

## **Beth-Anne Schuelke Leech, P.Eng, MBA**

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### ***Education***

#### **PhD, Public Administration and Policy (candidate)**

**University of Georgia, Athens, Georgia**

Expected May 2011

Dissertation Committee: Dr. Barry Bozeman (Chair), Dr. Thomas P. Lauth, Dr. Andrew Whitford, Dr. Hal Rainey

Dissertation Title: Collaboration Behavior of Academic Scientists and Engineers: Effects of Institutional Structure vs. Researchers' Disciplines

Expected Graduation: May 2011

#### **Masters of Business Administration**

**York University, Toronto, Ontario**

November 2004

Specialized in Finance and Strategic Management

#### **Bachelor of Engineering, Mechanical,**

**McMaster University**

June 1994

Specialized in Thermodynamics and Energy Systems

### ***Research Interests***

Public Finance; Science and Technology Policy; Fiscal policy; Scientific innovation and collaboration; Research and Innovation management; Industry Policy; Energy Policy

### ***Publications***

#### **Peer Reviewed Publications**

"Holding a Hot Potato? The Credit Crisis and Its Impact on State Cash and Short-term Investment Portfolios," *Municipal Finance Journal*, Volume 29, No. 4 (Winter 2009), pp. 125-137. Reprinted in *Financial Markets in Recovery: Tax and Regulatory Policy; Planning; Compliance*, New York, N.Y.: Civic Research Institute.

#### **Non-peer Reviewed Publications**

"Politics, Policies, and Budgets: A Common Foundation for Comparative Politics," *American Review of Canadian Studies*, forthcoming.

## **Publications under review**

“Rainy Days in the Sunshine State: A Look at the Impact of the Credit Crisis on County Budgets in Florida,” under revise and resubmit at the *Municipal Finance Journal*

## **Working Papers**

“Nano-solutions or Macro-problems? A Public Values Analysis of the Application of Nanotechnology to Water Purification,” with Dr. Catherine P. Slade, targeted for *Review of Policy Research*

“Budgetary Woes and Institutional Missions,” with Dr. J. Douglas Toma, targeted for *Journal of Higher Education*

## ***Conference Presentations***

2009 “Rainy Days in the Sunshine State: A Look at the Impact of the Credit Crisis on County Budgets in Florida,” *American Society of Public Administration Annual Conference*, March 20-24, 2009, Miami, Florida.

2008 “Business Attraction vs. Retention: Does Private Sector Involvement Influence Local Economic Development Strategies?” *Association for Budgeting and Financial Management*, October 22-25, 2008.

## ***Teaching Experience***

Project Management, Graduate Seminar, March 20, 2009, Department of Public Administration and Policy, University of Georgia

Project Management, Graduate Seminar, October 24, 2009, Department of Public Administration and Policy, University of Georgia

Scheduled to teach Public Administration and Democracy, Undergraduate course, Fall 2010, Department of Public Administration and Policy, University of Georgia

## ***Academic Work Experience***

### **Research Assistant, August 2006 - Present**

Department of Public Administration and Policy  
University of Georgia, Athens, Georgia

- Assisted in faculty research projects

- August 2008 – Present – Dr. Laurence O’Toole, Jr., Department of Public Administration and Policy, University of Georgia, looking at factors affecting implementation of State Stroke Center Policies.
- August 2007 – July 2008 – Dr. Barry Bozeman, Department of Public Administration and Policy, University of Georgia, looking at Public values and public institutions, and specifically the policy and public values implication of the use of nanotechnologies in water treatment.
- August 2006 – July 2007 – Dr. J. Douglas Toma, Institute of Higher Education, University of Georgia, looking at University and College Aspirations and Institutional Governance.

## ***Non-Academic Work Experience***

### **University of Ontario Institute of Technology, 2004 – 2006**

#### **Manager of Technical Services**

Faculty of Engineering and Applied Sciences

- Managed the start-up of the Engineering labs for University. Developed and managed equipment budget of \$14 million. Negotiated and procured equipment and services for Faculty of Engineering and Applied Sciences. Developed procurement guidelines and criteria for Faculty in consultation with customers. Communicated policies and procedures to vendors and customers. Ensured compliance to procedures, including ensuring ethical conduct throughout procurement process.
- Managed lab technicians and engineering staff. Participated in the recruitment of staff. Mentored staff in career planning, training, and other human resource issues to promote staff growth and retention.

### **General Motors of Canada, 1994 - 2003**

#### **Senior Financial Analyst, June 2002 – July 2003**

International Product Center, Oshawa, Ontario

- Prepared and managed structural cost budget and business plan for the International Product Center (\$350 million in sales), including: capital appropriations, salaries, benefits, and IS&S accounts.
- Prepared financial reports and presented results to senior management. Participated in strategic process planning and implementation of structural cost reductions (structural cost reduced by 8%)

#### **Senior Project Manager, December 1996 - May 2002**

Engineering and Product Planning, Oshawa, Ontario

- Managed the Product Development Team for the Medium Duty Alternative Fuel program. Represented the company's position and interests, as primary liaison with outside contractors, vendors, and engineering consultants. Developed and managed program scheduling and milestone definition. Negotiated for engineering resources

and budget for program. Managed team member work assignments to ensure program deliverables were met and documented. Co-ordinated with other project managers to ensure efficient use of engineering resources and appropriate knowledge transfer.

- Managed the Quality Focus Team for two departments in vehicle assembly plant. Team identified and resolved quality and engineering problems. Developed solutions to production problems relating to materials, processes, and procedures while maximizing efficiency. Initiated the investigation and analysis of new materials, equipment, processes and engineering practices for improved performance.
- Developed and implemented ISO quality procedures for Pre-production operations, including performance metrics, process controls, and training. Audited processes for effectiveness. Assessed process risks and implemented contingency plans or processes to mitigate risks.
- Developed and implemented process controls work-scheduling computer database, including training 300 end users.

### **Project Engineer, May 1994 - November 1996**

#### **Windsor Transmission Plant**

- Managed Supplier Quality Assurance program for nine production departments. Audited and evaluated quality systems of 11 suppliers for compliance with QS-9000 standards. Led the daily production and quality review for senior plant management and production supervisors.
- Managed \$40 million capital appropriation for 240 CNC lathes. Managed all financial and administrative aspects of project. Developed maintenance and technical documentation. Wrote procedures (SOPs) for the operation of new and existing equipment.