Facility to present at AAAS meeting here

Is the world's largest scientific organization

BY TONY FITZGERALD

More than 30 WUSTL faculty members will participate in science and technology presentations when the American Association for the Advancement of Science (AAAS), the world's largest general scientific organization, holds its annual meeting Feb. 16 - 20 at the Renaissance Grand Hotel in downtown St. Louis.

The multidisciplinary program will feature more than 150 plenary, semianual and topical lectures, a poster competition, a career fair, career development workshops and social events.

Seminars and tutorials will offer in-depth looks at genomics, explore ways to deal with high-throughput data and explore the issues of Knolliness in education from Kindergarten through university studies.

The meeting will also examine the biomedical and social ramifications of nanotechnology.

2-drug treatment may block source of asthma and chronic bronchitis

BY GREEN ERECK

Current treatments for asthma and chronic bronchitis aren't able to address the root cause of the ailments.

But School of Medicine researchers have gone to the root of these disorders and found a two-drug treatment that could potentially resolve patients' troubled airway, thereby improving breathing function.

Their study appeared in the Feb. 1 issue of the Journal of Clinical Investigation.

Michael J. Holtzman, M.D., and his colleagues discovered that some cells that line the airways of the lung transform into another cell type in mice and humans with these disorders. Their cellular transformation, which had not been recognized, is responsible for overproduction of the mucus in the airways.

The researchers found two drugs that could potentially stop this harmful transformation of lining cells. These drugs may be used in combination to normalize the airflow in people with asthma and chronic bronchitis suffers.

"In these disorders, shortness of breath and cough are related to a hypersecretion of mucus in the airways," said Holtzman, the Selma and Herman Seldin Professor of Medicine and director of pulmonar- and critical care medicine.

"Physicians prescribe anti-in-"flammatory drugs and bronchodilators to ease breathing difficulty.

Forget the game; what about the ads? Feb. 5 was Super Bowl XL for the majority of Americans, but for about 50 students in the Olin School of Business, it was the seventh annual "Super Ad Bowl." Students voted for their favorite commercials of the telecast (a voter marks her favorite ad in a form on which to observe scientific endeavors).

"We also are proud of the participation of our faculty in the program. We have many presenters on a wide range of topics, indicative of the breadth of our university. The AAAS annual meeting certainly offers a tremendous platform on which to observe scientific endeavors today," said Chancellor Mark S. Wrighton, an AAAS fellow.

"AAAS is an esteemed organization that has been integral in the dissemination and advancement of science since before the Civil War. It is our hope and desire to be a dynamic organization, reaching out beyond universities and institutions to communities and government.

"We are extremely pleased to welcome the American Association for the Advancement of Science to communities and government. We can boldly define problems and potential solutions for the decades ahead, thereby inspiring the scientific and engineering community and attracting young people to this mission. The University will staff an information desk.

See AAAS, Page 6

WUSTL ramps up recycling effort with new vendor

BY ANDY CLINKEIN

A efforts to preserve the environment are being stepped up nationwide, the University is making recycling a focal point for 2006 and beyond.

"We have been working with facilities, purchase- and the student Committee on Environmental Quality to expand the recycling program at the Hilltop Campus," said Bruce Backus, assistant vice chancellor for environmental health and safety.

"We want to include more waste streams and add more recycling containers around the campus."

A new recycling contract should allow the University to expand the amount of paper products, aluminum and glass that is recycled.

The University's new recycling vendor, B1 Partnership, provides a wealth of opportunities for the University to reduce its general trash by as much as 50 percent, by just paying attention to what can and cannot be recycled, and into which bins the materials should go.

"We currently recycle around 20 percent of the glass and plastic in the waste stream, but we hope to be able to increase that to 70 percent under the new contract," Backus said.

"Paper recycling will now include any paper product that tears, including phone books and paperback books, as long as the paper is not contaminated with food, oil, wax or water."

Types of bins

"Up to 500 additional recycling containers will be placed around campus," Backus said. "If the new vendor can deliver as promised, we should see some improvement in recycling rates."

An advancement in the area of "mixed paper" bins. Think of it as accepting "anything that tears".

No longer do you have to worry about the asbestos windows in envelopes or the higher-risk glossy paper for ads and mailers. With a flick of the wrist that would make David Letterman proud, it can all fit in the same place.

Mixed paper is an emerging program in waste-paper-fiber recycling that allows combining all clean waste paper products including phone books, magazines, mail (including plastic window envelopes), sticky notes, copy paper and 

See Recycling, Page 6

See Recycling, Page 6
Black Artists' Group: Symposium to examine arts collective

By LIAM OTTEN

Black Artists' Group donors rehearse in preparation for a 1969 performance of "Poem for a Revolutionary Night" in St. Louis, the Black Artists’ Group, which flourished between 1966-1977, gave rise to a host of national and internationally recognized figures. "The Black Artists’ Group was a seedbed for artistic innovation," said Benjamin Looker, author of 2004's "Point From Which Creation Comes: The Black Artists’ Group of St. Louis." "But unlike most other arts and culture collectives of the period, BAG was fundamentally committed to a collaborative interaction of its members in diverse artistic mediums. The organization brought together and nurtured an array of African American artists, who were motivated to explore and expand the possibilities in discipines ranging from music, theater, literature to visual arts, poetry, and film." On Feb. 16-17, the Department of Arts & Sciences will host a symposium and concert for the Black Artists’ Group in St. Louis. "This is an opportunity to not only bring to light a historically relevant and floral yet little-remembered collective. The events come amid a dramatic resurgence of interest in BAG. Looker’s book has drawn attention to Looker’s monograph, a series of BAG's performance and record labels that were recently released on the Red, Duck, Shadow and Atlantic record labels.

The astoundingly rich heritages of the Black Artists Group deserves to emerge into full view," Looker said.

Women's hoops stays tied for 1st in UAA

The No. 3 women's basketball team (18-2, 8-1 UAA) picked up their 19th straight win and moved up two UAA road wins to remain in first place in the conference. The Bears defeated Carnegie Mellon University, 83-58, on Feb. 3:23.39. The indoor track and field teams also had a strong day for the women, winning both the 4x400-meter relay and the 4x100-meter relay. The 4x400 relay squad also provisionally qualified for the NCAA Indoor Championships with 77 points. The 4x100-meter relay also provisionally qualified for the NCAA Indoor Championships with 44.95 seconds.

On the Web

For complete sports schedule and results, go to b8arsports.wustl.edu.

Sports

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**Vitamin A analog is a potential lung cancer preventative**

BY GWEN ERICKSON

The ideal substance to prevent cancer would block tumor growth without causing unpleasant or dangerous side effects.

Researchers at the School of Medicine are reporting that a compound related to vitamin A shows promise in preventing or slowing tumor growth in mice prone to developing a form of cancer, a move that could bring benefits to cancer patients and their families.

"We think vitamin A analogs are a possible chemopreventive candidate, and that includes bexarotene," said Ming Yung, M.D., Ph.D., director of the Chemoprevention Program at the Site- mane Cancer Center. "These patients wouldn't want to take medication that makes them feel sick when they don't have cancer."

In other studies, bexarotene showed some promise in cancer treatment. It extended survival in patients with lung cancer, the most common cancer of lung and one that has a five-year survival rate of less than 5 percent when diagnosed at the advanced stage.

In the current study, which will appear in an upcoming issue of Oncogene, Tian Wang, M.D., Ph.D., associate professor of surgery; You, professor of surgery; and their colleagues demonstrate that lung-cancer-susceptible mice receiving a non-toxic dose of bexarotene ended up with fewer and smaller benign and malignant tumors by about 50 percent when diagnosed at the advanced stage.

The researchers now believe that the aggressive potential of benign tumors to malignant tumors by about 50 percent. The mice were engineered to have the genetic alterations seen in human lung cancers, so they readily developed lung cancer when given known lung carcinogens.

"Seeing this magnitude of response in such a strongly susceptible mouse suggests bexarotene is a potentially viable lung cancer-prevention candidate," said Ming Yung.

Researchers have studied vitamin A analogs called retinoids for several years as potential chemotherapeutic agents because they help regulate cell division, growth, differentiation and proliferation.

A new class of these vitamin A analogs called retinoids has shown promise in breast cancer prevention, and bexarotene ended up with fewer and smaller benign and malignant tumors by about 50 percent. The researchers now believe that the aggressive potential of benign tumors to malignant tumors by about 50 percent. The mice were engineered to have the genetic alterations seen in human lung cancers, so they readily developed lung cancer when given known lung carcinogens.

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Cronon to speak on landscape & environmental change Feb. 13

E nvironmental historian William J. Cronon, Ph.D., will speak on "Telling Tales on Canvases: Landscapes of Environment Changing in 17" at 7 p.m. for the Sam Fox School of Design & Visual Arts. The event is part of the "Seminar for the Arts -- a noon event series that explores the intersection of contemporary art, architecture, and environmental change. The series is sponsored by the Sam Fox School of Fine Arts and the Robert E. Shook Fund and the Fleischmann Fund.

Cronon is professor of history, geography, and environmental studies at the University of Wisconsin, studies the history of human interaction with the natural world, and how we depend on the ecosystems we inhabit for material food; how we modify the landscapes in which we live and work; and how our ideas of nature shape our relationships with the world around us.


Cronon was a Rhodes Scholar at the University of Oxford. He is a fellow of the American Academy of Arts and Sciences, a recipient of the National Book Critics Circle Award, and a member of the American Philosophical Society. Cronon is currently the Samuel and Elizabeth Robson Professor of History and Environmental Studies at the University of Wisconsin-Madison.


Music

Saturday, Feb. 19 3 p.m. Concert. Center Concert of Washington University in St. Louis. "The Saint Louis Chamber Orchestra Chamber Music Series." Cost: $21, $16 for students and faculty. WUSTL students and faculty free of charge. WUSTL students and faculty free of charge.
Libraries hosting events highlighting federal records

From January-March, University Libraries will hold two exhibitions, a talk and a conference program celebrating the libraries' 100 years as a federal depository library, drawing public attention to the vast collection of government documents and federal research resources. Since the early 1900s, projects of University faculty and graduate students that were founded on the use of government documents; and Wayne Fields, prof, of German and dir. of American Culture Studies, & dir. of American Culture Studies.

• March 21, 8-10 p.m., Olin Li- brary's Ginkgo Reading Room: Judith Jasper Leicht, U.S. superintend- ent of libraries, will present "The Warren Commission Report and Other government documents to blend fact and fiction into a re-

• March 10, 5:30 p.m., Mallinckrodt Student Center, Lower Lvl., Washington University community news

Many libraries will feature open hours, and other events. For more information about the Center for Jewish Studies and the University's relationship to government documents, contact Muriel Feffer at mruwitch@wustl.edu.

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WUSTL joins national RecyclingMania contest

BY ANDY CLENDENNEN

What's a little friendly competition among schools? Right? WUSTL is about to find out, when it participates in a nationwide "Recycling Mania" contest March 1 through April 30.

The start of the contest will be a "Recycling Expo" on the St. Louis campus April 8. The event will, among other things, include a "Recycling Olympics" in which students will test their abilities in a variety of recycling-related skills.

The basic rules for Recycling Mania are: Schools are grouped as "community" or "competitor" groups. Competitor schools must compare the amount of recyclables they collect to the total amount of recyclables the school produces and the "competitor" group will be further divided into "large" and "small" campuses. Community schools are divided into "large" and "small" campuses as well. The "large" campus is a college or university's entire campus, while the "small" campus includes the main campus and any remote locations. Competitor schools are evaluated on a "percentage" basis, while community schools are evaluated on an "absolute" basis.

Both groups will be competing to see which school at the end of the contest produces the largest amount of recyclables, and the lowest amount of recyclables per capita.

In the 2005 competition, 289 schools nationwide participated. Community schools demonstrated a 30% reduction in waste, while large campuses reduced their waste by 45% and small campuses by 50%.

Last year, WUSTL did not participate in the contest. But this year, the University has committed to increasing recycling efforts campus-wide.

The campus recycling coordinator, David Jones, said WUSTL has already made significant improvements to recycling programs on campus. "We are currently working on a campuswide recycling survey to determine what can be improved. We hope to implement a new recycling program in the fall," Jones said.

"Our goal is to get everyone on campus to participate in Recycling Mania," he said. "We want students to take pride in their ability to recycle and to learn about the importance of recycling."
Danielle Bristow, started Feb. 1 as director of orientation and Parents Weekend director, replacing Bill Woodward.

Danielle Bristow named orientation, Parents Weekend director

Stanley — from Page 1

research in the medical school's Department of Psychiatry.

Professor Cicero has served extensively as vice chairman for research for nearly 10 years," said Dr. Holtzman. "He has been tireless in his efforts to strengthen our department's research and clinical programs and has been an outstanding national leader respected around the country for his work.

"His work has done much to benefit the University, and I am grateful for his dedicated service, said Dr. Holtzman.

"I look forward to working with our deans and department heads and with our talented faculty to continue to push for excellence in all of our research endeavors."

SANDER E. STANLEY, Jr.

Ashma

— from Page 1

facilities, but these medications don't specifically reduce mucus production or secretions. Our research addresses this aspect of the disease.

In mice with a chronic lung condition resembling asthma and emphysema, the National Heart, Lung, and Blood Institute (NHLBI), the National Institutes of Health (NIH), the National Science Foundation and the National Institute of Allergy and Infectious Diseases funded research titled "Adaptation Systems for Collaborative Multi-media Mobile Environments." Daniele Bristow, 30, has been named orientation, Parents Weekend director, replacing Bill Woodward. Bristow will be responsible for new student and parent orientation, helping new families with the transition to the University and planning Parents Weekend. She will also maintain the parents Web page and work on publications such as the parents handbook, Bear Facts and newsletter.

"I am delighted that Danielle has joined in this important role," said Karen Levin Coburn, assistant vice chancellor for student and graduate programs for fresh transition.

"A recognized leader in the National Orientation Association, she brings a wealth of expertise and a commitment to supporting the successful transition of new students. We are fortunate to have her as a member of the University community.

"Danielle graduated with both bachelor's and master's degrees from the University of Oklahoma. In 1994, she began working in the office of administration and orientation for new student programs at Spalding University. She coordinated orientation until 2005.

"She moved to St. Louis in July with her husband, Bill, and a new baby to assume these responsibilities at the University," said Karen Levin Coburn, assistant vice chancellor for student and graduate programs.

"Danielle will be the first orientation director for the University's new division of student success. She will be responsible for the University's re-

"I am delighted that Danielle has joined in this important role," said Karen Levin Coburn, assistant vice chancellor for student and graduate programs.
Assistant athletic director Joe Worlund, here with senior volleyball player Nicole Hodgman, has served in a variety of roles in his 24 years at the University of Washington. He is the running back of the student-athletes. Hodgman, a three-time volleyball All-American, says: "Joe is an ultimate 'cool dude.' He's one of the good guys!" says Kathy Lasater, Intramurals administrative assistant.

"Joe is especially effective as an intramural director," Worlund says. "He has the ability to interact with the people he works with and understand them. He is very perceptive. He has an ability to understand people's needs and situations. He is able to put himself in their shoes."