

April 13, 2007

Faculty Council contributes to 2025 Master Plan



The OSU Master Plan 2025 was approved in January with more than \$825 million in projects underway in various stages of design and construction throughout the OSU System that will transform campuses and enhance academics, student life, athletics and infrastructure. While the plan contains detailed maps, sketches, three-dimensional renditions and other documentations of infrastructural and architectural concepts to guide long-range development, an essential implementation component, unprecedented in all previous OSU campus master plans, is also included.

Development of the 2025 plan involved virtually every group on campus as well as representatives of the Stillwater city planner's office. According to Joe Weaver, OSU associate vice president and chief budget planning officer who led the effort, invaluable input was provided by the OSU Faculty Council and a group specially formed within its Campus Facilities, Safety and Security committee.

"They had representation from all aspects of campus facilities – parking, landscaping, design, mechanical systems, traffic and transit – so we gave them the plan and asked for their input," Weaver said. "In the executive summary of the 2025 plan, there is an entirely new section on plan implementation, and most of those recommendations originated with an ad hoc committee they put together just to evaluate the plan."

"We essentially asked for constructive criticism and received something that will be extremely important for carrying the plan forward," Weaver said.

The implementation component has already given rise to a Long Range Facilities Planning Group within Weaver's office that will function much like a city planning commission and manage the 2025 vision and its evolution. Architectural, engineering and mechanical systems and construction management representatives in the group will provide oversight on all campus construction projects with budgets exceeding \$2 million.

"Oversight by the Long Range Facilities Planning Group will include all major construction projects throughout all stages of conceptualization, design and construction," said Nigel Jones, OSU professor of architecture, who has joined the group.

"We're at a point of change in terms of the scale of the campus and entering a time when the master plan becomes extremely important in helping us accommodate growth while maintaining the qualities that have made our campus beautiful," Jones said. "The master plan should be considered as a guide for future development, and as new projects are decided upon, the planning group will interpret the plan so that it is evolving with the campus's needs."

The implementation component calls for yearly reviews, frequent forums to allow campus groups to weigh in on the plan and collaboration between the facilities planning group and City of Stillwater planners on development of neighborhoods adjacent to campus. It also includes several specific recommendations for expansion and enhancement of the 2025 plan, such as a capital improvements program and appendices to address landscaping, utilities, transportation, art, architectural guidelines and way-finding.

The implementation component emphatically states that the 2025 plan should be a living document, and with their recommendations, the Faculty Council has helped make sure it will be, according to Weaver.

"They are adamant about sustaining this plan and ensuring that it can evolve and continue to serve as a guide over the years as contexts, leadership or anything else changes on this campus," he said.

Around the STATE...

Big Event is this Saturday

More than 1,000 OSU students will hit the streets of Stillwater tomorrow to help home and business owners in the community. The Big Event, OSU community service day, is sponsored by the OSU Student Government Association. The service project is a way for students to say "thank you" to the community of Stillwater for its support of the university.

Software firm exec to head Alumni Association

The OSU Alumni Association has named Russell Bass of Denver, Colo., as its incoming president and CEO. A life member of the association, he will return to OSU following a 27-year career in marketing and sales management of high technology products.

Bass is currently vice president of Worldwide Channel and Territory Sales at Voyence, a Dallas-based software company, and has held management positions at AT&T, Ascom Timeplex and Micromuse, a division of IBM.

Internet privacy, anti-terrorism topics of OSU-Tulsa lecture

OSU-Tulsa Professor Jinkyu Lee will explore the Internet's use as an effective communication channel between the U.S. government and citizens in his lecture, "Implications of the Internet for Anti-Terrorism and Individuals' Privacy." The April 17 lecture is free and open to the public and will be held at 6:30 p.m. in the OSU-Tulsa Conference Center.

Lee's lecture is part of the Faculty Research Excellence Series presented by the OSU-Tulsa Library.

CEAT to honor defense technology engineer

Les Priebe, Ph.D., a Senior Principal Engineering Fellow at Raytheon, will receive the 2007 Melvin R. Lohmann Medal, the College of Engineering, Architecture and Technology's highest alumni recognition, tonight at the ConocoPhillips OSU Alumni Center. Priebe will be honored for engineering contributions to the security of free nations and helping fighting men and women stay alive while defending them.

A native of Okeene, Okla., Priebe completed his bachelor's in electrical engineering at OSU and has worked for 30 years for Texas Instruments and Raytheon.



Feminist attorney to speak on reproductive justice

Lynn Paltrow, executive director of National Advocates for Pregnant Women, will give a free, public lecture April 16 at 2 p.m. in 408 OSU Student Union. "Towards a Real Culture of Life," will explore how advocates of pregnant women, regardless of their position on abortion, can work together.

A limited number of seats are available to eat lunch with Paltrow. For more information, contact Carol Mason, assistant professor of English, at carol.mason@okstate.edu.

Baseball legend to speak at OSU



Major League Baseball's "Iron Man," Cal Ripken Jr., will speak at OSU April 19 for the third and final event of the 2006-2007 speaker series presented by the Student Government Association Speaker's Board.

Ripken's 7 p.m. speech, titled "The Ripken Way: The Keys to Perseverance," is tentatively scheduled to be held outdoors at Allie P. Reynolds Stadium. The Wes Watkins Center auditorium will serve as the secondary location in the event of inclement weather.

Ripken, who in January was voted into baseball's Hall of Fame, retired in 2001 after 21 seasons with the Baltimore Orioles. His many MLB records include being one of only eight players with 400 home runs as well as 3,000 hits.

In 1995, Ripken broke Lou Gehrig's record for consecutive games played (2,130). He voluntarily ended his streak in 1998 after playing in 2,632 consecutive games. Ripken finished his career at third base but is among a handful of players who redefined the position of shortstop.

Admission to Ripken's speech is free for OSU students, faculty and staff with a valid university ID and \$5 for the general public. Tickets can be purchased at the event, in advance at the OSU Student Union Hub or by calling 405-744-7400.

For all these stories and more, go to: <http://osu.okstate.edu/news>

OKLAHOMA STATE Portraits

Celebrating the Centennial: OSU contributions



Although it's now found in everything from pet-tracking tags to automobiles, few understood the concept or had the vision to see how successful global

positioning receiver systems (GPS) would be in 1976. That's when Jerry Holmes, who holds a Ph.D. in electrical engineering from OSU, began pioneering military GPS while working on defense technologies for Texas Instruments.

Holmes' contributions involved developing digital signal processing algorithms for GPS. A GPS receiver listens to satellite signals and makes measurements that are sent to its on-board processor. Algorithms mathematically pinpoint the receiver's location and velocity in three dimensions. Additionally, absolute time can be determined to nanosecond accuracy. Today's applications include high-performance aircraft, satellites and military rockets.

Graduate receives NSF Fellowship

Elizabeth Casey, a graduate of OSU's School of Biosystems and Agricultural Engineering, recently was named the recipient of a National Science Foundation Graduate Research Fellowship. Casey, who completed her



bachelor's degree in December 2006, is attending Purdue University and pursuing a master's degree in agricultural and biological engineering.

Casey said the fellowship application process was lengthy, requiring her to submit three essays, a personal statement and summary of her research experience.

"I also had to provide a research proposal," Casey said. "My proposal was working on improving ethanol yield from lignocellulosic material."

Casey will receive an annual, \$30,000 stipend for three years, along with a \$10,000 tuition allotment.

The NSF Graduate Research Fellowship program provides three years of support for study leading to research-based master's or doctoral degrees and is intended for scholars in early stages of their graduate study.

Casey attributed her selection for the research fellowship to experience she gained at OSU. According to Ron Elliot, department head and professor of biosystems and agricultural engineering, Casey utilized research opportunities open to all undergraduates at the university.

Following the completion of her master's degree, Casey plans to pursue a career in an area of ethanol production.

Sweet Relief

Watermelon juice could be the answer to lowering blood pressure and the risk of stroke, according to Dr. Penelope Perkins-Weazie.



An Education. Delivered.

Almost 300 students received AT&T/OSU Presidential Transfer Scholarships to attend OSU this academic year.

