

MOREHEAD STATEMENT

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Water lab first in East Kentucky

"Epidemics such as typhoid fever, dysentery and cholera are caused by bacteria transmitted by polluted drinking water.

"This makes it very important to be able to determine whether or not water is safe to drink," said Dr. Ted Pass, professor of biology at MSU.



TESTING WATER—Michael Groeschen, right, Newport senior and chief analyst, and Dr. Ted Pass, professor of biology at MSU, check water samples at the newly-established Water Testing Laboratory. The lab provides bacteriological examination of public and private drinking water supplies in Eastern and Southeastern Kentucky. Dr. Pass is the director.

He is director of the newly-established Water Testing Laboratory at MSU which is providing bacteriological examination of public and private drinking water supplies in Eastern and Southeastern Kentucky.

"We began testing water as a result of the Gateway Area Development District expressing a need for such a service in the region," said Dr. Pass.

He continued:

"Not only do we want to provide a service for the health departments in this region, but also all the public water supplies in the area as well. We will also be able to process private water supplies, such as well water, as needed, and we also hope to work with Farmer's Home Administration (FHA)."

Since establishment in July, more than 60 samples from the region have been tested at the lab.

"We've had several contacts, not only from our immediate region, but also from different sections of the state," Dr. Pass said. "So it's possible that we may be serving many of the health departments and public drinking water supply sources east of Lexington."

When testing water samples, Dr. Pass and Michael Groeschen, Newport senior and chief analyst, check for the presence of coliforms, bacteria native to the intestinal tract of mammals.

If coliforms are present, this is an indication that the water supply is being contaminated with raw sewage either from barns, outhouses, cattle or where septic tanks are being used.

Before establishment of the MSU lab, water could be tested in Frankfort and Madisonville. The MSU lab will be able to give results of samples within one week and even within 24 hours if it is an emergency. The cost per test is \$5.

"The lab meets both state and federal guidelines for water testing, and only certified personnel can conduct the tests on the water samples," said Dr. Pass. "But our students also have an opportunity to observe the procedures involved and can often simulate the operations to learn about water testing."

Additional information on the service is available from the Morehead State University Water Testing Laboratory, UPO Box 804, MSU, Morehead, KY 40351. The telephone is 606/783-3148.

4 enshrined in Alumni Hall of Fame



Barker



Turner



Wellman



Bailey

A cancer researcher, a bank president, a two-star general and a college professor recently were enshrined in Morehead State University's Alumni Hall of Fame.

Inducted were:

*Dr. Anna Barker, of Columbus, Ohio, manager of the Biological, Ecological, and Medical Sciences Department at Battelle's Columbus Laboratories. She is nationally known for her work in tumor immunology and is former chairperson of the Cancer Center Support Review Committee of the National Cancer Institute.

*Marie R. Turner of Jackson, currently president of the Citizens Bank in Jackson and a former superintendent of Breathitt County Schools. She also served as chairperson of Kentucky's Democratic State Executive Committee.

*Maj. Gen. Billy G. Wellman of Frankfort, The Adjutant General of Kentucky, the highest ranking military officer to hold a degree from MSU. The

federally-recognized two-star general is commander of the Kentucky National Guard. He was appointed by Gov. Julian Carroll in late 1977.

*Dr. Lena Bailey of Columbus, Ohio, professor and chairperson of the Department of Home Economics Education at Ohio State University. She is national secretary of the Home Economics Education Section of the American Home Economics Associations.

The Alumni Association's 1979 Public Service Award was presented to William M. Whitaker of Morehead, vice president and general manager of WMOR Radio and a former president of the Kentucky Broadcasters Association.

A. W. (Wally) Howard of Frankfort, administrative assistant to Secretary of State Drexel Davis, assumed the presidency of the Alumni Association. James Pruitt of Pikeville, an attorney, took office as president-elect.

Execs in classroom

MSU and Ashland Oil, Inc., are cooperating in an effort to give college students a better understanding of the business world.

Seven Ashland Oil executives are serving as visiting lecturers in an "executive in residence" program. They are discussing various business topics and conducting "rap sessions" in such areas as field experience programs, economic education for teachers, small business development and continuing education.

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ADC monographs begin

MSU's Appalachian Development Center has recently published the first issue of the ADC Monograph Series.

The publication, "An Analysis of Population Changes in Eastern Kentucky, 1970-2000" was authored by Dr. Gary Cox, head of MSU's Department of Geography. It focuses on recent and projected population changes in Eastern Kentucky.

Dr. Raymond S. Ferrell, coordinator of regional research at the ADC, says the series "provides a forum for creative and scholarly works concerned with the cultural, environmental and economic problems of the Appalachian region."

"All contributions which address these concerns and are regional in scope will be considered by the editorial review board," Ferrell added.

The monographs are free and available immediately.

Contributions and correspondence should be directed to the Editor, Appalachian Development Center Monograph Series, Morehead State University, Morehead, KY 40351. The telephone number is 606/783-4731.

'A day's work for a day's pay ...'

According to the customary definition of work, unless something is accomplished that can be measured, work has not been performed. This definition is accepted by physicists but is hard to apply in all fields of endeavor. One of the most difficult areas for explaining workload is in a university pertaining to faculty members. If one is a bricklayer, a workday can be measured by the number of bricks one lays. If one works in a factory, the workday can be measured by the number of pieces assembled. If one is a farmer, the workday may be measured by the number of bales of hay processed in a given period of time.

In institutions of higher education, workload is defined in terms of the number of teaching hours, such as a 15-hour teaching load if all work is on the undergraduate level or 12 hours if a faculty member teaches both graduate and undergraduate courses. This terminology is confusing because it is often interpreted to mean a college faculty member only works 12 or 15 clock hours per week. This certainly is not the case. This refers only to credit hours, and each credit hour represents approximately 15 clock hours of effort. Accordingly, a faculty member teaching 15 hours in a given semester will put in 15 times 15, or 225 clock hours in the classroom. To break this down on a smaller scale, each 3-hour course a faculty member teaches actually requires 45 hours per semester (16 to 18 weeks) in the classroom. But there are many other aspects of the workload of a faculty member which are not covered in this so-called 15-hour workload.

For example, a faculty member may serve on a committee which requires from 2 to 10 hours of service each week. A faculty member may spend another 15 to 20 hours a week in advising and counseling students. Faculty members periodically go out to regional high schools to talk with students about the career opportunities in various fields. Thus it is common for a faculty member to leave the University and be gone for a period of 8 hours—from 4 p.m. until midnight—and come back and meet a class at 8 a.m. the next day. The time commitments do not get translated into the workload and are above and beyond the assigned teaching load. In a recent survey done at Morehead State University, the actual hours put in by faculty members averaged 50 hours per week with a range of 40 to 85 hours.

Reading and research necessary for teaching require a large block of time each week. Likewise, the grading of exams and other papers usually is done at night, requiring 1 to 3 hours per day.

And, since Morehead State University is public service oriented, a faculty member may spend one or more days or nights per month providing service to Eastern

Kentucky without additional compensation or workload credit.

The workload of a professor may be broken down among the following responsibilities: 1. Teaching; 2. Study; 3. Advising; 4. Grading papers; 5. Research; 6. Service.

Thus, the life of a college professor is busy, exciting and varied. He or she is helping shape future leaders, contributing to the field of knowledge through research and helping solve some of the region's societal/economic problems.

A university must be looked at as an economic resource of the region and the state. The faculty, in effect, is a collection of experts ready to help, and the administrators are servants of those who enter the portals of knowledge.

The next time you hear that university professors only teach 15 hours we hope you will be in a position to interpret what this means and not let the false impression remain.

Our professors must have adequate time to teach, to prepare to teach, to do research, to advise, to evaluate student progress and to provide service to the region.

Campus Capsules

MSU has established a campus calendar telephone service which offers complete information on daily campus activities.

The calendar line, 606/783-4636 (INFO), includes starting times, locations and ticket information on concerts, sports events and other activities open to the public.

"Campus Calendar" is provided by MSU's Division of Public Affairs.

Dr. Michael Davis has been named dean of MSU's School of Education. A former dean of the College of Education and Human Services at Austin Peay State University in Clarksville, Tenn., Dr. Davis succeeds Dr. James H. Powell who resigned to return to full-time teaching.

Dr. Harold Rose, head of MSU's Department of Adult, Counseling and Higher Education, is spending the fall semester at the University of Tennessee as a visiting professor. He is teaching and observing adult education programs and program development activities.

Dr. John C. Philley of MSU has been named president-elect of the Kentucky Academy of Science. Head of MSU's Department of Physical Sciences, he will assume the KAS presidency in November, 1981.

Gifts & grants

- \$28,000 in original art works from the estate of Reginald Marsh.

- \$20,000 from Kentucky Council on Higher Education for educational brokerage service for Appalachian women.

- \$20,000 from Kentucky Council on Higher Education for development of nutrition education materials.

- \$24,000 from Kentucky Real Estate Commission to continue support of faculty chair in real estate.

- \$4,366 from Kentucky Humanities Council for development of county historical articles entitled "Kentucky Yesterdays."

- \$11,560 from Kentucky Bureau of Vocational Education for support of nursing program.

- \$30,487 from Gateway Community Services for operation of Head Start program for 40 students.

- \$34,177 from Kentucky Department of Education to continue support of Adult Learning Center.

- \$95,970 from Kentucky Bureau of Vocational Education to provide training and other services in vocational teacher education.



FLIGHT PREPARATION—Doug Prather, Vine Grove sophomore at MSU, prepares for his role as the MSU Fightin' Eagle athletic mascot at football and basketball games. He is the son of State Sen. and Mrs. Joe Prather.

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