The Robert and Beverly Lewis

INTEGRATIVE SCIENCE BUILDING

Quick Facts:
About the Lewis Gift

Summary

A major gift from Beverly Lewis of Newport Beach, California, and her late husband, Robert, puts fundraising over the top for the University of Oregon's new integrative science building and provides additional funding for their endowment supporting the Lewis Center for Neuroimaging.

UO President Dave Frohnmayer announced the gift Oct. 10, 2008, at ceremonies honoring the Lewis family. He said the university is naming the new building for the Lewises as a tribute to their role in establishing the university as a leader for research related to the mind and brain.

Gift amount: $13.67 million

- **$10 million** for the new integrative science building, completing the $30 million match required to release $30 million in state bonds for the project.
- **$3.67 million** for the endowment supporting the Lewis Center for Neuroimaging.

Previous gifts

Robert and Beverly Lewis Center for Neuroimaging
Endowment supporting the Lewis center
Endowed chair in neuroscience
Endowed professorship in neuroscience

Significance of the gift

- The timing of the Lewis gift assures that work on the new integrative science building will move forward on schedule.
- This building crowns $250 million in new construction for non-athletic purposes made possible by Campaign Oregon: Transforming Lives.
- With the Lewis gift, the campaign has raised more than $822 million, surpassing the original goal of $600 million.

About the Lewises

Beverly Deichler Lewis and her late husband, Robert, met while students at the University of Oregon, married in 1947 and established a beer distributorship with facilities in Pomona and Lancaster, Calif.

Since Bob's death at 81 on Feb. 17, 2006, Beverly and son Jeff have carried on the family's racing operation, which is among the most successful in the sport's history. Their horses race under UO colors.

The Lewises also have provided major support for a regional cancer care center and other health care institutions in southern California.

They were honored with the UO Pioneer Award in 2000.

THE ENDOWMENT FOR THE LEWIS CENTER FOR NEUROIMAGING

The Lewis family's gift of $3.67 million to their endowment supporting the Lewis Center for Neuroimaging will help leverage additional funds for equipment and strengthen the university's ability to compete for leading professors.

The Lewis endowment so far has helped recruit or retain eight UO professors since it was established in 2001. Their research can be described as "supradisciplinary" because it involves cross-fertilization of areas that already are interdisciplinary in nature, such as biochemistry and genomics.

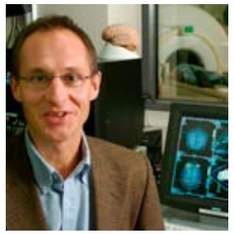
"Our whole purpose is to stimulate as much interaction as possible. Physical proximity makes a huge difference."

Ed Awh
Associate Professor, Psychology

ABOUT THE PROFESSORS WHOSE WORK IS SUPPORTED IN PART BY THE LEWIS ENDOWMENT

Ed Awh, Associate Professor
Psychology

How many simple objects can you think about at once? Even though people feel they have rich visual experiences, Ed Awh's research lab has confirmed that the average person is aware of only about four items at a time. This ability varies from person to person, but Awh's studies show that an individual's capacity of short-term memory is a strong predictor of IQ and scholastic achievement.

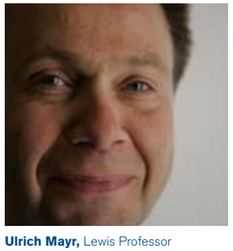


Scott Frey, Associate Professor
Psychology

By harnessing the brain's ability to reorganize itself to compensate for lost functions or to control devices outside the body, Scott Frey's research is revolutionizing how well people can adapt to prosthetic and assistive devices. As director of the Lewis Center for Neuroimaging, he leads a team of computer scientists, medical professionals and neuroscientists whose goal is to restore independence to people suffering from paralysis or loss of limb.

Cliff Kentros, Assistant Professor
Psychology

Very special mice being studied by Cliff Kentros are telling us a great deal about memory—through neurogenetics. Kentros's unique combination of scientific training in both cell and molecular biology and systems neurophysiology has led him to establish at the UO one of the few labs in the world that combines systems-level neuroscience with molecular biology. His work has relevance for dementia, depression and neurological disorders such as ADHD and epilepsy.



Ulrich Mayr, Lewis Professor

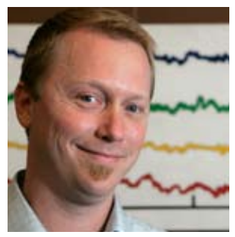
As the first Robert and Beverly Lewis Professor in Neuroscience, Ulrich Mayr is renowned for his contributions toward better understanding of cognitive control and decision making and how these functions change across the adult lifespan. He focuses on figuring out what makes the human mind as flexible as it is—and why it is not always as flexible as we want it to be.

Helen Neville, Lewis Chair

Helen Neville, holder of the Robert and Beverly Lewis Chair in Neuroscience, researches language acquisition and its relationship to the developing brain. Is there a critical window of opportunity for children to learn language? What happens if the brain is not exposed to language at the appropriate time? As an indication of her superstar status, in May she became the tenth UO faculty member elected to the prestigious American Academy of Arts and Sciences.

Jennifer Pfeifer, Assistant Professor
Psychology

What role do neural systems play in the transition from childhood to adolescence? Jennifer Pfeifer probes how a host of changes across the social, cognitive and biological domains affect our perceptions of ourselves and others, as well as our abilities to understand what others are thinking and feeling. Her groundbreaking research is helping reveal what really happens inside a young person's head before, during and after the onset of puberty.



Ed Vogel, Associate Professor
Psychology

Even if you could get more RAM for your brain, the extra storage probably wouldn't make it easier for you to find your car keys. According to Ed Vogel's discovery, published in the journal *Nature*, what may help is a better bouncer—as in the type who manages crowd control for nightclubs. Vogel's study was the first to demonstrate that awareness, or "visual working memory," depends on your ability to filter out irrelevant information.

Mike Wehr, Assistant Professor
Psychology

He may be listed as a psychology professor, but Mike Wehr also identifies himself as a biologist. His lab is uncovering how local circuits in the cerebral cortex encode and transform sensory information, using the rodent auditory cortex as a model system. His work combines aspects of cellular, systems and computational neuroscience.

About the Robert and Beverly Lewis Integrative Science Building

Overview

Concentrating the University of Oregon's science facilities on the north side of campus has shaped new fields of scientific inquiry through strong interdisciplinary connections in molecular biology, physics and chemistry.

The Robert and Beverly Lewis Integrative Science Building will bring cognitive neuroscience into that mix. It will physically connect to the recently completed nanoscience center, Lorry I. Lokey Laboratories, and the internationally renowned research centers in neighboring buildings.

Estimated cost

$65 million

Timeline: (projected)

- Oct. 10, 2008: Gift announcement
- Spring/Summer 2009: Preliminary excavation begins; schematic design underway
- Late 2009: Detailed architectural plans finalized
- 2010: $30 million in state G-bonds will be issued; construction begins
- 2012: Grand opening

Funding

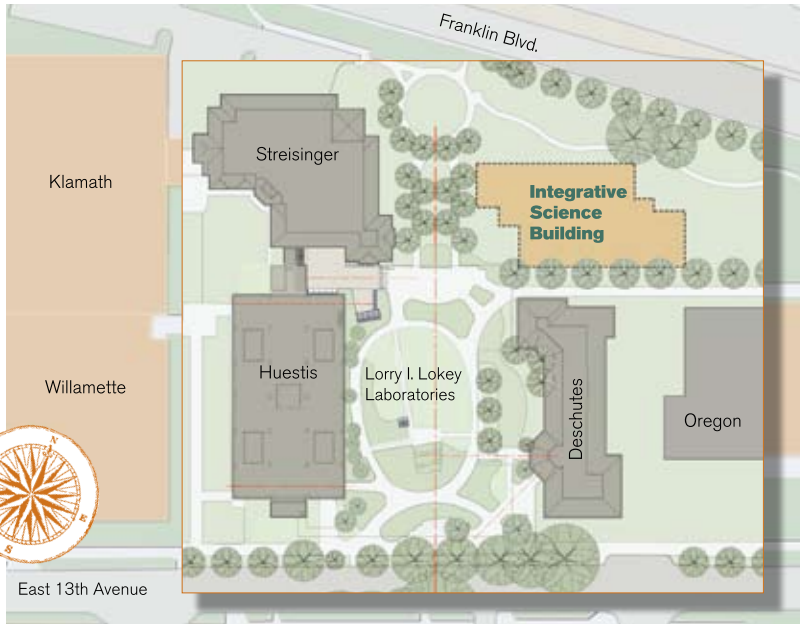
- In 2005, the Oregon Legislature authorized $30 million in state bonds for the project, provided the university first raised at least $30 million.
- With the Lewis gift, the UO has raised $32.5 million in private gifts.
- The original cost estimate for the building was $60 million, but the revised estimate is $65 million.
- The Oregon Legislature has authorized spending up to $65 million for this building.
- Fundraising continues for an additional $2.5 million.

Highlights

- The largest capital construction project for the sciences since the 1980s.
- Five to six stories, 100,000 square feet.
- Expanded facilities for neurosciences, life sciences, geosciences, materials and physical sciences, and computational and information sciences.
- Shared resources, analysis facilities and conference rooms designed to promote and strengthen interdisciplinary research keyed to understanding brain function, improving human health, developing safe technologies and achieving sustainability.
- Advanced imaging capability, including an advanced functional magnetic resonance imaging (fMRI) machine, devoted to an expanded Lewis Center for Neuroimaging.
- New facilities to study effects of gene transplantation on behavior.
- A neuroinformatics center for data processing and analyses.
- Meeting rooms and classrooms designed to facilitate integrative approaches.

Location

The building site is on Franklin Boulevard, anchoring the northeast corner of the Lorry I. Lokey Science Complex.



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