

# ERIC BADDING, AIA

(515) 451-9294 • ebadding@iastate.edu

## Profile

**Multifaceted in all phases of residential and commercial design and construction with experience as an architect, educator, general contractor, project manager, estimator, superintendent and carpenter. Twenty years of experience in design and construction provides a deep understanding of processes and provides a high level of problem solving skills involving the design and build.**

## Education

<b>Master of Architecture</b> Iowa State University	<b>2012-2015</b>
<b>Bachelor of Liberal Studies</b> Iowa State University	<b>2011-2012</b>
<b>Construction Engineering Technology</b> University of Nebraska at Omaha	<b>2000-2004</b>
<b>Associates in Applied Science, Architectural Engineering Technology</b> Iowa Western Community College	<b>1995-1997</b>

## Academic Experience

<b>Lecturer &amp; Researcher</b> (part time) Iowa State University • College of Design • Department of Architecture	<b>2015 - present</b>
<ul style="list-style-type: none"><li>• Current Lab Instructor for the undergraduate classes during lecture and lab of the SciTech series</li><li>• Past Lab Instructor for the graduate classes during lecture and lab of the SciTech series</li><li>• Lecturer as needed or requested for the undergraduate and graduate SciTech series</li><li>• Researcher for Ulrike Passe in development of the Train the Trainer Workshop - Building Enclosure Commissioning Process BECx - <a href="http://register.extension.iastate.edu/becx">http://register.extension.iastate.edu/becx</a></li></ul>	

## Research Interests

- **Building Science**, as the collection of scientific knowledge and experience that focuses on the analysis and control of the physical phenomena affecting buildings and architecture.
- **Energy Audits**, as inspection, survey and analysis of energy flows, for energy conservation in a building, process or system to reduce the amount of energy input into the system without negatively affecting the output(s). i.e. Building Envelope Commissioning (BECx) and Home Energy Rating System (HERS) Index

## Professional Experience

<b>AIA</b> (full time) Haila Architecture Structure Planning Ltd • Ames, IA An architecture, structure and planning company. Working as the Project Architect from schematic design, estimates, contract documents, specifications and construction administration for residential and commercial projects for the firm.	<b>2015 - present</b>
<ul style="list-style-type: none"><li>• Ames Community School District - Bus and Maintenance Facility - Ames, Iowa</li><li>• Master Planning for Saydel Community School District - Des Moines, Iowa</li><li>• Retail Center with Veterinarian and Chiropractic Tenants – Johnston, Iowa</li><li>• Iowa National Guard - Sheldon Readiness Center - Sheldon, Iowa</li><li>• Many residences in Ames and the surrounding communities.</li></ul>	
<b>Senior Designer &amp; Estimator</b> Integrity Construction • Ames, IA A design build construction company	<b>2011 - 2015</b>
<ul style="list-style-type: none"><li>• Design for client's residential new construction, remodeling and light commercial projects with the responsibility of satisfying clients design wishes while designing to their specific budgets</li><li>• Successful design builds for the AHBA Parade of Homes 2013 - 2015</li><li>• Created renderings for advertisements and marketing brochures</li></ul>	

**Senior Designer, Estimator and Project Manager****2006 - 2011**

KRT Construction • Omaha, NE

A design build construction company

- Design for clients residential new construction, remodeling and light commercial projects
- Successful design build of the MOBA Street of Dreams show home in 2007. Street of Dreams Winner: Best Exterior, Master Suite, Floor Plan and Interior
- Composed detailed estimates for residential projects
- Created construction schedules and tracked actual progress
- Tracked estimated versus actual costs

**General Contractor****2004 - 2006**

Ambient Design Build, LLC • Omaha, NE

Created residential/light commercial construction company

- Marketed business through means of builder conventions, yellow pages, and word of mouth to draw in clients
- Sold jobs to clients using creative designs and accurate estimates
- Created contracts, payment & construction schedules, specifications, and general conditions
- Help homeowners thru the selection process and handled any requested addenda and change orders
- Performed bookkeeping tasks and tracked estimated versus actual costs
- In house construction skills performed: framing, siding, roofing, and trim carpentry

**Design & Drafting Service****2003 - 2015**

Eric Badding Design Services, Inc. • Omaha, NE

Created home-based residential and light commercial design/drafting service

- Provide drafting services on a subcontractor basis for three metro companies: Design Basics, Plan Pros, and TPK & Associates
- Design/drafting services for cliental in new construction, remodels, additions and tenant finishes for the purpose of construction
- Provide service for Huegerich Construction Inc. under Architect Paul Maurer's supervision designing motels throughout the Midwest (Super 8, Days Inn and Boulders Inn & Suites)

**Estimator and Project Manager Assistant****2003 - 2004**

Ted Grace Homes • Omaha, NE

Provided estimates and management skills for high-end homebuilder

- Composed detailed estimates of high-end homes
- Created construction schedules and tracked actual progress
- Tracked estimated versus actual costs
- Oversaw construction projects to ensure they were built to plans and specifications

**Drafting Technician****1997 - 2003**

TPK &amp; Associates • Omaha, NE

Provided design and drafting services to developed plans for the purpose of construction

- Prepared home plans ranging from 1000-5000 square feet homes
- Meet with clients and performed custom changes to their specific plan
- Value engineer plans for ease of construction and material cost savings
- In home consultation for additions and remodels, providing existing plans and new proposals

**Professional Information****Registered Architect****2018 - present**

- State of Iowa, Registration #07511

**Charrettes****Healthcare Design: Healthcare Design Conference****Fall 2014**

- November 16-18, 2014 2014 AIA/STERIS Student Design Charrette Faculty Advisor: Cameron Campbell; Student Participants: Eric Badding, Paulina Coursey, Hanwei Fan, Yifeng Guo and Brandon Persson. \$7,000 grant provided by STERIS Corporation San Diego, California

**Awards and Honors****Teaching Excellence Award****Spring 2015**

- Award for outstanding achievement by graduate students in teaching