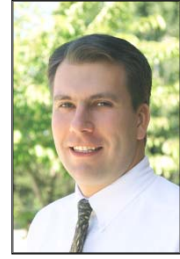


# Brandon W. Erickson, PE, SE

## CURRICULUM VITAE



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[www.REAstructuralengineers.com](http://www.REAstructuralengineers.com)

(360) 573-4545  
[brandon@reastructuralengineers.com](mailto:brandon@reastructuralengineers.com)

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Mr. Erickson is a principal of Roggenkamp Erickson & Associates, P.C., a consulting structural engineering firm based in Vancouver, Washington. His practice focuses on structural forensics of buildings, assessment of structural construction defects and design errors, assessment and repair of distressed building structures, structural analysis of existing buildings, evaluation of insurance claims involving real or perceived structural damages, assistance with the preparation or defense of legal claims associated with the design and construction of building structures, and seismic issues. Mr. Erickson's focus on existing buildings also affords him a valuable perspective on the design of constructible structural systems, viable solutions for seismic rehabilitations and structural renovations of existing buildings.

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### EDUCATION

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M.S. Structural Engineering  
Stanford University, 1997  
Palo Alto, California

B.S. Civil Engineering  
Brigham Young University, 1996  
Provo, Utah

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### PROFESSIONAL LICENSES, CERTIFICATIONS AND DESIGNATIONS

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#### Licenses

- Structural and Civil Engineering Licenses:
  - Washington – License No. 38582
  - Oregon – License No. 65812PE
  - Hawaii – License No. PE12219
  - California License No. 58918 – Civil, 4592 – Structural
  - Idaho – License No. P-11446
  - Utah – License No. 323798-2203
- Civil Engineering Licenses:
  - Alaska – License No. 11420
  - Yukon Territory – License No. 89564

#### Certifications

- Structural Engineering Certification Board (SECB) Certified, Certification No. 1912-1105

#### Designations

- State of Oregon Post-Earthquake Damage General Inspector, License No. 430GQI
- Professional Reviewer and Expert Witness for the Oregon State Board of Examiners for Engineering and Land Surveying

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## REPRESENTATIVE EXPERIENCE

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### Litigation Support:

- Landmark Ventures Oregon, Industrial Warehouse Corrosion Assessment (Attorney: Gunn Cain & Kinney), Dayton, Oregon
- Worldmark Resort, Concrete Balcony Failure Assessment (Attorney: Martin Bischoff Templeton Langslet & Hoffman, LLP), Seaside, Oregon
- Confidential Resort Location, Bridge Railing Failure Assessment (Attorney: Stafford Frey Cooper), Southern Oregon
- High-End Custom Residence, Construction Defect and Design Error Assessment (Attorney: Miller Nash), Camas, Washington
- Maui Land & Pineapple Corporate Headquarters Office, Construction Defect and Design Error Assessment, (Attorney: Merchant Horovitz LLLC), Kahului, Maui, Hawaii
- Long Residence Deck, Construction Defect Assessment (Attorney: Charles H. Buckley, Jr.), Vancouver, Washington
- Hololani Condominiums, Assessment of Structural Modifications (retained by Judge Joseph Cardoza, Circuit Court of the Second Circuit, State of Hawaii, as a neutral Structural Engineering Master), Lahaina, Maui, Hawaii

### Distressed Building Evaluations and Structural Forensics:

- Consolidated Office Supply, Assessment and Repair of Structural Deterioration, Tualatin, Oregon
- Cameron Family Glass Packaging, Assessment of Heat-Damaged Steel Roof Framing, Kalama, Washington
- Western States Chiropractic College Anatomy Laboratory, Structural Condition Assessment, Portland, Oregon
- Hollywood Video Corporate Warehouse, Partial Roof Collapse Investigation, Wilsonville, Oregon

### Design of Structural Repairs:

- Beverly Court Apartments, Failed Brick Façade Evaluation and Repair, Vancouver, Washington
- Wimbledon Square Apartments, Design of Repairs for Fire Damage, Portland, Oregon
- Sinnott Building, Design of Repairs to Mitigate a "Dangerous Building" Designation, Portland, Oregon

### Insurance Claims Investigation:

- Allstate Insurance Company, Farmers Insurance Company, and State Farm Insurance Company, multiple confidential claims throughout Oregon, Washington, and Idaho: Retained to identify and report upon the proximate cause(s) of loss(es), and recommend structural repair options

### Seismic Evaluation and Rehabilitation:

- McMenamins Crystal Ballroom, Seismic Upgrade, Portland, Oregon
- The Church of Jesus Christ of Latter-day Saints, Meetinghouse Seismic Evaluation and Upgrade, Multiple Locations in Oregon, Washington, Alaska, and California
- Washington State School of the Blind, R. Walter Dry Building Seismic Evaluation and Upgrade, Vancouver, Washington
- Brigham Young University Hawaii, Seismic Assessment of Campus Buildings, Laie, Oahu, Hawaii

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## REPRESENTATIVE EXPERIENCE (continued)

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- McMenamins Mission Theater, Seismic Evaluation and Design of Expansion and Seismic Upgrade, Portland, Oregon
- Albers Mill Building, Seismic Evaluation, Portland, Oregon

### Building Additions and Renovations:

- Beaverton Bike Gallery, Addition and Remodel, Beaverton, Oregon
- Michael's Craft Store, Addition, Boise, Idaho
- McMenamins Tavern and Pub, Remodel and Expansion, Portland, Oregon
- The Church of Jesus Christ of Latter-day Saints, Meetinghouse Addition and Renovation, Multiple Locations in Oregon, Washington and Alaska
- Gateway Community Church, Addition and Renovation, Washougal, Washington
- St. Paul High School, Addition and Remodel, St. Paul, Oregon
- Columbia Analytical Labs, Expansion, Kelso, Washington

### New Building Design:

- Hillcrest Office Park, Multiple Buildings, Medford, Oregon
- Western States Chiropractic College Anatomy Laboratory Building, Portland, Oregon
- Broadway Cab Corporate Headquarters, Portland, Oregon
- The Church of Jesus Christ of Latter-day Saints, Meetinghouses, Multiple Locations in Oregon and Washington

### Structural Plan Review:

- Provide structural plan review services for the city of Vancouver, Washington for commercial developments seeking a building permit. Ensure compliance with applicable structural building codes, completeness and accuracy of submitted structural calculations and construction documents. Required changes are identified and communicated to permit applicants.

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## CONTINUING EDUCATION, 2000 TO PRESENT

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Tsongas Litigation Consulting, Inc.

*Law, Evidence & Testimony for Building Forensics Experts*, June 2009

American Society of Civil Engineers

*Structural Condition Assessment of Existing Structures*, May 2009

Structural Engineers Association of Oregon

*ATC-20 Procedures for Post Earthquake Safety Evaluation of Buildings*, May 2009

American Society of Civil Engineers

*Law School for Engineers*, November 2008

Structural Engineers Association of Oregon

*Seismic Evaluation and Rehabilitation of Buildings ASCE 31 & ASCE 41*, March 2008

Earthquake Engineering Research Institute

*Practical Applications of Performance-Based Earthquake Engineering to Shallow Foundations*, March 2007

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CONTINUING EDUCATION (continued)

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American Institute of Steel Construction  
*Design Steel Your Way With the 2005 AISC Specification*, February 2007

American Society of Civil Engineers  
*Earthquake Induced Ground Motions*, November 2006

Earthquake Engineering Research Institute  
*New Information on the Seismic Performance of Existing Concrete Buildings*, February 2006

University of Washington College of Engineering  
*Cold Regions Engineering Short Course*, January 2006

American Council of Engineering Companies of Oregon  
*Risk, the Law and Your A/E Firm: Current Legal Trends*, November 2005

Applied Technology Council  
*Improvement of Nonlinear Static Seismic Analysis Procedures*, February 2005

Structural Engineers Association of Oregon  
*Seismic Design for the 2003 IBC*, November 2004

Northwest Concrete Masonry Association  
*Structural Masonry Design*, September 2004

Oregon Chapter of the American Concrete Institute  
*What in the World Are You Doing to Your Concrete*, February 2003

Structural Engineers Association of Oregon  
*Seismic Evaluation & Rehabilitation of Buildings FEMA 356 – ASCE 31*, November 2002

American Institute of Steel Construction  
*Practical Seismic Steel Design: 2-20 Stories*, October 2002

Structural Engineers Association of Oregon  
*Seismic Design Manual II*, April 2002

Structural Engineers Association of Oregon  
*Design & Construction of Concrete-Filled Steel Tube Joint*, November 2001

Structural Engineers Association of Oregon  
*Masonry Design*, April 2001

Structural Engineers Association of Oregon  
*Steel Plate Shear Walls*, October 2000

SMI Steel Products & RAM International  
*Designing Economical Long Span Floor Systems*, March 2000

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## EMPLOYMENT

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- January 2004 to present Roggenkamp Erickson & Associates, P.C., Principal and Co-Founder  
Vancouver, Washington
- November 2001 to January 2004 Kramer Gehlen & Associates, Inc., Project Engineer  
Vancouver, Washington
- July 1997 to November 2001 Degenkolb Engineers, Design Engineer  
Portland, Oregon
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## MEMBERSHIPS

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- Structural Engineers Association of Oregon
    - Board of Directors, 2001-03
    - Vintage Building Committee Member
    - Member of the Month, September, 1998 and January, 2004
  - American Society of Civil Engineers
  - American Institute of Steel Construction
  - Earthquake Engineering Research Institute
  - American Council of Engineering Companies
  - Applied Technology Council
  - Council of American Structural Engineers
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## REFERENCES

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### Attorneys

- Jonathan Hoffman  
Martin Bischoff Templeton Langslet &  
Hoffman, LLP  
Portland, Oregon  
503.224.3113
- Dave Merchant  
Merchant Horovitz LLLC  
Wailuku, Hawaii  
808.242.5700
- Thomas Frey  
Stafford Frey Cooper  
Seattle, Washington  
206.623.9900

### Construction Industry Professionals

- Jay Hathaway, PE, Regional Engineer  
Professional Service Industries, Inc.  
Portland, Oregon  
503.289.1778
- Eric Thomas, PE, SE, Structural Engineer  
City of Portland Bureau of Development Services  
Portland, Oregon  
503.823.7653
- Paul Hodge, President  
TEAM Construction  
Vancouver, Washington  
360.699.1477
- Mark Jackson, Project Manager  
Schlecht Construction  
1302 Walnut Street  
Kelso, WA  
360.636.0150

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## REFERENCES (continued)

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### Architects

- Eric Lanciault, AIA  
Office of Architecture  
Camas, Washington  
360.798.3801
- Mac McSwain, AIA  
McSwain & Woods Architects and Planners  
Coos Bay, Oregon  
541.269.0618
- Dane Walla, AIA  
dsp Architecture  
500 W. 8th Street, Suite 115  
Vancouver, Washington  
360.695.3306
- Doug Green, AIA  
McCool Carlson Green  
Anchorage, Alaska  
907.563.8474
- Jim Reinhardt, AIA  
Architectural Diagnostics, Ltd.  
Honolulu, Hawaii  
808.532.2000

### Geotechnical Engineer

- Julio Vela, PE, PhD  
Geo Design, Inc.  
15575 SW Sequoia Parkway, Suite 100  
Portland, Oregon 97224  
503.968.8787

### Building Owners

- Thomas Evans, Project Manager (recently retired)  
The Church of Jesus Christ of Latter-day Saints  
Issaquah, Washington  
425.214.2636
- Susan Chatard, Property Manager  
Bill Naito Company  
Portland, Oregon  
503.228.8611
- Brian Zeno (Former Vice President)  
Maui Land & Pineapple Company, Inc.  
Kahului, Hawaii  
808.870.3807 (cell)
- Judd Whetten, University Architect  
Brigham Young University Hawaii  
Laie, Hawaii  
808.675.3499

### Insurance

- Elisa Patterson, Claims Adjuster  
Allstate Insurance Company  
Mead, Washington  
509.990.6627