BIOGRAPHICAL SKETCH

Mathew E. Dornbush

[redacted]

Professional Preparation:

Iowa State University, Ames, IA	Ecology and Evolutionary Biology	Ph.D. 2005
Iowa State University, Ames, IA	Botany (Plant Ecology)	M.S. 2001
Augustana College, Rock Island, IL	Biology	B.A. 1998

Appointments:

August 2018–Present:	Interim Dean of the Austin E. Cofrin School of Business
July 2016–Present:	Associate Vice Chancellor for Academic Affairs/Director of Graduate Studies
August 2015–June 2016:	Assistant Vice Chancellor for Professional Development and Grants/Director of Graduate Studies
July 2015–Present:	Professor, Department of Natural and Applied Sciences, University of Wisconsin-Green Bay
August 2012–August 2015:	Chair of the Environmental Science & Policy M.S. Program, University of Wisconsin-Green Bay
July 2010–June 2015:	Associate Professor, Department of Natural and Applied Sciences, University of Wisconsin-Green Bay
August 2005–June 2010:	Assistant Professor, Department of Natural and Applied Sciences, University of Wisconsin-Green Bay

Current Administrative Responsibilities and Select Accomplishments:

General University Support

- 2016-2018: Led UW-Green Bay's implementation of Academic Performance Solutions (APS) platform to increase data transparency, availability, and data-informed decision making.
- 2017-2018: Held a key leadership position in the University's transition from a single to four campus institution, integrating the UW-Sheboygan, UW-Manitowoc, and UW-Marinette two-year campuses with the UW-Green Bay campus.
- 2015-2016: Contributed key leadership in the University's transition from two to four colleges.

Interim Dean Austin E. Cofrin School of Business

- Led the faculty through the process of revising the College's mission, vision, and values (final approval April 14th).
- Led the faculty through the process of drafting the College's academic plan (final approval April 14th).
- Initiated a process to reorganize the College into three departments: Business Administration, Marketing and Management, and Accounting and Finance (working through shared governance).

- Led faculty through the process of submitting a UW-System Notice of Intent to elevate four emphases to majors: Marketing, Management, Human Resource Management, and Finance.
- Championed the moral responsibility and business necessity to serve the region's underrepresented population, setting enrollment goals, and identifying and charging a faculty leader to develop a formal AECSB Diversity and Inclusivity Plan (ongoing).
- Championed the importance of expanding and emphasizing curricular and non-curricular High Impact Practices in the student experience by encouraging and financially supporting faculty initiatives on leadership development, student organizations, a lecture series, field trips, internships, entrepreneurship competitions, and Business Week.
- Collaborating with faculty to launch the Impact Executive MBA (scheduled for January 2020).
- Initiated the process to review and revise the MS Management curriculum.
- Revising the College's advisory board composition (Completion target April 2019).
- Re-entered the AACSB accreditation process (iSER report due to AACSB on May 14th, 2019).

Budgetary Oversight for Academic Affairs:

- Provided key leadership in guiding academic affairs through a multi-million dollars budget shortfall.
- Provide recommendations on strategic direction and budgetary oversight for the Academic Affairs budget (approximately $80 million of total University budget of $120 million).
- Lead, with support from the Office of Business and Finance, the annual Academic Affairs budget process. Align budget process with division and academic affairs strategic priorities.
- Led the reorganization of budgetary units within academic affairs to improve allocation and prepare for development and adoption of a modified responsibility centered management (RCM) budgeting model. Created the first version of the campus RCM model, which served as the basis of the final model now being implemented by Huron Consulting.

Director of Graduate Studies

- Provide campus leadership in all matters pertaining to Graduate Education.
- Collaborate with the Academic Deans to develop new graduate programs and maintain high-quality graduate experiences for students.
    - Facilitated the launch of new programs, including UW-Green Bay's first Doctoral program in First Nations Education, a MS in Health & Wellness Management, and UW-System approval of new Master's programs in Athletic Training, Nutrition & Integrated Health, and Business Administration (Impact MBA).
    - Lead efforts to secure approval for MS's in Applied Biotechnology and Sports, Exercise, and Performance Psychology.
    - Established the University process for creating Accelerated (undergraduate-graduate) Programs. This option has been adopted by three graduate programs and is a critical tool benefiting students and programs alike.
- Responsible for graduate enrollment, with an annual growth of roughly 18% and a change in our Carnegie Classification from a Master's University-Small to a Master's University-Medium.

- As a faculty member I chaired a Graduate Studies Task force (Fall 2011) that resulted in the establishment of a Director of Graduate Studies, a Graduate Academic Affairs Council, and laid the foundation for the expansion of graduate programs occurring today.

Office of Grants and Research (OGR)

- Responsible for strategic leadership of OGR and sponsored activities, reversing a declining trend in number of awarded submissions to a level not seen since 2011, resulting in approximately $3.4 million in annual extramural awards for a campus with roughly 150-160 tenure-track faculty.
- Transformed office climate to one centrally focused on service.
    - Revised and improved transparency of extramural policies and guidelines.
    - Developed, launched, and maintain a new process-oriented website.
    - Oversaw the conversion of the proposal transmittal process from paper to electronic routing.
    - Continue to lead significant revisions to, and enhanced training for, UW-Green Bay's research compliance committees and users: Institutional Review Board (IRB), Institutional Animal Care and Use Committee (IACUC), and establishment of an Institutional Biosafety Committee (IBC).
- Expanding OGR capacity to secure extramural funding and support faculty and staff.
    - Expanded OGR capacity to secure large, institutional grants, and to mentor new faculty and departments with high extramural grant potential by hiring the campus's first Institutional Grant Writer.
    - Obtained Great Lakes-Northern Forest Cooperative Ecosystem Studies Unit (GLNF-CESU) membership for UW-Green Bay and designation as a Non-Land Grant College of Agriculture (NLGCA). These designations provide additional granting opportunities to faculty and staff.
    - Leading efforts to secure a NOAA sponsored National Estuarine Research Reserve. Effort involves significant external stakeholder engagement with local, state, and national elective officials and agencies, as well as regional stakeholders.
    - Building a strong and growing partnership with WiSys Technology Foundation – the non-profit technology transfer office for UW regional comprehensives.

Center for the Advancement of Teaching and Learning (CATL)

- Responsible for strategic leadership of center and sponsored activities.
- Re-established CATL in 2015-2016; hired a Director, a new Instructional Designer, and incorporated the Instructional Technologist team.
- CATL is again the most impactful faculty development center at UW-Green Bay.
    - Professional development activities emphasize improving *Student Success*. Examples include:
        - The Becoming a Student Ready University initiative brings national thought leaders, such as Tia Brown McNair and Dr. Christine Harrington to UWGB for campus workshops.

        - Funding provided by a grant through the National Association of System Heads (NASH) from the Lumina Foundation seeks to reduce our High Impact Practice (HIP) equity gap.
        - The First Year Experience Community of Practice program provides regular faculty development activities surrounding the success of beginning students.
    - The Teaching and Learning Community Fellows program promotes innovation and discussion around shared teaching and learning issues aligned with campus initiatives.
    - The annual Instructional Development Conference brings over 100 faculty and staff together for a day of impactful professional development focused on student access, learning, and success.
    - Quality assurance for online education provided through the evolution of the Quality Matters certification into the new Online or Hybrid Program Development Grant, and a revised Online Teaching Fellows program.

Center for Civic Engagement

- Responsible for strategic leadership of center and sponsored activities.
- Secured financial support for the establishment of UW-Green Bay's Center for Civic Engagement (funding initiated in July 2018). Hired two co-directors for the Center, and a 25% administrate support position.
- The center will strengthen the University's engagement as an anchor institution by increasing faculty and student community engagement through research, experiential learning, and outreach activities. Example activities include:
    - Completed the application for an AmeriCorps VISTA (Volunteers in Service to America) grant.
    - Hosting the Campus Compact Newman Civic Fellows program.
    - Serving as the primary liaison with Wisconsin Campus Compact.
    - Establishment of a Center for Civic Engagement Advisory Board to facilitate community partnerships and impact.
    - Completing a campus application for Carnegie Foundation's classification for Community Engagement.

Select Professional Awards:

- University of Wisconsin-Green Bay Founders Association Award for Excellence in Scholarship (2015).

Publications, Articles, and Select Reports:

Bowman, R., and M.E. Dornbush. Novel Ecosystems and the restoration potential of invaded forests in the upper Midwest. (*In Prep*.)

Peter, M.J., L.C. Grubisha, and M.E. Dornbush. A comparison of ecological states and restoration potential of freshwater wetlands harboring native or exotic *Phragmites australis*. (*In Prep.*)

Kupsky, B., and M.E. Dornbush. 2019. Experimental test of abiotic and biotic factors driving restoration success of *Vallisneria americana* in the Lower Bay of Green Bay. Journal of Great Lakes Research. https://doi.org/10.1016/j.jglr.2019.01.006. (Available online 1 February 2019)

von Haden, A.C., and M.E. Dornbush. 2017. Depth-distributions of belowground production, biomass, and decomposition in restored tallgrass prairie. Pedosphere. https://doi.org/10.1016/S1002-0160(17)60455-7.

von Haden, A.C., and M.E. Dornbush. 2017. Ecosystem carbon pools, fluxes, and balances within mature tallgrass prairie restorations. Restoration Ecology 25: 549-558.

Dornbush, M.E., and A.C. von Haden. 2017. Chapter 8: Intensified agro-ecosystems and their effects on soil biodiversity and soil functions. pp.173-194. *IN* M. Al-Kaisi and B. Lowery's, Soil Health and Intensification of Agroecosystems. Elsevier.

von Haden, A.C., and M.E. Dornbush. 2016. Prairies thrive where row crops drown: a comparison of yields in upland and lowland topographies in the upper Midwest US. Agronomy 6: 32; doi:10.3390/agronomy6020032.

Dornbush, M.E. 2014. Invasive plant control and ecological restoration. Michigan Forests 35: 13,16. (*non-peer reviewed*)

Dornbush, M.E. 2014. *Commentary* - The myriad surprises of unwanted guests: invasive plants and dynamic soil carbon pools. New Phytologist 203: 1-3. (*Invited*)

von Haden, A.C., and M.E. Dornbush. 2014. Patterns of root decomposition in response to soil moisture best explain high soil organic carbon heterogeneity within a mesic, restored prairie. Agriculture, Ecosystems and Environment 185: 188-196.

Dornbush, M.E., and P.G. Hahn. 2013. Consumers and establishment limitations contribute more than competitive interactions in promoting dominance of the exotic herb garlic mustard in a Wisconsin, USA forest. Biological Invasions 15: 2691-2706.

Martinez, J.A., and M.E. Dornbush. 2013. Use of a native matrix species to facilitate understory restoration in an overbrowsed, invaded woodland. Invasive Plant Science and Management Invasive Plant Science and Management 6: 219-230.

Dornbush, M.E., P.D. Baumgart, K.J. Fermanich, A.M. Rieth, J.R. Stoll, and A.C. von Haden. 2012. Maximizing Ecological Services and Economic Returns by Targeted Establishment of Biomass Grasslands for Electricity and Heat Generation in Wisconsin. A report to the Wisconsin Focus on Energy Program. (*non-peer reviewed*)

Hahn, P.G., and M.E. Dornbush. 2012. Exotic consumers interact with exotic plants to mediate native plant survival in a Midwestern forest herb layer. Biological Invasions 14: 449-460.

Hahn, P., M. Draney, and M. Dornbush. 2011. Exotic slugs pose a previously unrecognized threat to the herbaceous layer in a Midwestern woodland. Restoration Ecology 19: 786-794.

Dornbush, M.E., and B.J. Wilsey. 2010. Experimental manipulation of soil-depth alters species richness and co-occurrence in restored tallgrass prairie. Journal of Ecology 98: 117-125. (*featured by EEB Flow Blog*)

Kolb, S., K. Fermanich, and M. Dornbush. 2009. Interactive effect of charcoal quantity and soil type on microbial biomass and activity in four temperate soils. Soil Science Society of America Journal 73: 1173-1181. (*highly cited paper >200 citations*)

Dornbush, M.E., C.A. Cambardella, E.R. Ingham, and J.W. Raich. 2008. A comparison of soil food webs beneath C3- and C4-dominated grasslands. Biology and Fertility of Soils 45: 73-81.

Dornbush, M.E. 2007. Grasses, litter, and their interaction affect microbial biomass and soil enzyme activity. Soil Biology & Biochemistry 39: 2241-2249.

Dornbush, M.E., J.W. Raich. 2006. Soil temperature, not aboveground plant productivity, best predicts intra-annual variations of soil respiration in central Iowa grasslands. Ecosystems 9: 909-920.

Dornbush, M.E. 2004. Plant community change following fifty-years of management at Kalsow Prairie Preserve, Iowa, U.S.A. American Midland Naturalist 151: 241-250.

Dornbush, M.E., T.M. Isenhart and J.W. Raich. 2002. Quantifying fine root decomposition: an alternative to buried litterbags. Ecology 83: 2985-2990.

Grants Received:

Fermanich, K. (PI), M.E. Dornbush (Co-PI), and R.F. Turco. *Linking Soil Health Assessment to Edge of Field Water Quality in the Great Lakes Basin*. Environmental Protection Agencies. Funding Period: September 16, 2016 – October 31, 2020. Total project amount: $507,989, UWGB Amount: $282,981.

Dornbush, M.E. (PI), and P. Robinson. Feasibility Analysis for Lake Michigan Research Institute. Funding Period: July 1, 2016 – June 30, 2019. Amount: $81,262.

Dornbush, M.E. (PI), M. Troge. Great Lakes Restoration Initiative 2014, "Silver Creek Sediment & Nutrient Reduction & Habitat Restoration; Vegetated water treatment systems sub-section." Full proposal submitted by B. Hafs, Green Bay Metropolitan Sewerage District. Funding Period: February 2015 – October 2019. Total project amount: $1,686,669, UWGB Amount: $74,780.

Dornbush, M.E. (PI), and P. Robinson. Amendment to: Cat Island & Duck Creek Delta Restoration-Restoring Green Bay Aquatic Vegetation & Avifauna. Funding Period: September 2014 – December 2016. Additional amount: $31,086.

Dornbush, M.E. (PI). Solid State Carbon and Nitrogen Combustion Analyzer Funding Request to the 1923 Foundation. January 2016 – September 2016. Amount: $52,000.

Fermanich, K. (PI), P. Baumgart, and M.E. Dornbush. Determination of impact of Great Lakes Restoration Imitative funded agricultural best management practices through APEX modeling in the Upper East River, near Green Bay, WI. Funding Period: March 2015 – December, 2016. Amount: $11,500; Supplemented with $5,000 for expanded scope of work.

Dornbush, M.E. (PI), K. Fermanich, and P. Baumgart. Brown County Land and Water Conservation Department, "Soil quality assessment and monitoring to support Lower Fox River Demonstration Farms." Funding Period: September 2014 – December 31, 2015. Amount: $51,115.

Dornbush, M.E. (PI), R. Howe, P. Robinson, A. Wolf, B. Kupsky, and T. Prestby. Ducks Unlimited, "Restoring Green Bay Aquatic Vegetation and Avifauna." Funding Period: September 2014 – September 2017. Amount: $226,781.

Dornbush, M.E. (PI). Baird Creek Preservation Foundation, "Baird Creek Preservation Foundation conservation capacity grant: First Year Seminar." Funding Period: July 1st, 2014 to June 30th, 2015. Amount: $5,990.

Dornbush, M.E. (PI). Various Donors, "Garlic mustard (*Alliaria petiolata*) dominance and the restoration potential of invaded forest understories in the upper Midwest. Funding Period: April 1st, 2014 to open. Amount: $1,225.

Davis, G. (PI), and M. Dornbush. University of Wisconsin-Green Bay Grants in Aid of Research titled, "Amos software for structural equation modeling." Funding Period: Spring 2014. Amount: $1,590.

Dornbush, M.E. (PI). The Nature Conservancy of Door Peninsula and Green Bay Watershed Office titled, "A comparison of ecological services between native and exotic *Phragmites australis* in Door County, WI." Funding Period: May 31st, 2013 to June 30th, 2015. Amount: $14,172.

Dornbush, M.E. (PI). Department of Energy sub-contract through the Oneida Nation of Indians titled, "Oneida Nation of Indians DOE Biofuel Project." Funding Period: May 2012-December 31, 2013. Amount: $70,777.

Dornbush, M.E. (PI), K. Fermanich, J. Stoll, and P. Baumgart. Wisconsin Focus on Energy: Environmental and Economic Research and Development Program Research Grant titled, "Maximizing ecological services and economic returns from targeted establishment of biomass grasslands for electrical and heat generation in Wisconsin." Funding Period: 2009-2011. Amount: $164,853.

Dornbush, M.E. UW-Green Bay Grants in Aide of Research titled' Evaluating the mechanisms promoting the dominance of the exotic herb *Alliaria petiolata* (garlic mustard) in a Wisconsin, USA forest." Funding Period: Fall 2010. Amount: $600.

Dornbush, M.E., and M, Draney. UW-Green Bay One Time Funds proposal to purchase new balances and preserved specimens for BIOLOGY 203 and BIOLOGY 311/511. Funding Period: Spring 2010. Funded for $3,600.

Dornbush, M.E., and B.J. Wilsey (PI). National Science Foundation award titled, "Research opportunity award: biodiversity of native and exotic grasslands." Funding Period: 2009-2010. Amount: $18,712.

Dornbush, M.E. UW-Green Bay Grant in Aid of Research titled, "Completing the Scientific Method." Funding Period: Fall 2008. Amount: $600.

Dornbush, M.E. (PI), B. Howe, and V. Medland. UW-Green Bay Laboratory Modernization Grant to renovate the LS Greenhouse. Funding Period: 2007-2008. Amount: $16,030.

Dornbush, M.E. (PI), and M. Draney. Invasive Species Fund for Brown County grant titled, "Interacting forces drive garlic mustard invasion and maintain its dominance in native woodlands." Funding Period: 2007. Amount: $2,000.

Dornbush, M.E. Proposal to the 1923 Foundation to cost-share the purchase of a Lachat QuikChem 8500 Series FIA+ flow injection analysis system and component equipment. Funding Period: Spring 2007. Amount: $35,000.

Dornbush, M.E. NAS 150 Funds request to cost-share the purchase of a Lachat QuikChem 8500 Series FIA+ flow injection analysis system and component equipment. Funding Period: Spring 2007. Funded for $25,000.

Dornbush, M.E. Proposal to the Bay Beach Wildlife Sanctuary, Green Bay, WI to fund a garlic mustard restoration research project. Funding Period: 2006. Amount: $1,350.

Dornbush, M.E. UW-Green Bay Grants-In-Aid of Research proposal titled, "*Alliaria petiolata* (garlic mustard) – a model system for understanding plant invasions." Funding Period: Spring 2006. Amount: $500.

Dornbush, M.E. UW-Green Bay Laboratory Modernization Grant for BIOLOGY 311/511: Plant Physiology. Funding Period: Fall 2005. Amount: $12,961.

Dornbush, M.E. Sigma Xi Grants In Aid of Research. Species-specific impacts on grassland biogeochemistry mediated through plant-microbe interactions. Funding Period: January 2005. Amount: $400.

Roseburg, T., L. Mottl, and M. Dornbush. Iowa Science Foundation. A quantitative analysis of the habitat preferences and distribution of the invasive woodland species *Alliaria petiolata* in Iowa. Funding Period: July 2000-July 2001. Amount: $5,000.

Raich, J.W., and M.E. Dornbush. Iowa Department of Natural Resources. Thirty years in Kalsow Prairie: has it changed? Funding Period: July 1999 to June 2000. Amount: $5,451.

Manuscripts Reviewed:

2018: New Phytologist

2017: Proceedings of the 2016 North American Prairie conference, Plant Ecology, Ecology

2016: Plant and Soil

2015: Chemistry and Ecology, Invasive Plant Science and Management, Perspectives in Plant Ecology, Evolution and Systematics, Restoration Ecology

2014: New Phytologist; Perspectives in Plant Ecology, Evolution and Systematics

2013: Journal of Applied Ecology, New Phytologist, and Oecologia

2012: Biotropica, Restoration Ecology, Plant & Soil, Wetlands, and New Phytologist

2011: Annals of Botany, Biotropica, and Landscape Ecology

2010: Environmental Management, European Journal of Soil Science, Journal of Applied Ecology, Plant and Soil, and Soil Biology and Biochemistry

2009: American Midland Naturalist, Applied Soil Ecology, Biotropica, Ecology, and Plant Ecology

2008: Applied Soil Ecology, Atmospheric Environment, Biotropica, Geoderma, Plant Ecology, and Soil & Tillage Research

2007: European Journal of Soil Science, Journal of Ecology, and Journal of Plant Ecology

2006: Biotropica, Journal of Ecology, Plant and Soil, and Plant Ecology

2005: Plant Ecology

Grants Reviewed:

2015: UW-Consortium for Extension and Research in Agriculture and Natural Resources competition; The Partner University Fund (a collaboration between the French government, American private donors, and the French American Cultural Exchange Foundation)

2010: National Science Foundation Division of Environmental Biology

2009: National Science Foundation Division of Environmental Biology

2007: National Science Foundation Division of Environmental Biology

Graduate Students Advised:

Major Professor at University of Wisconsin-Green Bay: Dustin Nelson (Summer 2018 to present); Jade Arneson (Summer 2018 to present); Isabelle George (Summer 2015 to present), Brianna Kupsky (Spring 2014 to Fall 2017), Reena Bowman (Fall 2013 to Fall 2017), Garek Holley (Fall 2013 to Fall 2016), **Matthew Peter*** (Spring 2013 to Fall 2015), Janalee Nelson (Fall 2012, idle), Lindsey Bender (Spring 2010, idle), Mandy Peterson (Spring 2010 to Spring 2012), **Adam von Haden*** (Fall 2009 to Spring 2012), Josh Martinez (Spring 2009 to Winter 2012), **Phil Hahn*** (August 2007 to May 2010) and Simone Kolb (August 2005 – December 2007).

**** - Denotes winners of UW-Green Bay Outstanding Thesis Awards***

Graduate Student Committee member for numerous (>15) additional students at University of Wisconsin-Green Bay.

Professional Memberships:

- Ecological Society of America (2001 to 2017)
- Sigma Xi: The Scientific Research Society (2003 to 2013)
- American Association for the Advancement of Science (2005 to present)
- Society for Restoration Ecology International (2007 to present)

Board Membership:

- Society for Ecological Restoration – Midwest-Great Lakes Chapter (April 2016 to present)
- Baird Creek Preservation Foundation (March 2007 to Fall 2017)
    - Executive Board (August 2010 to Fall 2017)

Presentations:

Arneson, J., Dornbush, M.E., Fermanich, K.R, A. Carrozzino-Lyon. Restoration of wild rice in coastal wetlands of the Bay of Green Bay, Lake Michigan.

- April 24, 2019. (*Accepted Poster*) Green Bay Conservation Partners Spring Roundtable. Green Bay, WI.
- April 12-14, 2019 (*Accepted Poster*) Society for Ecological Restoration Midwest Great Lakes Chapter Meeting. Pella, IA.
- March 5-6, 2019 (Poster) 9th Annual St. Louis River Summit, Lake Superior NERR. Superior, WI.
- February 19-21, 2019 (Poster) Wetland Science Conference, Wisconsin Wetlands Association. Madison, WI.

M. Meyers, Fermanich, K., R. Turco, M. Dornbush, M. Bischoff Gray, and L. Duriancik. Building Relationships between Soil Microbial and Biochemical Properties across Edge-of-Field Monitoring Sites in the Great Lakes Region February 4-5, 2019 (Poster) Iowa State University Soil Health Conference. Ames, IA.

Fermanich, K., R. Turco, M. Dornbush, M. Meyers, M. Bischoff Gray, G. Lawrence, and L. Duriancik. Linking Edge-of-Field Water Quality to Soil Health-Great Lakes Project August 1-3, 2018 (Poster) Soil Health Institute's, 3rd Annual Meeting. Albuquerque, NM.

Dornbush, M.E., and K.R. Fermanich. Measuring soil health and edge-of-field water quality: an ongoing effort between UW-Green Bay, Purdue University, and GLRI. July 17, 2018 (Invited Oral Presentation) Cooperative Institute for Great Lakes Research's (CIGLR) summit on Improving models of nutrient loading and harmful algal blooms through a watershed-scale approach that emphasizes soil health and upland farming practices. Ann Arbor, MI.

Dornbush, M.E., and K.R. Fermanich. Legacy Phosphorous. March 7-8, 2018 (Invited Oral Presentation) 19th Annual Fox-Wolf Watershed Alliance Conference. Green Bay, WI.

Fermanich, K., M. Dornbush, R. Turco, M. Bischoff Gray, G. Lawrence, L. Duriancik, and M. Meyers. Linking Soil Health Assessment to Edge of Field Water Quality in the Great Lakes Basin. July-August, 2017 (Poster) Soil and Water Conservation Society International Annual Conference. Madison, WI.

Bowman, R., and M. Dornbush. The influence of multiple ecosystem stressors on the restoration of upper Midwest forest understory communities. March, 2017 (Oral Presentation) Society for Ecological Restoration – Midwest Great Lakes Chapter. Grand Rapids, MI.

George, I., and M. Dornbush. Effects of diversity, nitrogen fertilization methods, and harvest schedule on phosphorous removal in a native perennial biofuel grassland. March, 2017 (Poster) Society for Ecological Restoration – Midwest Great Lakes Chapter. Grand Rapids, MI.

Kupsky, B., P. Robinson, B. Glenzinski, H.J. Harris, and M.E. Dornbush. Identifying establishment and restoration potential of *Vallisneria americana* in the Lower Bay of Green Bay, WI. February, 2016. (Poster) Wisconsin Wetlands Association Annual Meeting. Green Bay, WI. ***Winner of Best Student Poster**

Dornbush, M.E. March, 2015. Restoration in the Anthropocene: a tangled path to new norms? Invited presentation to the Fox Valley Area Wild Ones.

Peter, M.J., and M.E. Dornbush. February, 2015. When genotype matters: ecological implications of native and exotic *Phragmites australis* genotypes in Door County, WI wetlands. (Poster) Wisconsin Wetlands Association Annual Meeting. Madison, WI.

Fermanich, K., and M.E. Dornbush. February, 2015. Demonstration farms, monitoring and soil health. Invited co-presenters at Wisconsin Soil and Water Conservation Society Annual Conference in Green Bay, WI.

Peter, M., and M.E. Dornbush. February, 2015. When genotype matters: ecological implications of native and exotic *Phragmites australis* genotypes in Door County, WI wetlands. Poster. Wisconsin Wetlands Association Meeting in Madison, WI.

Dornbush, M.E. June, 2014. From slugs to fragmentation, evidence for indirect drivers of exotic plant dominance. Invited speaker at the 2014 Wisconsin Invasive Species Education Summit in Fall Creek, WI.

Dornbush, M.E. April, 2014. Benefits and opportunities: integrating biomass grasslands into the NE Wisconsin landscape. Heating the Midwest with Renewable Biomass conference in Green Bay, WI.

Dornbush, M.E., and M. Peter. 2014. Here Today, so What's Tomorrow?" Fight the *Phragmites* Workshop," sponsored by the East Shore Drive and Nicolet Drive Neighborhood Assosciations, Green Bay, WI.

Hahn, P.G., and M.E. Dornbush. March, 2014. Establishment and consumer mechanisms limit native plant regeneration and promote continued dominance of garlic mustard (*Alliaria petiolata*) in a Wisconsin, USA forest. Invited speaker at the 2014 Michigan Society of American Foresters meeting in Escanaba, MI.

Dornbush, M.E. March, 2014. The Green Republic: Tropical Conservation and Ecology in Costa Rica. Invited speaker for the UW-Green Bay Dinner Lecture Series.

Dornbush, M.E., P.G. Hahn, and J.A. Martinez. November, 2013. Establishment and consumer mechanisms promote continued dominance of the exotic herb garlic mustard (*Alliaria petiolata*) in a Wisconsin, USA forest. Invited speaker at the 2013 Southeastern Wisconsin Invasive Species Consortium, Inc. Annual Symposium in Milwaukee, WI. .

Dornbush, M.E., P.G. Hahn, and J.A. Martinez. October 9, 2013. From slugs to fragmentation, indirect drivers of garlic mustard dominance in NE Wisconsin. Invited Symposium 63: Indirect Effects of Invasive Species at The Wildlife Society 20th Annual Conference in Milwaukee, WI.

Dornbush, M.E. April, 2013. Benefits and Opportunities: integrating Biomass Grasslands into the NE Wisconsin landscape. Invited Presentation to the 2013 Green Innovations Conference. Green Bay, WI.

Dornbush, M.E., and M. Troge. April, 2013. Benefits and Opportunities: integrating Biomass Grasslands into the NE Wisconsin landscape. Invited Presentation to the 2013 Tribal Food Sovereignty Summit at the Radisson Hotel in Green Bay, WI.

Dornbush, M.E. February, 2013. Tropical conservation and ecology in Costa Rica: eight years of collaborative experiences. Invited Presentation to the East DePere High School for International Week Symposia, DePere, WI.

Dornbush, M.E. June, 2012. Garlic Mustard: how misunderstanding of invasion cause can obstruct recovery. Invited Presentation to the Indian Hill Neighborhood Association Annual Meeting, Green Bay, WI.

Dornbush, M.E. May, 2012. Tropical Conservation and Ecology in Costa Rica. Gave multiple presentations to multiple classes in grades K, 1, 3, 4, and 5 at Martin Elementary School, Green Bay, WI.

Dornbush, M.E. April, 2012. Less in more out: benefits of landscaping with native plants. Invited Presentation to the Manitowoc Garden Club, Manitowoc, WI.

Dornbush, M.E. September, 2011. Colonization and consumer mechanisms promote dominance of the exotic herb garlic mustard in a Wisconsin, USA forest. Invited Presentation to the UW-Green Bay's Natural & Applied Sciences Seminar Series, Green Bay, WI.

Dornbush, M.E. October, 2011. Less in more out: benefits of landscaping with native plants. Invited Presentation to an open meeting of the Wild Ones, Green Bay, WI.

von Haden, A., and M.E. Dornbush. August 10, 2011. Above- and Below-ground partitioning in tallgrass prairie along a landscape-scale soil moisture continuum: implications for carbon sequestration. Contributed Oral Paper at the Ecological Society of America Meeting in Austin, TX.

Dornbush, M.E. June, 2011. Presentation to Encompass Daycare 4K on plant leaves.

Dornbush, M.E. October, 2010. Colonization and consumer mechanisms promote dominance of the exotic herb garlic mustard in a Wisconsin, USA forest. Invited Presentation to the Ecology, Evolution and Organismal Biology Departmental Seminar at Iowa State University, Ames, IA.

Hahn, P.G., and M.E. Dornbush, M.E. August 6, 2010. Native plant survival limited more by an exotic consumer than an exotic plant. Contributed Oral Paper at the Ecological Society of America Meeting in Pittsburgh, PA.

Dornbush, M.E. May, 2010. Ecosystem services and invasive species: how misunderstanding of cause can obstruct recovery. Keynote Speaker for the University of Wisconsin-Oshkosh's 2010 Sigma Xi banquet.

Dornbush, M.E. July, 2009. Presentation to teachers in the Earth Partnership with Schools Restore Project coordinated through the Cofrin Center for Biodiversity, Green Bay, WI.

Dornbush, M.E. January, 2009. Fed by the soil food web. Invited Presentation to the Green Bay Botanical Garden, Green Bay, WI.

Dornbush, M.E. January, 2009. Tropical Ecology and Conservation in Costa Rica. Invited Presentation for the Neville Public Museum's Natural History Lecture series, Brown Co., WI.

Dornbush, M.E., and B.J. Wilsey. August 8, 2007. Soil depth effects on plant species richness and community composition in restored tallgrass prairie in central Iowa, USA. Contributed Oral Paper at the Ecological Society of America Meeting in San Jose, CA.

Dornbush, M.E. May, 2007. Biodiversity benefits, invasive species ecology, and the use of ecological theory to guide sustainability. Invited Presentation to the 2007 Tribeta Induction Ceremony. UW-Green Bay Chapter.

Dornbush, M.E. May, 2007. Biodiversity benefits, invasive species ecology, and the use of ecological theory to guide sustainability. Invited Presentation to the Green Bay Botanical Garden for International Plant Conservation Day.

Dornbush, M.E. March, 2007. Woodland diversity, garlic mustard invasion, and strategies for community restoration. Invited Presentation to the Green Bay Chapter of the Wild Ones titled.

Dornbush, M.E. February, 2007. Fed by the Soil Food Web. Invited Presentation to the 2007 Thoughtful Gardener Conference in Green Bay, WI.

Dornbush, M.E., and M. Draney. September, 2007. How an anthill affects an ecosystem. Neville Public Museum of Brown County, WI.

Dornbush, M.E. and J.W. Raich. August, 2004. Plants, detritus, and their interaction affect microbial biomass and soil enzyme activity. Contributed Oral Paper at the Ecological Society of America Meeting in Portland, OR.

Dornbush, M.E., and J.W. Raich. August, 2003. Evaluating the influence of aboveground production on grassland soil respiration in central Iowa, U.S.A. Contributed Oral Paper at the Ecological Society of America Meeting in Savannah, GA.

Dornbush, M.E., L. Mottl and T. Rosburg. 2003. Distribution, habitat preferences and community impact of *Alliaria petiolata* (garlic mustard) in Iowa's woodland plant communities. Contributed Oral Paper at the Iowa Academy of Science 2003 Annual Meeting. Des Moines, Iowa.

Dornbush, M.E. 2003. Evaluating the influence of aboveground production on grassland soil respiration in Central Iowa, U.S.A. Oral presentation at the 10th Annual Ecology and Evolutionary Biology Spring Symposium. Ames, Iowa.

Raich, J., and M. Dornbush. August, 2002. Plant phenology affects seasonal patterns of soil respiration in central Iowa grasslands. Contributed Oral Paper at the Ecological Society of America Meeting in Tucson, AZ.

Dornbush, M.E., and J.W. Raich. August, 2001. Do litterbags underestimate fine root decomposition? Contributed Oral Paper at the Ecological Society of America Meeting in Madison, WI.

Mottl, L.M., and M.E. Dornbush. 2001. Garlic Mustard: A threat to the biodiversity of Iowa woodlands. Oral presentation at the Iowa Society of American Foresters' seminar on Woodlands and Prairies. Ames, IA.

Other Select Administrative Experience:

UW-System or campus wide committees:

General

- Chancellor's Invent the Future Steering Committee (Fall 2014 to Spring 2015)
    - Academic Portfolio Working Group
- International Visiting Scholars Program Steering Committee. This is a collaborative relationship between UW-Green Bay, St. Norbert's College, and the Green Bay community (Fall 2010 to Spring 2014)
- Cofrin Center for Biodiversity Faculty Advisory Committee (Fall 2007 to Spring 2013)
    - **Chair** (2008-2009 Academic year)
    - **Chair** (2011-2012 Academic year)
- Environmental Management and Business Institute (EMBI) Development Committee (Summer 2008 to Spring 2009)
- Faculty Senate – Senator (Fall 2007 to Spring 2009)

Graduate Studies

- Graduate Studies Council (Fall 2012 to Summer 2015)
    - **Chair** (2014-2015)
    - **Chair** (2013-2014)
- Chancellor's Graduate Studies Task Force (Fall 2014 to Spring 2015)
    - **Chair** (Fall 2014 to Spring 2015)
- Provost's Graduate Growth Sub-committee (Spring 2014 to Summer 2015)
    - **Chair** (Spring 2014 to Fall 2014)
- Chancellor Appointed Graduate Task Force (Spring 2011)
    - **Chair** (Spring 2011)

Search and Screen Committees of Note:

- University Chancellor Search and Screen Committee (Spring 2014)
    - Selected on two separate occasions as one of five members from the 23 member committee to present a summary of one of the five finalists to the UW-System Board of Regents.
- Associate Provost of Academic Affairs/Director of Graduate Studies Search and Screen Committee (Spring 2014)
- Associate Provost of Academic Affairs/Director of Graduate Studies Search and Screen Committee (Fall 2012)

Departmental committees, subcommittees of Note:

- Executive Committee Natural and Applied Sciences (Fall 2010 to Summer 2015)
    - NAS Seminar Series (Fall 2011 to Fall 2015)
        - **Founding Chair** (Fall 2011 through Spring 2013)
    - Greenhouse Subcommittee (Fall 2011 to Summer 2015)
        - **Co-chair** (Fall 2007 to Spring 2016)
    - NAS Heirloom Plant Sale Fund sub-committee (Fall 2006 to Fall 2015)

- Environmental Science & Policy Graduate Program (Fall 2005 to Summer 2015)
    - **Chair** (re-elected for Fall 2015)
    - **Chair** (Fall 2012 to Summer 2015)
- Executive Committee in Public and Environmental Affairs (Fall 2012 to Fall 2015)
- Executive Committee Global Studies Interdisciplinary Minor (Spring 2010 to Fall 2015)

Courses Taught:

BIOLOGY 203: Principles of Biology: Organisms, Ecology, and Evolution (Lecture and Laboratory)

BIOLOGY 311/511: Plant Physiology (Lecture and Laboratory)

ENV SCI 102: Introduction to Environmental Science (Lecture)

ENV SCI 198-002: Let's Go Native: Conservation Biology in Practice – Freshmen Seminar (Lecture/Laboratory hybrid)

ENV SCI 320/520: The Soil Environment (Lecture)

ENV SCI 492, 467/696: Practicum in Restoration Ecology (Lecture/Laboratory hybrid)

ENV SCI 499/699: Tropical Conservation and Ecology in Costa Rica (Travel Course)

ENV S&P 701: Perspectives in Environmental Science and Policy (Lecture)

ENV SP 740: Ecosystem Management (Lecture)