

Jason Schmidt

Education **Georgia Institute of Technology.** Atlanta, GA *graduated 6/2000*

- Bachelor of Science in Chemical Engineering with High Honors
- Minor in Philosophy of Science and Technology
- Summer abroad University College London

Western Washington University. Seattle, WA *graduated 8/2006*

- Master in Teaching
- Endorsements: Chemistry, General Science

Engineering Experience

Technical Project **Oak Ridge National Laboratory** Oak Ridge, TN

- Specialist
1/2023-present
- Project management and data management for logistically challenging projects.
 - Proficient use of spreadsheet tools including data cleaning methodologies, communication tracking, project timeline management and data visualization.
 - PowerBI, Power Query, Access, and communication tools such as Word, Outlook, Teams, and Zoom, MailChimp, and WordPress.

Product and **General Mills, Inc.** Minneapolis, MN

- Process Developer
8/2000-8/2002
- Developed new product concepts via prototyping and creative presentation.
 - Managed team-based design, installation, and research of pilot processes: pressurized steam coil cooking vessel, pilot curing chamber
 - Maintained product quality standards in partnership with contract manufacturers
 - Organized, planned and executed production testing with budgets up to \$100,000.

Engineering Intern **Frito-Lay, Inc.** Plano, TX

- 6/1998-9/1998*
- Pilot extrusion process optimization via rapid prototype generation
 - Successful correlation of analytical data with sensory and consumer sensory data
 - Generated extrusion processing model based on consumer and analytical data

Engineering Co-op **Milliken and Company** LaGrange, GA

- 9/1996-12/1997*
- Managed water reclamation project on carpet dyeing range
 - Initiated experimental design and statistical analysis for carpet quality improvement
 - Developed and improved measurement methods and operating procedures

Management Experience

Market Manager **Grow Oak Ridge** Oak Ridge, TN

- 10/2019-present*
- Establish [Market To-Go](#) with continued operation including producer and customer support, troubleshooting, communication, and budget reporting
 - Evaluate new revenue streams for Grow Oak Ridge in support of the mission
 - Operate the community shiitake log inoculation enterprise to raise funds and educate
 - Create content for the [St. Mary's Community Garden site](#) and the [Mushroom Gardening site](#).

Farm Manager **Greenville County Soil and Water Conservation District** Greenville, SC

- 9/2016-9/2017*
- Co-authored a \$50,000 grant to establish the Legacy City Farm, a farm-to-school project
 - Created a legal entity to manage the farm business liability
 - Efficiently acquired, built, and tested all necessary equipment
 - Collected data and kept careful records for grant reporting
 - Co-presented classroom science lessons on soil health and data analysis

Chemistry Teacher **Greenville Technical Charter High School** Greenville, SC
 9/2008-9/2016
 -Developed and implemented project-based learning science curriculum:
 student grant-writing projects in partnership with the Soil and Water Conservation District,
 collective kombucha titration data analysis using shared spreadsheets
 -Communicated effectively with colleagues and families using an online grading system
 -Facilitated an interdisciplinary community gardening project

Teacher **Highline HS. Highline Public Schools** Burien, WA
 9/2006-9/2008
 - Managed diverse needs of 80+ students in a fast-paced, high demand classroom structure
 - Collaborated with school and district teams to implement science curriculum
 - Communicated effectively with colleagues and families using an online grading system
 - Implemented SIOP, AVID, and ESOL training to better serve student needs
 - Developed a College Board audit-approved Advanced Placement (AP) Chemistry course syllabus

Team Leader **Washington State Service Corps–AmeriCorps.** Federal Way, WA
 9/2002-7/2004
 Federal Way Public Schools
 - Led a year-long team-wide 36-member civic engagement project.
 - Established local Federal Way NET teams for emergency preparedness.
 - Tutored math and science in the pilot AVID program at Thomas Jefferson High School.
 - Served as math and civic engagement specialist in a “Big Picture” school.
 - Established a consensus-based norm-focused management model in learning teams.
 - Implemented and trained students and staff on the *Cognitive Tutor* integrated math program.

Recreation Leader **Seattle Parks and Recreation** Seattle, WA
 6/2002-9/2003
 - Rejuvenated the Golden Gardens Teen Activity Center.
 - Led volunteer skills teachers in a teen run performance and arts venue.
 - Co-authored a \$7,500 grant to fund continuing efforts at Golden Gardens.
 - Secured funding with community leaders on the Ballard Neighborhood Advisory Council.

Skills

- Project management	- Data management	- Grant writing
- Word, Excel, Powerpoint, Access	- Power Query, Power BI	- MailChimp, WordPress
- Google: Docs, Sheets, Slides, Forms	- Sketchup	- Gardening

Recognition

- Anderson County Master Gardener, 2021
- Recipient of NACD Urban Agriculture Initiative, 2016-2017
- Recipient of Soil and Water Conservation Mini-Grants, 2015-2016
- Greenville County Soil and Water Conservation District Teacher of the Year, 2014
- SC DHEC Champions of the Environment Grant Recipient, 2014
- Presenter at the Middle College National Consortium Summer Conferences, 2009, 2010, 2012
- Future Teachers Scholarship, Higher Education Coordinating Board, 2004-2006