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Academy of Sciences President To Give Commencement Address

Philip Handler, scientist, educator and government advisor, will give an address entitled “Science and the American Future” at WU's 119th commencement exercises Friday, May 16, in the University Quadrangle.

Handler has served as James B. Duke Professor of Biochemistry (on leave) at Duke University School of Medicine since 1961. He has been associated for some 30 years as an instructor, professor and chairman in that University's biochemistry department. He also serves as Distinguished Professor of Medical Science at George Washington University.

In government, Handler has held numerous advisory positions with various bodies within the National Institutes of Health in addition to leading important components of the National Science Foundation. He served on the President's Commission on Heart Disease, Cancer and Stroke under President Johnson, and on the President's Science Advisory Committee under presidents Johnson and Nixon.

The recipient of numerous awards and honors, Handler has lectured before some of the world's most prestigious learned societies and educational institutions. A prolific writer of papers on biochemistry and diverse speeches, he is coauthor of a textbook Principles of Biochemistry and diverse speeches, he is coauthor of a textbook Principles of Biochemistry and editor of Biology and the Future of Man and of The Life Sciences, a report published by the Committee on the Life Sciences, National Academy of Sciences. He has been decorated by the governments of Austria, Belgium and Poland.

Handler earned the bachelor of science degree from the College of the City of New York in 1936 and the doctor of philosophy degree from the University of Illinois in 1939.

WU Novelist and Poets Win Prestigious Literary Awards

Two members of the WU English Department have received prestigious awards from the American Academy and Institute of Arts and Letters in New York City. They are professors Stanley Elkin, noted novelist and short story writer, and Donald Finkel, poet-in-residence. Another St. Louis poet, Pamela Hadas, who has earned three degrees from WU and has been a member of the English Department faculty at the school at various times, was also honored by the Academy-Institute.

Elkin received the $3000 Richard and Hinda Rosenthal Foundation Award for his book The Living End, a novel published by E. P. Dutton in 1979. Finkel received the $2500 Morton Dauwen Zabel Award for his contributions as a “poet of progressive, original and experimental tendencies.” Hadas was named the first winner of the $1300 Witter Bynner Prize for Poetry. The prestigious prizes will be awarded to the three authors at ceremonies at the New York headquarters of the Academy-Institute on May 21.

Elkin was honored in 1974 by the Academy-Institute for his book Searches and Seizures, a collection of three short novels. More recently, his novel, The Dick Gibson Show, published in 1971, was adapted into a play and was produced in Edison Theatre last January after a successful run in Chicago. Searches and Seizures and The Dick Gibson Show were both nominated for the National Book Award in Fiction. Elkin is currently serving as guest editor of The Best American Short Stories For 1980, to be published in October.

Finkel's most recent work is a double-volume paperback consisting of two poems entitled Going Under and Endurance, published in 1978. The form of these two long poems (for the second, turn the book upside down) employs a collage technique which calls on a variety of verse forms and voices. Going Under deals with cave exploration; Endurance is concerned with the story of Ernest Shackleton's attempt to land a trans-
Students Study St. Louis History Through WU-Landmarks Program

Landmarks, a local organization which has waged a continuing battle to preserve the best of St. Louis architecture, and the WU Department of Art and Archaeology are cooperating on a program which promises to be mutually beneficial. Lawrence S. Lowic, WU assistant professor of art and archaeology, is spearheading the effort at the University level in collaboration with Carolyn Toft, executive director of downtown-based Landmarks.

As an initial step in this cooperative program, three WU seniors, Julia Beckett, Debra Greenberg and Sally Mandell, all art and archaeology majors, have served as student interns on a Landmarks research project in LaSalle Park this semester. Working under the supervision of Mimi Stiritz, a research associate at Landmarks, these students have spent some three hours a week delving into the history of buildings in this area through intensive investigation of old deeds and other documentary material on file at the St. Louis City Hall.

According to Lowic, two students from the School of Architecture and one art history major plan to undertake work as interns this summer. Next fall, some six or seven School of Architecture students and at least one art history major expect to serve as interns.

Lowic and Toft are pleased with their progress and hope to encourage other students to pursue such research as an ongoing project. “This independent, investigative work offers students a fabulous opportunity to develop the ability to use both primary and secondary historical sources, and to learn how to interpret such information,” Lowic emphasized. He warned, however, that such scholarly, investigative work is not easy. “One must develop the ability to endure. At first, nothing seems to make any sense, but eventually such digging does produce results,” he said.

Meanwhile, Lowic has completed plans to teach a course on “The Architectural Heritage of St. Louis” as both a day and study could help guide future dietary patterns.

WU’s approach to anthropology emphasizes that other peoples, through certain adaptations to their environment, have developed successful lifestyles without dependence on scarce, globally dispersed resources. “We can continue to benefit from learning about the world’s cultures,” Montgomery said.

“Popcorn is just one thing — we can literally go from head to foot and find things we have incorporated from other cultures.”
Wayward Particles, Global Impact
Of Pollution Studied by CAPITA

Air pollution was a local problem back when Raymond Tucker, WU alumnus, former professor and three-term mayor of St. Louis, introduced one of the nation's first smoke ordinances here to restrict the burning of coal.

That was more than 40 years ago. Now, air pollution "episodes" are an international phenomenon, and pollution particles detected in the St. Louis area often originate as far away as Chicago, Indianapolis, Nashville and Davenport. Even the Arctic Circle in its frozen isolation is no longer unaffected.

"The way in which we view air pollution has changed a great deal," observed Rudolf B. Husar, WU professor of mechanical engineering and director of the new Center for Air Pollution Impact and Trend Analysis (CAPITA).

Although opening ceremonies for the Center were held only recently, CAPITA has been in the making for the past five years. Headquartered in Bryan Hall, it consists of a clearinghouse for air pollution literature, a computerized library of pollution-related statistics, and an assemblage of interdisciplinary research projects. The Environmental Protection Agency funds the bulk of its $600,000 annual budget.

According to Husar, emissions of sulfur dioxide and nitrogen oxide—the precursor components of acid rain—have doubled in the last two decades. The products of fossil fuel combustion, these substances change into acids in the atmosphere and return to earth by means of rain or snow, sometimes causing severe ecological damage. Husar, a specialist on the long-range transport of air pollutants, has advised the United Nations and the World Meteorological Organization on ways to monitor these compounds internationally.

Another result of increasing air pollution is haziness or loss of visibility in such formerly pristine areas as the Grand Canyon, Bryce Canyon and Mesa Verde. According to Edward S. Macias, WU associate professor of chemistry and associate director of CAPITA, visibility has decreased markedly in these areas during the past three decades. The culprits are millions of tiny air particles that scatter the sunlight.

"Right now, we don't know specifically where they come from, but the particles are composed of sulfates, silicon compounds and other elements," Macias said. He is currently studying some of these particles which are collected in filters, bombarded in the WU cyclotron, and analyzed by the gamma rays they give off. Local air pollutants also are being analyzed at a monitoring station atop Louderman Hall.

Other members of the Center are WU assistant professor Noor V. Gillani and visiting professor Warren H. White, both of the Department of Mechanical Engineering, and senior research associate Janja Djukic-Husar.

Despite increasing research and literature, there is no easy solution to pollution. For example, the same sulfur particles that contribute to acid rain in the Adirondack Mountains also reduce the need for sulfur fertilizer in the Midwest farm belt.

"It's a rather delicate situation," Husar noted, "and our problems are becoming more chronic. We're in the process now of developing a broader understanding of air pollution."

Kautsky, Salisbury Mark 25 Years at WU

John H. Kautsky and Robert H. Salisbury, professors of political science who are marking this spring 25 years on the WU faculty, will be honored at two events this week by their colleagues. A panel of current and former faculty members will discuss "25 Years in Political Science" at 3:30 p.m. tomorrow, in Eliot Hall main lounge. At 7:30 p.m. that evening, the two honorees will be feted at a banquet in the Empire Room of the Chase-Park Plaza Hotel. Speakers will include Carl McClellan, WU professor emeritus of political science, and Thomas H. Eliot, former WU Chancellor. For information on the banquet, call Ext. 5810.

Six WU students, five of them candidates for the MBA in the School of Business and one, an undergraduate from the School of Fine Arts, recently presented a marketing plan for the 1980 Caprice manufactured by General Motors Corporation to a visiting team from the firm's Detroit headquarters. Their classmates in Professor Martin L. Bell's "Creative Marketing Strategy" 577 course, Prof. Richard L. Oliver's "Consumer Aspects of Marketing" 576 course, and Prof. Gene Hoefel's graphic communications course in the School of Fine Arts cheered them on. Some 15 schools are participating in this 1980 General Motors Intercollegiate Competition. An even greater number of WU juniors and seniors have produced plans that were judged to be among the top 10 percentile. Some 15 schools are participating in this 1980 General Motors Intercollegiate Competition. The presenters were (back row, left to right) Mary Wheeler and Joy Haven; (front row, left to right) Julie Manning, Richard Doanoff, Tom Smith and Milla Halperin of the School of Fine Arts. General Motors has not yet announced the results of this prestigious contest.

WU Team Places in Top Ten at Putnam

Continuing a top-notch reputation, WU students ranked among the nation's best contenders for the fourth straight year in the William Lowell Putnam Mathematical Competition.

Defeating more than 300 colleges and universities in the United States and Canada, WU emerged as one of the top 10 teams in the six-hour-long competition. An even greater measure of success, WU was one of only a handful of universities with six or more students scoring individually in the top 10 percentile.

Individual honorable mentions went to WU juniors Kevin P. Keating and Nathan E. Schroeder. Vying against 2,141 contestants, they finished 12th and 35th, respectively. Other top students among the 18 WU participants were Karl E. Narveson, Eric D. Mjolsness, Adam D. Helfer and Stephen W. Semmes.

The WU Record is published weekly during the academic year by the Information Office. Editor: Charlotte Boman (Ext. 5251). Calendar Editor: Marcia Newman (Ext. 5254). Address communications to Box 1142.
Calendar
May 2-8

FRIDAY, MAY 2
9 a.m. School of Social Work
Continuing Education Workshop,
“Short-Term Dynamic
Psychotherapy: Evaluation,
Technique and Outcome,” P. E.
Sifneos, MD, prof. of psychiatry,
Harvard Medical School and
assoc. director, psychiatric
department, Beth Israel Hospital,
Boston. Ann Whitney Olin
Women’s Building Lounge.
Continues on Saturday, May 3.
Regular tuition, $70; full-time
students, $55. For registration
information, call Ext. 6636.

5 p.m. School of Fine Arts Fashion
Show, “Concepts ’80.”
Sponsored by Stix, Baer & Fuller.
Bixby Hall Gallery. Admission
$4. (Also 8 p.m., with reception
to follow, sponsored by the
Women’s Society. Admission
$8.50.) For reservations, send
check payable to WU to Campus
Box 1209. Tickets also available
at Stix, Baer & Fuller.
Westroads.

TUESDAY, MAY 6
4 p.m. Division of Biology and
Biomedical Sciences Program,
“The Assembly of Cytochrome c
Oxidase as a Model for
Membrane Biogenesis,” Robert
Payton, MD, dept. of
microbiology, U. of Conn.
Health Center. 322 Rebovich.

4 p.m. Division of Biology and
Biomedical Sciences Seminar,
“The Induction of Cancer with
Chemicals—Some New
Approaches,” Graham Stix,
prof. of microbiology, U. of Iowa.
Medical Library Rare Book
Hall. Through May 9.

Exhibitions
School of Fine Arts Master’s
Thesis Exhibition. Opening
reception, 3 p.m., Sunday, May 4.
Messing Gallery, Country Day
School, 425 N. Warson Rd.
Mondays-Fridays, 8 a.m.-4 p.m.
Through May 17.

The Institute of Architecture and
Urban Studies Exhibition on the
work of Ivan Leonidov (1902-
1959), Russian visionary
architect. This is the first U.S.
exhibition on Leonidov. Givens
Hall. Through May 9.

Medical Library Rare Book
Exhibit of recent acquisitions.
Medical Library Annex, 615
Taylor. Mondays-Fridays, 8:30
a.m.-5:30 p.m. Through June 30.

Sports
FRIDAY, MAY 2
2 p.m. Baseball Doubleheader,
WU vs. Westminster College, Utz
Field.
3:30 p.m. Men’s Tennis, WU vs.
Westminster College, WU Tennis
Courts.

SATURDAY, MAY 3
9 a.m. Men’s Tennis, WU vs.
Princetopia College, WU Tennis
Courts.
2 p.m. Men’s Tennis, WU vs.
Quincy College, WU Tennis
Courts.

Music
SUNDAY, MAY 4
4 p.m. WU Orchestra, conducted
by James Sedaes. Graham
Chapel.

Performing Arts
SUNDAY, MAY 4
7 p.m. Hillet Theater
Presentation, “Seagull,” by
Anton Chekhov. Produced and
directed by Ilya Nayahin. Hillet
Foundation, 6300 Forsyth.
Admission, $4; students, $2.50;
Hillet members, $2. (Also 7 p.m.,
Monday, May 5, Hillet.)

Films
TUESDAY, MAY 6
3 p.m. Asian Art Society of WU
Film, “Eirei-Tachi No Oenka”
(The Last Game), directed by
Kihachi Okamoto. Okamoto and
film score composer Masaru Sato
will discuss the film after the
showing. Tivoli Theater, 6350
Delmar. General admission $2,
students with ID $1.

Awards—continued from p. 1
continental expedition on the coast of Antarctica and his ordeal
after the ship was destroyed. Finkel plans to publish a new

Hadas is scheduled to have a new book of poetry, In Light
in Genesis, published soon. Other recent words by Hadas are
Designing Women, and Marianne Moore: Poet of Affection.
Poems by Hadas have been published in many magazines and
journals including Poetry, Poetry Northwest, Malahat Review.
Hadas’s play, Mother’s Day, was produced as a staged reading
in Edison Theatre last fall.

Landmarks—continued from p. 2
an evening course in the fall. It will provide “a general introduc-
tion to the urban development of St. Louis and its architec-
tural monuments. While the course will seek to assess the rela-
tionship of St. Louis to a broader pattern of national concerns,
it will also attempt to demonstrate the city’s distinctive values
and unique accomplishments as well.”

Next spring, Ruth Bohan, a Mellon Fellow who earned her
doctorate in American studies at the University of Maryland
this year, will teach a course in tandem with David T. Konig,
WU associate professor of history, on “The Family and
Domestic Architecture in the 19th Century.”

Lowic added that next spring, the Department of Art and
Archaeology and Landmarks are planning to present a sym-
poium on St. Louis architecture, designed to educate and
heighten the awareness of St. Louisans to the richness of this
city’s architectural heritage.

An exhibition on “Lost St. Louis” is being considered for
the fall of 1981. Lowic hopes it will be mounted in the WU Gal-
tery of Art. This event will feature a photographic display com-
plete with a lengthy catalogue prepared by Lowic and some dis-
tinguished collaborators.

U. College, Summer School Offices Move

The offices of Admissions
and of Student Services for
University College and the
Summer School have left their
South Brookings offices and
are now open for business in
Room 10 (lower level) of
January Hall. Both offices
open at 9 a.m. on weekdays,
and close at 8 p.m. Monday-
Thursday, and at 5 p.m. Fri-
day.

The Center for the Study of
Data Processing will take over
the Admissions and Student
Services’ former offices in 100
South Brookings early in
May. The Dean’s Office will
move to Room 100 January
Hall a few weeks later.

The Personnel Office would
appreciate the assistance of
deans, directors and depart-
ment chairmen in seeing that
material on the Revised
Group Life Insurance Plan,
recently distributed through
the Campus Mail, be forwarded to faculty and
employees on leaves of
absence for their immediate
attention.

Yearbook on Sale
At Bookstore

Quadrangles ’80, this year’s yearbook, is now on sale at
the Campus Bookstore. The innovative Quadrangles is the
first annual in 75 years to adopt as its title a name other
than Hatchet. This is also the first time that a yearbook has
been published in the spring rather than in the fall. Quadr-
grangles was edited by Debo-
ratie Schick and was sup-
ported with funds from Stu-
dent Union.