

L. S. Skaggs College of Pharmacy

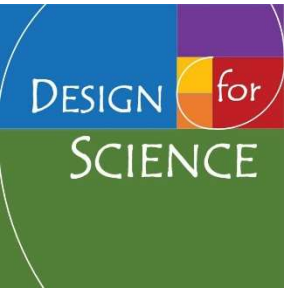
Idaho State University, Pocatello, Idaho

Completion:	2025
Construction Budget:	~\$21 million
Area:	~32,000 gsf
Cost/gsf:	~\$656; ~\$723 adjusted to 2025

Architect of Record:	Hummel Architects
Associate Design Architect:	Gensler
Architect:	Glen Berry, FAIA, as employee of 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
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About (from Hummel website):	Hummel collaborated with Big-D Construction and ISU to transform outdated laboratories and classrooms into a cutting-edge hub for learning, research, and innovation.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.
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PATH Research Center

Seattle, Washington

Completion:	2025
Construction Budget:	~\$18 million
Area:	~52,000 gsf
Cost/gsf:	~\$346; ~\$498 adjusted to 2025
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):	<p>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.</p> <p>“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.</p>





Thermo Fisher Scientific Lab Renovation

Carlsbad, California

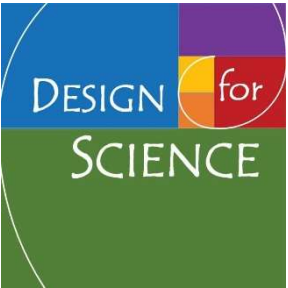
Completion:	2024
Construction Budget:	~\$12 million
Area:	~8,000 gsf
Cost/gsf:	~\$1,500; ~\$1,575 adjusted to 2025

Architect of Record:	Gensler
Lab Design:	Glen Berry, FAIA as employee of Gensler

Program:	Life Science Research Labs
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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.
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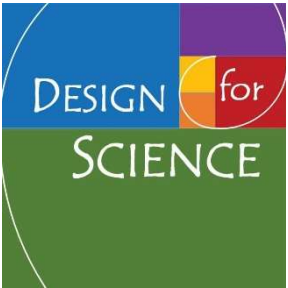




STEM Building	
Mt. San Jacinto College, San Jacinto, California	
Completion:	2024
Construction Budget:	~\$44 million
Area:	~57,000 gsf
Cost/gsf:	~\$772; ~\$1,164 adjusted to 2025
Architect of Record:	LPA
Lab Design:	Glen Berry, FAIA; and later while employed with HERA Lab Planners
Program:	Science teaching 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, Microbiology, 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.

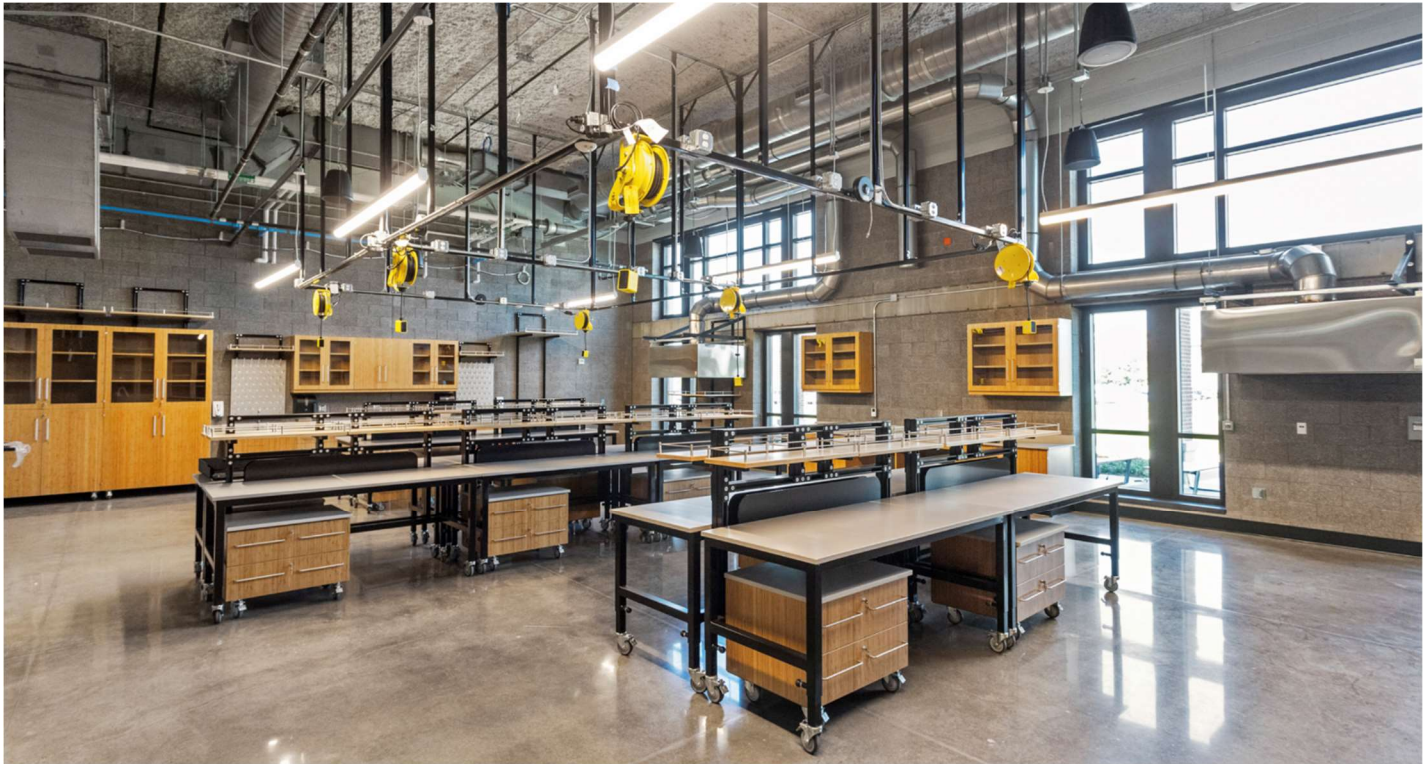
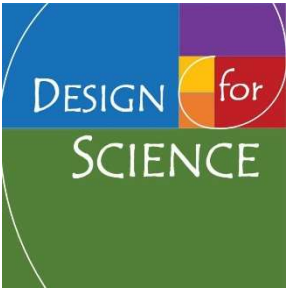


Photography by Adam Taylor



Integrated Academic Facility	
Waipahu High School, Waipahu, Hawaii	
Completion:	2023
Construction Budget:	~\$41 million
Area:	~30,000 gsf
Cost/gsf:	~\$1,366; ~\$1,800 adjusted to 2025
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.





Concrete & Const. Mngmnt. Building

Middle Tennessee State Univ., Murfreesboro, Tennessee

Completion:	2023
Construction Budget:	~\$40 million
Area:	~54,000 gsf
Cost/gsf:	~\$740; ~\$1,172 adjusted to 2025

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
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About (from Grace website):	<p>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.</p> <p>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.</p> <p>Outdoor spaces provide a place for the general student body and a working yard concealed to the west.</p>
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Engineering Building

Qatar University, Doha, Qatar

Completion:	2023
Construction Budget:	~\$137 million
Area:	~824,000 gsf
Cost/gsf:	~\$150; ~\$237 adjusted to 2025

Architect of Record:	Mimar Group
Lab Design:	Glen Berry, FAIA

Sustainability:	4 Star QSAS
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Program:	Research and Teaching Labs for architecture and urban planning, computer science, civil eng,, chem. eng,, elec. eng,, mech. eng,, & industrial eng.
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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.
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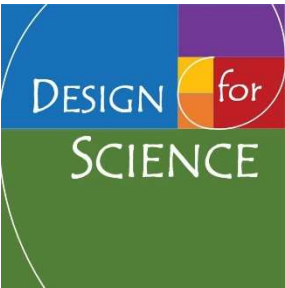


Syngenta Research Center Nampa, Idaho	
Completion:	2021
Construction Budget:	~\$13 million
Area:	~35,000 gsf
Cost/gsf:	~\$371; ~\$645 adjusted to 2025
Architect of Record:	Hummel Architects
Lab Design:	Glen Berry, FAIA, while employed with HERA Lab Planners
Lab Subcontractor:	ISEC
Program:	Research and Analytical Labs for seed health and development
About (from Syngenta website):	<p>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.</p> <p>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</p> <p>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.</p>



Doheny Eye Institute	
Pasadena, California	
Completion:	2021
Construction Budget:	~\$80 million
Area:	~115,000 gsf
Cost/gsf:	~\$695; ~\$1,211 adjusted to 2025
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):	<p>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.</p> <p>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.</p>





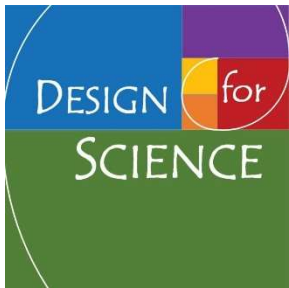
Life Science Building

University of Hawaii, Honolulu, Hawaii

Completion:	2020
Construction Budget:	~\$50 million
Area:	~76,000 gsf
Cost/gsf:	~\$657; ~\$1,211 adjusted to 2025
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.
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Health Science Building

Chapman University, Irvine, California

Completion:	2015
Construction Budget:	~\$42 million
Area:	~95,000 gsf
Cost/gsf:	~\$442; ~\$1,036 adjusted to 2025

Architect of Record:	Aday Architects
Lab Design:	Glen Berry, FAIA

Program:	Research and teaching labs for School of Pharmacy and School of Health Sciences
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About (from Chapman website):	<p>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.</p>
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Muir Biology Building

University of California, San Diego

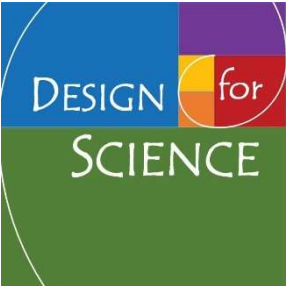
Completion:	2014
Construction Budget:	~\$4 million
Area:	~8,400 gsf
Cost/gsf:	~\$476; ~\$1,172 adjusted to 2025

Architect of Record:	RBB, Inc.
Lab Design:	Glen Berry, FAIA

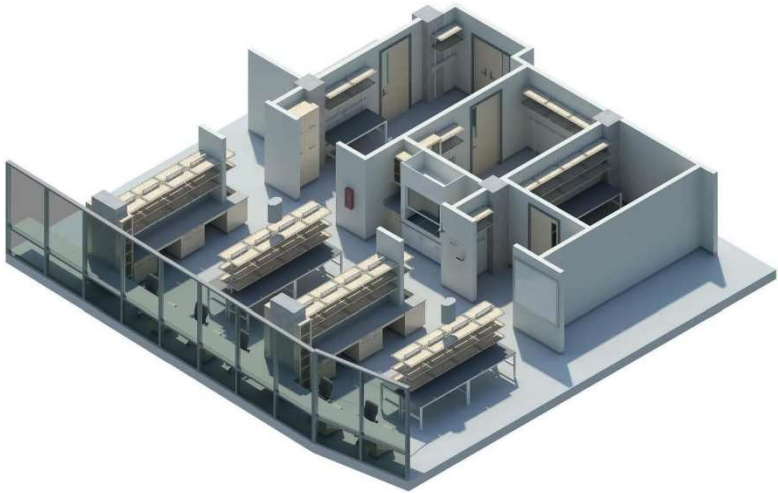
Program:	Basic life science research labs.
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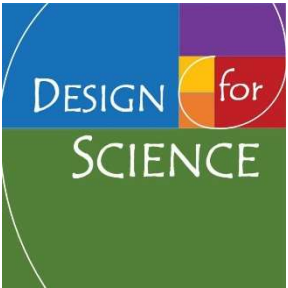
About (from RBB, Inc.):	RBB provided programming planning and design for renovation of the third floor laboratories and the lobby in the Muir College Biology Building. Built in 1967, this wet lab research building supports the Division of Biological Sciences' research in Cell and Developmental Biology, 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.
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Bioengineering Building	
University of California, Santa Barbara	
Completion:	2014
Construction Budget:	~\$74 million
Area:	~92,000 gsf
Cost/gsf:	~\$804; ~\$1,980 adjusted to 2025
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.





Advanced Water Quality Assurance Lab

Fountain Valley, California

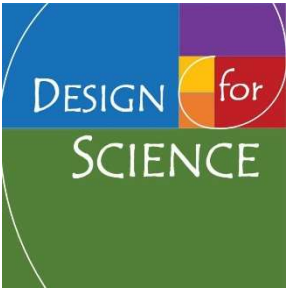
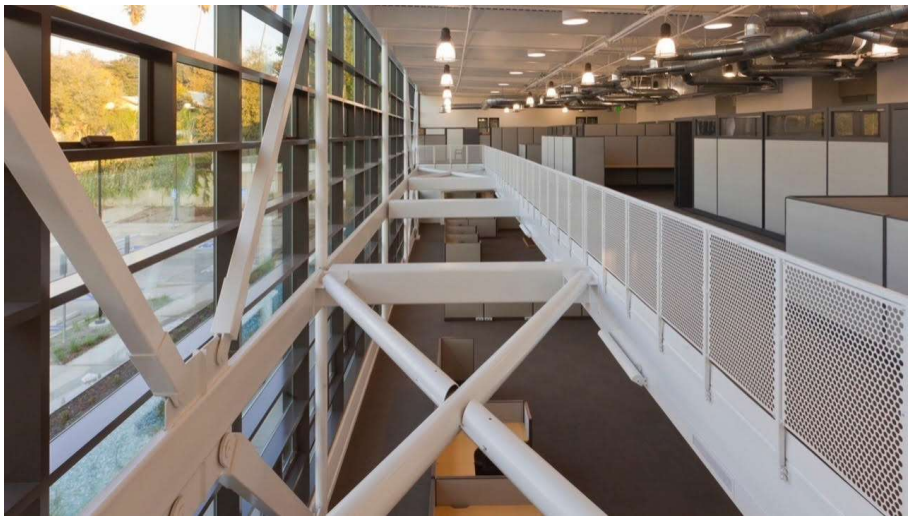
Completion:	2010
Construction Budget:	~\$27 million
Area:	~41,000 gsf
Cost/gsf:	~\$658; ~\$1,971 adjusted to 2025

Architect of Record:	RNL Design
Lab Design:	Glen Berry, FAIA for Pre-Design Programming Phase

Program:	Analytical labs for water quality testing
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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.
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Pasadena Water Quality Lab	
Pasadena, California	
Completion:	2010
Construction Budget:	~\$17 million
Area:	~32,000 gsf
Cost/gsf:	~\$531; ~\$1,591 adjusted to 2025
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):	<p>A rough, utilitarian building, supporting the field operations, the PWP and the City nonetheless charged it with serving as a public demonstration of sustainability.</p> <p>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.</p> <p>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.</p>





Watsonville Water Resources Center

Watsonville, California

Completion:	2009
Construction Budget:	~\$11 million
Area:	~16,000 gsf
Cost/gsf:	~\$687; ~\$2,160 adjusted to 2025

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
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Awards:	AIA COTE Top 10 Green Building 2010
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Program:	Analytical labs for water quality testing
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About (from WRNS website):	<p>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.</p>
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California Academy of Sciences

San Francisco, California

Completion:	2008
Construction Budget:	~\$500 million
Area:	~410,000 gsf
Cost/gsf:	~\$1,200; ~\$3,957 adjusted to 2025

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
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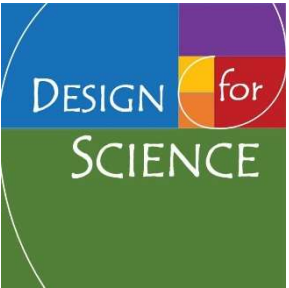
Design Architect:	Renzo Piano Building Workshop, Genoa, Italy
Architect of Record:	Stantec
MEP Engineer:	Arup
Lab Design:	Glen Berry, FAIA

Program:	Research labs for botany, cytology, entomology, geology, herpetology, ichthyology, and zoology
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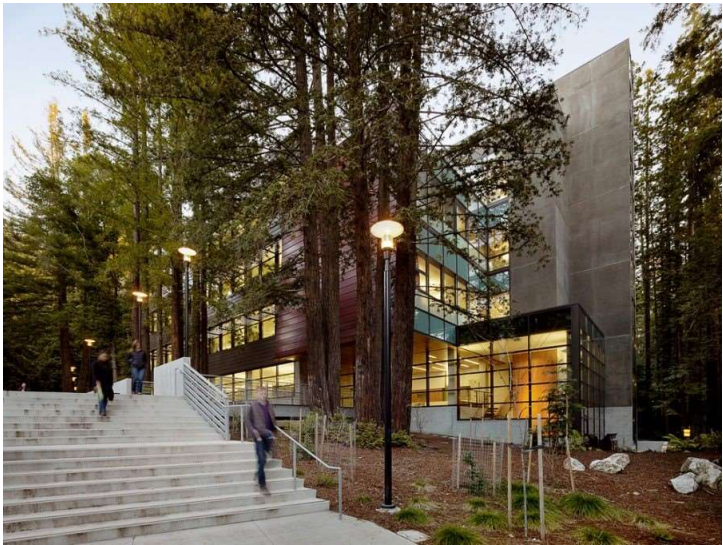
Mission (from CAS website):	Regeneration: Within a generation, we envision a natural world that grows healthier, more resilient, and wilder each year. By regenerating critical ecosystems, we can help human and animal communities thrive.
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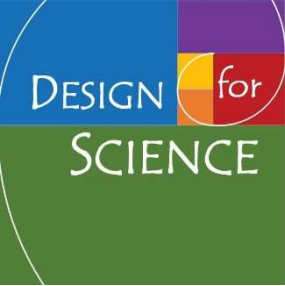
About (from CAS website):	Life-changing moments. World-changing science. We're an aquarium, planetarium, rainforest, and natural history museum in the heart of San Francisco's Golden Gate Park—and a powerful voice for biodiversity research and exploration, environmental education, and sustainability across the globe.
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Biomedical Sciences Building	
University of California, Santa Cruz	
Completion:	2007
Construction Budget:	~\$40 million
Area:	~95,000 gsf
Cost/gsf:	~\$348; ~\$1,202 adjusted to 2025
Architect of Record:	EHDD
Lab Design:	Glen Berry, FAIA
LEED:	Gold
Program:	Research Labs for Biomedical Engineering
About (from EHDD website):	<p>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.</p> <p>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.</p>





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; ~\$1,257 adjusted to 2025
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.

