

James Liu

Structural Engineer and Associate Principal



James Liu joined Degenkolb in 1999 after receiving his Master of Science degree from the University of California, Davis. His portfolio includes work in the healthcare, higher education, and science/technology markets. He specializes in the seismic upgrade and renovations of existing structures.

Education

B.S. Architectural Engineering, California
Polytechnic State University, San Luis Obispo,
1997

M.S. Structural Engineering, University of California,
Davis, 1999

Registration

California – Civil Engineer, 2001
License No. 63766

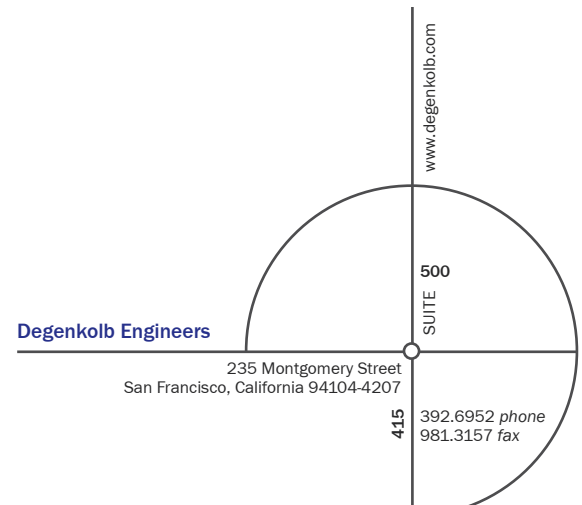
California – Structural Engineer, 2006
License No. 4935

Professional Affiliations

Earthquake Engineering Research Institute

Structural Engineers Association of Northern
California

American Society of Civil Engineers



James Liu

Relevant Experience

RELEVANT EXPERIENCE

Alta Bates Summit Medical Center Merritt, Bed Tower

Addition

Oakland, CA

Design a 236,000 square foot steel-framed hospital addition. structure The current cost estimate for this building is approximately \$165 million.

Kaiser Medical Office Building

Oakland, CA

Designed this 165,000 square foot, \$59 million medical office building with 50 provider offices and a cancer treatment center. Services at the six-story steel frame structure include radiation therapy, education classes, pharmacy, neurology, pediatric rehabilitation and adult physical therapy. The structural system is a buckling restrained braced frame supported on concrete basement walls and a mat foundation. In addition, Degenkolb provided design documents for the design-build of a 4-story parking structure that includes retail space.

Lake Merritt Boat House

Oakland, CA

Architectural and seismic renovation of the historic 1907 Pump House and 1917 Wings. Buildings are one and two stories tall and of steel and concrete construction. Renovation includes interior design for a new restaurant along with seismic renovation of the existing lateral force resisting system.

Diablo Valley College Life Science Bldg Retrofit

Pleasant Hill, CA

Provided structural engineering services for the seismic retrofit of this 34,600 square foot, two-story structure with a new one-story addition and new elevator core/stairwell. Retrofit included new exterior plywood shear walls with anchored brick veneer and the replacement of tension only rod bracing, as well as the addition of new interior plywood shear walls.

ADDITIONAL PROJECTS

Catholic Healthcare West, Sequoia Hospital,
Redwood City, CA

UCB MSRI Auditorium Addition, Berkeley, California

Lawrence Livermore National Laboratories B231
Seismic Evaluation, Livermore, CA

Kaiser Richmond Lab Retrofit/Tenant Improvement,
Richmond, CA

Kaiser Northern California, SB 1953 Compliance
Plans

College of Marin, Measure C Master Planning and
Seismic Evaluations, Kentfield, CA

California Pacific Medical Center, Women's and
Children's Consolidation Project, San Francisco,
CA

Fire Station No. 18, Design, Oakland, CA

Evergreen Valley Community College, DSA
Plancheck, San Jose, CA