

SCOTT BRECHMACHER

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EXPERIENCE

NGA Summer Scholar – Environment, Energy and Transportation Division

May 2013–August 2013

National Governors Association

Washington, DC

- Researched policies, technologies and environmental/economic impacts relating to the continuing development of shale gas production in the United States in order to determine appropriate forum panelists and topics for a governors' forum on shale energy development.
- Collaborated with NGA team members in interviewing leading experts, related to shale gas development, in order to find most qualified speakers for keynote and breakout sessions.
- Compiled recently enacted state-specific clean energy policies and actions for inclusion into NGA's State Clean Energy Action Database (a Department of Energy funded project) and helped author the 'State Clean Energy Actions: 2013 Update' report.
- Created a workflow tracking system for future database updates and provided NGA with a report detailing recommendations for database improvement that will improve functionality and provide greater utility for users.

EDF Climate Corps Fellow

May 2012–August 2012

Environmental Defense Fund

Edison, NJ

- Performed energy efficiency assessments on Wakefern's Shop-Rite groceries stores with the highest energy use intensity to help identify inefficient technologies and practices.
- Collaborated with EDF and Wakefern's Corporate Communication and Retail Engineering departments to craft project recommendations for energy efficiency upgrades in assessed stores.
- Created financial, energy use, and carbon emissions models for 290+ potential efficiency projects that would result in annual savings of \$530,000 and yearly emissions reductions of 2,600 metric tons of carbon dioxide for the lifetime of projects if implemented.
- Communicated and conferred with other Climate Corps Fellows embedded within other organizations to determine best methods and practices for energy efficiency project recommendations and research.

Graduate Research Assistant

January 2012–May 2012

Indiana University

Bloomington, IN

- Researched alternative fuel technologies, including liquid natural gas, compressed natural gas, LPG and diesel, for heavy duty trucks to assist in expanding an accepted paper on the cost benefit analysis of diesel electric hybrid technology.
- Analyzed and synthesized energy and fuel data from the Energy Information Administration and created DGE (diesel gallon equivalent) price predictions for the alternative fuels being considered through 2035.
- Performed literature review on prior papers, research, and case studies relating to natural gas use in heavy duty fleet vehicles and general natural gas infrastructure requirements and barriers.

Senior Reimbursement Analyst

April 2007–August 2011

Indiana University Health

Indianapolis, IN

- Prepared annual cost reports and related workpapers for multiple hospitals, and other ad hoc research, reporting and analysis projects including month-end 3rd party contractual analysis and journal entry calculations.
- Collaborated intra/interdepartmentally to utilize the considerable experience and knowledge available in order to most effectively and efficiently complete team projects and meet departmental, finance, and regulatory deadlines.
- Researched and sought out ways to improve and simplify processes using available technology and to supplement my knowledge of the information systems and computer programs involved in my responsibilities.

Health Policy/Reimbursement Analyst

May 2003–April 2007

Myers and Stauffer, LC

Indianapolis, IN

- Performed detailed analysis of Medicaid claims and expenditure trends, integrity monitoring for Medicaid reimbursement systems, creation and manipulation of complex data sets, and other reimbursement related initiatives.
- Maintained a continuous working knowledge of healthcare related resources, federal and state regulations and policy, and general claims processes.

Relationship Management Analyst

August 2001–January 2003

NatCity Investments

Indianapolis, IN

- Controlled accounting and reporting of relationship management between the 1,100+ National City Bank branches and NatCity Investments locations.
- Converted referral reporting system from an Excel-based system to a semi-automated Access database, improving the efficiency, reliability and integrity of the system by significantly reducing the time needed to maintain and update the system.
- Collaborated with all levels of the organization, from brokers and their assistants to Natcity's president and other company executives, regarding reporting needs and processes.

EDUCATION

Masters of Public Affairs / MS of Environmental Science

Cumulative GPA: 3.96 (4.0 scale)

Coursework & Experience:

- **Energy Economics And Policy** – Authored report on various energy storage/frequency regulation technologies impacted by *FERC Order 755 - Frequency Regulation Compensation in Organized Wholesale Power Markets*
- Natural Gas: Technology and Policy Challenges, Sustainable Communities, Statistical Analysis and Modeling, Public Management Economics, Energy Systems Engineering, Cost/Benefit Analysis, Human Behavior and Energy Consumption, Sustainable Development, Energy Markets and Analysis
- Served for two years as Dual Degree Representative in Graduate Student Association

SPEA -

Indiana University

Bloomington, IN

Expected Graduation: Dec 2013

Masters of Business Administration (May 2010)

GPA: 4.0 (4.0 scale)

Honors Recipient

Coursework & Experience:

- Managerial Economics, Managerial Accounting, Financial Management, Leading Organizational Change, Organizational Behavior, Business Plan Development, HR Development Strategies

Falls School of Business - Anderson, IN
Anderson University

Bachelor of Arts (May 2000)

GPA: 3.65 (4.0 scale)

Major: **Finance**

Minor: Information Systems

Anderson University

Anderson, IN

Honors: Anderson University Deans List

Organizations: Students In Free Enterprise (SIFE)

COMPUTER SKILLS

- Microsoft Office Suite (Excel, Access, Outlook, PowerPoint, and Word.)
- Proficient with Decision Support Systems (TSI, SMS, Lawson), Microsoft Excel, SQL and GIS.
- Experience with SAS and SPSS
- Learn new applications and systems quickly.