

Leah Ann Samson-Samuel  
Madison Environmental Group, Inc.

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## Education

B.S. University of Wisconsin, Madison, Mechanical Engineering. 1998.  
Certificate University of Wisconsin, Madison. Environmental Studies. 1998.

## Professional Experience

- 2009- **Madison Environmental Group, Inc.** Madison, Wisconsin  
*Sustainability Consultant.* Provide consulting services for Sustainability Planning, Greenhouse Gas Emissions Assessments, and Green Building projects including Leadership in Energy and Environmental Design (LEED) certification management and construction waste recycling. Develop and lead training sessions, write required LEED documents, and collect documentation for LEED compliance.
- 2004-2006 **Placon**, Madison, Wisconsin  
*Product Designer-Placon Products Division.* Designed retail thermoformed plastic packaging using SolidWorks. Maintained documentation and customer specifications in compliance with ISO 9000 standards. Managed projects from conceptual stage to on-going manufacturing.
- 2002-2004 **Placon**, Madison, Wisconsin  
*Process Engineer.* Provided finished product that met Placon and customer specifications. Investigated and solved problems in processes that were not running at quoted CPM, were not meeting product specifications, or had repeated down time. Analyzed and communicated capability study results. Wrote training manuals and work instructions on operation of equipment complying with ISO 9000.
- 2000-2002 **Placon**, Madison, Wisconsin  
*Product Designer-Custom Products Division.* Worked directly with customer's design and marketing staff to design retail, medical, and food thermoformed plastic packaging using SolidWorks. Maintained documentation and customer specifications in compliance with ISO 9000 standards. Managed projects from conceptual stage to on-going manufacturing.
- 1999-2000 **Placon**, Madison, Wisconsin  
*Tool Designer.* Designed form and trim tools using ExpertCAD and SolidWorks. Designed tools for Irwin, Illig, and Brown thermoforming machines.
- 1998-1999 **Placon**, Madison, Wisconsin  
*Contract Engineer.* Performed a Design of Experiments study to determine the relationship of process settings on product crush resistance. Wrote a report and implemented the optimum machine settings for greatest crush resistance.
- 1994-1997 **University of Wisconsin**, Madison, Wisconsin  
*Student Assistant.* Instructed 12-18 freshman students through design process from brainstorming to presenting a final product.
- 1996-1997 **RecycleWorlds Consulting**, Madison, Wisconsin  
*Project Engineer.* Researched glass recycling technologies to improve the glass recycling process.

## Activities and Credentials

- 2011- Sustainability Liaison for International Facility Managers Association (IFMA)  
2011- Wisconsin Green Building Alliance (WGBA) Living Building Challenge Ambassador  
2011 - Willy Street Co-op Sustainability Committee Member  
2010 - WGBA Green School Committee Co-Chair  
2009 Leadership in Energy and Environmental Design Accredited Professional (LEED AP)