Faculty to present at AAAS meeting here

Is the world's largest scientific organization

BY TONY FITZPATRICK

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 and topical lectures, a poster competition, a career fair, career workshops and an exhibit hall. Seminars and tutorials will offer in-depth looks at genomics, explore ways to deal with high-throughput data and explore the issues of stem cells 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 GWIN ERICHON

Current treatments for asthma and chronic bronchitis aren't able to address the root cause of the disease. But School of Medicine research has gone to the root of these disorders and found a two-drug treatment that could potentially reverse patients' impaired airway to healthy functioning. Their study appeared in the Feb. 1 issue of the Journal of Clinical Investigation.

Michael J. Holtzman, M.D., and his colleagues discovered that these disorders.

Forget the game; what about the ads? Feb. 5 was Super Bowl XL for the majority of Americans, but for about 30 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, which is placed around campus," Backus said. "If the new vendor can deliver as promised, we should be able to increase that to 90 percent, all by just paying attention to what can and cannot be recycled, and into which bins the materials should go."

Mixed paper is an emerging program in recycling. No longer do you have to worry about the type of paper that goes into which bin. "Professor Stanley is a high- ly respected faculty member with a great record of achievement," Wrighton said. "We had an excellent group of Can- didates, and I am pleased to be able to appoint Professor Sam Stanley.

"Professor Stanley is a highly respected faculty member with a great record of achievement," Wrighton said. "We had an excellent group of candidates, and I am pleased to be able to appoint Professor Sam Stanley."

"We currently recycle around 20 percent of our waste," Wrighton continued. "It is important for everyone to get involved in recycling initiatives."

"We are pleased to welcome the American Association for the Advancement of Science to Washington University in St. Louis," said AAAS President Gilbert S. Omenn, M.D., Ph.D., who will open the meeting with a plenary lecture at 9:30 a.m. Feb. 16. "We can mobilize individual disciplines and cross-disciplinary work on major national and global goals. 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 at the meeting.

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 for which to observe scientific endeavors today."

Nearly 1,000 scientific leaders will participate in the meeting, focusing on "Grand Challenges, Great Opportunities."

"The program this year is designed to chal- lenge us as scientists, engineers, teachers and citizens to frame important scientific and soci- etal problems in ways that create opportunities to apply the best in science and technology for broad benefit," said AAAS President Gilbert S. Omenn, M.D., Ph.D., who will open the meeting with a plenary lecture at 9:30 a.m. Feb. 16. "We can mobilize individual disciplines and cross-disciplinary work on major national and global goals. 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."

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Black Artists' Group: Symposium to examine arts collective

BY LIAM OTTEN

In the mid- and late 1960s, the Black Arts Movement emerged as the aesthetic and ideological corollary to the Black Power philosophy. Sprouting assimilation, the movement took off militantly in African-American history, culture and traditions, which is so doing laid much of the groundwork for contemporary multiculturalism.

In the 1960s, the Black Artists' Group (BAG), which flourished between 1967-1972, grew to be a host of nationally recognized figures, including Lucinda Kaye, Oliver Hampehl and Hamiet Bluiett of the World Saxophone Quartet; trumpeter Balka Cumo; pianist Emily Craig and Oliver Jackson; and stage directors Melhnik (Robert) Elliott and Melhnik Nadia.

"The Black Artists' Group was a seedbed for artistic innovation," said Benjamin Looker, author of 2004's "Point From Which Creation Begins": The Black Artists' Group of St. Louis. "But unlike most other experimental artistic collectives of the period, BAG was fundamentally committed to a collaborative understanding of its members and diverse artistic mediums. The organization brought together and nurtured an array of African-American artists who worked across disciplines ranging from music, theater, visual arts, poetry, and film."

On Feb. 16-17, the Department of Art and Design will host a symposium and concert. Looker and other members of the BAG will come together to discuss the influence of the influential yet little-remembered collective.

The events come amid a dramatic resurgence of interest in BAG's history and music. The annual presentation to Looker's book, a series of readings and oral histories, and discussions have recently been released on the web. Looker's book and other materials will be used to guide the discussion of the symposium.

"The symposium will feature a panel discussion on BAG's legacy while pursuing a broader discussion on the history of experimental arts as a potent form of community engagement," said Looker. "BAG was a moment during which music and the arts were unified to challenge the status quo and respond to the social and economic challenges of the 21st century."

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

Women's hoops stays tied for 1st in UAA

The No. 3 women's basketball team completed the first half of the season with an 18-0 record and is tied for the lead in the UAA.

On the Web

On the Web for complete sports schedule and results, go to b8arsports.wustl.edu.

Black Artists' Group dancers rehearse in preparation for a 1969 performance of "Poem for a Revolutionary Night." In St. Louis, the Black Artists' Group, which flourished between 1967-1972, gave rise to a host of nationally recognized figures. "The Black Artists' Group was a seedbed for artistic innovation," said Benjamin Looker, author of 2004's "Point From Which Creation Begins": The Black Artists' Group of St. Louis.

"With its aggressive posture toward its audience, its treatment of race and color and its integration of music and dance, the production embodied the hybrid nature that would characterize the BAG enterprises," Looker noted.

"Productions during these years ranged from sharp satires dramatizing immediate issues of race and color to complex ritualistic pageants that laid out broad visions of black survival, spirituality and nationalhood." As BAG expanded, it attracted funding from the Dunham Foundation, the Rockefeller Foundation and others.

In July 1969, the group obtained an hour's rental of a building at 2665 Washington Blvd., in the heart of the city's inner city. It soon housed living quarters, a performance studio and teaching facilities.

female/subsidiary space, a painting studio and teaching facilities for dance, theater, music, film, creative writing and visual arts. Yet at the time, "The atmosphere in St. Louis was not particularly receptive to the new sounds being explored by Lake, Hampehl and their musical contemporaries," Looker said.

For example, Hemphill's first album, "Heritage" (1972), released on his own Ab materials record label, was praised by jazz critics yet found only limited distribution and virtually no radio play.

By the early 1970s, leading BAG musicians had grown frustrated with the lack of opportunities and support for black musical artists. The group relocated to New York, Lake and Hampehl Bluiett quickly carved out roles in New York's underground "lo-fi jazz" scene and soon captured international acclaim as co-founders of the World Saxophone Quartet, hailed by The New York Times as "probably the most prodigious and exciting new jazz band of the 1960s."

"BAG continues to be most well known for the vision of free jazz improvisers and composers that it fostered — and to an extent embraces — a broader conception of black musical heritages," Looker said.

"But a few constant themes do emerge across BAG's music: the repertoire arts as a potent form of community engagement; institution-building as a reforestation of a broader vision of black music and tradition in the context of new forms and techniques."

Wrightson to speak for 'Science on Tap' series

BY ANDY CLINDERSSEN

A little beer mixed with a little science is always a good thing, right? The spring lineup for "Science on Tap", a regular lecture series hosted by Schlafly Bottleworks, has been announced, and the event is free.

"Science on Tap" (short for "solar energy and nuclear energy") is one of the topics to be explored.

All events are free and open to the public unless otherwise noted. For more information, call 935-4841 or e-mail stt8@wustl.edu.
Vitamin A analog is a potential lung cancer preventative

BY GWIN 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 retarding or slowing tumor growth in mice prone to lung cancer. The vitamin A compound, called bexarotene, linked to the severe skin irritations that have limited previous vitamin A derivatives in cancer therapies.

"If the cancer-prevention field, you look for drugs that can be given to healthy patients who have a higher risk of developing cancer," said Ming You, M.D., Ph.D., director of the Chemoprevention Program at the Siteman 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 treatments. It extended survival in patients with non-small cell lung cancer, the most common form of lung cancer and one that has a five-year survival rate of less than 5 percent when diagnosed at the advanced stage.

In this 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 demonstrated that lung cancer-susceptible mice receiving non-toxic doses of bexarotene ended up with fewer and smaller benign and malignant tumors than those that were not treated with the drug.

The researchers now believe that up to 50 percent reduction in terms of total tumor burden in mice who were given bexarotene, which has been already developed benign tumors following injection of a lung carcinoma. Bexarotene also inhibited the growth of benign 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 human lung tumor agents.

"Seeing this magnitude of response in such a strongly susceptible mouse suggests bexarotene is a potentially viable lung cancer-prevention candidate," You said. 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 relatives has been created that include bexarotene.

"These substances are called the retinoids, which tend to be much less toxic than retinoids. Among them, bexarotene has so far shown the most promise as a chemopreventive medicine. However, it seems that causes fewer side effects, bexarotene does have the effect of increasing blood lipid levels in many patients, so patients often need to take a drug to lower their cholesterol and triglyceride levels.

"We will be testing this new compound, too," You said. "And if it turns out to be effective, these retinoids will most likely become candidates for clinical trials in patients with precancerous nodules or bronchial dysplasia."

"If the trials show reduction of cancers, I think these drugs may well become routinely used for lung cancer prevention."

School of Medicine Update

In a new study led by Drs. Chiao-Yen Yen and John E. Yarasheski, Ph.D., associate professor of medicine in medicine and surgery, the researchers were able to define the metabolic and cardiovascular changes that occur in HIV-positive people who are on treatment and are living longer and de-
Cronon to speak on landscape & environmental change Feb. 13

Environmental historian William J. Cronon, Ph.D., will speak on "Telling Tales on Canvases: Landscapes of Environmental Change" at 7 p.m. for the Sam Fox School of Design & Visual Arts. The lecture is part of the Assembly Series and is free and open to the public and will take place in the Sam Fox School's Mildred Lane Kemper Art Museums in Steinberg Hall.

On stage, Saturday, Feb. 11

6 p.m. CHAMUTSU
Kanye West (USA). The event, which celebrates music and art, is presented by the African Social Justice Center, is a multimedia presentation that illustrates the connection between art and issues of racial injustice.

6:30 p.m. Welty Auditorium, University Events Center. To register: 362-6891.
Libraries hosting events highlighting firsthand records

From January-March, Uncarved Bone will host an exhibition, two talks, and a commemorative program celebrating the libraries' 100 years as a federal depository library, drawing attention to the unique collection of government documents and local historical records. Projects of University faculty and graduate students that were collected as part of these projects.

From the U.S. Constitution to the Patriot Act, from photographic documentation of government papers, to our century-long collection of government documents and research on the ongoing debates and interests. Presently, only the government will distribute thousands of these publications — as well as a myriad of electronic documents — through its Government Printing Office and the Federal Depository Library Program, a network of more than 1,250 libraries around the country.

The main event in the libraries' bicentennial year of the Grand Canyon University of Federal Information, exhibition viewing and a lecture on the Warren Commission Report on Thursday, 9 a.m.-10 p.m.; and Sun- day, 9 a.m.-10 p.m.; and during the school year, except school

Arts & Sciences Laboratory Science Week at 10 a.m. Feb. 17 in the Osman Lounge in Creig House.

The Feb. 16-17 events are free and open to the public. For seat reservations or more information, call 935-5576.

Student theater group to present short works Feb. 11-12

The student theater group of the English Department invites you to their third annual "10-Minute Play Festival" Feb. 11-12 in The Village Theatre at Washington University.

The event is free, which is open to the public, is sponsored by the Missouri Museum of Art, the Center for the Arts' Fashion Design Program — both part of the Sam Fox School of Design & Visual Arts — as well as by UWA's AAUP Office of Residential Life, and Women and Gender Studies.

For more information about the presentation or to listen, go to recordcalendar@wustl.edu.

Dhomhndalai, Akins to read Feb. 13 & 16

The poet Nuala Di Dhomhndalai, of Women's Literature Supplement, will be the most acclaimed Gaelic poet of the century" will read from her new book "Every Place" Feb. 13.

In addition, fiction writer Ellen Akins will read from her work on Friday, Feb. 16.

For more information, call 935-7130.

Arachnok Claid (1992), and The Water House (2000).

She has been the recipient of grants from the National Endowment for the Arts and the Ingram Merrill Foundation; a literature Award for the History of American Women; an Academy of Arts and Letters; and a Whiting Writer's Award.

For more information, call 935-7310.
Aren't We Teaching It in Our the Hilltop Campus are Steven G.

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Samuel and Mae S. Ludwig Profes-

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WUSTL faculty

The work of WUSTL faculty

In Missouri as a case study.

For more information, go on-

wustl.edu/new/recycle.html.
Bristow named orientation director, Parents Weekend newsletter

By NEIL SCHMIDT

Danielle Bristow started Feb. 1 as director of orientation and Parents Weekend, replacing Bill Woodward. Bristow will be responsible for new student and parent orientation, helping new families with their 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 the newsletter.

Ashma

--- from Page 1

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

In mice with a chronic lung condition resembling asthma, goblet cells lining the respiratory tract produced a gene called "IL-13", which is believed to play a role in the disease.

One mechanism allows for the prolonged survival of cells with IL-13, by providing a survival advantage. The other mechanism involves the cells directing the survival of goblet cells.

Researchers were the first to demonstrate this transformation from ciliated to goblet cells in a model of chronic lung disease. They also showed that a similar process may occur in humans with asthma and COPD, a disease classification that includes chronic bronchitis.

"In some people, stimuli such as viral infections seem to cause a chronic excess of goblet cells, leading to chronic bronchitis," said Bristow. "We showed that you can take a cell and turn it into a goblet cell using a combination of "IL-13" and "EGFR" inhibitors in a rational way, you can completely transform these two cell types."
Yeah, yeah, that's the ticket

Assistant athletic director has a lot on his plate, including league travel and sister both went there, it was just one of those things I was always good, but we were 12-2 because we had so many acres or conests. We went into the playoffs my junior year and we hadn’t played for three weeks. We won it and just get our coach’s dreams.”

on whether he misses coaching: “I do not miss coaching, I do not cross the street or anything, or sheets, or being on the road having those experiences. But I think it’s a lot of the relationships that were developed both in intramurals and from a coaching standpoint. There’s nothing like being in the gym, or being on the road having those experiences that you are building a relationship that is totally different from other student relationships in an advisory role.”

Joe Worlund

Title: Assistant athletic director

Years at University: 24

Hobbies: Scuba diving, traveling, cooking

On playing baseball in Iowa at the NAIA level: “The way, we had a good team, but we were 12-2 because we had so many acres or conests. We went into the playoffs my junior year and we hadn’t played for three weeks. We won it and just get our coach’s dreams.”

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. “You do things elsewhere, and for the most part, all of us have made a decision to stay at Washington University. I think that is a large part of our success.”

By ANDY CLENDENIN

Washington People

WASHINGTON UNIVERSITY IN ST. LOUIS

Feb. 10, 2006

Joe Worlund, son Tyler, 16, daughter Jenna, 13, and wife Pam enjoy the mountains of Colorado.

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