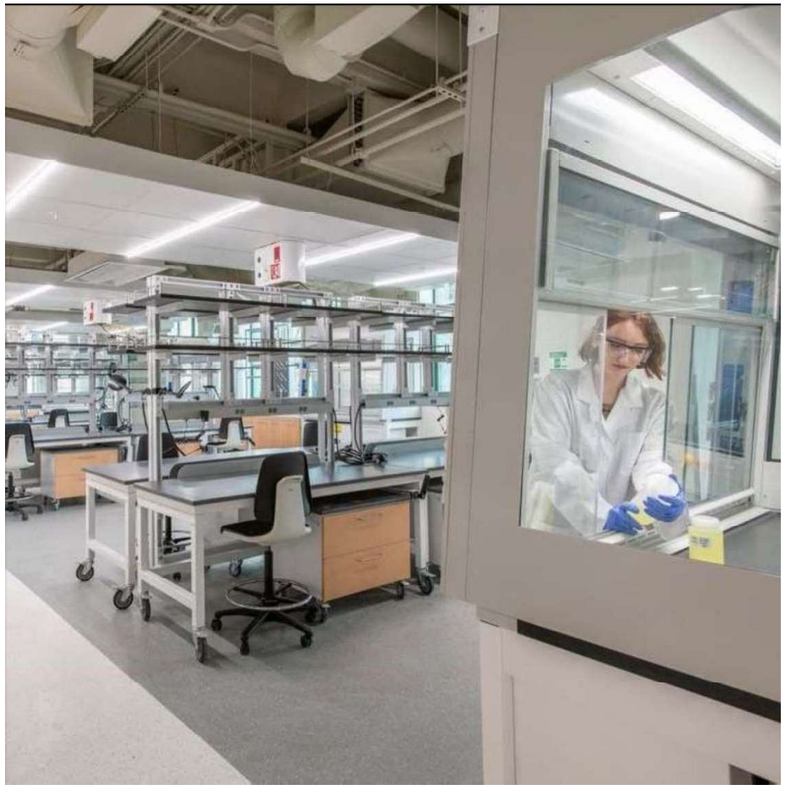


L. S. Skaggs College of Pharmacy

Idaho State University, Pocatello, Idaho

Completion:	2025
Construction Budget:	~$21 million
Area:	~32,000 gsf
Cost/gsf:	~$656; ~$759 adjusted to 2026
Architect of Record:	Hummel Architects
Associate Design Architect:	Gensler
Lab Design:	Glen Berry, FAIA, as employee of Gensler
MEP/T Engineer:	Musgrove Engineering
CM/GC:	Big-D
Lab Subcontractor:	H2I
Program:	Research labs for College of Pharmacy
About (from Hummel website):	Hummel collaborated with Big-D Construction and ISU to transform outdated laboratories and classrooms into a cutting-edge hub for learning, research, and innovation. This renovation of a 1940s building includes gathering spaces for ISU students and faculty, as well as modernized research labs and collaboration spaces. Open, flexible labs span the building's length. Minimal partitions create transparency and adaptability for evolving research. Infrastructure was upgraded to meet code, improve building systems, and accommodate specialized equipment. A "science on display" approach that highlights activity and encourages transparency The renovation also aims to establish inviting, communal spaces, serving as vibrant collaboration areas for the entire college community.

Abelson/Eastlick/Bustad Laboratory Renovation

Washington State University, Pullman, Washington

Completion:	2025
Construction Budget:	~$28 million
Area:	~72,000 gsf
Cost/gsf:	~$389; ~$408 adjusted to 2026
Architect of Record:	Gensler
Design/Build Contractor	Andersen Construction
Lab Design:	Glen Berry, FAIA, as employee of Gensler
Program:	Life Science research and teaching labs; Veterinary Science simulation teaching labs
About- From Daily Journal of Commerce; 2026 Feb 11, by Francesly Sierra, Gensler Design Manager:	As higher education institutions strive to stay relevant and reduce operating costs, they must focus on the best use of their physical assets. Data-informed strategies can help colleges and universities right-size their infrastructure, lower embodied carbon and optimize campus space use, such as converting aging classroom buildings into STEM, student services, and collaboration spaces rather than new construction. In collaboration with WSU leadership, Gensler identified the desired program for a new integrated sciences building and established a roadmap of enabling projects in the pre-design phase to support it. These projects were categorized as sustained investments to meet program needs and tackle deferred maintenance.

PATH Research Center

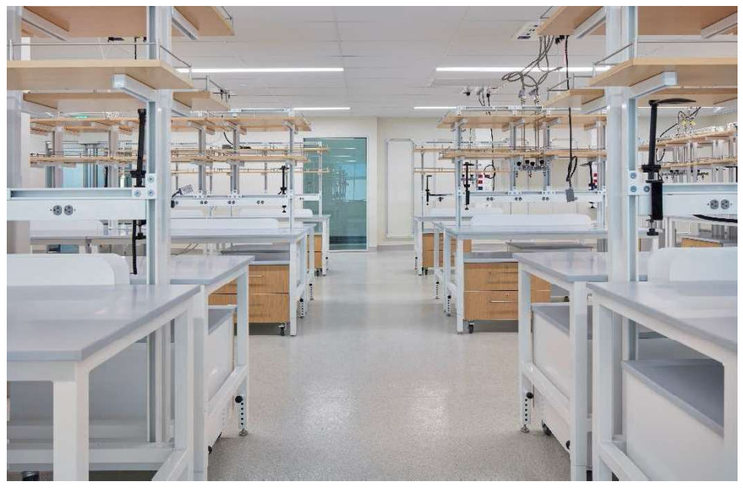
Seattle, Washington

Completion:	2025
Construction Budget:	~$18 million
Area:	~52,000 gsf
Cost/gsf:	~$346; ~$363 adjusted to 2026
Architect of Record:	Gensler
Lab Design:	Glen Berry, FAIA, as employee of Gensler
Program:	Research and Engineering labs for PATH global health program
About (from PATH website):	PATH's West Dock building is located in the heart of Seattle's vibrant Fremont neighborhood, with easy access to public transit and Highway 99. The space offers employees unobstructed views of the ship canal and direct access to the Burke-Gilman Trail. The PATH facility will serve over 200 Seattle-area staff and serve as a flagship for the 3000+-person global team, which has more than 47 offices across 24 countries. The Seattle location will continue to house the organization's laboratory and product engineering lab, in addition to open-concept collaboration spaces for meetings and events. "PATH staff envisioned a space that ignites creativity and fosters innovation—and feels distinctly 'Seattle,'" said Nikolaj Gilbert, president and CEO of PATH. "Our global offices are more than workplaces—they're extensions of local communities and sanctuaries for team members and partners alike.

STEM Building

Mt. San Jacinto College, San Jacinto, California

Completion:	2024
Construction Budget:	~$44 million
Area:	~57,000 gsf
Cost/gsf:	~$772; ~$851 adjusted to 2026
Architect of Record:	LPA
Lab Design:	Glen Berry, FAIA; and later while employed with HERA Lab Planners
Program:	Science teaching labs for anatomy, biology, chemistry, earth science, and physics
About (from LPA website):	This project is being crafted for Mount San Jacinto Community College, located on their original campus in San Jacinto, CA. The campus has had few changes in recent years allowing this building to set a new language and precedent for the future. The building is a 3 story 57,000 sq.ft. STEM building attempting to create a new front door into the older campus. In collaboration with the college and its user groups, the program has been crafted to address the needs of the campus and elevate the expectations. The building includes labs and classrooms to accommodate the community colleges Biology, Micro-biology, Anatomy & Physiology, Chemistry, Organic Chemistry, Earth Sciences, Physics, and Math programs. In addition, it will house staff offices, conference rooms, and a large reading/study area that will serve as the main lobby, and the focal point of the project.



Thermo Fisher Scientific Lab Renovation

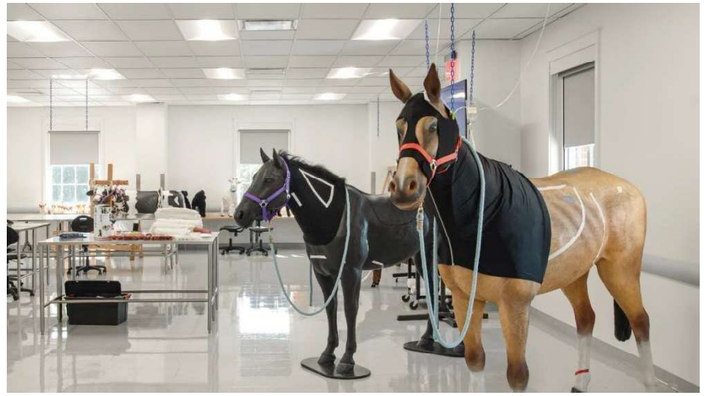
Carlsbad, California

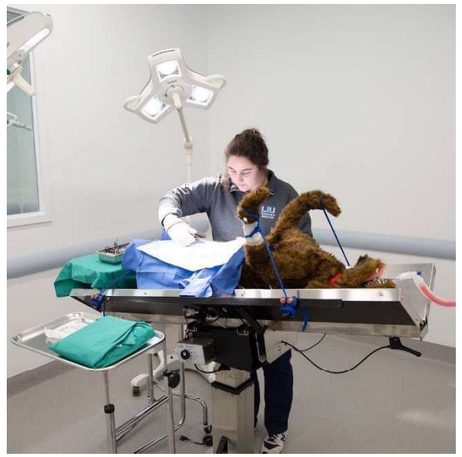
Completion:	2024
Construction Budget:	~$12 million
Area:	~8,000 gsf
Cost/gsf:	~$1,500; ~$1,653 adjusted to 2026
Architect of Record:	Gensler
Lab Design:	Glen Berry, FAIA as employee of Gensler
Program:	Life Science Research Labs
From TFS Website:	Carlsbad, CA is located in the San Diego area and is home to over 2,200 colleagues representing teams such as R&D, Digital, IT, HR, Finance, Communications, Regulatory, Legal, Distribution, Manufacturing, Quality, Commercial Sales, Marketing, Training and Customer & Technical Service. This world-class facility is designed to serve customers in molecular and cell biology, clinical applications and in applied markets such as human identification, biosecurity and quality and safety testing.

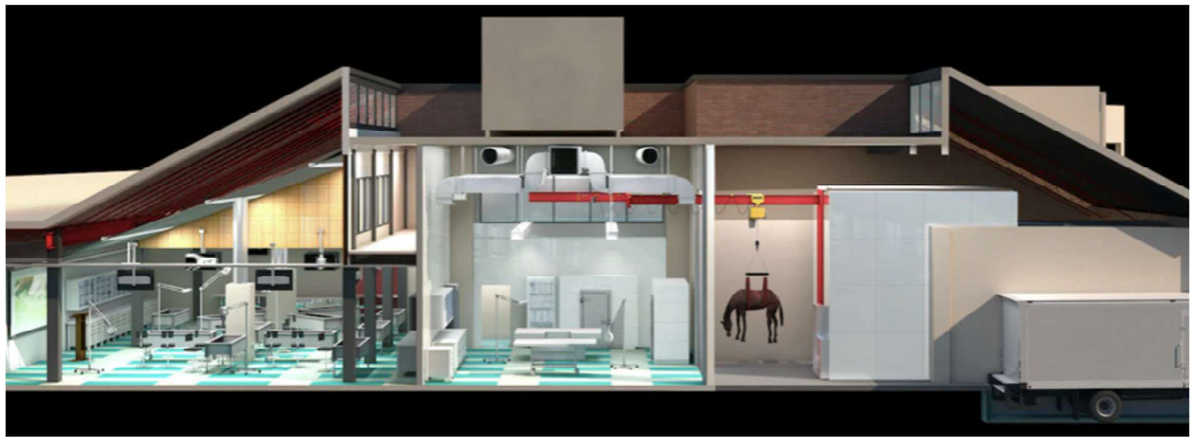
The Nucleus

Scripps & Pitzer Colleges- The Claremont Colleges, Claremont CA

Completion:	2024
Construction Budget:	~$65 million
Area:	~68,000 gsf; 42,000 nsf
Cost/gsf:	~$956; ~$1,053 adjusted to 2026
Architect of Record:	Carrier Johnson + CULTURE
Lab Design:	Glen Berry, FAIA- While employed at HERA Lab Planners
Program:	STEM undergraduate teaching labs: biology, chemistry, physics, environmental science, and interdisciplinary labs
From scrippscollege.edu website:	When Scripps and Pitzer Colleges first envisioned The Nucleus- a bold, interdisciplinary hub designed to catapult STEM education into the future- the dream felt as ambitious as it was inspiring. Today, thanks to the generosity and shared vision of our donor community, that dream is here, and it's transforming the lives of students and faculty every single day. Officially opened in fall 2024, The Nucleus is a 68,000 square foot, state-of-the-art science center featuring innovative laboratories, flexible classrooms, community meeting spaces, and light-filled courtyards that have quickly become a destination for curiosity, collaboration, and discovery. Serving as home for the Department of Natural Sciences (formerly knows as the W.M. Keck Science Department) shared between the two institutions, this multimillion investment is already elevating the sciences at Scripps in ways that ripple far beyond its walls.





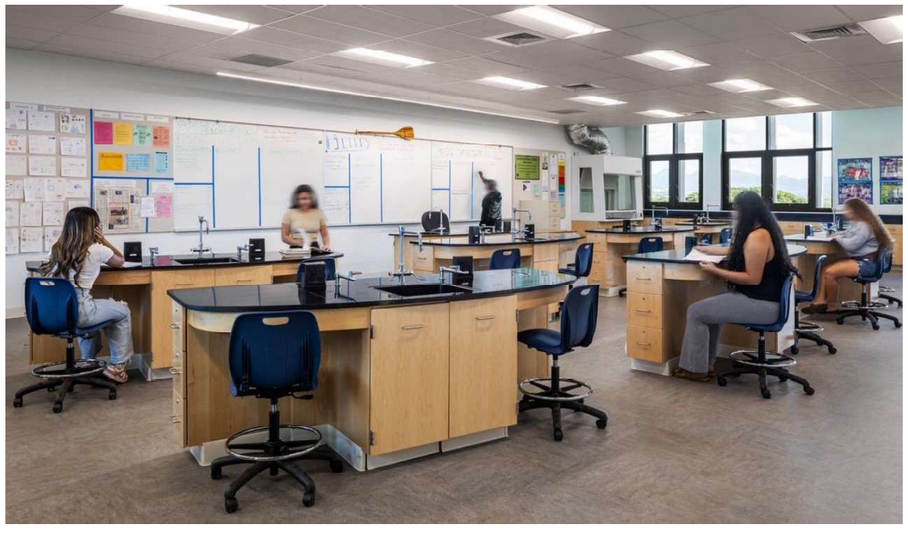


College of Veterinary Medicine

Long Island University Post, Brookville, New York

Completion:	2023
Construction Budget:	~$26 million
Area:	~32,000 gsf; ~20,000 nsf
Cost/gsf:	~$812; ~$942 adjusted to 2026
Architect of Record:	SBLM Architects PC
Contractor:	AXIS
Lab Design:	Glen Berry, FAIA
Program:	Teaching and research labs for College of Veterinary Medicine
About (from SBLM website):	Inside the new 32,000-square-foot Veterinary Learning Center, students discover real-world learning through clinical skills labs, animal surgical suites, lecture halls, and medical imaging spaces. SBLM designs the building to match the beauty and tradition of the campus, while keeping every detail focused on modern veterinary education. It's not just about creating a building—it's about shaping a place where care, science, and community come together.

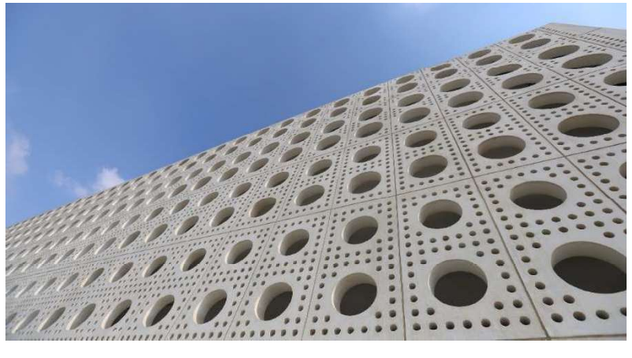
Photography by Adam Taylor



Integrated Academic Facility

Waipahu High School, Waipahu, Hawaii

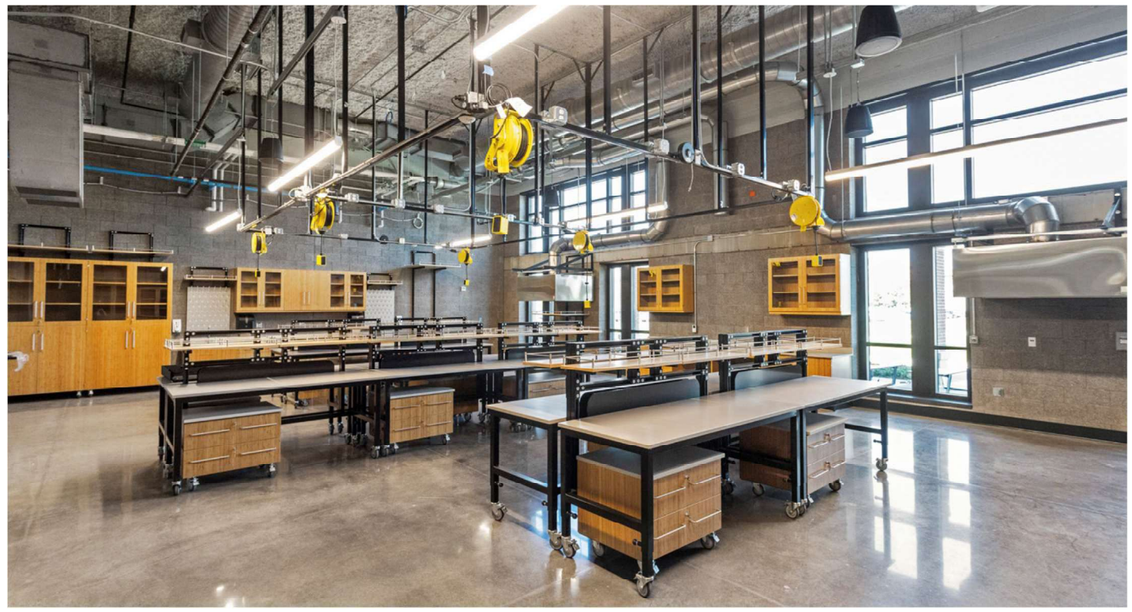
Completion:	2023
Construction Budget:	~$41 million
Area:	~30,000 gsf
Cost/gsf:	~$1,366; ~$1,890 adjusted to 2026
Architect of Record:	WRNS Studio
Lab Design:	Glen Berry, FAIA, and later as employee of HERA Lab Planners
Program:	Science teaching labs for biology, chemistry, and physics
About (from WRNS website):	A model for resilient campuses and hands-on learning: Waipahu High School offers six College and Career Ready pathways, from Arts and Communication to Health Services. As a pilot for the DOE's sustainability program, the campus plan and design focus on outdoor learning, comfort, conservation, energy efficiency, stormwater management, and adaptability. A heat abatement study supports solutions for a cooler, more resilient campus. The Integrated Academy Facility—designed as a "living building"—takes sustainability to the next level. Students engage in hands-on, project-based learning through features like biofiltration tanks, hydroponics, and visible feedback loops that integrate sustainability into daily life. This facility not only reinforces Waipahu's educational mission but also showcases how schools can serve as living models for sustainable innovation.

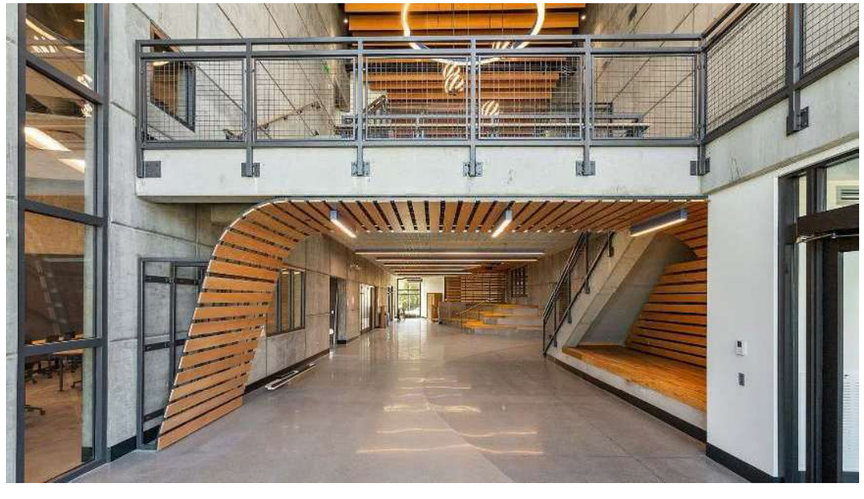


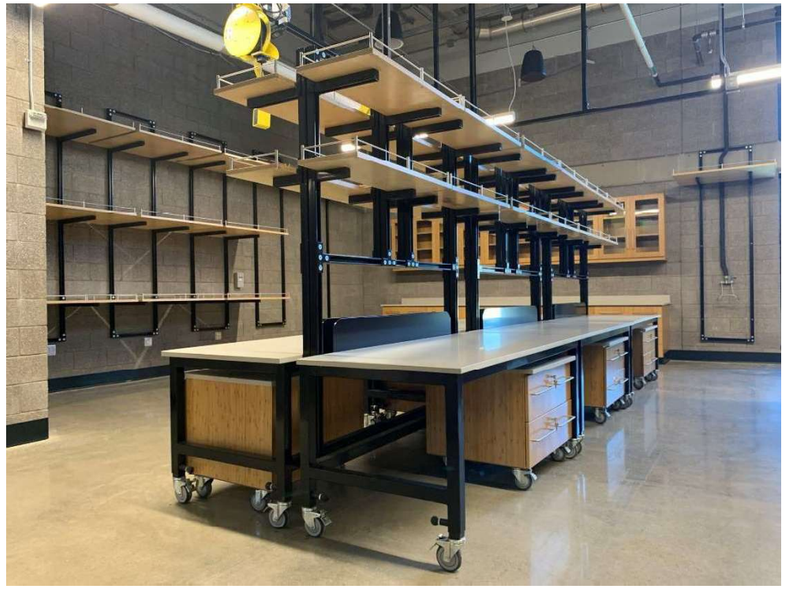
Engineering Building

Qatar University, Doha, Qatar

Completion:	2023
Construction Budget:	~$260 million
Area:	~824,000 gsf
Cost/gsf:	~$316; ~$366 adjusted to 2026
Architect of Record:	Mimar Group
Lab Design:	Glen Berry, FAIA
Sustainability:	4 Star QSAS
Program:	Research and Teaching Labs for architecture and urban planning, computer science, civil eng,, chem. eng,, elec. eng,, mech. eng,, & industrial eng.
About (from Mimar Group website):	The College of Engineering is one of the core flagships of Qatar University. The design process adhered to the Qatar Sustainability Assessment System (QSAS), showcasing the project's commitment to sustainability within Qatar's built environment. The college's 6 departments were strategically distributed across 3 main zones, each equipped with their own integrated services. Creating a balance between open spaces, semi-shaded, and fully shaded areas establishes a smooth and pleasant transition to and from the main mass. This ensures a seamless blend between the existing context and the College of Engineering's interior landscape. The architectural design responded to cultural norms by segregating the male and female zones through an exterior concourse and a wooden screen that mimics the 'mashrabiya' concept, providing visual privacy.



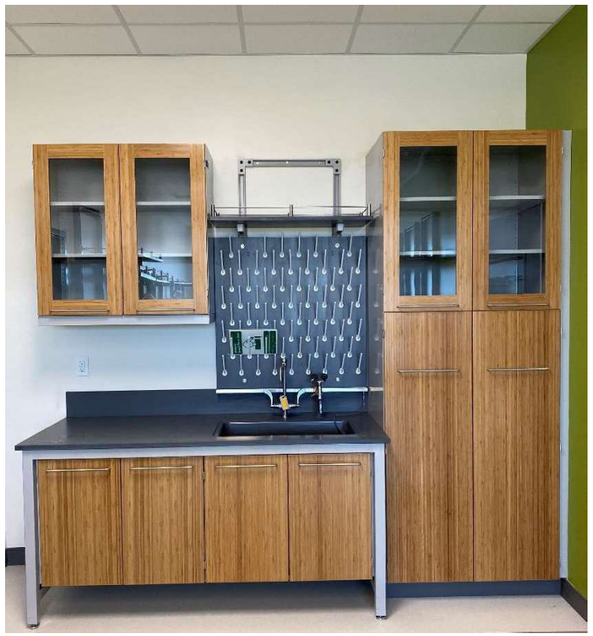




Concrete & Const. Mngmnt. Building

Middle Tennessee State Univ., Murfreesboro, Tennessee

Completion:	2023
Construction Budget:	~$40 million
Area:	~54,000 gsf
Cost/gsf:	~$740; ~$856 adjusted to 2026
Architect of Record:	Orcutt Winslow/Grace Design Studios
Lab Design:	Glen Berry, FAIA, as employee of HERA Lab Planners
General Contractor:	HOAR Construction
Lab Subcontractor:	H2I
Program:	Teaching labs for Concrete and Construction Management
About (from Grace website):	The new two-story, School of Concrete and Construction Management (SCCM) serves the needs of the School of Concrete and Construction Management department as well as providing classrooms for the general student body. The building is organized around the central atrium with distinct zones for office and industry events to one side and labs to the other, to isolate activity and acoustic needs. Windows provide safe views into labs from public areas to encourage everyone to be curious, ask questions and learn about the concrete industry. The upper floor alternates between classrooms, faculty offices and active and quiet lounges to promote interaction between the faculty and students and to provide ample space for students to use this area as their home on campus. Outdoor spaces provide a place for the general student body and a working yard concealed to the west.



Syngenta LEAF Research Center

Nampa, Idaho

Completion:	2021
Construction Budget:	~$13 million
Area:	~35,000 gsf
Cost/gsf:	~$371; ~$677 adjusted to 2026
Architect of Record:	Hummel Architects
Lab Design:	Glen Berry, FAIA, while employed with HERA Lab Planners
Lab Subcontractor:	ISEC
Program:	Research and Analytical Labs for seed health and development
About (from Syngenta website):	We're a global innovation powerhouse with local, passionate, expert teams collaborating with farmers in every corner of the world to deliver solutions and create market opportunities. Our high-technology seeds help mitigate risks such as disease, insect, and climate pressures and allow farmers to meet the ever-growing demand for food and fuel, all while using fewer inputs and taking care of the land and our resources. We have a team of 12,000 seed experts from research and seed development to production to logistics to sales and marketing, serving farmers in more than 100 countries Our network of more than 150 R&D and Production sites collaborate with universities, incubators, scientists and production growers to invest $1.4B USD annually to bring next-generation innovations to the farm. This includes our partnerships with 90,000 production growers across 35 countries to produce the demand for our seed.

Video: https://www.youtube.com/watch?v=r2d9nizCsG8

Science & Environmental Center

Nueva School, Hillsborough, California

Completion:	2021
Construction Budget:	~$10 million
Area:	~11,600 gsf
Cost/gsf:	~$862; ~$1,103 adjusted to 2026
Architect of Record:	Leddy Maytum Stacy Architects (LMSa)
Lab Design:	Glen Berry, FAIA; Later as employee of HERA Lab Planners
Recognition:	2023 AIA COTE Top Ten Net Zero Carbon
Program:	Pre-K through Middle School science teaching labs
About (From LMSa website):	The new Science and Environmental Center supports the school's evolving mission of sustainability and environmental stewardship as a foundation of 21st century education. Surrounded by a restored oak woodland ecology, eight science classrooms bring together pre-kindergarten through 8th grade students to explore the interconnectedness of humans and the natural environment. The Environmental Center is an extension of the Hillside Learning Complex, women into the striking, forested campus. A linked indoor and outdoor learning spaces serve as a living lab, where students practice sustainability, conduct environmental and social studies, and debate solutions to a range of environmental challenges. The project is 100% electric and is designed to be zero net energy, modeling a low carbon and socially equitable future.

Doheny Eye Institute

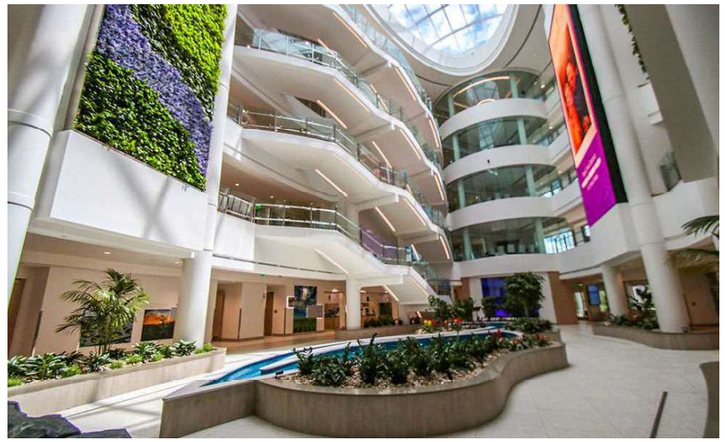
Pasadena, California

Completion:	2021
Construction Budget:	~$80 million
Area:	~115,000 gsf
Cost/gsf:	~$695; ~$1,271 adjusted to 2026
Architect of Record:	SWA Architects
General Contractor:	Abbott Construction
Lab Design:	Glen Berry, FAIA; Later as employee of HERA Lab Planners
Program:	Basic science research labs for cellular & molecular biology, including rodent vivarium.
About (from Abbott website):	A new laboratory and life science research center to restore human eyesight. Located on a lush seven-acre campus, this new state-of-the-art vision research center in partnership with UCLA Stein Eye Institute spans four stories. Extensive laboratory and life science space features biosafety cabinets, fume hoods, as well as laser lab, cold storage room, imaging, autoclave, microscopy, cellular and molecular biology, and dark room. In the executive wing, open plan workspace and office areas showcase sophisticated finishes, and include a c-suite conference room, plush reading library, and a 220-seat lecture hall for ongoing education. Like an expression of its mission to improve sight, the building’s ample windows offer unparalleled views to the outside world.

Life Science Building

University of Hawaii, Honolulu, Hawaii

Completion:	2020
Construction Budget:	~$50 million
Area:	~76,000 gsf
Cost/gsf:	~$657; ~$1,271 adjusted to 2026
Architect of Record:	G70
Lab Design:	Glen Berry, FAIA; Later as employee of HERA Lab Planners for CA phase
Program:	Life Science research and teaching labs
About (from G70 website):	The University of Hawai‘i at Mānoa Life Sciences Building encompasses 76,000 SF of the University’s life sciences program. Biology, Microbiology, Botany, and the Pacific Biosciences Research Center will be housed within the new building. Previously these departments were sprinkled around the University campus in older spaces that were lacking adequate facilities and preventing departments from receiving grants for further research. The building is a new state-of-the-art facility with flexibility built into the design to allow for the ever-changing needs of research and teaching as technology is constantly making new strides in the fields of life sciences. The Life Sciences building program consists of teaching laboratories, research laboratories, computational laboratories, and associated offices and support spaces. A large central atrium serves as a collaboration area that facilitates interaction and spontaneous dialogue between building patrons to encourage the free flowing of ideas and collaboration.



Young Living Global Headquarters

Lehi, Utah

Completion:	2020
Construction Budget:	~$80 million
Area:	263,000 gsf
Cost/gsf:	~$304; ~$532 adjusted to 2026
Architect of Record:	Scholz Architects
Lab Design:	Glen Berry, FAIA
Program:	Research labs for analytical chemistry, food science, and product engineering
About (from Young Living website):	The world-class building was designed to complement Young Living's philosophy of living harmoniously with nature. The flowing, organic design enhances a sense of community, connectivity, and communication, with a focus on green initiatives thought the indoor and outdoor designs. The five-story building offers workspace for nearly 1,000 employees and sits on a vast 27-acre site, with 3.6 acres of demonstration gardens. Young Living is the pioneer of pure, modern-day essential oils and distillation and continues to be a key influencer and leader in the global wellness movement. Young Living has grown to be one of Utah's largest companies, with a strong presence in international markets, along with numerous farms and distilleries around the world.

Photographs by Costea Photography

Video: https://www.youtube.com/watch?v=ej5L_sZEeko

Math & Science Center

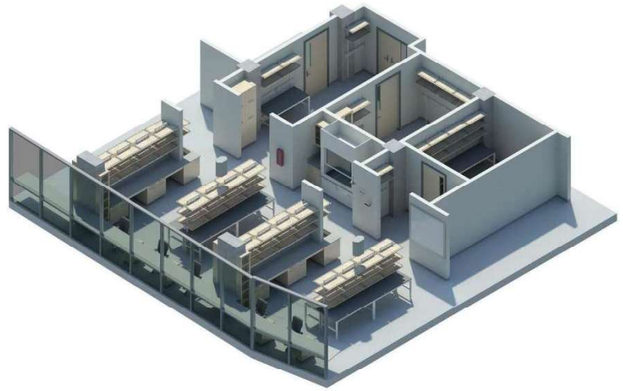
Southwestern College, Chula Vista, California

Completion:	2019
Construction Budget:	~$86 million
Area:	~103,000 gsf; 67,000 nsf
Cost/gsf:	~$834; ~$1,534 adjusted to 2026
Architect of Record:	Marlene Imirzian & Associates, Architects
Lab Design:	Glen Berry, FAIA
Program:	Undergrad teaching labs for biology, chemistry, physics, and earth science; Math classrooms.
About (From Marlene Imirzian & Associates, Architect website):	The Math, Science and Engineering Building consolidates the teaching programs of Biology, Chemistry, Physics, Geology, Geography and Mathematics into one modern facility. The new teaching and learning environments replace existing and aging facilities, constructed in the mid-sixties and early seventies. MIAA collaborated closely with the faculty and college staff to help clarify their needs. The project strives to provide more functional and adequate spaces in the new building to better accommodate both the faculty and students alike. Flexible classrooms, labs, lab support, offices and other collaborative spaces will increase efficiencies, enhance collaboration, strengthen shared purposes and promote greater learning. The project design implements recycled water for irrigation and a state of the art water harvesting system. All roof water, site rain water, and HVAC is piped to an underground cistern that is sized to handle the majority of rain events.

Health Science Building

Chapman University, Health Science Campus, Irvine, California

Completion:	2015
Construction Budget:	~$42 million
Area:	~95,000 gsf
Cost/gsf:	~$442; ~$1,087 adjusted to 2026
Architect of Record:	Aday Architects
Lab Design:	Glen Berry, FAIA
Program:	Research and teaching labs for School of Pharmacy and School of Health Sciences
About (from Chapman website):	The Rinker Campus is home to Chapman's new School of Pharmacy and the University's widely respected physical therapy doctoral program. The campus is well-positioned amid a cluster of large R&D ventures in the Irvine Spectrum area and can accommodate Chapman's continuing growth in health science graduate programs. The new campus was made possible by a $15 million gift from Newport Beach couple Harry and Diane Rinker, longtime Chapman supporters. "Chapman University has devoted significant attention to science and technology in recent years, and this gift from Harry and Diane Rinker will help propel Chapman into an area where we think we can make a long-term impact," said Chapman Chancellor Daniele Struppa. The goal of immersing students in a team-based approach to health care shaped the design of the campus.



Bioengineering Building

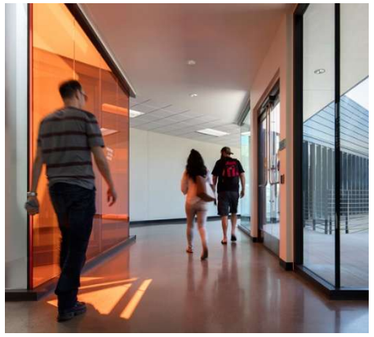
University of California, Santa Barbara

Completion:	2014
Construction Budget:	~$74 million
Area:	92,000 gsf
Cost/gsf:	~$804; ~$2,079 adjusted to 2026
Architect of Record:	Moore Ruble Yudell
Lab Design:	Glen Berry, FAIA
LEED:	Platinum
Program:	Research Labs for Biomedical Engineering
About (from MRY website):	The Bioengineering Building is a future-oriented multi-disciplinary facility that serves the growing sphere of research at the intersection of engineering and the life sciences. Dry, computational laboratory space is balanced with wet laboratories that are equipped with an array of equipment and procedure support space. These functions are complemented by administrative suites for integrated research groups. Research teams are formed to benefit from a variety of science and engineering backgrounds. Teamwork in open laboratory environments and core support spaces is complemented by “studio” spaces designed to foster computational and interactive modes of work. The project has been undertaken within an integrated design approach leading to LEED Platinum certification without incurring added cost. Extensive use of natural ventilation, daylighting strategies, and active chilled beam technologies, all support an ambitious goal towards environmental responsibility.

Muir Biology Building

University of California, San Diego

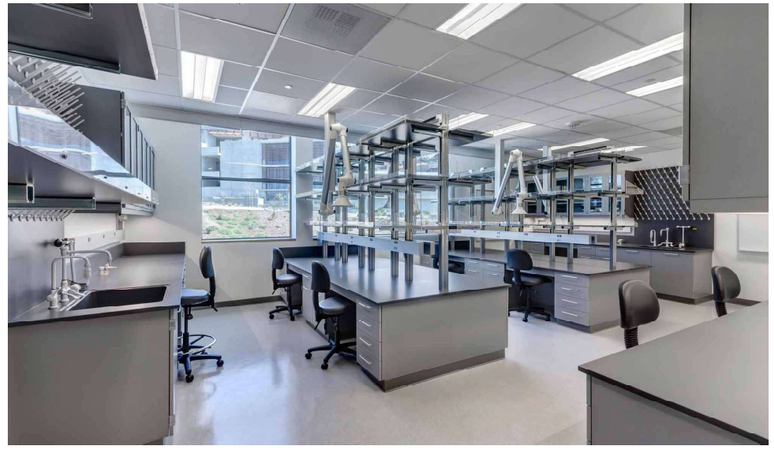
Completion:	2014
Construction Budget:	~$4 million
Area:	~8,400 gsf
Cost/gsf:	~$476; ~$1,230 adjusted to 2026
Architect of Record:	RBB, Inc.
Lab Design:	Glen Berry, FAIA
Program:	Basic life science research labs.
About (from RBB, Inc.):	RBB provided programming planning and design for renovation of the third floor laboratories and the lobby in the Muir College Biology Building. Built in 1967, this wet lab research building supports the Division of Biological Sciences' research in Cell and Developmental Biology, Ecology, Behavior and Evolution. The third-floor biology laboratories were in need of major upgrades to improve functionality, efficiency and overall safety, and encourage collaborative research. The renovation provides an open lab configuration and all new finishes. Specific upgrades include ADA compliance, fire protection systems, HVAC, fume hood replacement, plumbing, and the electrical system including lighting and standby power.



Science Building

Miramar College, San Diego

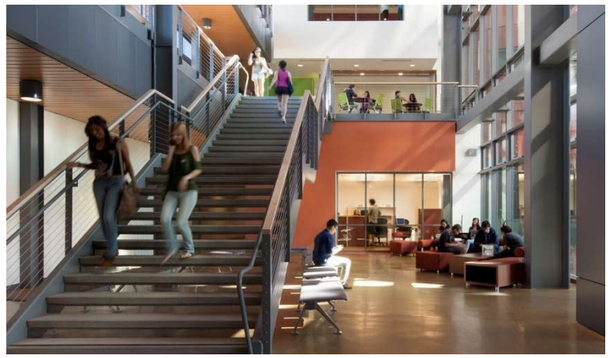
Completion:	2013
Construction Budget:	~$24 million
Area:	~49,000 gsf
Cost/gsf:	~$490; ~$1,208 adjusted to 2026
Architect of Record:	Marlene Imirzian & Associates, Architects (MIAA)
Lab Design:	Glen Berry, FAIA
Program:	Instructional science labs for biology, chemistry, earth science, and physics
About (from MIAA website):	The design provides for a major new science instructional building connecting to an existing science building in the center of a built out, dense campus. The site and building spaces are planned to foster community and interdisciplinary collaboration. The building massing and site design allow the campus landscape to continue through the first floor, creating a large, sheltered gathering/study space adjacent to meeting and collaboration rooms. Significant grade changes in the small site are designed to provide terraces, a bio pond research area, and memorial tree garden. Laboratories are placed on the second floor to allow for direct lab exhaust through the roof to limit chase areas and simplify mechanical systems. The roof includes an instructional greenhouse and an observatory instructional area, with specially designed structure for vibration resistance and telescope storage.



SIO MESOM (Marine Ecosystem Sensing, Observation, and Modeling) Laboratory

Scripps Institution of Oceanography, San Diego

Completion:	2012
Construction Budget:	~$20 million
Area:	39,500 gsf
Cost/gsf:	~$506; ~$1,303 adjusted to 2026
Architect of Record:	Hacker
Lab Design:	Glen Berry, FAIA
Certification:	LEED Platinum 2030 Compliant
Program:	Research labs for oceanography
About (from Hacker website):	SIO Goals: Create an innovative and sustainable lab building that brings together scientists from scattered locations around the University of California San Diego campus, supports their important work to study and protect the marine ecosystem, and gives them access to their larger laboratory: the Pacific Ocean. Design a building that both responds to the harsh marine environment, and fits seamlessly into the delicate nature of the cliff-side site and larger context of the Scripps historic campus.



Center for Math & Science

Los Angeles Mission College, Sylmar, California

Completion:	2012
Construction Budget:	~$80 million
Area:	~95,000 gsf
Cost/gsf:	~$842; ~$2,169 adjusted to 2026
Architect of Record:	QDG Architecture
Lab Design:	Glen Berry, FAIA
Recognition:	LEED Platinum
Program:	Undergrad teaching labs for biology, chemistry, physics, and earth science.
About (from QDG website):	The 95,000 square foot science lab building program includes 11 instructional labs for biology, chemistry, and physics; 3 computer labs and 84-seat multipurpose lecture hall. Other spaces include student and faculty lounge areas, student services office suite, sheriff's campus station & office suite, and a food service & café area. A 3-story atrium/lobby circulation space serves as a hub that ties the building together. A separate single story 9,000 square foot central plant will serve the entire east campus. An amphitheater, on-grade parking, and other site improvements complete the total scope of the project.

William H. Pennington Health Science Building

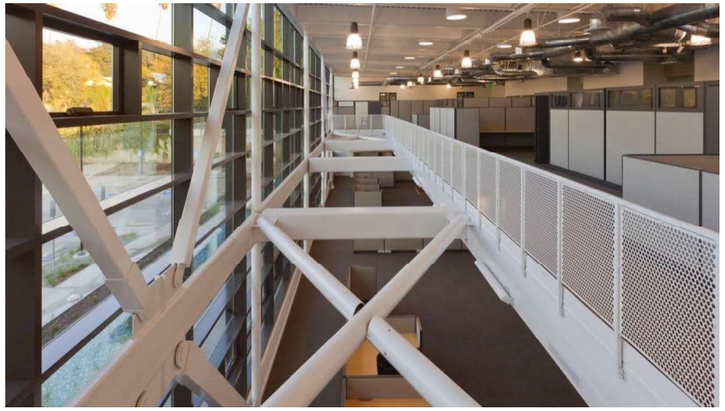
University of Nevada, Reno

Completion:	2011
Construction Budget:	~$30 million
Area:	59,000 gsf
Cost/gsf:	~$500; ~$1,331 adjusted to 2026
Architect of Record:	Van Woert Bigotti
Lab Design:	Glen Berry, FAIA
Program:	Medical School teaching labs
From UN Reno website:	The William H. Pennington Health Sciences Building is located adjacent to the Pennington Medical Education Building. With the purpose of moving toward interdisciplinary health care teams, it was constructed to meet sustainable, environmentally friendly building standards. The state-of-the-art building includes classrooms, laboratories, and simulated patient-care settings where students will participate in educational role-play with trained patients and faculty observers. The William H. Pennington Health Sciences building is also home to the Orvis School of Nursing. Located on the third floor, the Orvis School of Nursing includes its faculty and nursing offices, nursing skills lab, and administrative offices.
Video:	https://www.youtube.com/watch?v=LnrLN1AP9fo

Advanced Water Quality Assurance Lab

Fountain Valley, California

Completion:	2010
Construction Budget:	~$27 million
Area:	~41,000 gsf
Cost/gsf:	~$658; ~$2,069 adjusted to 2026
Architect of Record:	RNL Design
Lab Design:	Glen Berry, FAIA for Pre-Design Programming Phase
Program:	Analytical labs for water quality testing
About (from RNL website):	Orange County Water District (OCWD) manages the large groundwater basin that provides reliable, high-quality groundwater to 20 cities and water agencies and their 2.3 million customers in north and central Orange County. The OCWD lab facilities include analytical equipment capable of establishing water quality to the parts per million level and beyond. The facility includes a “clean lab” to support the careful monitoring of trace metals at the parts per billion level, ensuring that drinking water is always delivered in full compliance with local and federal regulations.



Pasadena Water Quality Lab

Pasadena, California

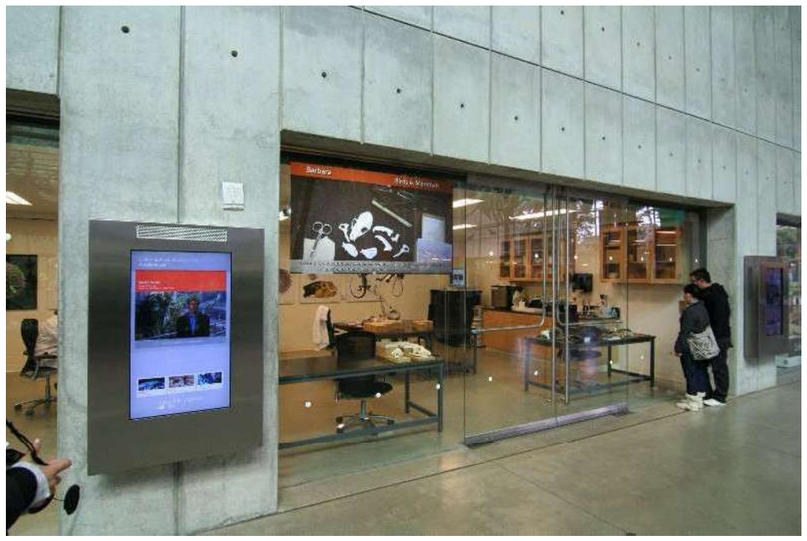
Completion:	2010
Construction Budget:	~$17 million
Area:	~32,000 gsf
Cost/gsf:	~$531; ~$1,670 adjusted to 2026
Architect of Record:	Gonzalez Goodale Architects
General Contractor	Morillo Construction
Lab Design:	Glen Berry, FAIA
LEED:	Gold
Awards:	AIA Merit Award- Pasadena/Foothill AIA
Program:	Analytical labs for water quality testing
About (from Gonzalez Goodale website):	A rough, utilitarian building, supporting the field operations, the PWP and the Citty nonetheless charged it with serving as a public demonstration of sustainability. The building achieved a LEED Gold rating through such initiatives as double-height workspaces lit by an all-glass north façade; layered screening of remaining facades and windows with perforated metal panels, and raw, locally-sourced materials. A steel braced-frame and base-isolation foundation system assured the building's performance as an Essential Facility/Emergency Operations Center and anchored the building's aesthetic.

Ralph & Betty Englestad Research Building- Nevada Cancer Institute

Las Vegas, Nevada

Completion:	2009
Construction Budget:	~$63 million
Area:	~84,000 gsf
Cost/gsf:	~$750; ~$2,139 adjusted to 2026
Architect of Record:	TKC Design PC
Lab Design:	Glen Berry, FAIA
Program:	Life Science research labs for cancer research
From Wikipedia:	Nevada Cancer Institute (NVCI), founded in 2002, was the official cancer institute for the state of Nevada from 2003 to 2013, located in Summerlin, Nevada. The Institute became part of UC San Diego Health in February, 2012. A non-profit organization, NVCI served patients throughout the greater Las Vegas area, offering full-service clinics in Summerlin, Nevada, and at University Medical Center, in the downtown medical district. The Institute provided inpatient treatment services such as chemotherapy, radiation and diagnostic imaging services, as well as an array of clinical trials. In November 2013, Roseman University completed a merger with the former Nevada Cancer Institute Foundation that expedited Roseman's planning for a premier community-based medical school, the first allopathic medical school in Nevada. NVCI's Ralph and Betty Engelstad Research Building provided the home for Roseman's College of Medicine in Summerlin, which then continued to house NVCI researchers.

Watsonville Water Resources Center	
Watsonville, California	
Completion:	2009
Construction Budget:	~$11 million
Area:	~16,000 gsf
Cost/gsf:	~$687; ~$2,268 adjusted to 2026
Architect of Record:	WRNS Studio
Lab Design:	Glen Berry, FAIA
General Contractor:	Devcon Construction- CM at Risk
Mechanical/Plumbing Engineer	Rumsey Engineers
Electrical Engineer	Integrated Design Associates
LEED:	Platinum
Awards:	AIA COTE Top 10 Green Building 2010
Program:	Analytical labs for water quality testing
About (from WRNS website):	The Watsonville Water Resources Center provides recycled water to farmers in South Santa Cruz and North Monterey counties. By treating wastewater for agricultural use, the project conserves overdrawn groundwater and prevents saltwater intrusion in coastal wells, while reducing wastewater discharges into the Monterey Bay National Marine Sanctuary. It is one of the nation's first net zero energy civic projects. The Watsonville Water Resources Center is a functional, educational, and visual extension of the water recycling plant it supports. The center houses administrative offices, a water quality laboratory, and educational spaces, bringing together three city and county water departments, fostering ongoing collaboration on water management, conservation, and quality.



California Academy of Sciences

San Franciso, California

Completion:	2008
Construction Budget:	~$500 million
Area:	~410,000 gsf
Cost/gsf:	~$1,200; ~$2,880 adjusted to 2026

Named by ***TIME*** Magazine as one of the Great Buildings of the World

LEED:	Platinum; Largest LEED Platinum Building in the world at the time of construction completion
Design Architect:	Renzo Piano Building Workshop, Genoa, Italy
Architect of Record:	Stantec
MEP Engineer:	Arup
Lab Design:	Glen Berry, FAIA
Program:	Research labs for botany, cytology, entomology, geology, herpetology, ichthyology, and zoology
Mission (from CAS website):	Regeneration: Within a generation, we envision a natural world that grows healthier, more resilient, and wilder each year. By regenerating critical ecosystems, we can help human and animal communities thrive.
About (from CAS website):	Life-changing moments. World-changing science. We're an aquarium, planetarium, rainforest, and natural history museum in the heart of San Francisco's Golden Gate Park—and a powerful voice for biodiversity research and exploration, environmental education, and sustainability across the globe.

Biomedical Sciences Building

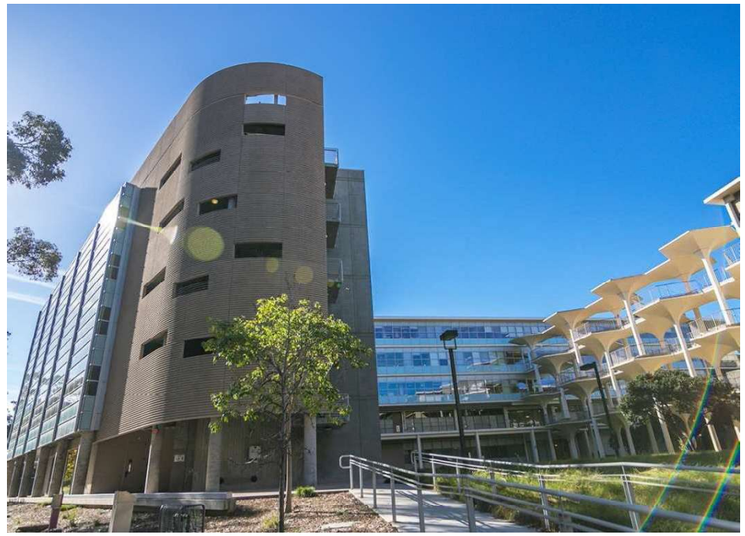
University of California, Santa Cruz

Completion:	2007
Construction Budget:	~$40 million
Area:	~95,000 gsf
Cost/gsf:	~$348; ~$1,262 adjusted to 2026
Architect of Record:	EHDD
Lab Design:	Glen Berry, FAIA
LEED:	Gold
Program:	Research Labs for Biomedical Engineering
About (from EHDD website):	The University of California, Santa Cruz Biomedical Sciences Building is one of several science buildings on campus that together create a biomedical “research cluster” organized by research interest rather than department. This facilitates interdisciplinary collaboration and addresses the research and teaching goals of UC Santa Cruz. EHDD’s design for the Biomedical Sciences Building consists of four floors of laboratory, office, and administrative functions over a basement level vivarium. This unique space provides interdisciplinary wet laboratory space and core specialized facilities for scientists concentrating on health and medical issues from Molecular and Cellular Biology, Chemistry and Biochemistry, Environmental Toxicology, and Biomolecular Engineering.

Computational Research & Visualization Building

Desert Research Institute; University of Nevada, Reno

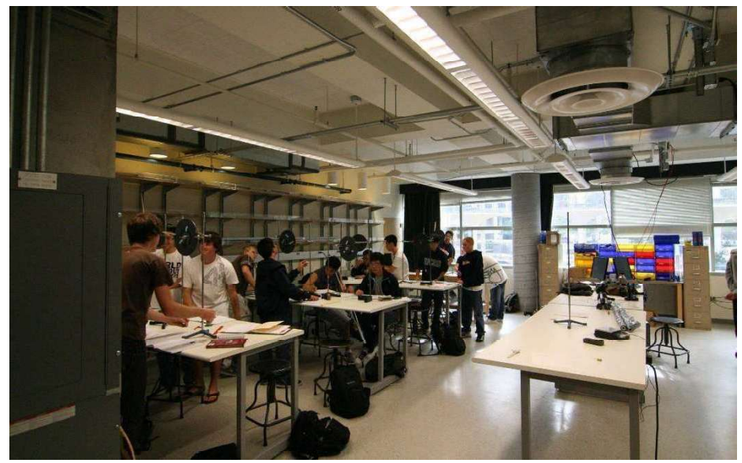
Completion:	2007
Construction Budget:	~$26 million
Area:	40,000 gsf
Cost/gsf:	~$650; ~$2,152 adjusted to 2026
Architect of Record:	Van Woert Bigotti Architects
Lab Design:	Glen Berry, FAIA
Program:	Computational research labs with CAVE visualization lab
About (from UN Reno website):	The state-of-the-art building features the first six-sided CAVE in the Western U.S. The CAVE is a virtual reality display that allows users to move physically into and interact with a simulated, recreated, imagined or altered world. The CAVE will be used for computational research programs, such as modeling and simulation-based research. In addition, the facility houses a six-sided stereo projection system that provides DRI and Nevada with a unique simulation technology that benefits state, national, and international researchers; federal and state agencies, and the general public.

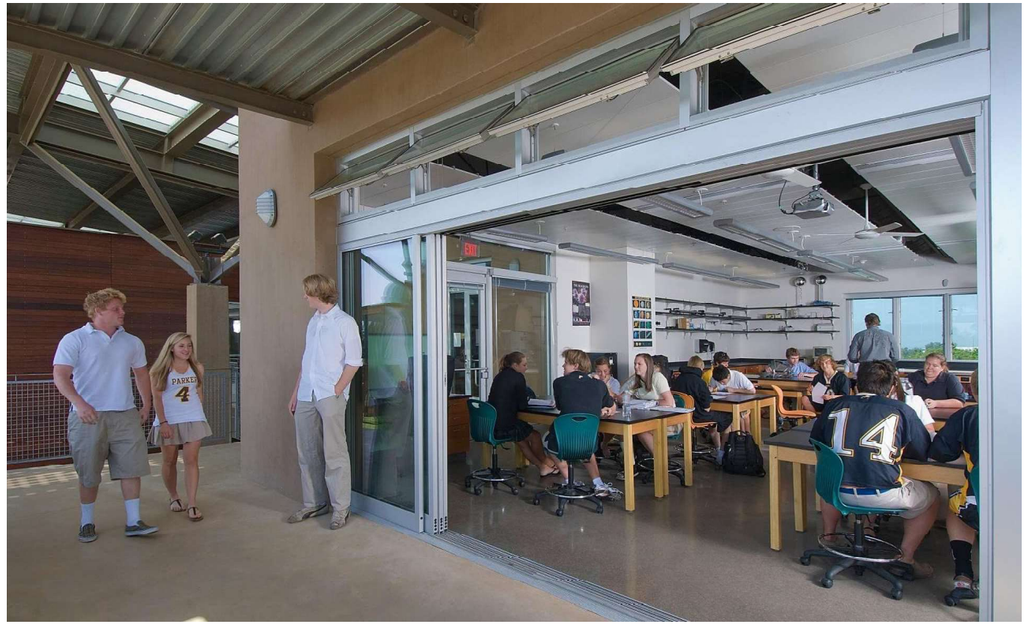


Mayer Hall Addition & Renovation

University of California, San Diego

Completion:	2007
Construction Budget:	~$45 million
Area:	112,000 gsf
Cost/gsf:	~$402; ~$1,331 adjusted to 2026
Architect of Record:	Perkins & Will
Lab Design:	Glen Berry, FAIA
Program:	Research and Teaching labs for physical science
From UCSD website:	The American Physical Society has designated UC San Diego's Mayer Hall as a historic site in recognition of research conducted by physicists Walter Kohn and Lu Jeu Sham on density functional theory. Their development of the "Kohn-Sham equation" inside Mayer Hall became the foundation for the computation of the material properties of electrons and nuclei. For this work, Kohn received the 1998 Nobel Prize in Chemistry.
Video:	https://www.youtube.com/watch?v=qZZ8mbNCAhs4

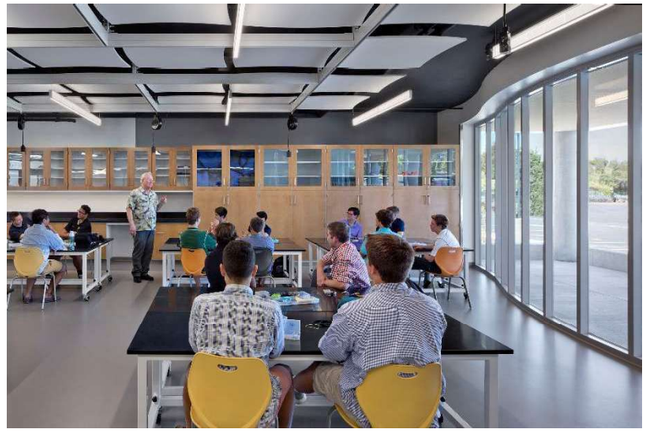


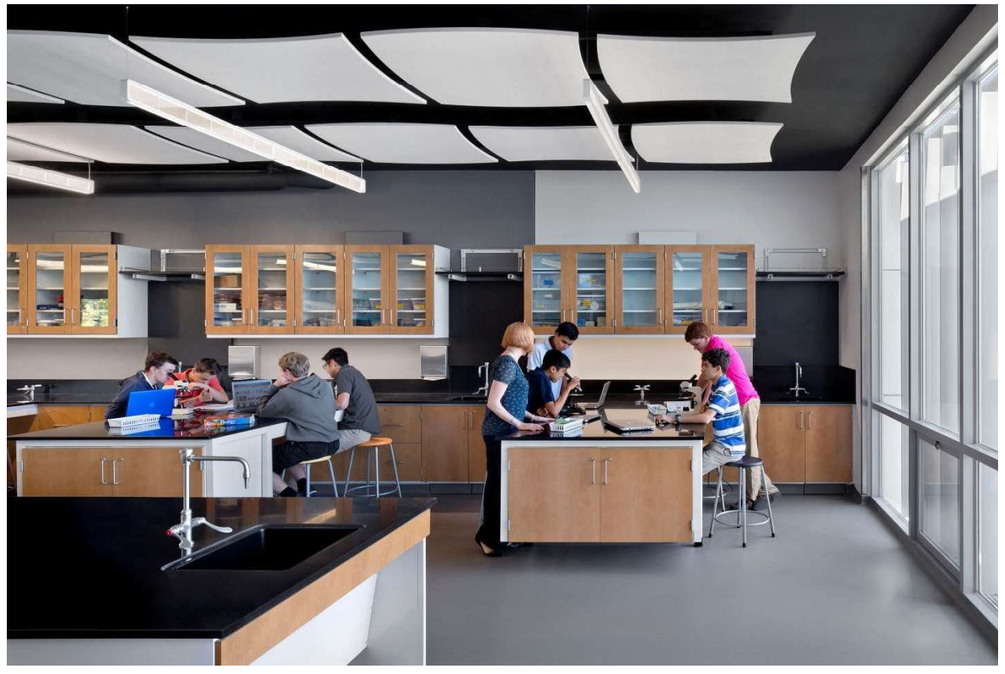


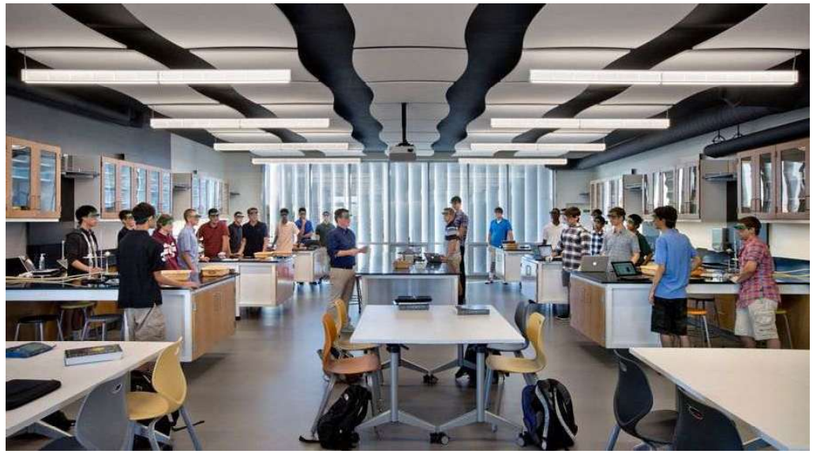
Francis Parker School

San Diego, California

Completion:	2007
Construction Budget:	~$49 million
Area:	122,000 gsf
Cost/gsf:	~$401; ~$1,328 adjusted to 2026
Architect of Record:	Lake Flato
Lab Design:	Glen Berry, FAIA
Award:	2009 AIA Committee on Architecture for Education Facility Design Award
Program:	Teaching labs for secondary education
About (from Lake Flato website):	Lake Flato worked with Francis Parker School to complete 14 mew multi-story classroom buildings that open onto landscaped courtyards, taking advantage of San Diego's benevolent climate. The campus features exterior walkways and operable window walls that connect students to the outdoors. Students, faculty, and administration participated in the design process, reflecting the school's open approach to education. By their very architectural nature, the buildings serve as pedagogical tools, demonstrating Frances Parker School's emphasis on process and transparency.





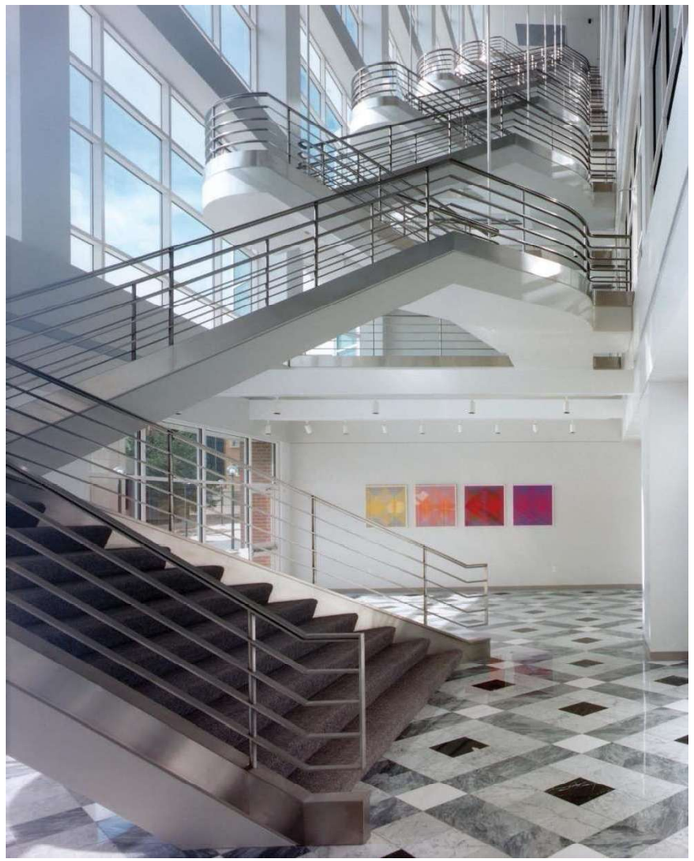


S.T.R.E.A.M. Center

De La Salle High School, Concord, California

Completion:	2005
Construction Budget:	~$15 million
Area:	~39,000 gsf; ~25,000 nsf
Cost/gsf:	~$384; ~$1,398 adjusted to 2026
Architect of Record:	Ratcliff
Contractor:	Cahill Contractors- CM at Risk
Lab Design:	Glen Berry, FAIA
Program:	High School teaching labs for science, technology, robotics, engineering, arts, and math.
About (from Racliff website):	As part of a phased, 20-year master plan produced by Ratcliff to support the school's changing program and need for future expansion, Phase 2 encompasses the design of a new STREAM (Science, Technology, Robotics, Engineering, Art and Math) Innovation Center for the campus. The 39,000 sf Center supports and enhances the interdisciplinary interaction of the Science, Technology, Robotics, Engineering, Art and Math departments. Although each classroom is specifically designed for its program, the project creates spaces both inside and out that provide blended, collaborative project opportunities. These physical relationships encourage synergies between different disciplines with opportunities for sharing space, tools, equipment—and most importantly, ideas. Interactive spaces also support the faculty, with collocated department offices and conference rooms adjacent to teaching spaces, where faculty can share ideas and engage with students.

Video: https://www.youtube.com/watch?v=31C8SoKC-t8



Eccles Human Genetics Research Building

University of Utah; Howard Hughes Medical Institute

Completion:	1990
Construction Budget:	~$25 million
Area:	~154,000 gsf
Cost/gsf:	~$162; ~$1,319 adjusted to 2026
Architect of Record:	FFKR
MEP Engineer:	VBFA
Lab Design:	Glen Berry, FAIA, while employed at FFKR 1986-87; with Lab Design Review and Specs by RFD, San Diego
Program:	Molecular & cellular biology research labs for the Howard Hughes Medical Institute
Award:	R&D Magazine Laboratory of the Year- High Honors
About (from RFD website):	Facility includes Generic Research Laboratories for the Howard Hughes Medical Institute and the University of Utah. Molecular Biology and Molecular Genetic Research Laboratories are supported by Tissue Culture Laboratories, DNA Laboratories, Glassware Washing/Autoclave, and laboratory support facilities.