His Skills Include:

- Strategic planning for organizations
- Development for Associations, including Award programs and engagement
- Certification and exam development
- Thermal design and energy modeling for building efficiency
- Development of advanced engineering and construction tools
- Leadership in industry research, focusing on structural integrity and energy performance
- Expertise in cold-weather concrete performance and construction practices
- Public speaking, with a proven track record of educating diverse audiences

Education and Designations:

- Bachelor of Architecture, Iowa State University
- Mdiv Seminarian, University of Dubuque Theological Seminary
- Fellow of the American Concrete Institute (FACI)
- Chair and voting member of ACI committees
- Fellow of the Tilt-Up Concrete Association (FTCA)
- Active participant in ASHRAE, PCI and CSI initiatives

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Advancing Organizational Excellence

JAMES RAYMOND BATY II, FACI, FTCA

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Experience:

Building on more than three decades of experience in the design and construction industry, James is a member of the AOE Association Management Practice Group. In this role, he currently serves as the Executive Director for the Concrete Foundations Association (CFA), a position he has held for the last decade. He also has experience in a leadership role with the Tilt-Up Concrete Association. James frequently provides education on concrete construction and design topics as well as energy performance for buildings.

With a Bachelor's of Architecture from Iowa State University, James has a long tenure emphasis on thermal design efficiency. He served 10 years with Composite Technologies Corporation (Thermomass), Boone, IA Technical Services Manager, where he was responsible for the integration of thermal efficiency with commercial construction through engineering, design consultation and construction supervision as well as developing thermal design and engineering tools including isothermal planes analysis programs and implementation programs demonstrating the benefits of mass construction as referenced in ASHRAE 90.1.

He has been part of instrumental research for the concrete industry including:

- Thermal modeling of buildings for energy-efficient design using such programs as VisualDOE, Physibel and related mechanical engineering programs.
- Full-scale thermal testing of insulated concrete sandwich panel constructions with the U.S. Department of Energy (DOE) at Oak Ridge National Laboratory (ORNL).
- Cold weather curing behavior of concrete foundation walls.
- Blast-resistance of insulated concrete sandwich panels.

James continues to provide significant education to the industry on topics ranging from best construction practices to cold weather concrete performance; energy performance guidelines to architectural creativity and everything in between. His presentations have been received at a variety of venues including World of Concrete; conventions for many state and national associations; state code events as well as a consistent presence for architectural, engineering, building inspector and code official regional events.

A fellow of the American Concrete Institute (ACI), James serves on ACI 332 – Residential Concrete (past chair and voting member), ACI 306 Cold Weather Concrete, ACI 551 – Tilt-Up Concrete (secretary and voting member), ACI C-650 – Tilt-Up Certification (voting member), ACI 380 – Plain Structural Concrete, CSAO – Codes and Standards Advocacy, and ACI C-655 – Residential Foundation Certification (chair and voting member). He also holds fellowship in the Tilt-Up Concrete Association.

Throughout his career, he has also served and participated with other societies and organizations including; American Society of Heating, Refrigeration and Air-Conditioning Engineers (ASHRAE); Construction Specifications Institute (CSI); Precast/Prestressed Concrete Institute (PCI); Tilt Up Concrete Association (TCA) and Georgia/Carolina Precast/Prestressed Concrete Institute (GCPCI). He has served on committees for PCI and ASHRAE and contributed to the published State of the Art for Insulated Precast Sandwich Walls by the PCI.