

MOREHEAD STATE UNIVERSITY™

BOARD BRIEFS

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Board Of Regents

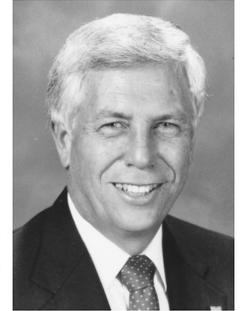
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Teresa Johnson, Student reg.
Sylvia Lovely
Juanita Mills
Helen Pennington
Charles M. Rhodes
Jerry Umberger

Upcoming Events

CPE Trusteeship Workshop
September 17-18, 2000
Homecoming
October 20-22, 2000
CPE Meeting
(on MSU Campus)
November 12-13, 2000
CPE Retention Conference
(on MSU Campus)
November 13-14, 2000
4th Quarter BOR Meeting
(TBA)
Holiday Dinner Party
Friday, December 8, 2000
Winter Commencement
Saturday, December 16, 2000
Spring Break
March 12-16, 2001
Founders Day
March 29, 2001
Spring Gala
April 28, 2001
Spring Commencement
May 12, 2001
Administrative Retreat
August 6-7, 2001

Message From The President:

By Dr. RONALD G. EAGLIN



We were thrilled by the recent announcement of the funding of the East Kentucky Appalachian Regional GEAR UP Project. For the first time, we will bring together all levels of education and the private sector to work on improving the academic skills of middle school students and hopefully achieve their eventual enrollment in postsecondary education in greater numbers.

GEAR UP stands for "Gaining Early Awareness and Readiness for Undergraduate Programs" and is funded by the U.S. Department of Education.

Working closely with our partners -- two other colleges, four local school districts and seven businesses and other private partners -- I am confident that we can make a substantial difference in the lives of these young people.

This investment of nearly \$5 million in federal funds will help support a broad-based collaboration of institutions, agencies and businesses who are committed to better preparing our youth to succeed in postsecondary education in the 21st century."

MSU's education partners in the GEAR UP project are Pikeville College and Prestonsburg Community College and the Pike, Floyd, Johnson and Martin county school districts. Businesses and other private partners who have committed college scholarships to the project include the East Kentucky Center for Science, Mathematics and Technology, Community Trust Bank, Highlands Regional Medical Center, Worldwide Equipment, Inc., Varia Family Foundation and Beech Fork Processing.

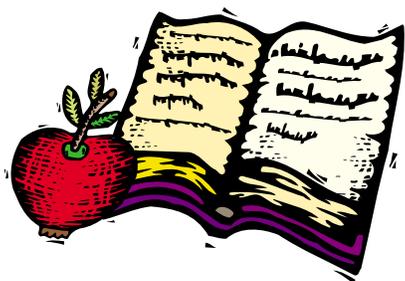
Assisting with staff and program support will be Region 8 of the Kentucky Department of Education and the East Kentucky Center for Science, Mathematics and Technology.

GEAR UP is the first major initiative of the Appalachian P-16 Council, a consortium of education at all levels which we helped establish in East Kentucky. The project will be coordinated by our Institute for Regional Analysis and Public Policy (IRAPP). In addition to our regional grant, we also will be involved in a larger, statewide grant received by the Council on Postsecondary Education.

MSU is Reading Recovery Training Site

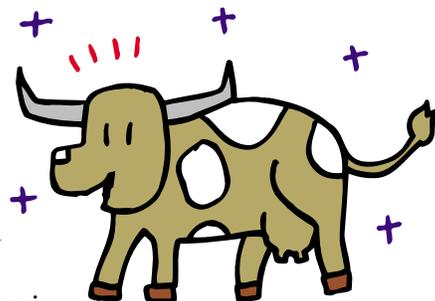
Morehead State University is now a Reading Recovery Training site. Reading Recovery is an early intervention literacy program that has been implemented in a number of schools across the state. Beginning this fall, Beverly Clarke, a Reading Recovery trainer, will be delivering the instruction to teachers in this region using our facilities. The project is in collaboration with the Collaborative Center for Literacy Development.

The Department of Elementary, Reading & Special Education held several successful workshops and academies in the late spring and summer to meet the needs of teachers in East Kentucky: Arts in Education (Dr. Karen Lafferty), Pike County Primary Reading Academy (Dr. Melinda Willis), Pike County Middle and Secondary Reading Academy (Dr. Mary Anne Pollock), Kentucky Reading Project for Region 7 (Dr. Melinda Willis), Kentucky Reading Project for Region 8 (directed by Dr. Faye Newsome from Alice Lloyd College), Workshop in Collaboration (Dr. James Knoll), and Gifted Education for Middle Grade Students (Prof. Dreama Price and Dr. Adele Moriarty).



College of Science & Technology Department of Agricultural and Human Sciences

The Department of Agricultural and Human Sciences, Kentucky Department of Agriculture, area vocational agriculture teachers, and UK faculty and extension agents conducted the first annual Kentucky Livestock Exposition-East on June 19-20, 2000, at the Derrickson Agricultural Complex. The first day consisted of clinics and judging contests for area 4-H and FFA students. The second day consisted of shows for dairy, beef, swine, sheep, dairy goats, and meat goats. A total of 319 exhibits were involved in all of the shows.



On Aug. 1, 2000, the Department of Agricultural and Human Sciences served as hosts to the State FFA Horse Judging Contest. Thirteen teams from throughout the state were involved in the contest.

On Sept. 14, 2000, the Agricultural and Human Sciences Department will join together with the UK Licking River Area Extension Agents and the Kentucky Department of Agriculture to conduct a Regional Field Day at the Derrickson Agricultural Complex.

Tours will be given from 10-noon for area 4-H and FFA students. Another set of tours will begin with registration at 4 p.m. and tours from 4:30-7 p.m. Tours of the farm will contain stops related to tobacco, livestock, fruit and vegetables, woodland and wildlife, and new ideas in agriculture. The Kentucky Department of Agriculture along with other vendors will have several exhibits and displays available for the public.

Several faculty members from the Department of Agricultural and Human Sciences have been involved with activities at the Kentucky State Fair in Louisville. Faculty members were involved with the Kick-Off Breakfast on Aug. 17 and AHS faculty have been involved with various contests and shows that have occurred during the fair.

Department of Biological and Environmental Sciences

Thomas Frazier, a senior pre-medicine student in the Department of Biological and Environmental Sciences at MSU, was one of 70 students selected from a pool of 400 applicants worldwide to participate in a research project this summer at Emory University in Atlanta. He also received an award of \$2,500 and free housing for his participation. The research was titled, "Expression of SHIV Antigens in Various Mammalian Expression Vectors." Because a direct correlation has been found between the expression level of a protein and its immunogenic ability, this study was conducted to optimize expression of antigenic genes. The objective of the research was to design and construct a series of SHIV antigenic gene-mammalian expression systems in order to analyze the effect of vector components on expression levels. The

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data provided by Western blot analysis of constructs provided vital knowledge pertaining to the construction of DNA vaccines for HIV or SIV origin.

This project led to a poster presentation competition titled, "DNA Vaccination for HIV: A Promising Future," and a general science essay. Frazier was awarded first place in the essay competition open to all 70 participants. The award included recognition at the Summer Undergraduate Research Experience awards banquet, monetary rewards and web publication.

This recognition demonstrates the outstanding quality of students at Morehead State University as they participate in national and international competitions.

The Department of Biological and Environmental Sciences has formed a liaison between Northeast Area Health Education Center and the University of Louisville School of Medicine to offer a Medical College Admission Test (MCAT) Review Course. The course, called Best MedPrep, will be offered in the spring semester of 2001 and will be offered free to all Kentucky residents from medically under-served areas and to under-represented minority students who meet income guidelines.

Unique features of the course include intensive review sessions for all major content areas covered by the MCAT, problem-based review using interactive group activities, full-length diagnostic and post-tests, test-taking hints and exam day preparation, extensive MCAT practice questions, expert faculty, and provided MCAT review books. Students enrolling in this course must meet the following basic prerequisites: minimum overall and BCPM (biology, chemistry, physics, math) GPA of 2.5, completion of or current enrollment in Organic Chemistry II and Physics II, completion of required biology courses (topics should include genetics, microbiology, cell biology, and physiology), and the students must be registered or planning to register for the April 2001 MCAT. This course will be on 13 Saturdays from January to April, and the deadline for application is Dec. 1, 2000. Information may be obtained from Paula K. Adams, NE AHEC Coordinator at (606)784-2432 or pkadams@st-claire.org. All classes will be in the BES Department in Lappin Hall, and the MSU coordinator is Dr. David Saxon, pre-medicine advisor and BES professor.

Dr. David Magrane, professor of biology at MSU, has been selected as the new chair of the Department of Biological and Environmental Sciences. He has been a member of the BES faculty since 1976, and he served as the interim chair in BES in the 1995 academic year.

The following articles have been accepted for publication:

- Dr. Carol Wymer, assistant professor of BES, had an article accepted this summer in the international plant journal, *Planta*, titled "Microinjection Reveals Cell-to-Cell Movement of Green Fluorescent Protein in Cells of Maize Coleoptiles."

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Report on sexual harassment complaints

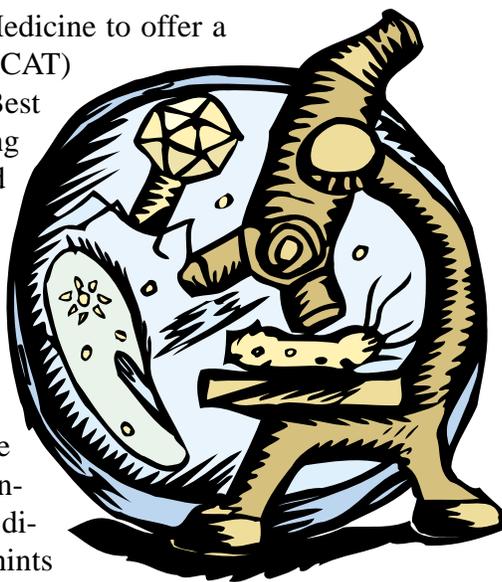
In accordance with the policy on sexual harassment (PG-6), the following is a summary of complaints for the 1999-2000 academic year. Two separate cases were investigated by Mr. Myron Doan, dean of students, and four separate cases were investigated by Dr. Francene Botts-Butler, director of multicultural student services/affirmative action officer.

Students were the complainants in four cases, staff in zero cases, and faculty in zero cases. Faculty referred the other two cases on behalf of students, but the students did not follow through on the cases.

Faculty were the respondents in two cases, students in two cases, and staff in two cases.

An informal method of resolution was utilized in all six cases, and all six cases have been resolved with no cases pending resolution.

Training was provided on several different occasions during the academic year. Academic Student Support tutors were trained at the beginning of the academic year and faculty and staff were trained in the fall and spring semesters. Training for the fall semester has been scheduled for November.





Jerry Umberger

Jerry Umberger is new MSU Regent

Jerry Umberger of Ashland, who has devoted nearly 30 years of his life to students of East Kentucky, is the newest member of Morehead University's Board of Regents.

Umberger was appointed to a six-year term by Gov. Paul Patton. He will take the oath of office at the Board's quarterly meeting on Friday, Sept. 15, on the campus of Morehead State University.

Recently he accepted an appointment to serve as interim assistant principal at PBHS for 100 days.

An Ashland native, Umberger is a three-time graduate of Morehead State University. He earned a Bachelor of Science degree in health, physical education and recreation in 1970, a Master of Arts degree in 1979, and the Rank I certification in 1989, both in secondary education.

A long-time supporter of MSU, Umberger is married to the former Mary Elizabeth (Beth) Wheeler, a two-time graduate of the University. They are the parents of two sons: Travis and Kyle, an MSU junior who has been a member of the Eagle Basketball team for two years.

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- Dr. Brian Reeder, professor of BES, had the following publication accepted: "Will Septic System Upgrades Increase Water Quality in Eastern Kentucky?" in *Waterworks*. In addition, Dr. Reeder had an article accepted with his former graduate student, Brian Binion, titled "Comparison of Methods of Measuring Water Column Production in Wetlands" in *Ecological Engineering*. Dr. Reeder also had an abstract given called "Triplett Creek Watershed Demonstration Project" (with Mike Mattox and Dave Daniels).

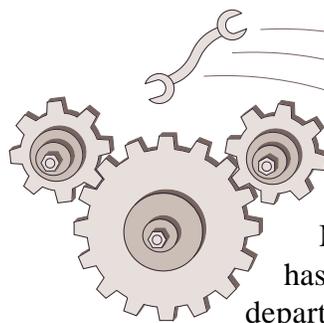
- Dr. Ted Pass, professor of BES, with other BES personnel had an abstract given titled "Assessment of Fecal Coliform in the Licking River Watershed" (with Rita Wright, Lisa Hawkins, Amy Polaczyk, and Dr. Brian Reeder).

- Dr. Darrin DeMoss, assistant professor of BES, in collaboration with Gary Wright at Marshall University had three publications accepted. They are as follows: "Analysis of Skeletal Development on the Basis of Body Mass and Bone Resorption" in *Life Science*; "Effect of Calcium Stress on the Skeletal Mass of Intact and Ovariectomized Rats" in *Life Science*, and "Evidence for Dramatically Increased Bone Turnover in Spontaneously Hypertensive Rats" in *Clinical Metabolism*.

Dr. David P. Smith, assistant professor of BES, in collaboration with Samuel F. Atkinson of the Center for Remote Sensing at the University of Texas located in Denton, Texas, had the following article accepted for publication: "Accuracy of Rectification Using Topographic Map versus GPS Ground Control Points" in *Photogrammetric Engineering and Remote Sensing*.

Department of Industrial Education and Technology

The Graphic Communications program received an E-size electrostatic plotter, computer, and blueprint machine from Palmer Engineering of Winchester. Palmer Engineering has long supported the Department of Industrial Education and Technology through talks with classes, student organizations, class



tours of their facility, cooperative experiences, and employment of our graduates. Mr. Ralph Palmer, president, is strongly committed to education. Students must show competency in math, English, and communication to secure an interview with the company. Mr. Kevin Hale, an MSU graduate and CAD and Network Administrator, has personally invested many hours working with the department through class presentations, advisory board meetings, and consultations. Last year Mr. Hale taught a class for the department.

To meet the contemporary needs of industries for advanced technical skills, the Department of Industrial Education and Technology (IET) is offering graduate and undergraduate courses in digital communication and networking. The Networking Laboratory, located in Lloyd Cassity 311, consists of 10 Pentium III 650MHz Gateway computers, three network hubs, two routers, and additional network accessories. Operating software being used in the lab includes Windows 98, Windows NT Workstation, Windows NT Server, and Windows 2000.

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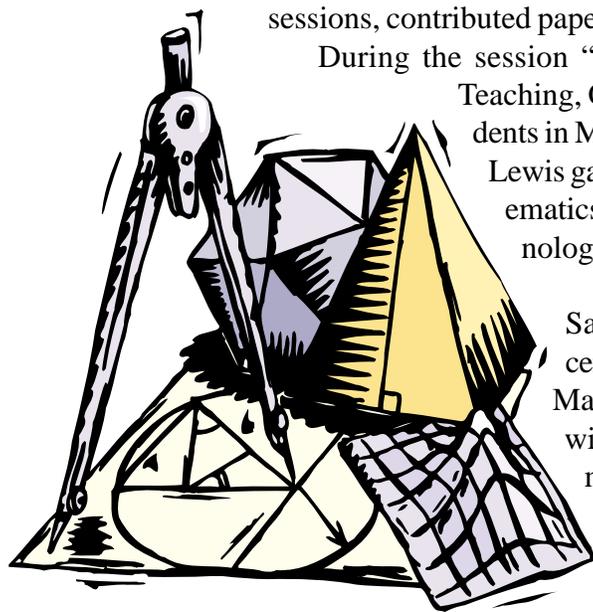
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Using training packages developed by Marcraft and Heathkit Educational Systems, students are prepared for data communication and networking occupations. During the course, students will learn various hardware and software techniques required in the networking industry. Students will also be prepared to take the Network certification exam. This industry accepted certification verifies that the technologist has the basic skills to function in the computer applications and networking environment.

Department of Mathematical Sciences

Dr. Dora Ahmadi and Dr. Kathryn Lewis, assistant professors of mathematics, attended the Mathematical Association of America (MAA) Mathfest at UCLA on Aug. 3-5, 2000. The conference included invited addresses, special sessions, contributed paper sessions, and other activities.

During the session "Mathematics Day: A Tool in Teaching, Guiding, and Encouraging Students in Mathematics," Drs. Ahmadi and Lewis gave a presentation titled, "Mathematics, Physics, and Advanced Technology Exploration Day."



Associate professors Joyce Saxon and Tom Klein each recently conducted a Middle School Math Academy as part of a statewide effort to offer middle school math teachers professional development activities. Ms. Saxon taught the Region 7 Math Academy on MSU's campus and Dr. Klein con-

ducted a similar academy for Region 8 in Hazard.

Dr. Kathryn Lewis, Assistant Professor of Mathematics, attended a conference for African American Researchers in the Mathematical Sciences (CAARMS6) June 28-30 at Morgan State University in Baltimore, Md. Dr. Lewis was an invited speaker, and her talk was titled "Toeplitz Operators and Hyponormality."

The Department of Mathematical Sciences and the Department of Industrial Education & Technology together with the physics faculty from the Department of Physical Sciences will be hosting the Mathematics, Physics, and Advanced Technology Exploration (MPATE) Day on Oct. 4, 2000, in Lappin Hall on MSU's campus. Approximately 400 sophomore, junior, and senior high school students are being invited to campus for team-based competitions in the areas of mathematics, physics, advanced technology, and technology. Teams earn points in the different events, and prizes are awarded at the end of the day.

This event has been very successful in the past in generating interest in science and mathematics and in presenting a positive image of the campus to the students.

Dr. Ahmadi has been appointed by Governor Patton to serve as a member of the Commonwealth Institute for Parent Leadership (CIPL).

Music faculty to showcase talent at recital September 26

The talent of faculty members from Morehead State's Department of Music will be presented in the Annual Faculty Showcase Recital on Tuesday, Sept. 26. This year's performance marks the 14th consecutive year of this event and as a special gift to the continuing support of our patrons to the music programs, there will be no admission charge.

The performance will begin at 8 p.m. in Duncan Recital Hall.

The faculty members and their instruments/expertise are:

Michael Acord, clarinet; Stacy Baker, tuba; Sandra Derby, soprano; Terry Durbin, violin; Amy Jones, trumpet; Jeanie Lee, trombone; David Oyen, bassoon; Raymond Ross, guitar; and Dr. Gordon Towell, saxophone; assistant professors;

Jay Flippin, keyboards; Dr. Curtis Hammond, horn; Frank Oddis, drum set; Dr. Robert Pritchard, flute; Dr. Roma Prindle, soprano; Dr. Paul Taylor, piano; John Viton, oboe, associate professors; and Larry Keenan, keyboards, professor.

Also participating will be Mary Ellen McNeill, staff accompanist, piano; Deb Eastwood, visiting artist, trumpet; and J.T. Cure, MSU junior from **Elkhorn City**, acoustic bass.

The evening's program will include a variety of music for all ages. Contributions to the Music Scholarship Fund will be accepted at the door.

Multi-media exhibit on display at MSU

An exhibit featuring the work of four artists from around the country will be on display in Morehead State University's main gallery of the Claypool-Young Art Building beginning Monday, Oct. 2.

The opening reception for "Marshutz, Blanch, Abrahamson, Loewenstein" is set for Wednesday, Oct. 4, 5-7 p.m.

A committee of MSU Department of Art faculty chose the artists-Roger Marshutz, Natalia Blanch, Mark Abrahamson and Daniel Loewenstein-for the show, which will run through Friday, Nov. 3.

From Los Angeles, Marshutz constructs portraits by using photographic images and voice recordings.

"His mixed media works give a voice to marginalized segments of our society," said Jennifer Reis, art gallery coordinator.

A native of Hyattsville, Md., Blanch records her voice reading prayers, then etches her interpretation of the sound into iron and copper. "In 'Writing of Sound,' she explores the inner resonance of sound," Reis said.

Abrahamson of Stanwood, Wash., "depicts images of water and the impact of land use on it," Reis said.

On display will be a series of aerial photographs of the Hudson River in New York. Loewenstein, an assistant professor of art at the University of Washington in Seattle, is a sculptor. "He strives to transform the mundane into objects of fascination," Reis said.

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Department of Nursing and Allied Health Sciences

Morehead State University plans to offer a new program in respiratory therapy in the Spring of 2001. The program is the product of collaboration between MSU and the Northeast Kentucky Consortium for Respiratory Care Education.

Members of the consortium include Morehead State University, Rowan Technical College, Ashland Community College, and Maysville Community College. The Consortium will provide the professional component of the program in Respiratory Therapy through Rowan Technical College. Ultimately, 30 students are expected to enroll in the class beginning in January 2001.

Morehead State University will provide a minimum of 10 students for the first class. The purpose of the program is to achieve a restoration and maintenance of cardiopulmonary health for citizens in Northeast Kentucky.

Morehead State University students will receive an

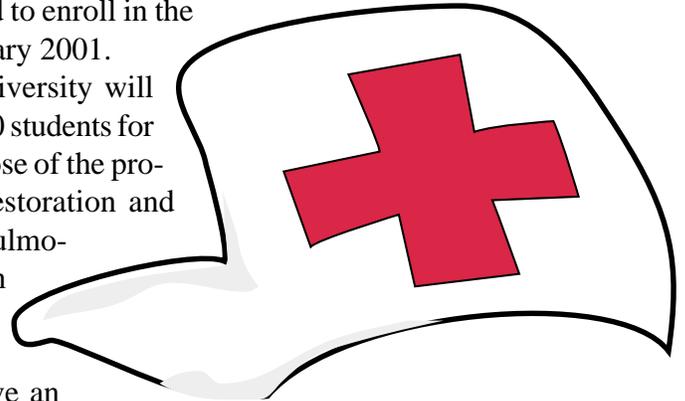
associate of applied sciences degree from the University upon completion of the program.

Dr. Janet Gross has assumed the role of coordinator of nursing programs in the Department of Nursing & Allied Health Sciences. Dr. Gross has been an active member of the Morehead State University nursing faculty for 17 years. Her practice and teaching specialty is adult health. Dr. Gross is considered a leader in nursing education whose career achievements are multifaceted, having performed many invaluable roles to the Morehead State University community. She is active in numerous professional organizations at the regional, state, and national levels. In addition to her role as coordinator of Nursing Programs, she is director of MSU's International Education Programs.

Dr. Cyrus Whaley became the chair of the Department of Nursing & Allied Health Sciences on July 1, 2000. Dr. Whaley's background in health care involves study in the radiologic sciences at the University of North Carolina at Chapel Hill and a doctor of education from North Carolina State University in Raleigh with concentrations in health policy and analysis and higher education. Before joining the faculty at Morehead State University, Dr. Whaley was a professor in the master of radiologic sciences degree program at Midwestern State University in Wichita Falls, Texas. Other academic appointments include associate professor of radiology in the Department of Oral Maxillofacial Radiology at the University of North Carolina School of Dentistry and vice chair of the Department of Diagnostic Imaging at Thomas Jefferson University in Philadelphia. Dr. Whaley replaces Dr. Betty Porter who retired in June of 2000.

The Radiologic Sciences Program has accepted a full class for the 2000-2001 academic year. This is the second class to enter the program. In preparation, the University is in the process of planning and constructing a newly

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In 1956, college students joined the community for the Rowan County Centennial parade down Morehead's Main Street.

Parade revives homecoming tradition

For Morehead State University alumni, Homecoming means cheering on the MSU Eagles at the football game, attending class reunions, reuniting with old friends and updating current and former faculty members on life events.

In years past, one of the most enjoyed homecoming events was gathering at the University Farm with members of the community and campus groups to create a beautiful float that represented your organization and the Homecoming theme, according to Darin Blackburn, university center and conference services manager at MSU.

"It's time for that tradition to return," he said. "We want to breathe new life into the campus spirit as we build strong bridges with the community."

An MSU graduate, Blackburn recalls the days when a Homecoming parade was part of the agenda: "Students worked for weeks to make their float the best. Then, joined by local bands, city and county officials, University administrators and community groups, the floats moved down Main Street where they were judged and enjoyed by hundreds of onlookers."

MSU's Homecoming 2000, with the theme "There's no place like home – coming," is slated for Oct. 19-22 on the campus. "We are proposing to return to a four-day celebration by reinstating the parade on Thursday, Oct. 18, as the official kick-off for the festivities," Blackburn said. A community pep rally at Jayne Stadium will conclude the day's activities.

The parade will only be successful if it includes the efforts of the community. "We invite all groups to participate by building a float, decorating a truck, or marching in the parade," Blackburn said. Members of the community also may support the endeavor by loaning flat bed trucks or wagons to be used for floats. Business and community organizations are encouraged to build a float or sponsor a student group to complete a float.

Nursing

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renovated, pre-clinical science, diagnostic imaging laboratory. The new facility will house a new imaging suite to include two new state-of-the-art radiography rooms and a diagnostic medical sonography facility that will provide for pre professional instruction in Ultrasound, one of the new specialty imaging areas being added to the Bachelor of Radiologic Sciences curriculum. The program in radiologic sciences expects to add one new faculty member this year to support the expanded instruction in the two new modality areas of Ultrasound and Computerized Tomography (CT).

The College of Science and Technology would also like to welcome the following new faculty:

- Charles Baker-Clark, (ABD - from Michigan State University) assistant professor of hotel, restaurant & institutional management, Department of Agricultural & Human Sciences.

- Dr. Cynthia L. Trombino, (Ph.D. - Northern Illinois University) assistant professor of biology, Department of Biological & Environmental Sciences.

- Carol Kirkland, (MSN - University of Kentucky) assistant professor of Nursing, Department of Nursing & Allied Health Sciences.

- Dr. Eric Jerde, (Ph.D. - University of California) assistant professor of geology, Department of Physical Sciences.

MSU is an affirmative action, equal opportunity, educational institution.

