Dr. Lowell Shank, Professor of Chemistry, had a gas during the Chemistry Magic Show at Hilltopper Science Days held on campus last month. He was demonstrating, by setting fire to a mound of methane gas bubbles, that the gas is flammable.

The goal of Science Days is to show kids what goes on in laboratories. A chemist doesn't go around blowing bubbles and burning them, but this shows that methane gas is a fuel, and it does get a response," (verifiable by the photo at right) says the professor, whose show is among the most popular at the annual event each September.

WKU's Ogden College for Science, Technology and Health invites high school, junior high and elementary students who have indicated an interest in science to Hilltopper Science Days, which includes displays and presentations, and even a chemistry contest with prizes awarded by the Ogden Foundation.
MELLON FELLOWSHIPS

The Mellon Fellowships in Humanistic Studies program welcomes nominations of truly outstanding seniors or recent graduates who wish to begin graduate work in preparation for a career of teaching and scholarship. Students in the traditional humanities disciplines, including history, but not the creative or performing arts, are eligible.

High grade point averages and GRE scores are not the sole measure of excellence sought. In addition to intellectual ability, the regional and national selection committees are looking for evidence of personal characteristics likely to contribute to effective teaching, including breadth of interest, liveliness of mind and spirit, and the ability to communicate.

The stipend for Mellon Fellows entering graduate school in the fall of 1996 will be $13,500, plus payment of tuition and standard fees to their graduate schools. Candidates must be initiated by a nomination from a faculty member. The application request deadline is Dec. 11, 1995. For more information, call Dick Troutman, WKU campus representative, Department of History, 745-3841.

SKY SHOWS

Hardin Planetarium on Western's campus is featuring journeys through Nov. 12.

The program features a journey of discovery around the local night sky, transporting the viewer to different locations on the earth, and speculations about other galactic civilizations and journeys to the stars. The sound track features music composed and performed by Max Robinson. Show times are Tuesdays and Thursdays at 7:30 p.m. and Sundays at 2:30 p.m. There will be no show Halloween night.

Doors open 15 minutes before show time, and all shows are free.

Dr. Richard F. Grise is Lancaster Lecturer

Dr. Richard Finley Grise, who distinguished himself in the Bowling Green and Warren County community for 46 years through the practice of surgery, will be the guest speaker at the WKU annual L.Y. Lancaster Memorial Lecture Friday, Oct. 20.

Dr. Grise's topic will be Technology and Human Values, at 6 p.m. in the Theresa Gerard Auditorium of the Garrett Center. A 5 p.m. reception in the Lobby will precede the lecture.

Dr. Grise is a Western graduate, receiving the Ogden Medal Valedictorian Award in 1941. He received his medical degree from Vanderbilt University in 1944.

He was the first chair of the Board of Trustees of HCA-Greenview Hospital.

He's a former national president of the WKU Alumni Association, and original Westerners will also recall he is the son of the late Finley C. Grise, Dean of Western.

SYMPHONY OCT. 19

The Bowling Green Western Symphony Orchestra will present its first concert of the season at First Baptist Church Thursday, Oct. 19 at 8 p.m. Featured on the program will be Christopher Norton, marimba soloist, performing works by Ney Rosauro and Daniel McCarthy. Also on the program will be one of two most popular symphonies of all time, Beethoven's Symphony No. 5. The orchestra will open the program with Samuel Barber's Overture to the 'School for Scandal.' Joining the orchestra this year is the Lindsay String Quartet, artists in residence sponsored by Chamber Music America which is funded by the National Endowment for the Arts and the Helen F. Whitaker Fund. Also supporting the orchestra through their participation are members of the music faculty at WKU.

Season and individual tickets are now being sold through Capital Arts and the Helen F. Whitaker Fund. Also supporting the orchestra through their participation are members of the music faculty at WKU.

Season and individual tickets are now being sold through Capital Arts. Adult tickets for the season are $24, and student tickets are $9. Individual tickets for single performances are $10 for adults and $5 for students.

For more information, call 502-782-2787.
The persistence of vision

By Bob Skipper, news coordinator

In society today, independence is equated with mobility. "The major symbol of mobility is the ability to drive. The loss of the ability to drive can be a devastating blow to a person's independence and a significant increase in reliance on others.

As the population of the United States continues to age, there is a heightened concern that older drivers will pose an increasing risk on the nation's highways. Researchers, led by Dr. Karlene Ball at Western Kentucky University, are looking at what factors place some older drivers at a greater risk of causing accidents and what can be done to lessen those risks.

"As a society, we have the responsibility of continuing to meet the transportation needs of a growing population of older adults," Dr. Ball said. "Simultaneously, we must recognize that driving is the preferred mode of travel among older citizens, and that the ability to drive provides the mobility that many older adults rely on to maintain their independence."

Dr. Ball, a professor of psychology, is the director of the Center of Mobility Enhancement in the Elderly, an Edward R. Roybal Center for Research on Applied Gerontology. The goal of the Center, funded by more than $4 million in grants from the National Institute on Aging, is to develop ways to allow older people to remain independent and to experience a high quality of life.

'As a society, we have the responsibility of continuing to meet the transportation needs of a growing population of older adults.'

-Dr. Karlene Ball

"Specifically, our program seeks to improve those visual, attentional and cognitive functions which decline at varying rates among older adults, and which are particularly relevant to maintaining functional abilities such as mobility and driving skills," Dr. Ball said.

"The ultimate goal of the Roybal Centers is to benefit the lives of older people by improving the quality of life, enhancing productivity and minimizing the need for care," she said.

The Roybal Center at Western collects information from subcontracted field sites at the University of Alabama at Birmingham, the Rehabilitation Institute of Chicago, Bryn Mawr Rehabilitation Institute, the University of Iowa, Washington University, Scientex Corp., Visual Resources Inc., and Johns Hopkins University.

Dr. Ball and her staff use the measure of the useful field of vision (UFOV) to predict driving performance on-the-road and in a simulator, future vehicle accidents and continued mobility. They are also studying the effects of UFOV training using the Visual Attention Analyzer.

Useful field of vision is the measure of a person's ability to visually spot objects when confronted by an array of other stimuli. Participants sit in front of a larger-than-normal computer screen and must pick out objects as they are presented against a visually distracting background while focused on a central target, much as a driver must pick out an approaching car against a background of buildings or parked vehicles.

Initial studies indicate that older drivers with greater than 40 percent reduction in the UFOV were 16 times more likely to have one of more vehicle accidents that were those with no or minimal UFOV reduction.

"These findings have important implications for developing interventions which might aid in maintaining and prolonging the skills needed to drive safely into older age," Dr. Ball said.

UFOV testing can also be used to predict those who are less likely to be involved in accidents, and may be used to challenge mandatory retirement age policies for such professions as bus drivers, said Lynn Tyndall, assistant director of Western's Roybal Center. "Age alone may not be a valid determinant in the ability to safely drive a bus," she said.

Training to improve the UFOV is yielding promising preliminary results. Participants in the Western study who have improved their UFOV through training have shown improvement in both simulated driving tasks and some aspects of on-the-road driving maneuvers.

"The training involves practice in the area of visual perception in the areas of processing speed, divided attention and selective attention when distractors make the visual array more complicated," Tyndall said.

While the useful field of vision research began with a focus on the elderly, its implications span the age spectrum.

A new study started this summer is looking at children ages 6-16 who have reading problems, Tyndall said.

Continued on page 7
About You includes professional activities such as presentations, awards, and elections to office in professional organizations.

Arts, Humanities and Social Sciences

ENGLISH
Dr. Karen Schneider presented Gloria Naylor's Experimental Poetics: (E)merging (Im)possibilities in Bailey's Cafe at the American Women Writers of Color Conference at Salisbury State University in Maryland this month.

HISTORY
Charles Bussey was among 23 faculty selected to participate in a month-long NEH Institute on the History of Medicine at the College of Physicians and Surgeons at Columbia University in New York.

Robert Dietle was one of 12 faculty from across the U.S. selected to participate in a six-week National Endowment for the Humanities Seminar on Religion and the French Revolution held at the Newberry Library in Chicago.

JOURNALISM
Corban Noble has received a certificate of recognition for service in the 1960s as a charter director of the Berea Hospital at the time it became a community organization. He was on the staff of Berea College at that time and was also editor of the Berea Citizen, weekly newspaper.

MUSIC
Michael Kallstrom and John Warren Oakes of the Department of Art staged an improvisatory performance for the Bowling Green Computer Fair held at the Kentucky Advanced Technology Center in Bowling Green last month. The performance combined line abstract computer images created on an Amiga computer, electronic sounds produced by a synthesizer, and amplified vocal sounds altered by an effects processor.

Dr. Kallstrom was guest artist/composer for two concerts in Florida where he performed his solo opera, STORIES, at Florida State University Sept. 29 and at the University of Florida Oct. 2. His compositions also were featured in a faculty recital at Florida State University Oct. 1, including the premiere of his OPERATIC DUET for saxophone, horn and piano.

Christopher Norton was a finalist in the Leigh Howard Stevens International Marimba Festival and Competition. Sixty-two applicants from 20 countries were invited to enter the competition held in August in Asbury Park, N.J.

Dr. Norton was one of five finalists selected to perform on the Grand Finale concert.

SOCIOLOGY AND ANTHROPOLOGY
A paper co-authored by James W. Grimm, The Role of Segments in an Emerging Medical Profession, was presented at the national meeting of the American Sociological Association in Washington, D.C. in August.

Kathy Kalab, Professor of Sociology, presented What Do Students Wear to Tests...and Why at the annual meeting of the Society for Applied Sociology in San Diego, CA, Oct. 14.

Business Administration

ACCOUNTING
The Department of Accounting's Beta Alpha Psi accounting honorary earned Superior Chapter designation, and Dr. Rick Aldridge has accepted two scholarships from the accounting firm of KPMG Peat Marwick on behalf of the Accounting Department's achievements.

Dr. Nace Magner has been awarded the Certified Government Financial Manager designation by the Association of Government Accountants.

Education and Behavioral Sciences

CONSUMER AND FAMILY SCIENCES
Dr. Martha Jenkins was among six educators selected in a national wide competition to participate in the Textiles and Clothing Technology Corporation-International Textiles and Apparel Association fellowship program at the National Apparel Technology Center in Greeley, N.C. The internship produced an experiential foundation from which participants can contribute to the development of research curriculum in their respective universities and the design of specific courses to meet the needs of students desiring careers in the apparel industry.

PSYCHOLOGY
Dr. Sharon Mutter has received a $99,235 grant from the National Institute on Aging to continue research begun in 1990 on aging and memory. Results of her research are being published in the Journal of Gerontology: Psychological Sciences, Aging and Cognition and Experimental Aging Research.

Finance and Administration

PUBLIC RADIO
News Director Dan Modlin and Assistant Director Jeanine Howard-Gibbs have received School Bell Awards for excellence in education reporting. Howard-Gibbs won for a special report on the educational challenges facing students with special needs, and Modlin and Howard-Gibbs were honored for coverage of the education reform challenges facing Kentucky's High Schools.

The Kentucky Education Association presents the awards to journalists who provide outstanding coverage of key issues facing Kentucky education.

Science, Technology and Health

ALLIED HEALTH AND HUMAN SERVICES
Dr. Betty Dawson has been appointed to a two-year term as board representative from the south central branch to the Kentucky Chapter of the National Association of Social Workers.


GEOGRAPHY AND GEOLOGY
Glen Conner presented Quality Control in Geological Applications at the meeting of the American Association of State Climatologists in Asheville, N.C.

Dr. Chris Groves and J. Meinert presented Can Mammoth Cave be Reduced to a Simple Equation? at the 12th Mammoth Cave Science Conference at Mammoth Cave, Ky. The two also presented Recent Results from the Hawkins River Site, Mammoth Cave, Ky. at a meeting of the National Speleological Society in Blacksburg, Va. They presented The Hawkins River Ground Water Monitoring Project, Mammoth Cave, Kentucky at the Southeast Geological Society of America meeting in Knoxville, Tenn.

Dr. Nick Crawford and Dr. Chris Groves presented Sinkholes and Groundwater Contamination Resulting from Storm Water Drainage Wells in Kentucky at the Fifth Multidisciplinary Conference on Sinkholes and the Engineering and Environmental Impacts of Karst at Gatlinburg, Tenn.

Dr. David Keeling was a lecturer for the American Geographical Society's Waterways of Western Europe study tour conducted in conjunction with the Smithsonian Associates.

MATHEMATICS

NURSING
This past summer, the Kentucky Partnership for Farm Family Health and Safety and the Nursing Department sponsored a Safety Day Camp focusing on farm safety for 100 young campers at the WKU Farm. The event was co-sponsored by Progressive Farmer Magazine, Susan Jones is regional coordinator for the KY Partnership.
Dr. Rick Aldridge and Dr. Jan Colbert, Accounting, have published The COSO Report: What It Means for Small Business in The Small Business Controller, Fall, 1995.


Dr. Catherine Carey, Economics, co-authored with Dr. Mike Webb, University of Kentucky, has had The U.S. Strategic Advertising Response to the Dollar Fluctuation and Import Competition of the 1980s accepted for publication in the January 1996 Southern Business and Economic Journal.

Drs. Nick Crawford and Chris Groves of the Department of Geography and Geology published Sinkhole Collapse and Groundwater Contamination.

Dr. Peter Johnson, Anna High, Robert Upchurch and Mike Wallace.

Note: Hot Off The Press, as the title indicates, includes recent publications by WKU faculty and staff. Send items addressed to Hot Off The Press, %On Campus, Office of University Relations.


Joe Glaser of English has had his Writer's Workbook reprinted in August by Harcourt Brace Custom Publisher. This is a workbook that originally accompanied The Writer's Handbook, written by Glaser and Jim Flynn, also of the English Department in 1984.

James W. Grimm, Department of Sociology and Anthropology, has co-authored Surgical Referrals as Evidence of a Defacato Medical Specialization, which appears in the Journal of the American Podiatric Medical Association, 85 September 1995, pp. 481-487. This is the longest non-clinical article this medical journal has ever accepted for publication.

Kay E. Fost (Eds. 1994) and Dr. Aaron W. Hughley, Educational Leadership, had Assessing the efficacy of the Training Opportunities Program for Undiscovered Potential (TOP UP) dropout prevention program for at-risk high school students accepted for publication in the KCA Journal, which is published by the Kentucky Counseling Association.

Dr. Brian Goff, Economics, has had An Assessment of Path Dependence in Collective Decisions: Evidence from Football Polls accepted for publication in the Journal of Applied Economics. Goff's book manuscript, Regulatory Instensity and Macroeconomic Performance, has been accepted for future publication by Kluwer Academic Publishers.

Dr. Robert D. Hoyt, Biology, has had The Role of Sense Organs in the Feeding Behavior of Juvenile Sole, Solea solea and Flaise, Pleuronectes platessa published in The Journal of Fish Biology.


Joe Millichap of English has Robert Penn Warren and Regionalism appearing in the recent Robert Penn Warren issue of the Mississippi Quarterly (XLVIII, 1: 29-38).

Dr. Christopher Norton, Music, has Two Movements for Timpani Duo scheduled for publication by Pioneer Percussion and November Evening for Solo Marimba by Innovative Percussion Publications. Both are releases for the Percussive Arts Society International Convention which will be held next month in Phoenix.

Dr. Thomas Noser, Economics, co-authored with Dr. Herman Manakyan, WKU, and Dr. John Tanner, University of Southwestern Louisiana, had Research Productivity and Perceived Teaching Effectiveness: A Survey of Economics Faculty accepted for publication by the Journal of Research in Higher Education, Vol. 37.


Hold on there! Who's in charge? 'Hard to tell whether Ogden College Chef, Dr. Dean Martin Houston is working or just barking orders to Assistant Academic Affairs VP Jacqueline Addington (she serving someone or getting ready to take a taste) at the annual Staff Cookout on campus. That's Dean Carl Martry of Education and Behavioral Sciences just standing by (7), next to Addington.

On Campus is published monthly.
Deadlines for material are first working day of each month.
The Personnel File

Faculty - Early Retirement With Special Tenure Status

BOWLING GREEN COLLEGE OF BUSINESS ADMINISTRATION

Accounting
Keith Gabet, June 30, 1996, Associate Professor

POTTER COLLEGE OF ARTS, HUMANITIES AND SOCIAL SCIENCES

English
Dr. Dorothy McMahon, Professor, entering full retirement

History
Dr. Drew Harrington
Dr. Francis H. Thompson

Faculty Promotions

OGDEN COLLEGE

Computer Science
Dr. Arthur Shindel, Promoted to Department Head

Faculty Retirement

OGDEN COLLEGE

Nursing
Elizabeth S. Jones, Associate Professor

Sabbatical Leaves

SCIENCE, TECHNOLOGY AND HEALTH

Chemistry
Dr. Donald W. Slocum, Professor, 1995 fall semester

Temporary - Grant Funded New Appointments

EDUCATION AND BEHAVIORAL SCIENCES

Psychology
Patsy R. Redmond, Senior

Administrative Secretary, funded by Adult Day Health Care Center grant
Training and Technical Assistance Services
Teresa Christmas, Family Service Coordinator (July through October 1995)
Sherri R. Meyer, Classroom Teacher

SCIENCE, TECHNOLOGY AND HEALTH

Chemistry
Dr. Charles W.M. Lee, Visiting Professor

Nursing
Suzanne Norwood, Instructor, funded by Perkins Vocational Education Grant

Staff Appointments

OFFICE OF THE PRESIDENT

Athletics
Ricky Boeckman, Restricted Earnings Coach
Catherine Hancock, Assistant Women's Track Coach
William Howard, Restricted Earnings Coach
Michael D. Jackson, Assistant Ticket Manager
Brian Jenkins, Restricted Earnings Coach
Philip Montgomery, Restricted Earnings Coach
Mike Settles, Assistant Football Coach
Marc Ziegler, Baseball Coach

FINANCE AND ADMINISTRATION

Accounts and Fiscal Services
Randall P. Wilson, Staff Accountant

STUDENT AFFAIRS

Residence Life
John Braddy, Assistant Residence Hall Director
Robert Evans, Part-Time Residence Hall Director
K. Ashley Means, Assistant Residence Hall Director

Student Health Services and Wellness Center
Charles Lott, Director

ACADEMIC AFFAIRS

Academic Advising and Retention
Reed C. Vesey, Academic Adviser

COMMUNITY COLLEGE

Elizabeth Rigs, Coordinator of Counseling Services

Extended Campus-Owensboro

Dr. Marilyn Brookman, Director

SCIENCE, TECHNOLOGY AND HEALTH

Agriculture
Joey D. Clark, Dairy Herdsman
Darrell W. Towe, Director of Agricultural Exposition Center

Physics and Astronomy
Dale E. Thompson, Laboratory Manager

UNIVERSITY LIBRARIES

Ruth T. Kinnersley, Educational Resources Center Coordinator
Elisabeth Knight, Extended Campus Librarian

Executive, Administrative and Professional Staff

Staff Promotions

FINANCE AND ADMINISTRATION

Public Broadcasting
Jane P. Moore, Assistant Director of Public Broadcasting

STUDENT AFFAIRS

Residence Life
Darryl Bridges, Area Coordinator
Mike Collins, Acting Area Coordinator
David Emerson, Complex Director
Juliann Glas, Complex Director

Student Health Service and Wellness Center
Elizabeth J. Green, Coordinator of the Health and Fitness Laboratory

The following personnel changes, subsequent to the Board of Regents Meeting, July 28, 1995, were approved at the Board’s meeting September 22.

Faculty Appointments

COLLEGE OF EDUCATION AND BEHAVIORAL SCIENCES

Consumer and Family Sciences
Patricia Silfies, Instructor

OGDEN COLLEGE OF SCIENCE, TECHNOLOGY AND HEALTH

Allied Health and Human Services
Dr. James Dean May, Assistant Professor

Biological Sciences
Dr. William E. Houston, Instructor

Industrial Technology
Fred O. Cori, Instructor

Nursing
Cathy H. Abell, Instructor
Rhonda Helm, Instructor

Physics and Astronomy
Dr. Simon Chen, Assistant Professor
Jennifer Wilhelm, Visiting Instructor
Dr. Ronald Wilhelm, Visiting Assistant Professor

POTTER COLLEGE OF ARTS, HUMANITIES AND SOCIAL SCIENCES

Music
Robert Harsbrough, Instructor
Dr. Scott Root, Visiting Assistant Professor
Classified Personnel

Appointments

UNIVERSITY LIBRARIES
Myra Lynn Pawley, Principal
Accounts Clerk

SCIENCE, TECHNOLOGY
AND HEALTH
Allied Health and Human
Services
Kathryn Carol McKee Senior
Departmental Secretary

STUDENT AFFAIRS

Admissions
Cecilia Ann Livingston,
Admissions Assistant
Angela Tomblin, Admis-
sions Assistant

Student Financial Assistance
Cathy J. Alewine, Financial Aid
Assistant

Promotions

FINANCE AND ADMINISTRA-
TION
Accounts and Fiscal Services
Jacqueline Pillow, Senior Teller

STUDENT AFFAIRS

Admissions
Tesa D. McKinley, Office Super-
visor

Public Safety
W. Gordon Turner, Student
Patrol Coordinator

Student Financial Assistance
Mary Jo Williams, Senior Secre-
try

EDUCATION AND
BEHAVIORAL SCIENCES

Teacher Education
Betty W. Thurman, Senior
Secretary

ARTS, HUMANITIES AND
SOCIAL SCIENCES

Government
Dreama L. Phelps, Senior
Departmental Secretary

Dr. Karlene Ball
Continued from page 3

“We have found that children
with reading problems have
similar scores on the UFOV as the
elderly who show potential
driving problems,” she said.

Since UFOV training has been
shown to improve the visual
perception of older adults, we are
researching the effects of such
training on children. Our focus
will be whether improved visual
processing skills transfer over into
the area of reading.”

Tyndall began by visiting four
area schools and expanded the
program through summer school
participants. She has 42 volunteer
participants for the study. Her
goal is 100 volunteers by this fall.

Another area of study involves
UFOV training to help those who
have suffered debilitating head
injuries. Dr. Ball feels the possi-
ibility for training and subsequent
improvements in the area of visual
perception are related issues has
definite potential.
COMING UP

October

18
Ohio Valley History Conference. Garrett Center. Dr. M.B. Lucas, 745-5736.
Advance Registration for Spring 1996 begins.

19
Bowling Green Western Symphony. First Baptist Church, 8 p.m. Call 745-3751.

20
FFA days. Tomorrow also. 8 a.m. Garrett Center. David Coffey, Agriculture, 745-3151.

University Libraries used book sale. 10 a.m.-6 p.m. through tomorrow. Sears Court, Greenwood Mall. Call 745-5263.

International Day. 9 a.m. DUC. Donna Cheshire, International Programs.


21


22
Concert. Lindsayan String Quartet. First Baptist Church. 3 p.m. Music Dept. 745-3751.

25

26
Presentation by Craven Crowell, Chairman, Tennessee Valley Authority. Grise Hall Auditorium. Contact Lana Flynn, 745-4346.

Academic Council. 3 p.m.

27

November

9

Faculty Senate. 3:15 p.m. Garrett Ballroom. Dr. Carl Kell, 745-3296.

14
International Forum. Noon. The Current Environmental Situation in Russia. Dr. Galina Riznichenko, Professor of Biophysics, Moscow State University, Moscow, Russia. Executive Room, Garrett Center. Public Invited.

Boys' Life opens onstage in Russell Miller Theatre, presented by the Department of Theatre and Dance. Admission: $5 adults, $3 students and senior citizens. Production runs through Nov. 19. Curtain time and more information, call 745-5485.

Flu Shots, as supplies last, will be given at the Student Health Service for $10, faculty and staff, on the following dates:

Oct. 18 and 20, 24, 25, 27, 31 and Nov. 1 and 3. Hours are 8:30-11:30 a.m. and 1:30-3:30 p.m.

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