Professor John Bracey of Afro-American Studies, and professor Barbara J. Love, who chairs the Department of Student Development and Pupil Personnel Services in the School of Education, were guest speakers at Amherst’s commemoration of Martin Luther King, Jr. Day on Jan. 20.
Researchers involved in the nanotechnology research project include (from left) Anthony Dinsmore of Physics and Todd Emrick and Thomas Russell of Polymer Science and Engineering.

Researchers develop new nanotechnology processes

Elizabeth Luciano

Campus researchers have developed a series of novel techniques in nanotechnology that hold promise for applications ranging from highly targeted pharmaceutical treatments, to development of nutrition-enhanced foods known as "nutracuticals," to nanoscopic sensors that might one day advance medical imaging and diagnostics.

"The research, published in the Jan. 10 issue of Science, was funded by the U.S. Department of Energy and the National Science Foundation," said Russell.

The team included faculty members Thomas Russell and Todd Emrick of the Department of Polymer Science and Engineering, and Anthony Dinsmore of the Department of Physics, and graduate students Yao Lin and Habib Skaff, both of Polymer Science and Engineering.

"Our findings open new avenues to revolutionize technology by the controlled fabrication of nanoscopic materials having unique optical, magnetic and electronic properties," said Russell.

The study details three major findings:

A novel method to create robust capsules from nanometer-sized particles;

A new technique to make nanoscopic particles water-soluble; and

Functionalizing regions of the capsules with tailored properties, such as luminescence.

"Emrick's research explores the behavior of nanoparticles to which ligands — organic molecules and polymers — have been attached. Russell is an expert in the surface and interfacial properties of polymers, and polymer-based nanostructures. Dinsmore specializes in colloidal assemblies and interface physics.

"This is a productive collaboration in that we really have all the bases covered in terms of synthesis, understanding of interfacial activity and mediation, and the physics issues including surface tension and particle interactions," Emrick said.

The study details a new method for assembling nanoparticles into, what he terms, three-dimensional structures by encapsulating and stabilizing water droplets. Nanoparticles suspended in oil will self-assemble around a drop of water, fully coating it with a shell. Although scientists have long known that particles tend to assemble at fluid interfaces, "the idea of using liquid interfaces as scaffolds is exciting and tremendously useful since researchers can tailor or modify the nanoparticles from both sides of the interface," explained Dinsmore. "We have much more surface area to work with for adding or removing specific species."

"Nanoparticles have exciting properties due to their small size, and they can be prepared in various shapes and sizes. What’s really key is that you attach ligands that extend from the nanoparticles like hairs, in order to preserve the nanoscopic integrity of the particles and prevent them from clustering," Emrick said. "Changing the nature of these organic ligands can really modify the behavior of the particles. You can endow the nanoparticles, and thus the capsules that they form upon interfacial assembly, with a wide range of properties based on which ligands are attached."

The effect of the ligands on the interactions of nanoparticles with the surrounding environment is crucial in medical applications.

"These organic molecules will dictate the solubility, miscibility, and charge transport properties of the particles," Emrick said.

The researchers also developed a method to take these capsules, which are cell-soluble, and make them water-soluble, simply by shining light on them. "Developing nanoparticle capsules that are water-soluble has significant implications for medicine in the biosensors area," Emrick said. "Using luminescent material, as we did, could lead to advances in very sophisticated medical-imaging techniques as well as fluorescent nature of these particles allows them to be viewed and tracked over time."

Finally, the team discovered that when nanoparticles of different sizes compete for assembly at the interface, the bigger ones win, and segregate or cluster into patches on the droplet surface.

"This opens a range of possibilities for developing nanoscopic capsules that have certain properties in specific areas," said Dinsmore. "You could build in an area with permeability, magnetism, or conductivity, so that one area would be functionally distinct."  

Center to train Russian university leaders

The Center for International Education at the School of Education, a leader in international education and training, will host seven university rectors (presidents) from Russia Feb. 1-8. The seven-day training program will address higher educational administration.

This will be the second week of the training program for the rectors in the United States. Harvard University will host the first week of training.

The training program at CIE will cover topics such as curricular reform, faculty development, information technology, university governance, and distance learning. In addition to attending numerous campus seminars and learning about U.S. culture, the rectors will meet with select administrators and staff from the five area colleges.

The program is sponsored by the American Councils for International Education under a grant provided by the World Bank. The rectors hail from Mordovian State University, Tomsk State Technical University, Ivanovo State Power University, Barnaul State Pedagogical University, South-Russian State University for Economics and Services, Saint Petersburg State Technical University, and Nizhny Novgorod State University.

Mail & Distribution manager starts job

Daniel J. Fitzgibbons

It’s all in the delivery for Mail and Distribution Services, which have been united under new manager Charles Apicella.

The recently consolidated unit is expected to work closely with other Office 2 Office departments to provide more "in time" service to the campus community, according to Apicella, who started his new post on Dec. 29.

For the past nine years, Apicella was circulation director at The Recorder in Greenfield, where he was responsible for marketing and distribution of the daily newspaper. He previously held similar posts at newspapers in Connecticut and upstate New York.

With 22 staff, Mail and Distribution Services “is the smallest operation I’ve ever worked for,” says Apicella, who managed 18 employees and 40 drivers at The Recorder.

Since his arrival, he’s been getting up to speed on the organization of the campus and its various protocols and operations. He’s also been getting to know his staff in Goodwill, where his own office is located, and the Campus Distribution Services employees based at Physical Plant.

The pace on campus is also unlike the “deadline-based environment” of a newspaper, Apicella said. But while the rhythm of his new workplace is different, the tasks handled by his departments are surprising. “What has amazed me is the amount of work to be done,” he said.

Another surprise, he said, is the customer-oriented focus emphasized by his supervisor, Sam Welson, senior manager for Office 2 Office. That concept jives with Apicella’s own commitment to his clients. “Customer service is a priority,” he said. “I’m committed to improving service and making changes designed to strengthen the department with the goal of contributing to the campus community.”

According to Welson, the similar missions of Mail Services and Distribution Services made them ideal candidates for consolidation. “There are a number of overlapping managerial functions and services provided within mail and distribution, and it is sometimes difficult to determine where one service ends and the next begins,” he said.

While no major operational changes are anticipated under the merger, said Welson, “Combining the areas under one manager allows that person to have a wider focus, thereby providing improved services in both areas with fewer redundancies.”

For his part, Apicella said he’s ready to delve into the details of his new job. “I want to give my staff the tools and resources they need to do their job and then get out of their way,” he said. “I stand by my folks 110 percent. In return I expect 100 percent back from them.”
Chemistry Department head Paul Lahti examines a photo given to the department by former campus employee Michael DeCheke, who found the picture and other departmental memorabilia in a trash pile during building renovations several years ago.

Chemistry Dept. regains a trace of its history

Daniel J. Fitzgibbon

Some of the Chemistry Department’s lost heritage came home recently as a former campus employee returned a cache of old photographs he found in a trash heap a few years back.

Michael DeCheke, who worked in the Microanalysis Lab from 1984 to 1995, presented the collection of 10 framed and unframed pictures to Chemistry Department head Paul Lahti on Nov. 20.

DeCheke said he discovered the trove in a trash bin during renovations of Goessmann Laboratory in 1996. Apparently the Chemistry Department put little value on memorabilia. DeCheke held onto the collection until that year for fear that someone “would throw them away.”

A chemist by training, DeCheke was intrigued by the glimpse into the past the papers offered. He was particularly taken with an old volume written by Charles A. Goessmann, “Big Four” faculty hired at Massachusetts Agricultural College in 1869.

“Dutcht” Goessmann, the fabled founder of the Chemistry Department, Trained at Germany’s University of Göttingen, which led chemistry studies in the 19th century, Goessmann was one of the “Big Four” faculty hired at Massachusetts Agricultural College in 1869.

The group portrait shows Chemistry professor Charles A. Goessmann with seven unidentified men who may have been his students, according to department historian David L. Adams, who is studying the image for clues to its subjects and origin.

Captured by Goessmann’s “fascinating writing,” DeCheke’s delighted in the direct link back to Goessmann’s teacher, Friedrich Wöhler, who was, in turn, a student of Sweden’s Jöns Jakob Berzelius, regarded as one of the fathers of modern chemistry.

DeCheke held onto the collection until this past fall, when he was clearing out his Easthampton home in preparation for a move to the Philadelphia area and a job as a criminalist with that city’s police department.

The fragile photographs posed a challenge, said Adams. “The pictures were old and had very old newspapers inside the frames.

Rather than risking the photos to the vagaries of moving, DeCheke decided to return the images to the Chemistry Department.

“Most are recognizable to me,” said senior lecturer David L. Adams, who serves as the department’s unofficial historian. “They are portraits of old German chemists.”

Two of the photographs, however, piqued Adams’ interest. “One is a fairly nice portrait of Goessmann and the other shows Dutcht with a group of younger men, who may be his students. "The challenge," said Adams, "is to identify the location and people in the photo.”

Adams said two of the men may be MAC faculty members Joseph B. Lindsey and Charles Wellington, who also studied at Göttingen, but that more research is needed to make a positive ID.

DeCheke’s find “is relatively significant to the history of the department,” said Adams, who noted that the materials will eventually be turned over to the University’s Archives.

Free Microsoft, IBM software programs offered

Through the efforts of the Office of Industrial Liaison and Economic Development (ILED), two campus partners, Microsoft and IBM, are offering several free software programs to faculty, students and staff for the purposes of teaching, learning and research.

New products include the Microsoft Enterprise Learning Library (MELL) Version 2, which provides powerful, interactive, online software training and reference materials on key Microsoft products and technologies, including Microsoft Windows and Office. This program is being delivered free to the UM community through a special academic pilot program supported by UMass and Microsoft.

The software and information about MELL 2 can be accessed online (http://mell.oit.umass.edu).

Microsoft has also renewed the University’s subscription to the Microsoft Developer’s Network Academic Alliance (MSDN-AA) program for fiscal year 2003. Through MSDN-AA, all UMass Amherst faculty and staff continue to be eligible for free Microsoft developer tools, platforms and servers, as long as the software is used for teaching or research.

The software includes the latest versions of Visio Professional; Visual Studio Professional; Visual Basic, Visual C++, Visual InterDev; Windows, SQL, Exchange, Commerce, and BizTalk Servers; the latest desktop versions of Windows; Windows CE development tools; Beta releases of Windows XP Professional, Visual Studio.NET 7.0, Windows .NET Server; and MSDN Library references. Information on MSDN-AA and instructions on how to download free software are available online (http://msdnaa.oit.umass.edu).

The IBM Scholars Program offers faculty and researchers software, hardware and educational materials designed to help them use and implement the latest technologies into curriculum and research. The program provides accredited and approved academic members with access to a wide range of IBM products for instructional, learning and non-commercial research. Offerings range from no-charge license of IBM software (including WebSphere, DB2, DiscoveryLink, Lotus and cluster software), to academic discounts for IBM eServers, to ready-to-use curriculum. Check out the Web site (www.ibm.com/university/scholarsprogram) to get more information and register.

Faculty and researchers can apply for the IBM Scholars Program and have access to a comprehensive set of e-business software, discounts on servers; access to Linux and eSeries hubs; training and educational materials; curriculum and coursework; certification resources and special offers; technical support; and newsletters and newsgroups.

ILED can also facilitate bringing technical speakers from these and other companies to campus. Contact ILED by e-mail (iled-info@admin.umass.edu) or by calling 5-2706.

Don’t strip bar codes on recycled computers

Departments bringing old computer equipment to the Intermediate Processing Facility should not remove inventory bar codes, advises John Pepi, Solid Waste manager. The codes will be removed at the computer exchange.
Alumni Association awards 6 scholarships

The Alumni Association recently awarded scholarships to four undergraduates recognized as “Leaders in the Making” as well as two others who have been active in the Student Alumni Relations Society.

The “Leaders in the Making” program is aimed at supporting the pursuits of promising sophomores and juniors. The following four students were given $2,000 scholarships.

Baraka Abdulsalam is a junior Hotel, Restaurant, Travel Administration major from Brockton with a 3.98 grade point average. Her goal after graduation is to manage a five-star international hotel. Abdulsalam serves as secretary of the Student Government Association and is an active member of Phi Theta Kappa. She is also a volunteer for the American Red Cross Society and the Big Brother Big Sister Program.

Tazzy Kirsch is a sophomore Psychology major from Flushing, New York with a 3.72 GPA. Her aspiration is to be an industrial organizational psychologist. Kirsch is a Commonwealth College Scholar and is active in the College’s Community Service Learning Program – Citizens Scholars Program. She is a member of Psi Chi, the National Honor Society in Psychology and served as a research assistant for professor Elliott Blass. She also serves as a senator in the Student Government Association and volunteered at The B Angus Community Center in Amherst.

Alessandra Rosa is a junior Communication major with minors in Spanish and Psychology. She is from Hyde Park, Rio Piedras, Puerto Rico and holds a 3.86 GPA. Rosa is a Commonwealth College Scholar, is on the Dean’s List and is in the ALANAI Honor Society and the National Society of Collegiate Scholars. She works for the Video Instructional Program, is a member of the “Not Ready for Bedtime Players” health education troupe and was a member of the women’s crew team.

Joey Rubin is a sophomore Management major with a focus in Pre-med. She is from Yorktown Heights, New York and holds a 3.86 GPA. Rubin’s career goal is to become a pediatrician. She is a Commonwealth College Scholar and is a member of the National Society of Collegiate Scholars and of Alpha Lambda Delta. Rubin is an American Red Cross volunteer and an Americorp Member/Education Award Winner. She is also a member of the lacrosse team.

The Student Alumni Relations Society (STARS) Alumni Merit Based Scholarship recognizes a STARS member who demonstrates outstanding leadership capabilities in the society and the larger University community. This year’s recipient of the $700 scholarship is Annamaria Dalba, a sophomore in the Isenberg School of Management. The Wilmington resident has a 3.806 grade point average and is a Commonwealth College Scholar and is a member of Alpha Lambda Delta and the National Society of Collegiate Scholars. She is involved with the Isenberg School as a member of the Undergraduate Leadership Council and the Isenberg Honors Council. Dalba is also an active member of STARS and serves as one of the chancellor’s personal hosts.

Laura Klesh, a junior HRTA major from Bardonia, N.Y., was awarded the $1,000 Robert B. Collins ‘19 Student Alumni Relations Society Scholarship, which is given annually to a STARS member who demonstrates academic success and outstanding service to the group, the University and the community. Klesh has a 3.73/4.2 GPA and serves as treasurer of the Eta Sigma Delta Hospitality Honors Organization and the UMass Amherst Hotel Management Club. She is a member of the National Society of Collegiate Scholars and serves as one of the chancellor’s personal hosts.

The Friends of the Fine Arts Center host their 14th annual gala, “Winter in Paradise” to benefit the center on Saturday, Feb. 1, at 7 p.m. at the Hotel Northampton. Just as last year, the Fine Arts Center will take over the entire hotel for the evening where revelers will be able to move from room to room for feasting, dancing, bidding and entertainment. Proceeds from the gala will benefit two programs: the Billy Taylor Endowment for Jazz Education and the Angel Ticket Program, providing tickets to Tri-County residents whose financial situation would otherwise prohibit them from experiencing live performances at the FAC.

Entertainment will include Major Motion, a group that combines the soul of the Temptations and Marvin Gaye, the rhythm and blues of Earth, Wind and Fire and Stevie Wonder, and the funky dance sounds of the ’70s, ’80s and ’90s. They have performed at private functions for the Kennedy’s and Meryl Streep and have opened for the Temptations, Tower of Power, and Chaka Khan.

“Jazz diva” Sue Wigin and her quintet Wigin! Out will bring it all together in Wiggins Tavern playing the best in jazz standards for dancing check-to-check or relaxing and listening. Musicians include Brian Lecce, guitar, Jeff Virgil, sax, Matt Gianmarco, bass and Clark Seibold, percusion.

From Bach to Ellington, from Mercer to film score masters Rota and Morricone, the Archguitar Duo is unsurpassed in musical ability on the archguitar. Guitarists Peter Blanchette and Jean Chaine have been heard on “Prairie Home Companion,” “All Things Considered,” and other NPR programs. This dynamic duo will perform in the intimate surroundings of the Coolidge Cafe.

Back again after receiving rave reviews from last year’s gala, pianist Daniel Monte will play a variety of tunes from classical to Broadway as well as some of his own original compositions. In between hand sets in the ballroom the comic duo called The Will & Casey Show, including Cassandra Smith and Amherst native Will Matthews, will offer their unique brand of humor.

In the Hampshire Room, the gala auction will hold more than 100 treasures of fine arts, original creations, getaways, catered parties, vacation homes, and more from local businesses. There will also be music by up-and-coming young artists including Charity Delise on harp and 5-Alone, the award-winning a cappella jazz vocal group from the Pioneer Valley Performing Arts Charter School. Under the direction of Tony Lechiner, 5-Alone consists of Arla Berman, Hannah Goodwin-Brown, Emily Kaufman, Ian Lattell, O.J. Martori, Erin Richardson, and Rob Ventulett.

Ticket prices for the gala are $65 per person, which includes all the entertainment listed above plus a royal feast beginning with hors d’oeuvres of sushi, baked brie, crab cakes, vegetable spring rolls and more. For dinner there’s roast tenderloin of beef and smoked country baked ham, carving stations, made-to-order seafood and pasta stations, Viennese desserts and much more. Individual sponsor tickets are available at $100 and include a ticket to the event, one drink ticket and program recognition. A corporate package is available for $250 and includes two tickets, two drink tickets and a program ad. For more information on the sponsor or corporate package, call the Friends of the Fine Arts Center at 413-545-3071.

For tickets to the event, call the FAC Box Office at 5-2511.

Friends of FAC to host gala on Feb. 1

The Friends of the Fine Arts Center host their 14th annual gala, “Winter in Paradise” to benefit the center on Saturday, Feb. 1, at 7 p.m. at the Hotel Northampton. Just as last year, the Fine Arts Center will take over the entire hotel for the evening where revelers will be able to move from room to room for feasting, dancing, bidding and entertainment. Proceeds from the gala will benefit two programs: the Billy Taylor Endowment for Jazz Education and the Angel Ticket Program, providing tickets to Tri-County residents whose financial situation would otherwise prohibit them from experiencing live performances at the FAC.

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Uno and Schiffer to receive Dakin medals

The founding director of New WORLD Theater and a retired Germanic Languages professor turned select board member have been selected by the Amherst Area Chamber of Commerce to receive Dakin Medallions for distinguished service.

Ruben was recognized for her contribution to the arts, while Eva Schiffer will be honored for service to government. Under Uno, New WORLD Theater was widely recognized for developing and producing new works by minority artists and promoting cultural diversity. Uno, who also was an associate professor of Theater, stepped down last summer after 23 years to become a program officer for arts and culture at the Ford Foundation.

Schiffer, who is serving her third term on the Amherst Select Board, is a member of the Class of 1946 who returned to campus in 1955 to teach German. She retired in 1988. Before her election to the select board, she served on the town’s finance committee for six years.

The awards will be presented at the chamber’s annual award dinner on May 1 at the Lincoln Campus Center. Tickets are $40 and can be reserved by calling the chamber office at 253-0700.

A Little celebration

Senior Shideh Shafie (left) gets a congratulatory hug from her lab mentor, Chemistry student Jennifer Habink, after receiving her Henry N. Little Prize given annually to a senior in the Biochemistry Department with the highest record of academic achievement over three years of study in the program. Shafie has a 3.99 grade point average and has done research on protein folding, comparing two variants of a human protein and relating their folding to their functions.
Grant boosts efforts on ‘graying’ of faculty, dual career couples

Carol Angus Special to the Chronicle

Two of the chief challenges for higher education in the decade ahead, recent studies suggest, will come from opposite ends of the age spectrum: the growing numbers of faculty near or at retirement age whose departure will leave sub-

tantial gaps in the curriculum, and younger academic couples hoping to avoid the “commuting marriage.”

Five Colleges, Inc., has re-

ceived a grant of $60,000 from The Andrew W. Mellon Founda-

tion to address both of these criti-
cal issues in innovative ways:

first, through a carefully planned and coordinated use of joint fac-

culty placements and, second, by exploring the feasibility of a re-
gional placement service to serve academic career couples.

Demographic studies suggest that the aging of the faculty workforce nationwide will result in an unusually large number of retirements over the next 10 years. A national survey carried out three years ago by the University of California at Los Angeles, for example, pointed out that nearly a third of the nation’s full-time pro-

fessors were at that time 55 years of age or older, compared with just 25 percent at the end of the 1980s.

The number of positions need-

ing to be filled is likely to fuel competition among colleges and universities for recruiting, hiring, and even retaining younger schol-

ars. Recruiting and retention be-come even more difficult when spouses and life-partners of scholars being hired are also pur-

suing an academic career.

According to a recent article in The Chronicle of Higher Educa-

tion, approximately 40 percent of male faculty members and 35 per-

cent of female faculty members nationwide are married to academics. Many of these couples make decisions about which positions to accept and which to reject based on where they can most likely live together without sacrificing their dual-ca-

reer aspirations.

On a local level, the Five Col-

leges are similarly confronting the prospect of losing faculty to re-

tirement and coping with its con-

sequences. Last June, the Univer-

sity lost 123 faculty members to a state-sponsored early retirement incentive program.

While the colleges do not an-

ticipate anything on that scale, the age of their faculties suggests that the numbers of scholars likely to seek retirement over the next several years will be substantial and substantially larger than at any time in the recent past.

Using their many years of ex-

perience in putting cooperative practices to work for mutual ben-

efit, the Five Colleges propose collaborative approaches to both of these separate but related is-

sues. “One of the great advant-
age factors of the consortium is the opportunity it affords the member in-

stitutions to work together on big issues such as these,” observed Lorna M. Peterson, executive di-

rector of Five Colleges, Inc. “We welcome both the challenge as well as the opportunity we now have to rethink the curriculum in new ways.”

The major portion of grant funds from Mellon will be used to help create a restricted fund that can support up to six joint faculty appointments over the next five years in specific fields identified by the academic deans.

The purpose of the shared po-

sitions will be to sustain excel-

lence in existing departments dur-

ing a critical period of transition, or to build strength in new and emerging fields. Supplementing the funds from Mellon, in each of three years over the next five years, each institution has com-

mitment to contributing one half-

time equivalent position (FTE) to this pool. In addition, Five Col-

leges will designate one FTE from its endowment funds.

“The joint appointment mo-

del,” Peterson noted, “has been used successfully by the Five Col-
gleges for more than 25 years as a means to explore new fields or to encourage new forms of collabo-

ration.

During the current academic year, approximately a dozen fields have joint appointments. Each joint appointee teaches courses at all five campuses on a carefully crafted schedule agreed upon by a faculty steering committee.

“arly on,” Peterson noted, “require a high level of co-

ordination in planning curricular offerings among departments and pro-

grams across all five cam-

puses.” A request for proposals (RFP) from the Five College Board of Di-

rectors to the faculties in the fall of 2001 helped lay the ground-

work for identifying the areas in which joint appointments are to be made. The directors include the presidents of the four colleges, the executive director of the consortium, and the executive director of the consor-

tium. In their RFP, they called on departments to meet with col-

leagues from the other campuses to discuss the impact that impending retirements might have on the curriculum and urged them to con-

sider a new approach to curricular planning that would factor in co-

ordination and complementarity in making faculty appointments.

Subsequently, the Five College deans agreed to consider all re-

quests for new or replacement po-

sitions within a multi-campus con-
text and asked faculty and depart-

mental committees to do the same in making such requests.

According to Peterson, re-

sponse to the RFP has been en-
couraging. As faculty groups met during the past year to talk about individual departmental pros-

pects, these discussions, she said, “have generated some very innovative thinking about the cur-

riculum and the use of joint ap-

pointments.”

Approximately $50,000 of the grant will be used to explore and plan the creation of a mechanism to position the Five Colleges and other parts of the United States who have begun dealing with this is-

sue in some instances by con-

tracting with a local employment agency on a fee-based referral ba-

sis.

Five College officials believe that they can more effectively ad-

dress this issue by taking a shared approach geared to the unique needs of academic profes-

sionals. Specifically, they intend to explore the creation of a re-

gional “academic career network” whose services will include estab-

lishing a clearinghouse of in-

formation about appropriate posi-

tions available in the region, help-

ing faculty and spouses with professional open-

ings on the campuses, and spon-

sor opportunities for profes-

sional development for those who seek to make a transition from teaching to academic administra-

tion.

Grant funds will enable the Five Colleges in the coming year to research the potential market for such a network service and de-

velop a business plan to sustain the network long term.

Carol Angus is director of Information and Publications at Five Colleges, Inc.

Physics quizzed test knowledge of Five College bus riders

Carol Angus Special to the Chronicle

Madison Avenue, move over. Physics on the Subways, or at least on the Five College busses here locally — is up and run-

ning. Now, instead of aimlessly reading ads, riders can tease their brains awake with some down-home physics puzzlers and then go to a Web site (www.amherst.edu/~physicsqanda) to see if they got it right.

The brains behind “Physics on the Sub-

way,” or “POSTS” as the authors like to call it, are none other than two very distin-

guished physicists, both retired but clearly not retiring: John King, professor emeritus of physics at MIT, and Robert Romer, pro-

fessor emeritus at Amherst College. POSTS, curriculums, “is one small part of a grand-

ose, hopeful plan instigated by John King which like to call PHYSICS EVERYWHERE — in the cradle, on the playground, on buses, in subways, and even in a TV matchbook covers.”

All his life, Romer says, he has been “try-

ing to get people of various ages to think about physics by enjoying doing so, and this is just one way of continuing that mis-

sion.”

Borrowing the kernel of an idea from some physicists in the United Kingdom who did something similar on the London underground a few years ago (until they ran out of money), King and Romer decided to launch their dream on a manageable scale.

“We picked the idea of posting the busses as a small part of an overall plan that could really get done without too much time,” says Romer, “and the buses were in my own backyard, which is always a good place to start.”

Encouraged by his colleague, Romer, who was served as editor of the American Jour-

nal of Physics for many years before his retire-

ment, says he took charge of develop-

ing the first poster series for the Five Col-

college busses and getting up the correspond-

ing Web site.

The first poster poses a problem that physics teachers often refer to as the old “rowboat in a lake” puzzle. Two cartoon figures — a cat and a dog — are sitting shrink-

ing in a rowboat in the middle of a lake. The dog directs his friend Isaac, a cat, to “toss the anchor.” But Isaac, inclined to reflec-

tion on the consequences of his actions, says: “I wonder what will happen to the wa-

ter level when I toss it over?”

Funding for the project came from Amherst College and from Five Colleges, Inc., but Romer and King have also contributed some of their own. UMass Transit is an enthusiastic supporter of the poster campaign, too, Romer reports, and agreed to waive the usual ad fee. In fact, UMass Transit manager Al Byam was there to lend a hand in putting up the first poster, notes the appealing and changing puzzle- ures as inquiring young scientists are the handwork of cartoonist Bruce Allen.

In a letter pub-

lished in the March issue of Physi-

ic Teacher, King and Romer shared their dream of PHYSICS EVERYWHERE, envisioning that it might be-

gin “in the cradle” with an “Age Zero Physics Kit.” If it’s to become truly ubiquitous, they say, physics should also be in the kitchen: “maybe a pressure gauge over every sink, and on sugar packets” — as well in playgrounds, on subways and buses.

Note that the first poster is up on those busses. Romer and King are waiting to hear from the riders who take them up on their puzzles and get hooked on just how much fun physics can be.

The puzzle answer can be found at the Thinking About Physics Web site (www.a-

mherst.edu/~physicsqanda-Thermans.htm).
Obituaries

James Kindahl, former Economics head; at 71

Sarah R. Buchholz
CHRONICLE STAFF

James K. Kindahl, 71, of Pelham, a retired professor of Economics and former head of the department, died Jan. 15 at the Center for Extended Care in Amherst. He served the University for 31 years before retiring in 1998. He had taught previously at Johns Hopkins University in Baltimore, the University of Chicago, the University of Georgia’s Camp Gordon Center, and at Amherst College. At Amherst, he also had been chair of the economics department. One year after arriving in the department in 1967 as a visiting associate professor, he was made full professor and head of the department, a position in which he served for three years.

He was a member of the economics personnel committee on and off for a decade and consulted for businesses and institutes in the region. Early in his career, he had done market research for a Chicago firm. The author or co-author of several books, including “The Behavior of Industrial Prices,” which he wrote with George J. Stigler, he specialized in travel and tourism, particularly that in Massachusetts, intra- and international pricing issues, regional input-output analysis, and other areas of applied, usually micro-, economics. He spent a year as a guest associate at the University of Oslo in Norway.

A member of the editorial board of the Journal of Economic Literature, he served as an editorial referee of the American Economic Review, the Journal of Political Economy, the Quarterly Journal of Economics, and the Western Economic Journal. He held a bachelor’s degree, a master’s of business administration and a doctorate in Economics, all from the University of Chicago. He was a member of Phi Beta Kappa and Beta Gamma Sigma.

James Kindahl Sigma

He leaves his wife of 45 years, Grotie Kindahl, of Oak, Angeles; a daughter, Carolyn of Florence; a sister; and a grand- daughter.

Memorial gifts may be made to the Parkinson’s Disease Foundation, 710 West 168th St., New York, NY 10032-9882.

Former graduate recruiter, Judith Toyama; at 56

Sarah R. Buchholz
CHRONICLE STAFF

Judith S. Toyama, 56, a former assistant dean of the Graduate School and director of the Office of Minority Graduate Student Recruitment and Retention, was found dead at her home in Labock, Texas, Jan. 13. She served the University for 24 years before becoming assistant dean of the graduate school at Texas Tech University in 1999, where she specialized in admissions and recruitment until resigning in May 2002.

At UMass, she also had been an assistant professor of Sport Studies and a special assistant to the vice chancellor for Research and the Graduate School dean and was highly active on councils and committees all over campus, including as the representative of the campus’s professional staff organization, POMUA, to the Faculty Senate. Co-chair of the Affirmative Action Advisory Board and a member of the board of directors of the Commission for the Collegiate Education of Black and Other Minority Students, she also worked on the Civil Rights, the Human Relations Council, the Graduate Council, the New WORLD Theater Advisory Board and other campus groups.

Nationally recognized as an expert in graduate school recruitment and retention, she served as dean-in-residence at the Council of Graduate Schools in Washington DC for a year in the mid-1990s. She was a member of Phi Beta Kappa and Pi Lambda Theta, and she held a bachelor’s degree in physical education from the University of Southern California, a master’s degree in sociology of sport from the University of Wisconsin, Madison, and a doctorate in psychology from the University of Waterloo in Ontario.

She helped to found the Asian and Asian-American Women’s Network of Amherst. She enjoyed watching sports, swimming, playing tennis, cooking, sewing and knitting. She leaves her mother, Ruth Toyama of Los Angeles, and a sister. Memorial gifts may be made to the Judith S. Toyama Scholarship Fund, Office of Graduate Student Recruitment and Retention, The Graduate School, University of Massachusetts Amherst 01003.

Retired head janitor Valmore G. Guimond Sr.

Sarah R. Buchholz
CHRONICLE STAFF

Valmore G. Guimond Sr., 81, of Ware, a retired head janitor in Housing, died Jan. 11 in St. Vincent’s Hospital in Worcester. He served the University for 44 years before retiring in 1988. Also a U.S. Army Air Corps veteran of World War II, prior to his work in Housing, he worked for many years at the former Ware Shoe Company. His wife, Bertha “Betty” Guimond, died in July.

He left three sons, Richard, a supervisor of janitors in Housing Services, and Jerry, both of Ware, and Michael of Cape Elizabeth, Maine; five daughters, Gloria Doney, Michelle Jacques and Barbara, all of Ware, Sister Betty Ann Guimond of the Sisters of St. Anne in Wayland and Susan Szukat of Fort Ann, N.Y.; two sisters, and many grandchildren and great-grandchildren.

A son, Donald, died earlier.

Memorial gifts may be made to St. Mary’s School, South and Charles Streets, Ware 01082, or to Mary Lane Adult Care, 40 Chestnut St., Ware 01082.

W-2 guidelines

The University expects to have issued 2002 W-2 wage and tax statements by Jan. 24. Staff members who are responsible for the distribution of W-2s within their department should ensure that W-2s are personally handed to each employee. In the event an employee is away or has terminated employment, follow the guidelines below. These guidelines meet IRS compliance regulations and will ensure that W-2 forms reach employees in good condition and in a timely manner.

Guidelines for mailing

Any W-2 that cannot be personally delivered to an employee should be placed in metered mail no later than Jan. 31.

Before mailing, verify that the W-2s have an address preprinted on them. If you find one without an address and have the information on file, you can type this on a label and affix it to the W-2. Otherwise, return the unaddressed W-2 to the Payroll office.

A W-2 that’s being forwarded to a residence overseas should be sent in a business-size envelope marked “Air Mail.”

Requests for W-2 copies

Employees who did not receive a W-2, or who need a duplicate from 2002 or a previous year, may request copies by e-mail (hrquest@admin.umass.edu) or by contacting the Payroll Office by phone (5-3761) or fax (5-0483).

Receiving multiple W-2s

Some employees may receive more than one W-2 if a portion of their wages was subject to FICA/Medicare tax. This scenario is common for student employees who are generally exempt from FICA for the academic year but non-exempt during the summer employment period.

Spring Academic Calendar

Registration Day: Undergraduate, graduate, Stockbridge, Continuing Education Mon., Jan. 27
First day of classes Tues., Jan. 28
Last day to add or drop with no record Mon., Feb. 10
Holiday: Presidents’ Day Mon., Feb. 17
Monday class schedule followed Tues., Feb. 18
Last day to drop with ‘DR’ Graduate Mon., March 10
Spring recess begins after last class Sat., March 15
Classes resume Mon., March 24
Mid-semester date (Last day to drop with ‘W’: undergraduate, Stockbridge, Continuing Education) Wed., March 26
Counselling period begins Mon., April 14
Counselling period ends Fri., April 18
Holiday: Patriots’ Day Mon., April 21
Monday class schedule followed Wed., April 23
Last day of classes Wed., May 14
Reading period begins Thurs., May 15
Reading period ends Fri., May 16
Final examinations begin Sat., May 17
Last day of final examinations; semester ends Fri., May 23
Graduate and Stockbridge commencements Sat., May 24
Undergraduate Commencement Sun., May 25
Holiday: Memorial Day Mon., May 26
Final grades due at noon Wed., May 28

The Campus Chronicle
January 24, 2003
# 2003 SPRING HOURS

**Mondays, Jan. 27 – Sundays, May 25**

(Hours may be subject to change. Call 545-0414 for a recorded message.)

<table>
<thead>
<tr>
<th></th>
<th>W.E.B. DU BOIS LIBRARY</th>
<th>BIOLOGICAL SCIENCES LIBRARY</th>
<th>PHYSICAL SCIENCES &amp; ENGINEERING LIBRARY</th>
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<tbody>
<tr>
<td><strong>Monday–Thursday</strong></td>
<td>8:00 am – 12:00 mid</td>
<td>10:00 am – 5:00 pm</td>
<td>9:00 am – 9:00 pm (M–W)</td>
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<td><strong>Friday</strong></td>
<td>8:00 am – 6:00 pm</td>
<td>10:00 am – 5:00 pm</td>
<td>9:00 am – 5:00 pm (Th–Fri)</td>
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<td><strong>Saturday</strong></td>
<td>10:00 am – 6:00 pm</td>
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<td><strong>Sunday</strong></td>
<td>1:00 pm – 12:00 mid</td>
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<td>1:00 pm – 9:00 pm</td>
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## EXCEPTIONS & HOLIDAYS

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<tr>
<th>Event</th>
<th>Dates</th>
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<tbody>
<tr>
<td><strong>1st Week of Classes</strong></td>
<td>Jan 27–31</td>
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<tr>
<td>Presidents Day</td>
<td>Mon Feb 17</td>
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<td>Sat Apr 19</td>
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<td>Easter Weekend</td>
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<td>Patriots Day</td>
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<td>Reading Period</td>
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<td>Final Exams</td>
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<td>May 19–22</td>
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<td>Commencements</td>
<td>Sat May 24</td>
<td>Building open 10:00 am – 3:00 pm, circ. services only</td>
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<td></td>
<td>Sun May 25</td>
<td>CLOSED</td>
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## DEPARTMENT HOURS

These hours differ from regular hours and may be subject to change. Call the numbers listed to confirm the hours of specific departments.

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<thead>
<tr>
<th>Department</th>
<th>Telephone</th>
<th>Mon. – Thur.</th>
<th>Friday</th>
<th>Saturday</th>
<th>Sunday</th>
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<tbody>
<tr>
<td>Interlibrary Loan</td>
<td>545-0553</td>
<td>8:30 am – 5:00 pm</td>
<td>8:30 am – 5:00 pm</td>
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<td>CLOSED</td>
</tr>
<tr>
<td>Map Collection</td>
<td>545-2397</td>
<td>10:00 am – 5:00 pm</td>
<td>10:00 am – 5:00 pm</td>
<td>CLOSED</td>
<td>CLOSED</td>
</tr>
<tr>
<td>Music Reserve Lab (149 Fine Arts Center)</td>
<td>577-2711</td>
<td>9:00 am – 9:00 pm</td>
<td>10:00 am – 5:00 pm</td>
<td>CLOSED</td>
<td>2:00 pm – 9:00 pm</td>
</tr>
<tr>
<td>Reference Services (Du Bois Library)</td>
<td>545-0150</td>
<td>9:00 am – 9:00 pm</td>
<td>9:00 am – 6:00 pm</td>
<td>10:00 am – 6:00 pm</td>
<td>1:00 pm – 5:00 pm</td>
</tr>
<tr>
<td>Special Collections &amp; Archives</td>
<td>545-2780</td>
<td>10:00 am – 3:00 pm</td>
<td>10:00 am – 3:00 pm</td>
<td>CLOSED</td>
<td>CLOSED</td>
</tr>
</tbody>
</table>

## NOTES

Reference assistance is available on the Main Floor in Reference Services.

Music Reserve Lab Exceptions: Sun Mar 16 – Sat Mar 22: CLOSED
Sun Mar 23: 4:00 pm – 9:00 pm
Sun Mar 30: CLOSED
Sat May 10: 1:00 pm – 5:00 pm
Sat May 17: 1:00 pm – 5:00 pm
Sat May 24 – Sun May 25: CLOSED
2003 federal tax withholding changes

The Internal Revenue Service has issued new instructions for federal tax brackets and raised the personal exemption amount from $3,000 to $3,050 for 2003. This means that employees saw a slight increase in their take-home pay in paychecks issued Jan. 3. The amount of federal tax withheld from an employee's paycheck depends on the number of personal exemptions or allowances claimed on the W-4 form. In 2002, one personal exemption was equal to $115.38 biweekly, or $5,180 for 2003. 

Treasurer's Office, 100 Venture Way, 2nd floor, (5-6129).

2003 Community Tree Conference

The 2003 Community Tree Conference, “Preserving New England’s Vanishing Trees,” will be held Thursday, March 13 in Stockbridge Hall.

The one-day conference will introduce tree management techniques, arborist and landscape architects and other land managers to some of the challenges and opportuni ties facing them in the protection of vintage trees. Topics include financial evaluation of vintage trees, structural problems; pruning, bracing and cabling; soil amendments, mulches, and pest management options; and a general introduction to trees.

All proceeds are used to support out-reach and Extension activities in Arbri-caliber Environmental Communication, Inc.

The conference is sponsored by UMass Extension and the U.S. Department of Agriculture’s Forest Service’s Northeast Center for Urban and Community Forestry. The co-chairs are David Blomiarz and H. Dennis P. Ryan. UMass Extension educators and green industry professionals, the workshops will provide information on lawn care, soil management, pest control, tree and shrub care, ecological design, weed management, and other topics.

The conference will be keynoted by Leslie Sauer of Andropogon Associates, who will discuss ecosystem management, and Elaine Ingham, a national expert on the soil-food web, who will explain the role of the soil system and ways to manage its health.

The conference will include an Eco-Marketplace which will feature more than 50 vendors of products and services related to ecological landscaping and conservation. The program is co-sponsored by the Ecological Landscaping Association, UMass Extension and the New England Wildflower Society.

Pre-registration rates are $125 for Friday or $85 for Saturday only, or $185 for both days (Late Registration: $145, $110, $215 respectively). Discounts are available to businesses or organizations sending two or more registrants, and to New England Wildflower Society members. Additional registrants from the same organization pay only: Friday, $95; Saturday, $75; and all four days. All registrations must be received together. Discounts apply to early registration only. Send checks payable to ELA to:

Wheaton Center for Urban and Community Forestry, 1508 Edgewood Rd., Framingham MA 01701

For more information, contact ELA’s conference coordinator, Nancy Ashkin (at (978) 452-0100 or Kathelen Carroll, UMass Extension, at 5-0895 or via e-mail (kcaroll@umassextension.org).

WEEKLY BULLETIN
Butler named co-player of the week in A-10

Women’s basketball senior center Jennifer Butler was named the co-Atlantic 10 Player of the Week this week after strong performances against Fordham, Temple and St. Bonaventure.

In a loss to Fordham on Jan. 12, Butler netted 10 points and grabbed 12 rebounds, then in an 89-80 overtime win against Temple, the All-American candidate scored a career-high 31 points and pulled down 21 rebounds. The 31 points established a new Mullins Center record for points by a Minutewoman. The previous mark of 30 was set by Butler earlier this season against Northeastern. On Jan. 18, in a 70-48 win over St. Bonaventure at the Mullins Center, Butler scored 17 points and hauled in 12 rebounds.

For the season, Butler is second in the conference averaging 17.8 points per game and leads the nation with 14.9 rebounds per game. She had posted a double-double in 14 of the Minutewomen’s 16 games thus far and her performance against the Owls marked the third time this season that she had 30-plus points and was her fourth 20-plus rebounding performance.

Massachusetts (11-5, 3-2) returns to action this weekend with a pair of games against the Atlantic 10’s Ohio teams. On Friday, the Minutewomen play Xavier in Cincinnati and then head up the road for a game at Dayton on Sunday.

Diver Kate Allery shines in weekend swim meet

Senior diver Kate Allery was named the Atlantic 10 Women’s Swimming and Diving Performer of the Week for the week ending Jan. 19. Allery earned the honor after winning three events last weekend.

On Saturday, Allery won both the 1-meter and 3-meter diving events, posting scores of 249.00 and 285.91, respectively in the Minutewomen’s home meet against the University of Maryland-Baltimore County and Central Connecticut. Allery continued to perform well for UMass on Sunday, winning the 3-meter dive with a score of 277.43 and placing second in the 1-meter dive at 244.50 against Northeastern.

Allery has now won five diving events in UMass’ last three meets. Last week Allery won both the 3-meter (252.20) and 1-meter (226.65) diving events at the Rhode Island Invitational on Jan. 10-11. Despite Allery’s efforts, the women’s swimming and diving team fell to Northeastern, 131.50 to 108.50. The Minutewomen were led by first place finishes from freshman Aimee Bourassa and senior Kate Allery.

Bourassa won the 500-yard freestyle at 1:49.42 and placed third in the 200-yard freestyle at 2:01.24. Allery continued the 3-meter diving competition with a score of 277.43 and finished second in the 1-meter dive with a score of 244.50.

Also performing well for UMass were seniors Lizzy Boyle (Darien, Conn.) and Molly Buckley. Buckley finished second in the 100-yard freestyle at 55.10 and Boyle took second place in the 25-yard freestyle at 11.98 seconds. Buckley also tallied a second place finish in the 50-yard freestyle.

Seniors Lauren Alomar and Kate Allery also continued to perform well for Northeastern. Rowell placed second in the 50-meter freestyle at 24.93 and placed third in the 100-yard freestyle at 1:02.40.

With her performance last weekend, Allery won the 1-meter and 3-meter diving events, posting scores of 249.00 and 285.91, respectively. The senior’s score in the 3-meter dive is her best effort yet this season. The 400-yard freestyle relay team of seniors Lizzy Boyle, Catherine Getty and Molly Buckley, along with freshman Aimee Bourassa, took first place in the event with a time of 3:40.83. Bourassa also performed well in the 500-yard freestyle, taking second place with a time of 5:16.04. Buckley also finished second in the 100-yard butterfly and 100-yard backstroke.

The men’s and women’s swim teams both finished second at the Rhode Island Invitational on Jan. 11-12. The Minutewomen return to action Saturday at George Washington.

Indoor track wins 2 at Boston meet

The women’s indoor track and field team defeated Boston University and Sacred Heart, falling only to Boston College, at the New England Challenge Cup last Saturday. Sophomore Christina Huffman pacified the Minutewomen with two first place finishes, winning both the 55-meter dash (7.41) and the 200-meter dash (25.69).

Massachusetts also found victories from three other underclassmen this weekend. Freshman Ashley Creel captured first place in the high jump when she hit the 5-foot, 4-1/4-inch mark and sophomore Corinne Mathews claimed first place in the long jump at 17 feet, 1-1/2 inches. In the throwing events, sophomore Jennifer Iasiello placed first when she hit the 45 foot, 6-1/2-inch mark.

Also performing well for UMass were juniors Shannon Jackson and Chante Soares and sophomore Kay Callahan. Jackson finished second in the 55-meter hurdles at 8.67 seconds, while Soares placed third in the long jump at 16 feet, 11-1/2 inches and Callahan took third place in the triple jump at 55 feet, 1-1/4 inches.

The Minutewomen travel to New Hampshire to compete against the University of New Hampshire and Holy Cross on Jan. 25.

3 Minutemen named pre-season All-Americans in lacrosse

Three lacrosse players have earned spots on the Face-off Yearbook Preseason All-American teams. Seniors Kevin Leveille, Chris Fiore and Tom Fallon all earned spots on one of the three All-America teams.

Leveille was named to the first team after being named a second team All-American last season. Leveille also earned first team All-ECAC and All-New England last season after scoring 48 points (36 g, 12 a). The senior midfielder needs 26 points to rank in the school’s top 15 in career scoring and needs just 13 goals and 21 assists to rank in the top 15 of those respective categories. Leveille has appeared in all 44 games since arriving on campus and has scored 108 career points (71 g, 37 a).

Fiore was named to the second team after being named honorable mention All-American last season as a junior. Fiore was named to the first team All-ECAC and first team All-New England last season after scoring 46 points.

Fallon was selected to the third team, following a stellar junior year in the defensive end for the Minutemen. Last season, Fallon was named second team All-ECAC and third team All-New England. He was part of a defense that allowed under 10 goals a game, and tallied one assist on the season. He scooped up 40 ground balls, including at least two in all but two appearances.

The Minutemen are picked eighth in the Atlantic 10 Preseason Poll released Jan. 8. UMass opens the season on Feb. 22 against Sacred Heart at Garber Field.