



**MCAA Endowed Chair in Masonry Systems**  
Research, Education and Service to advance the state-of-the-art of Structural Masonry

**Outreach Activities**

**BIM-M Seminar -- November 28, 2017**  
**8-207 Donadeo Innovation Centre for Engineering (DICE)**  
**University of Alberta**

## **“Improving Masonry Design and Construction with Building Information Modeling (BIM)”**

**Sponsored by the Masonry Contractors Association of Alberta (MCAA)**

The use of Building Information Modeling has been expanding world-wide in all segments of the construction industry. Since 2012, the North American masonry industry has made great advances in developing tools for architects, engineers, contractors, manufacturers, etc., through the Building Information Modeling for Masonry Initiative (BIM-M). Free resources can be found at [www.bimformasonry.org](http://www.bimformasonry.org) and on You Tube at: <https://www.youtube.com/channel/UCCuLpD95JlzOuX6gjxPgXCg>.

The Masonry Contractors Association of Alberta is presenting this seminar to provide an overview of BIM and BIM-M. It will introduce the latest tools and resources for architects, engineers and mason contractors that will make designing and constructing with masonry more efficient.

### **PROGRAM**

7:10-7:40 Registration and continental breakfast

7:40-7:45 Welcome by MCAA

7:45-9:30 **What Architects, Engineers and Contractors Should Know About BIM for Masonry**

Topics include:

- Introduction to BIM and BIM-M
- BIM-M Resources for Autodesk Revit
- Level of Development and BIM Forum
- Autodesk Revit Libraries versus BIM-M Revit Content Pack
- The BIM-M Masonry Unit Database
- BIM-M Best Practices Guide
- Masonry iQ Autodesk Revit plugin
- Project Case Study
- Q&A

Speaker: Ms. Jamie L. Davis, PE, LEED AP. Jamie is a structural engineer and President of Ryan Biggs|Clark Davis Engineering and Surveying, Skaneateles Falls, New York. She chairs The Masonry Society's BIM Committee and serves as BIM-M's Project Manager for designers.

9:30 - 9:50 **Break**

9:50 - 11:20 **BIM for Mason Contractors and Working with Architects and Engineers**

Topics include:

- Why is BIM important to mason contractors?
- Return on investment (ROI) Through BIM.
- Getting started in BIM. 3D Modeling with Sketchup.
- BIM Deliverables Guide for Mason Contractors Volumes I
- BIM Deliverables Guide for Mason Contractors Volumes II
- Examples of projects where mason contractors have used BIM
- Q&A

Speaker: Mr. Fred Kinateder is President of Kinateder Consulting, Brookfield, Wisconsin. Fred has over 40 years as a mason contractor. He is a past co-chair of the International Masonry Institute and President of ICE. He now serves as BIM-M's Project Manager for contractors.

11:20-11:30 **Wrap up and Lunch**

