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Ashley’s multi-media comic opera, ‘Atalanta,’ at Edison

Robert Ashley, a pioneer in American experimental music, will present his modern comic opera, ‘Atalanta,’ at 8 p.m. Friday and Saturday, Dec. 5-6 in Edison Theatre. The production is touring under the auspices of the Mid-America Arts Alliance.

Both electronic wizardry and old-fashioned storytelling play a part in composer Ashley’s multi-media opera, which is based on the story of Atalanta, the beautiful athlete of Greek mythology. Atalanta’s character is evoked by a trio of men who represent potentially successful suitors, their worthiness based on their status as “artistic outlaws.” Those men, surrealist painter Max Ernst, jazz pianist Bud Powell and storyteller Willard Reynolds, “stood apart from their society by virtue of their genius,” Ashley says.

The nine-member cast includes Ashley, “Blue” Gene Tyranny on electronic keyboard, vocalist Tom Buckner from Roscoe Mitchell’s “Space” ensemble, and veteran jazz percussionist Big Black, a former musician with Dizzie Gillespie.

The production includes the use of high technology, including film and video. Improvisation plays a large roll in both the speech and music of the opera. Ashley says the people on stage actually create their own characters and each performance is vulnerable and original. The sound, determined by the material used by the light-and-sound designer, is mixed during the performance.

Ticket prices for “Atalanta” are $15 to the general public, $10 to faculty/staff and senior citizens and $7 for students. For more information, call the box office at 889-6543.

Trade/investment in China topic of seminar

Trade and investment in China will be the topic of an executive seminar on Thursday, Dec. 4, sponsored by the International Affairs Program of University College. The event, titled “China Trade and Investment: Strategies for Success in 1987,” will feature presentations by several Chinese trade experts. It is open to the public.

The seminar will begin at 8:45 a.m. and continue throughout the day in Room 101, the executive education suite, at Simon Hall.

The cost for the seminar, which includes a luncheon provided by Richard Perry-Caterers, is $150. Reservations are requested by Friday, Nov. 28. To register, call Jane Smith, assistant dean of University College, at 889-6727.

Loeb elected president of Cancer Society

Virgil Loeb Jr., M.D., professor of clinical medicine at Washington University, was elected president of the American Cancer Society at its annual meeting of the board of directors Nov. 8 at the Waldorf-Astoria Hotel, New York, N.Y.

Loeb succeeds Charles A. LeMaitre, M.D., of Houston, who served as the society’s president for the 1985-86 term.

During his tenure as president, Loeb plans to stress a message of hope concerning cancer. “Half of all cancer patients today are being cured,” said Loeb. “We have made remarkable progress during recent decades in detecting and treating cancer and in the understanding of the biology of cancer, as well. Evidence seems to indicate that we have even greater prospects to prevent cancer by making careful choices in our lifestyles. For example, by choosing wisely what we eat, and choosing not to smoke, we reduce our risk of cancer considerably.”

“We in the American Cancer Society call such choices ‘Taking Control,’ and we have designed a program by that name to guide people in making value-wise decisions relating to cancer risk. Urging Americans to take control of their lives by making educated choices in cancer detection, treatment and prevention will be our message during the year to come.”

Loeb has been associated with Washington University for more than 40 years. He received his medical degree from the University’s School of Medicine in 1944. After internships, a fellowship and residency at hospitals in Missouri and Connecticut and a traineeship with the National Cancer Institute, he returned to the University in 1950 as a Damon Runyon Research Fellow in Hematology. He was appointed an instructor in medicine in 1951, and following a varied and outstanding teaching career, became professor of clinical medicine at Washington University in 1978. Loeb is also in the private practice of hematology and medical oncology in St. Louis.

He is a member of the Board of Scientific Counselors of the Division of Cancer Prevention and Control of the National Cancer Institute and of the Institute of Medicine of the National Academy of Science. Loeb also has served on numerous committees of the American Cancer Society and other organizations. He joined the National board of directors of the society in 1979, and is a former president of both the ACS Missouri Division Board and the St. Louis Unit Board.

His professional memberships include the American Board of Internal Medicine, the American College of Physicians, the American Association for Cancer Research and the American Society of Clinical Oncology.

Inman highlights workshop on communications systems

Retired Adm. Bobby R. Inman, the high-profile and outspoken leader of the U.S. effort to meet the Japanese “fifth generation” challenge of global computer supremacy, highlights the program of a Midwest Workshop on Communications Systems this Thursday and Friday, Nov. 20 and 21.

About 80 computer scientists, engineers and students whose interests include communications systems, as well as business managers whose companies compete in the communications sector are attending the workshop on digital communications networks. Workshop sessions will be held in John E. Simon Hall.

Inman, former deputy director of the CIA, recently resigned as president and chief executive officer of Microelectronics and Computer Technology Corp. (MCC) in Austin, Texas. Recruited for that post by computer industry leaders, Inman says America’s computing progress problem is not a lack of ideas, but a lack of industry response to ideas. His chore at MCC is finished, says Inman, and a new leader should shift the corporation to product development. His presentation at a dinner Thursday night will center on those views.

Workshop hosts are Washington University’s Department of Computer Science and its campus-wide computing network office. Sponsors include the Institute of Electrical and Electronic Engineers, Southwestern Bell Telephone Co., Digital Equipment Corp., American Telephone and Telegraph and United Telecom. Representatives of each, along with faculty from Washington, Yale, Columbia and Stanford universities, and the universities of Maryland and the Midwest will participate in the lectures and discussions spanning the two days.

For more information, contact Kathryn Atipin at 889-4556.
Men’s, women’s basketball teams return to action this weekend

After the inception of women’s basketball in 1975 and the return of men’s basketball in 1981, both programs have had time to mature and become consistent winners at the Division III level. Now, as the two teams prepare for the MIT Coed Classic this weekend in Boston, the 1986-87 outlook for both teams could be the brightest since the sport found its way back to the Hilltop campus.

Led by All-South first team player Kevin Suiter, a junior from the campus.

team returns all five starters from last year and was responsible for a 14-6 team and three returning point scorers.

Among the returnees are the

Bears top two scorers, Jacquie Welk.

Junior Paul Jackson, a starter for the Bears, returns to action Nov. 21 and 22, when the Washington University’s men’s and women’s basketball teams open their 1986-87 season at the MIT Coed Classic in Boston, Mass.

Athletic hours during break

Washington University’s Athletic Complex will be closed Thursday, Friday, Nov. 27-28, for the Thanksgiving holiday. The complex will close at 6 p.m. on Wednesday, Nov. 26, and reopen at noon on Saturday, Nov. 29. On both Saturday and Sunday, the complex will be available for use from noon to 5 p.m.

Hours for the following recreational areas are:

- Millstone Pool: 2 to 5 p.m., Saturday and Sunday; and 2-6:45 a.m. to 6 p.m. on Wednesday and noon to 5 p.m. on Saturday and Sunday.

All other activity areas will be open during general building hours. The complex returns to its regular schedule at 6:45 a.m. Dec. 1.

Hands-on learning

Novel law courses here are altering legal education

The final negotiation session was becoming heated. Terry James’ attorney and the lawyer for Valley Marine

Burgers, didn’t reach an agreement out of court.

After financing James’ purchase of a Chrysler van, the bank repetitively repossessed it, sued James when he missed payments. James countersued, claiming the van was a “lemon” and that its defects caused him to have an accident.

Negotiations for the case did not occur in an attorney’s office. Instead, the locale was a coffeehouse in the Washington University School of Law, where third-year students enacted a simulated James case as part of a course titled “Pre-Trial Practice and Procedure.”

“Students, one of the first of its kind in the country, students practice typical pre-trial phases, including conducting investigations, drafting documents, and interviewing clients and witnesses. They are led and critiqued by local attorneys, judges and full-time faculty of the law school’s Clinical Legal Education Program.

The course, developed by Karen L. Tokarz, L.M., director of the clinical program and associate professor, typifies the law school’s leadership in lawing skills courses and its commitment to integrating empirical, hands-on learning with traditional teaching. Across the country, many law schools are doing the same in a quiet revolution that is gradually altering the makeup of legal education.

Legal educators and administrators have been tackling the issue of practical, theoretical training since the 1970’s, when Chief Justice Warren Burger criticized the skills of lawyers in American courtrooms. They filed too many lawsuits, refused to settle negotiable cases, and often weren’t prepared for trial, he complained.

The lawyers responsible for Burger’s list of complaints had been educated in tradition-bound schools that focused entirely on study of the law’s development and of case law established by judicial decision.

Burger’s remarks spurred a nationwide outbreak of courses and programs emphasizing applied lawyering skills, especially in trial practice. But Washington University in 1982 went a step further by developing its popular pre-trial course.

A law firm that less than 10 percent of all lawsuits ever go to trial, we determined that the key to improving the competency of our graduates was to focus on the pre-trial stage,” says Tokarz. “If this stage is handled well, only cases that are absolutely unegotiable will ever go to trial.”

Washington University also is among the schools integrating ‘clinical’ teaching techniques, such as simulated lawsuits, with traditional classroom courses. And skills-oriented courses in corporate, probate and land-use law have been added. “Students learn how to practice law in an integrated environment,” says Tokarz.

Robert J. Gryzmala, J.D., a 1982 Washington University law school graduate who took clinical courses, agrees.

“Schools that don’t blend the two approaches are not adequately preparing students for legal careers,” says the associate in the St. Louis law firm of Coburn, Croft & Putzella. “If your trainees, if you’re teaching pre-trial court opinions, you’re not ready for all the other work involved in day-to-day ‘lawing’,” says Gryzmala, an adjunct professor at the law school.

Rhonda Copelon, L.L.B., associate professor of law at the City University of New York (CUNY) Law School at Queens College, believes classes that mix theory with experience are essential. “Not only are students taught the core of the legal system. They become aware of their strengths and weaknesses. The result is more insightful lawyers.”

“A lot of students want to be Perry Mason but they don’t know what the role entails. Students get to survey law from the initial client contact through the appellate level. Through this knowledge, they map out their careers.”

—Karen L. Tokarz

Moreover, Tokarz says the practical-knowledge students gain in clinical courses helps them better understand their traditional classroom courses and define career directions earlier too by sampling various areas of law in clinical courses.

“A lot of students want to be Perry Mason but they don’t know what the role entails,” says Tokarz. “Students get to survey law from the initial client contact through the appellate level. Through this knowledge, they map out their careers.”

In the legal education program, students can choose from externship courses in general civil litigation, federal civil and criminal prosecution, small claims court, and employment rights. Some 60 percent of third-year students learn lawyering skills first by working in St. Louis law offices under the supervision of field attorneys and full time clinical faculty. Other options are the school’s congressional clinic in Washington, D.C., and the judicial clerkship of the law — they learn how to conduct client interviews, draft documents and organize cases.” comments the 1981 law school graduate. “It was great.”

Carolyn Sanfdl

The Washington University Record will not be published during the week of Thanksgiving. The next issue will be Dec. 4. The Record staff hopes our readers have a healthy and bountiful Thanksgiving.
Karen L. Brock, Ph.D., adjunct assis-tant professor of art history, pre-sented a paper titled "The Shogun's Picture Contest" Oct. 30 at the Det-troit Institute of Arts. The occasion was three-day symposium in com-junction with their current exhibit-ion, "Of Water and Ink: Muroumachi Period Paintings from Japan, 1392-1568." In addition, she trans late- ted to an audience of Japanese and served as an adviser to the exhi-bition.

Ronald C. Freidwal, Ph.D., asso-ciate professor of mathematics and director of the National Faculty schol-arship Program, held an Oct. 12-15 meeting of the Association of University Summer Sessions in Miami, Fla. At the meeting, 45 deans and directors of the largest summer schools in the country noted changing trends in academia. The University's summer school office was one of several hosts for the Nov. 6-9 annual meet-ing of the North American Associa-tion of Summer Schools at the Clinton Hotel in Atlantic City. Ap-proximately 180 summer school repre-sentatives from across the country at-tended the St. Louis meeting.

John E. Garganico, Ph.D., professor of archaeology and literature, was awarded a Fulbright fellowship to lecture at the University of Turin in Montevideo, Uruguay, last summer. While there, he lectured on the poetry of Samuel and Philip Levine and the Lyricism of Latin American poetry. He also presented lectures on the poetry of Carlos Fuentes, Alvaro Mutis and Jorge Luis Borges.


Orland Johnson, Ph.D., professor of music, and Udo Kultermann, Ph.D., professor of music, and recently have been reappointed to three-year terms as faculty members of the National Society of Human-ities, Arts and Sciences.

Charles L. Leven, Ph.D., professor of economics, presented a lecture Oct. 25 on "Regional Development in a Post-Industrial World" at the Puerto Rico Economic Development Administration in San Juan. On Oct. 24 he conducted a seminar on "Changing Techniques of Regional Analysis" at the Government Devel-opment Bank. On Oct. 25 and 26 he served as part of the bank's delega-tion to the 60th session of the Inter-American Development Bank. The conference was held at Casa De Republic. Campo, La Romana, Dominican Republic.

J. Otto Lottes, M.D., assistant pro-fessor of surgery and director of the School of Medicine, was pre-sented with the highest honor, Dis-tinguis hed Service Award, by the Alumni Association of the University of Missouri-Columbia (UMC). Among

the long list of awards Lottes has re-ceived from UMC are the Citation of Honor from the School of Medicine Alumni organization and the Faculty Alumni award. The new Health-Science Library at UMC bears his name.

Aimee J. Luebben, instructor in the Department of Preventive Medicine and Public Health, presented two pa-pers: "Software Analysis for Educa-tion in the Health Sciences," at the Second Annual Computer Technology/Special Education/Rehabilitation Conference, held Oct. 17 in Northridge, Calif. The event was sponsored by California State University at Northridge.

Bruce L. McClennan, M.D., professor of radiology and Mallinckrodt Insti-tute of Radiology, was elected presi-dent of the Greater St. Louis Society of Radiologists, and G. Isabel Nelsen, M.D., professor of radiology, was elected vice president of the society.

Michael Rufo and Thomas Schu-man, graduate students in the Depart-ment of Engineering and Poli-tics, presented a paper titled "Cogenera-tion Policy: Issues, Impacts, and Op-tions," at The Sixth International Conference on Cogeneration, held Oct. 14-16 in Orlando, Fla. The con-ference was sponsored by the Inter-na tional Cogeneration Society.

Washington University faculty and staff make news around the globe. Following is a digest of media cov-erage on campus during the past few weeks for their scholarly activi-ties, research and general expertise.

Early detection by physicians of peripheral arterial disease (PAD) in order to save lower extremities is advised by Charles Kilo, M.D., asso-ciate professor of clinical medicine, in a Sept. 21 article in the Medical Tribune. PAD is caused by poor blood circulation in the legs and feet of some diabetics and other patients suffering from chemical depen-dency. They face pain, ulceration and possible amputation if the disease goes unchecked.

Peter H. Raven, Ph.D., Engelmann Professor of Botany and director of the Missouri Botanical Garden, will become the second recipient of the International Prize for Biology Nov. 20 in Tokyo, Japan. Raven, a re-no wned botanist, will be recognized for his contribution to taxonomy, the orderly classification of plants and animals.

The International Prize for Biol-ogy was established in 1985 to cele-brate the 60th birthday of His Majesty the Emperor of Japan, Hirohito, and to come-morate the emperor's long-time interest and research in bi-olgy. Raven was selected for this honor by a com-mittee of 10 out-standing Japanese biologists, five overseas members, named by the Japanese Society for the Promotion of Science. The first recipient, the International Prize for Biology was Edred John Henry Corner, professor emeritus, Cambridge University. The prize itself is a medal and a cash award of ten million yen — about $65,000. I am extremely honored to re-ceive such recognition," Raven said. "It is very gratifying to have my work recognized by my peers.

Raven is in Tokyo to receive the prize, which will be presented by Prince Crown Prince Akihito. The ceremony, Raven will travel to Kyoto, where he will be the featured speaker at the 20th annual symposium and will give a plenary symposium in connection with the award of the prize.

Peter H. Raven is director of the Missouri Botanical Garden since 1971. Under his direction, the garden now operates the most active tropi-cal research program in the world. He currently serves as president of the Organization for Tropical Studies. Raven has received numerous awards for his scientific work and was named a MacArthur Fellow in 1985.

Raven travels regularly to St. Louis to see Eugene A. Bause, M.D., Sydney M. and Stella H. Schoenberg Pro-fessor (dermatology), who is treating him for epidermolysis bullous, a genetic skin disorder that strikes one in every 50,000 newborns in Amer-ica. The story, with a photograph of Raven, was published on the front page of the Sept. 27 Fort Worth Star-Telegram.

Student debt called a crisis, says an article in the Oct. 5 edition of the Boston Sunday Globe. Dennis J. Mar-tin, director of financial aid, said stu-dent borrowers who must make monthly repayments of $100 or more, using more than eight percent of their gross income, face "immane-nt financial crisis." Martin cited a study done by the National Association of Student Financial Aid Administrators that found borrowers carry a greater burden than men when they borrow similar amounts of money. They average smaller salaries after graduation.

Third-world economies are being groundy by "flight capital" (money stashed by various means in foreign countries by wealthy cit-izens of poor countries), says an ar-ticle in the Oct. 7 Rocky Mountain News. The story notes that wealthy Latin Americans, as an example, have invested at least $180 billion outside their continent.
**LECTURES**

**Thursday, Nov. 20**

4 p.m. Dept. of Biology Seminar, "Inheritance and the Genome," Paul Green, dept. of biological sciences, Stanford. Mercantile.

4 p.m. Dept. of Chemistry Seminar, "Recent Developments in the Design of Sequences Directing Molecules," Peter Devan, prof. of chemistry, California Institute of Technology. 311 McMullen.

4 p.m. Center for the Deaf (CISL) Seminar, "Temporal and Temporal Compartments in Auditory Masking," Robert Galley, asst. research scientist, CISL. 2nd floor aud., CISL.

**Thursday, Dec. 4**
8 p.m. Dept. of Chemistry Seminar, "Applications of NMR of Molecular Dynamics," Robert O. Bryant, prof. of chemistry, Rochester Medical Center. 311 McMullen.


4 p.m. Dept. of Pathology Seminar, "Expression of IGF Subclasses," Moon Nahm, WU past prof. of pathology. Pathology Library. 3rd fl., West Bldg.

**Friday, Dec. 5**

6 and 8:30 p.m. WU Associations Film Travel Lecture Series, "Great Britain's Great Canals," Fran and Brooke Reidelberger, film-makers. Graham Chapel. For ticket info., call 889-5122.


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**Friday, Dec. 5**

**PERFORMANCES**

**Thursday, Dec. 4**
8 p.m. Student Dance Concert at the Dance Studio, 207 Mallinckrodt. (Also Dec. 5, same time, Dance Studio.) General admission is $5; WU community and senior citizens, $2. Children under 12 and under free. For more info., call 889-5858.

**Friday, Dec. 5**
8 p.m. Edison Theatre Presents Robert Ashley’s "Avalanche." (Also Dec. 6, same time. Edison) General admission is $15; WU faculty/staff and senior citizens, $10; students, $7. For more info., call the Edison Theatre box office at 889-6543.

**MUSIC**

**Saturday, Nov. 22**
8 p.m. Dept. of Music Faculty Recital with pianist Kevin Mason assisted by members of the University College Symphony. McMillen Lounge. (Previously had been scheduled for Steinberg Auditorium.)

**Sunday, Nov. 23**
4 p.m. Washington University Wind Ensemble Concert. Edison Chapel.

**Monday, Nov. 30**
7:30 p.m. University City Symphony Orchestra Concert. Sponsored by the Dept. of Music. Graham Chapel.

**Wednesday, Dec. 3**
8 p.m. WU Symphony Orchestra Concert with Seth Carlin, director. Graham Chapel.

**Saturday, Dec. 6**
11:30 a.m. Men’s and Women’s Swimming and Diving, WU vs. U. of Arkansas at Little Rock. Millstone Pool.

**FILMS**

**Thursday, Nov. 20**
7 and 9:30 p.m. WU Filmboard Series, "Ikiru." Brown Hall.

Friday, Nov. 21
7:30 p.m. The Film "Glissements progressifs du plastique," with a 30-minute filmed commentary by Alain Robbe-Grillet. WU Distinguished Professor of Romance Languages and Literatures, will be shown in Meyers Language Lab, Ridgley Hall.

**Friday, Dec. 5**
7 and 9:15 p.m. WU Filmboard Series, "Hannah and Her Sisters." Brown Hall. (Also Sat., Dec. 6, same times, and Sun., Dec. 7, at 7 p.m., Brown.)

**Wednesday, Dec. 3**
7:30 p.m. The Society for the Scientific Study of PSI Meeting. Michael Thalbourne will speak on "Parapsychology in the Soviet Union: What Are the Russians Really Up to?" Women’s Bldg. Lounge. Admission for members is free, for non-members, $3; for students, $1.

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