

IMPROVING

LIVES THROUGH BETTER ENVIRONMENTS



CAMPAIGN UW: CREATING FUTURES | COLLEGE OF ARCHITECTURE AND URBAN PLANNING

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“At the College of Architecture and Urban Planning, we educate our students to be more than masters of a specific discipline. We cultivate leaders: future designers, planners, construction managers, and developers who know how to collaborate with diverse colleagues and who are inspired to tackle the enormous social and environmental challenges of our time.”

BOB MUGERAUER, PH.D., DEAN, COLLEGE OF ARCHITECTURE AND URBAN PLANNING

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Even if we never stop to think about it, we know that our health and prosperity are vested in the quality of our homes and offices, our urban centers and rural towns. At the College of Architecture and Urban Planning (CAUP), we engage with communities locally and around the globe, striving to make our manmade and natural environments better.

CAUP has long been known for educating outstanding professionals, but our reach extends beyond individual careers. We are inspiring and enduring buildings. We are strategies for revitalizing downtowns and protecting open space. We are green roofs, recycled water, and energy efficiency. We are safe, healthy communities.

OUR UNIQUE PERSPECTIVE

With departments of Architecture, Construction Management, Landscape Architecture, Urban Design and Planning, and major interdisciplinary hubs—including the Runstad Center for Real Estate Studies and the UW Rome Center—in one college, we are uniquely positioned to make a profound impact. CAUP graduates will design, plan, build, *and* manage our future world.

The University of Washington is one of only a few universities in the country that brings together this comprehensive constellation of disciplines under one roof. But we are not content to stop there. We are committed to weaving the threads of our excellent programs into a mesh of education, research, and practice that inspires creative thinking and design excellence and mirrors the professional world, where collaboration spans industries and cultures.

THE PLAN FOR THE FUTURE

A planet short on resources and space demands new, innovative measures. To prepare leaders who will respond to pressures such as global warming, pollution, and chronic disease, the college must expand its substantial commitment to research, especially in the areas of sustainable development, community well-being, and human health.

In addition, we must generate more opportunities for hands-on learning and real-world problem solving that are the foundation for inclusive, democratic, and dynamic careers. In part, this means developing a locally involved and internationally aware curriculum. We will cultivate global citizens by continuing our outstanding international programs and partnerships and by inviting distinguished visiting professors from around the world to teach and lead research in our college.

At the College of Architecture and Urban Planning, we understand that educating the individuals who shape our physical surroundings carries an awesome responsibility. It's why we are seeking private support through this campaign. With your help, we can create environments that enhance everyone's quality of life.



ADVANCING

EARTH-FRIENDLY DESIGN



With buildings consuming more than 50 percent of the earth's resources, **sustainable development is less an ideal than an urgent necessity**. Finding ways to answer today's needs without compromising future generations' ability to meet theirs is a pledge that permeates everything we teach and practice at the College of Architecture and Urban Planning.

In recent years, the City of Seattle, the local design and construction community, and the college have gained a national reputation in green design, research, and teaching. The Seattle area now has one of the highest concentrations of sustainable design practitioners and academics in the country.

Coursework grounded in environmentally sensitive practices and award-winning design/build studios in disadvantaged communities give students a solid foundation in green design. Our college is further distinguished by pioneering research. Associate Professor Joel Loveland's work designing buildings that are lit, as much as possible, by natural light won a 2004 Governor's Award for Pollution Prevention and Sustainable Practices. The Urban Ecology Research Lab breaks new ground with extensive Geographic Information Systems and remote sensing studies of the impact of development in the Puget Sound region. Soon, an off-campus facility for Construction Management will provide greater opportunity for departmental research into sustainable construction materials and building techniques.

GREEN ACRES

When the City of Seattle planned to replace a Mount Baker neighborhood garden with market-rate apartments, the community residents dug in. They pledged to improve and protect their urban refuge—and UW Architecture students in design/build studios stepped up to help. In 1999 and 2000, led by Howard S. Wright Chair Steve Badanes, students designed and built a footbridge,

gates, and a leaf-shaped pavilion canopy. These structures are centerpieces of today's flourishing Bradner Community Park. ■ The students gained substantial real-world experience, and their labor was leveraged into a matching grant from the city to help pay for the improvements. But two years of student elbow grease wasn't the end of things. In 2003, former design/build participant Scot Carr (Master of Architecture,

'98) was invited to return to Bradner Gardens. Now a partner at SHED (a local design/build firm founded by four CAUP alumni), Carr helped create a garden shed that is a demonstration piece for green design. ■ Many of the project's materials come from sustainable sources, such as a formaldehyde-free press-board made of sunflower hulls (an agriculture byproduct) and locally made recycled-plastic



“Because innovative design fuses a broad spectrum of experiences and ideas from different cultures and individuals, it is essential we support educational programs that embrace diversity. And nowhere is this more important than in the college, where the foundations for exemplary design are laid.”

MITCHELL SMITH, CEO, MULVANNYG2 ARCHITECTURE

MULVANNYG2 ENDOWMENT IN MEMORY OF GERALD VAMMEN (BACHELOR OF ARCHITECTURE, '65)



TAKING THE LEAD: CAUP'S PREEMINENCE IN GREEN BUILDING TECHNIQUES IS ESPECIALLY DRAMATIC IN LIGHT OF A RECENT NATIONWIDE SURVEY OF 350 DEANS, DEPARTMENT CHAIRS, AND PROFESSORS IN DESIGN PROGRAMS IN WHICH ONLY 14 PERCENT SAID THEIR COLLEGES WERE DEVELOPING PROGRAMS TO EDUCATE INSTRUCTORS ABOUT SUSTAINABLE DESIGN.

lumber. The oversized galvanized-metal roof collects and diverts rainwater for irrigation and tool washing, so that even in dry months gardeners rely on little city water. It also boasts the largest photovoltaic panels in Seattle, which provide energy back to the utility grid.

■ “Working on a UW design/build project taught me the importance of reaching out to all communities,” Carr says. “It is important

that as architects we integrate sustainable building strategies with high-quality design.”

■ Professor Badanes’ design/build studio has offered opportunities for hands-on, civic engagement with communities in need for more than 10 years. Recently, the studio won a National Council of Architectural Registration Boards’ Prize for the Creative Integration of Practice and Education in the Academy.





CREATING

PLACES FOR HEALTHY PEOPLE



At the College of Architecture and Urban Planning, **we understand that the built environment—in all its forms—shapes our behavior and promotes, or damages, our health in profound ways.** We see the alarming rise of obesity, asthma, diabetes, mental disorders, and other chronic illnesses as a clarion call.

For too long, the places we live, work, and play have contributed to the decline in our health—through sprawl that makes no room for sidewalks or bike paths; through disappearing green-space; through the use of toxic building materials, and more. Our students and faculty strive to create places that encourage physical activity, reduce pollution, increase exposure to nature, and offer ample opportunity for communities to come together.

Studios are infused with the urgency of considering human health in design and building. Bringing these ideas to those who need them, Associate Professor Daniel Winterbottom has led design/build projects at Seattle's Cancer Lifeline center and the UW Medical Center. In these settings, students have created healing gardens, where people with chronic illnesses find comfort and renewal. In addition, leading-edge research at the college raises general consciousness about the important relationship between the built environment and our well-being. Through work sponsored by the Centers for Disease Control and Prevention, Professor Anne Vernez Moudon aims to establish a gold standard for designs that support healthy lifestyles.

WHAT MAKES A HOUSE A HOME?

A few years ago, the college made an unprecedented decision to add an environmental psychologist to the Landscape Architecture faculty. It's extremely rare to find this interdisciplinary social science represented in a design department, and it's a measure of our commitment to creating environments that enhance the human condition. ■ This psychologist,

Assistant Professor Lynne Manzo, teaches her students to design with people in mind, and to understand the ways in which we shape our environments and our environments shape us. She also leads classes in participatory design, which she calls "action research," so students learn how to encourage community participation in the design process. ■ From

fostering community development in Seattle's Chinatown-International District to developing affordable housing for Yakima Valley farm-workers to researching public housing, Manzo's interdisciplinary collaborations with planners and designers have a proactive quality. For more than a year, she has been talking to residents of Park Lake Homes, a public housing



“When I was at the UW, my professors weren’t fuzzy utopians. They were pragmatic, optimistic, and absolutely engaged in trying to improve society both physically and spiritually through our work.”

LAURIE D. OLIN, FASLA (BACHELOR OF ARCHITECTURE, '61)
FOUNDING PARTNER, OLIN PARTNERSHIP



BECAUSE DAYLIGHT IS GOOD FOR YOU: CAUP’S AWARD-WINNING BETTERBRICKS DAYLIGHTING LAB HELPS ARCHITECTS INCORPORATE AS MUCH NATURAL LIGHT INTO THEIR DESIGNS AS POSSIBLE. THE LAB’S FACULTY AND STUDENTS WORK ON SOME 150 BUILDINGS A YEAR. NO OTHER DAYLIGHTING STUDIO IN THE NATION HAS AS MUCH INFLUENCE ON THE BUILT ENVIRONMENT.

development south of Seattle. Originally built to house World War II workers, these dilapidated homes are now slated to be replaced with a mixed-use development. ■ As an independent researcher for the King County Housing Authority, Manzo interviews displaced residents about their living conditions, relocation plans, housing needs,

and other concerns. The Department of Housing and Urban Development will use her data to shape policy for housing redevelopment around the country. ■ “This work helps provide a voice for people who are often ignored and marginalized,” Manzo says. “In this rarefied environment of academia, it’s important to do research that has social value.”





FOSTERING

VITAL COMMUNITIES



From dying main streets and urban sprawl to neglected infrastructure and traffic congestion, the College of Architecture and Urban Planning engages with pressing community concerns locally and internationally through community-based studios, interdisciplinary partnerships, and practical research. **CAUP students and faculty help communities manage growth while promoting economic revitalization, livability, and the preservation of cultural identity.**

The college boasts two centers that are hubs for the promotion of economically vital and highly livable communities. The Runstad Center for Real Estate Studies was created so that future real estate professionals could better evaluate the long-term implications of the decisions they make every day. One of a distinct group of real estate programs in the country, the Runstad Center is a champion of truly interdisciplinary instruction and research guided by the fundamental values of economically and environmentally sustainable development.

The Northwest Center for Livable Communities, the public service arm of the Urban Design and Planning program, provides assistance to governments and private citizens as they work together to grow their cities and towns without sacrificing green space, clean water and air, and quality of life. The center's initiatives include lectures, community-based studios, internships, and an interactive Web-based "tool kit" of best practices designed to help community members tackle neighborhood challenges.

LEADERS FOR A POST-9/11 WORLD

A little more than two years after 9/11, the Department of Urban Design and Planning launched a one-of-a-kind leadership program for professionals in fields related to homeland security. The Master in Strategic Planning for Critical Infrastructures is an interdisciplinary, distance-degree program that gives its students the strategic decision-making skills required

to prevent threats to power, water, finance, transportation, and communications infrastructures and to protect public health. ■ "Upon reading the program outline and course profiles, there was really no question of whether or not I'd pursue the degree," says Captain Lisa Mabbutt, a civil engineer in the U.S. Air Force stationed at Spangdahlem Air Base in Germany.

"There is literally no degree better suited to what I do." Captain Mabbutt, who earned her B.A. in Architecture from the University of Washington, was among the first to enroll when the program started in the winter of 2004. Her fellow students hail from local governments, private companies such as Boeing, and other branches of the military. ■



“Students and faculty at the college help real communities create vibrant urban centers and protect rural areas, both of which are key to our region’s economic and environmental health. Supporting their work is an investment in the quality neighborhoods and natural beauty we value so highly.”

PAUL SCHELL, FORMER MAYOR, CITY OF SEATTLE; DEAN, COLLEGE OF ARCHITECTURE AND URBAN PLANNING, 1993–1996



STAYING POWER: 70 PERCENT OF CAUP STUDENTS REMAIN IN STATE AFTER GRADUATION, HELPING TO DESIGN, PLAN, AND BUILD STRONG, SUSTAINABLE COMMUNITIES ALL ACROSS WASHINGTON.

Developed through a partnership with the Washington National Guard and experts from the UW School of Public Health and Community Medicine, the 100-percent online degree answers the call of national security with innovative and accessible solutions. “I wanted to pursue a graduate degree I could access from any duty station,” says Mabbutt, who took a

full course schedule while deployed to Kirkuk, Iraq, during the spring of 2004. ■ “There’s really no part of the knowledge I won’t use,” she says. “Many of the issues I’m learning about in great detail are things the Air Force is developing on the job. This formal education by an outside source will give me the tools I need to make a substantial contribution.”



CREATE A BETTER WORLD

The College of Architecture and Urban Planning has built one of the strongest professional schools in the nation. The talents and strengths of our students, faculty, and alumni are recognized around the globe and appreciated here at home. Their civic engagement and creative contributions are a testament to the college's long-range vision.

But we cannot continue our strong leadership and outstanding quality without sustained private support. Our campaign goal of \$19 million will support students, faculty, programs, and research that advance our legacy of excellence and our ability to respond to emerging economic, environmental, and social needs.

Please join us in making a positive contribution to our communities. Your support today will help create future habitats that exemplify enduring design, tread lightly on the land, and support our physical and emotional well-being.

Students Scholarships and fellowships open the doors to education for deserving students, enriching the college population with a greater diversity of experiences and thought. In addition, scholarships allow students to focus their full attention on their studies. For some, comprehensive support is the deciding factor in choosing which school to attend.

Faculty With increased support, the college can attract, retain, and reward stellar faculty who will innovate, lead, and educate the next generation of visionary professionals.

Programs and Research Private support ensures that the college will remain at the forefront of creating knowledge by empowering faculty and students to find answers to our world's urgent problems. It is critical that we redouble our commitment to ground-breaking research into urban ecology, sustainable technology, human health, and other vitally important areas.

Facilities Our goals include funding for two new, landmark facilities: the Pacific Northwest Center for Construction Research and Education and a student-centered, technology-rich collaboration space known as the Digital Commons. These new facilities will yield immediate benefits, including safer and more efficient construction practices and all-important teamwork and technology skills for students.



“Through teaching, research, and action, the College of Architecture and Urban Planning prepares students to create beautiful, lasting, and ennobling environments. It is in our professional community’s best interest—and the interest of the greater good—to support this important incubator for design excellence.”

LEE COPELAND, FAIA (BACHELOR OF ARCHITECTURE, '60)

CHAIR, UW COLLEGE OF ARCHITECTURE AND URBAN PLANNING (CAUP) CAMPAIGN; DEAN, CAUP, 1972–1979

Learn how you can create futures at the College of Architecture and Urban Planning by contacting Carolyn Wennblom, Director of Development, at 206.685.0175 or wennblom@u.washington.edu.



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