

**Laurie K. Johnston**

Structural Engineer and Associate Principal



**Education**

B.S. Civil Engineering  
University of California, Los Angeles, 1994

M.Eng. Structural Engineering  
University of California, Berkeley, 1995

**Registration**

California – Structural Engineer, 2000  
License No. 4522

California – Civil Engineer, 1997  
License No. 57348

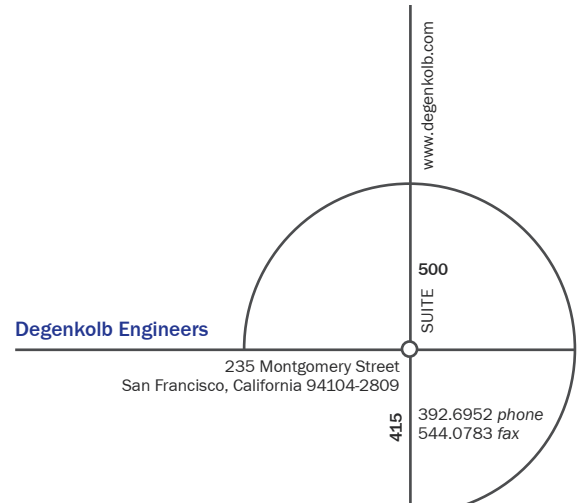
LEED Accredited

**Professional Affiliations**

Structural Engineers Association of Northern California

U.S. Green Building Council

**Laurie Johnston** joined Degenkolb Engineers in 1995 after receiving her Master's degree in Structural Engineering at the University of California, Berkeley. Her experience includes working on teams for the design of new buildings and evaluation of existing structures for seismic safety. Laurie has extensive experience in seismic analysis and seismic evaluations of existing structures. Her design and evaluation experience includes a wide variety of structures such as high tech and manufacturing facilities, historic buildings, hospitals, office buildings, and transportation structures. She is a LEED accredited professional in the design of sustainable buildings and is an active member of the U.S. Green Building Council.



## **Laurie K. Johnston**

Relevant Experience

### **Various Seismic Consulting Services, Western Digital Fremont, California**

Providing consulting services related to the implementation of a seismic program for Western Digital.

### **Agilent Technologies, Inc., Western United States**

Serves as project team member in providing consulting services to support Agilent's Seismic Program.

### **B51 52, 53, Agilent Technologies, Santa Clara, California**

Design the seismic upgrade and remodel of multiple two and three-story structures for this corporate campus.

### **B1,2,3, Agilent Technologies, Santa Rosa, California**

Design the seismic upgrade and remodel of multiple two and three-story structures for this corporate campus.

### **Building 44 and 46, Hewlett-Packard Company, Cupertino, California**

Project team member for the seismic upgrade of these two steel braced frame buildings.

### **Corporate Seismic Program, Hewlett-Packard Company**

As project team member, currently providing (on an ongoing basis) consulting for a seismic hazard reduction program that Degenkolb developed with HP.

### **Hewlett-Packard Company, Aguadilla, Puerto Rico**

Provided strengthening concepts for a steel braced frame manufacturing facility.

### **Life Sciences and Student Services, Complex and Campus Center, Foothill College, Los Altos Hills, California**

As project team member, designing new, cast-in-place concrete, five building complex.

### **Mitchell Earth Sciences Building, Stanford University, Stanford, California**

Project team member for conducting a nonlinear analysis, using FEMA 273 and ATC-40, to evaluate the post elastic (damage state) behavior of this building under maximum expected earthquake motions.

### **Stanford Medical Center, Stanford Campus, Stanford, California**

Performed detailed seismic evaluations of various non-compliant acute-care structures on the Stanford Campus, in accordance with the requirements of Senate Bill 1953.

### **Heritage National Park, Grand Canyon, Grand Canyon, Arizona**

Designed the structural concepts for the renovation and expansion project within Grand Canyon Village.

### **Additionally**

Western Digital Scanner Expansion, Fremont, CA

Encina Hall, Central and West Wings, Seismic Analysis, Stanford University, Stanford, CA

Concourse H and ART Station, San Francisco International Airport, South San Francisco, CA

Duncan Hall, Seismic Retrofit, California State University, San Jose, CA