

## **Angela Rogers, M.Sc.E., P.Eng.**

M.Sc. Mechanical Engineering, University of New Brunswick 1998

B.Sc. Mechanical Engineering, University of New Brunswick 1996

### **Areas of Practice**

- Client Service
- Fire Protection Engineering
  - Fire Modeling and CFD Simulation
  - Fire Dynamics
  - Heat Transfer Analysis
- Building and Fire Code Consulting
  - Performance-Based Solutions
  - Due Diligence Audits
  - Fire Safety Planning
  - Authority Relations

### **Professional Experience**

RJ Bartlett Engineering Ltd, Halifax, NS– March, 2005 to present

- Manager – Halifax Office (2005 to June 2017)
- Senior Engineer
- Project Coordinator

University of New Brunswick, Fredericton, NB - 1996 to 2004

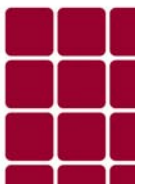
- Course Instructor - Descriptive Geometry with Computer Graphics
- Lab Coordinator - Thermal Analysis Lab
- Research Assistant - Thermal Analysis Lab
- Teaching Assistant – Thermodynamics, Strength of Materials

RJ Bartlett Engineering Ltd, Fredericton, NB – 1992 to 1995 (Summer Employment)

- Sprinkler and Fire Alarm System Design
- Sprinkler and Fire Alarm Drawing Preparation with AutoCAD
- Hydraulic Calculations
- Building and Fire Code Analysis

McDonald's Restaurants, Fredericton, NB – 1983 to 1991

- Restaurant Manager (1989 to 1991)
- Assistant Manager (1983 to 1989)
- Profit and Loss Projection and Analysis
- Management Training and Performance Evaluations
- Statistical Report Preparation and Analysis
- Equipment Maintenance and Repair
- Inventory Control and Ordering
- Employee Hiring and Scheduling



## Affiliations

- Registered Professional Engineer with Engineers Nova Scotia
- Registered Professional Engineer with Association of Professional Engineers and Geoscientists of New Brunswick
- Member with Society of Fire Protection Engineers
- Member with National Fire Protection Association
- Voting Member with Consulting Engineers Nova Scotia

## Papers and Presentations

- **Rogers, Angela D.**, Lee-Sullivan, Pearl. 2003. An alternative model for predicting the cure kinetics of a high temperature cure epoxy adhesive: *Polymer Engineering and Science*, 43:14.
- **Rogers, A.D.**, Lee-Sullivan, Pearl. 2002. Cure kinetics of Cytec FM300-U Epoxy Adhesive. *12<sup>th</sup> Annual Technical Meeting of the Canadian Thermal Analysis Society*, p.25.
- Djokic, D., Johnston, A., **Rogers, A.**, Lee-Sullivan, P., Mrad, N. 2001. Residual stress development during the composite patch bonding process: measurement and modeling. *Composites: Part A*, 33:277.
- **Rogers, A.D.**, Lee-Sullivan, P., Bremner, T.W. 1999. Selecting concrete pavement joint sealants. I:Proposed test protocol. *Journal of Materials in Civil Engineering*, ACSE, 11:309.
- **Rogers, A.D.**, Lee-Sullivan, P., Bremner, T.W. 1999. Selecting concrete pavement joint sealants. II:Case Study. *Journal of Materials in Civil Engineering*, ACSE, 11:309.
- **Rogers, A.D.**, Lee-Sullivan, P., Bremner, T.W. 1998. A method for fatigue testing of concrete highway joint sealants in shear. *Journal of Testing and Evaluation*, ASTM, 26:234.