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APPOINTMENTS

Assistant Professor – Bryn Mawr College, Bryn Mawr, PA	2012 – Present
Research Associate – Smithsonian Environmental Research Center	2012 – Present
Visiting Scientist – Belle Baruch Institute for Marine and Coastal Studies	2012
Smithsonian Fellow – Smithsonian Environmental Research Center	2009 – 2012
Secretary's Distinguished Research Fellow, Smithsonian Institution	2009 – 2011
Fulbright Fellow – Jagiellonian University, Krakow, Poland	2000 – 2001

EDUCATION

2009 **University of Virginia**, Charlottesville, VA
Ph.D. Environmental Sciences
Advisors: Dr. Karen McGlathery & Dr. Joseph Zieman

2005 **University of Virginia**, Charlottesville, VA
M.S. Environmental Sciences
Advisor: Dr. Joseph Zieman

2000 **Fairfield University**, Fairfield, CT
B.S. Biology *cum laude*
Advisor: Dr. Randolph Chambers

1997 **Jagiellonian University,** Krakow, Poland
Polish Ministry of National Education Scholar for 1997-1998

RESEARCH INTERESTS

- Global change ecology
- Plant ecological physiology
- Conservation Biology
- Invasion ecology
- Carbon cycling
- Eco-Evo dynamics

SELECTED RESEARCH HONORS AND AWARDS

SECRETARY'S DISTINGUISHED RESEARCH FELLOW, Smithsonian Institution. 2009-2011
FULBRIGHT FELLOWSHIP. Jagiellonian University, Krakow, Poland. 2000-2001
Co-PI: NSF-LTREB -0950080 - (2016-2021) - $449,7111
Collaborative NSF DEB-1328086- (2014-2017) - $174,331 of $1,651,140
NSF-MRI- EAR-1428975 – (214-2016) - $199,914

PEER-REVIEWED PUBLICATIONS (27 TOTAL, 15 FIRST OR STUDENT FIRST AUTHOR)

Bernal, B, J. P. Megonigal, & **T.J. Mozdzer.** An invasive wetland grass primes deep soil carbon pools. ***Global Change Biology***. doi:10.1111/gcb.13539

Packer, J. L.A. Meyerson, D.M. Richardson, G. Brundu, W.J. Allen, G.P. Bhattarai, H. Brix, S. Canavan, S. Castiglione, A. Cicatelli, J. Cuda, J.T. Cronin, F. Eller, F. Guarino, W.H. Guo, W.Y. Guo, X. Guo, C. Lambertini, J. Liu, V. Lozano, **T.J. Mozdzer,** H. Skalova. "Global networks for invasion science: benefits, challenges, and guidelines." ***Biological Invasions***. doi: 10.1007/s10530-016-1302-3.

2016 Lu, M, J.S. Caplan, J. Bakker, J.A. Langley, **T.J. Mozdzer**, B. Drake, J.P. Megonigal. Allometry data and equations for coastal marsh plants. ***Ecology.*** *doi:*10.1002/ecy.1600

2016 **Mozdzer, T. J.**, J.S. Caplan, R.N Hager, C.E. Proffitt, L.A. Meyerson. Contrasting trait responses to latitudinal climate variation in two lineages of an invasive grass. ***Biological Invasions***. 18: 2649. doi:10.1007/s10530-016-1218-y

2016 Johnson, D.S., R.S. Warren, L.A. Deegan, & **T.J. Mozdzer**. Saltmarsh plant responses to eutrophication. ***Ecological Applications***. doi: 10.1002/eap.1402

2016 **Mozdzer, T. J.**, J. A. Langley, P. Mueller, & J. P. Megonigal. Elevated CO_2 promotes deeper growth facilitating spread of invasive grass. ***Biological Invasions.*** *doi: 10.1007/s10530-016-1156-8*

2016 Bernal, B**. D.C. McKinley, P.M. White, **T.J. Mozdzer**, J.P. Megonigal. Limits to soil carbon stability; Deep, ancient soil carbon decomposition stimulated by new labile organic inputs. ***Soil Biology & Biochemistry*** 98:85-94. doi: 10.1016/j.soilbio.2016.04.007. **Sponsored postdoc

2016 Mueller, P., R. N. Hager*, J.E. Meschter**, **T.J. Mozdzer,** J.A. Langley, K. Jensen, J.P. Megonigal. Complex invader-ecosystem interactions and seasonality mediate the impact of non-native *Phragmites* on CH_4 emissions. ***Biological Invasions***. 18: 2635. doi:10.1007/s10530-016-1093-6. ****undergraduate student & co-first author***, ** graduate student.

2015 Caplan, J.S**., R. N. Hager*, J. P. Megonigal, **Mozdzer, T. J.**, Global Change increases stand level carbon fixation by a wetland ecosystem engineer. ***Environmental Research Letters.*** 10(11): 115006. doi:10.1088/1748-9326/10/11/115006 *undergraduate student, ** Sponsored postdoc.

2014 **Mozdzer, T. J.**, K.J. McGlathery, A.L. Mills, & J.C. Zieman. Latitudinal variation in the availability and use of dissolved organic nitrogen in Atlantic Coast salt marshes. ***Ecology.*** doi: 10.1890/13-1823.1

2014 Hines, J. Reyes, M. **T.J. Mozdzer,** *&* M. Gessner. Genotypic trait variation modified effects of warming and nitrogen deposition on ecosystem function. ***Global change Biology.*** doi: 10.1111/gcb.12704

2014 J.C. Caplan**, C. Wheaton*, & **T.J. Mozdzer.** Belowground advantages in construction cost facilitate a cryptic plant invasion. ***AoB Plants***. plu020. doi: 10.1093/aobpla/plu020. *undergraduate student, **postdoc.

2014 Silliman, B.R., **T.J. Mozdzer,** C. Angelini, J.E. Brundage, J.P. Bakker, P. Esslink, J. van de Koppel, A.H. Baldwin. Livestock as a biological control agent for an invasive wetland plant. ***Peer J***. doi: 10.7717/peerj.567.

2014 Hazelton*, E.L.G, **T.J. Mozdzer*,** D. Burdick, K.M. Kettenring, & D. Whigham**.** *Phragmites australis* management in the United States: 40 years of methods and outcomes. ***AoB PLANTS*** plu001**.** doi: 10.1093/aobpla/plu001 ***Authors contributed equally* - Invited review**

2013 **Mozdzer, T. J.,** J. Brisson, & E. Hazelton. Physiological ecology and interactions between North American native and introduced lineages of common reed, *Phragmites australis*. **AoB PLANTS.** plt048 doi:10.1093/aobpla/plt048. **Invited review – *EDITOR'S CHOICE***

2013 **Mozdzer, T. J.** & J.P. Megonigal. Increased methane emissions by an introduced *Phragmites australis* lineage under global change. ***Wetlands***. 3(4):609-615. doi: 10.1007/s13157-013-0417-x.

2013 Langley, J.A. **T.J. Mozdzer,** K.A. Shepard, S.B. Hagerty, J.P. Megonigal. Tidal marsh plant response to elevated CO_2, nitrogen fertilization, and sea level rise. ***Global Change Biology***. 19(5): 1495-1503. doi: 0.1111/gcb.12147

2012 **Mozdzer, T. J.** & J.P. Megonigal. Jack-and-Master trait responses to elevated CO_2 and N: a comparison of native and introduced Phragmites australis. **PLoS ONE** 7(10): e42794. doi: 10.1371/journal.pone.0042794

2011 **Mozdzer, T. J.**, M.L. Kirwan, J.C. Zieman, & K.J. McGlathery. Nitrogen uptake by shoots of smooth cordgrass *Spartina alterniflora*. ***Marine Ecology-Progress Series***. 443:43-52 doi: 10.3354/meps09117

2011 Kathilankal, J.C., **T J. Mozdzer**, J.D. Fuentes, K.J. McGlathery, P.D'Odorico, J.C. Zieman**.** Physiological responses of *Spartina alterniflora* to varying environmental conditions in Virginia marshes. ***Hydrobiologia***. 669 (1): 167-181. doi: 10.1007/s10750-011-0681-9

2011 Brantley, S.L, J.P. Megonigal, F.N. Scatena, Z. Balogh-Brunstad, R.T. Barnes, M.A. Bruns, P. Van Cappellen, K. Dontsova, H.E. Hartnett, A.S. Hartshorn, A. Heimsath, E. Herndon, L. Jin, C.K. Keller, J.R. Leake, W.H. McDowell, F.C. Meinzer, **T.J. Mozdzer,** S. Petsch, J.Pett-Ridge, K.S. Pregitzer, P.A. Raymond, C.S. Rieve, K. Shumaker, A. Sutton-Grier, R. Walter, K. Yoo Twelve testable hypotheses on the geobiology of weathering. ***Geobiology.*** 9(2): 140-165. doi: 10.1111/j.1472-4669.2010.00264.x

2010 **Mozdzer, T. J.** & J.C. Zieman. Ecophysiological differences between genetic lineages facilitate the invasion of non-native *Phragmites australis* in North American Atlantic Coast wetlands. ***Journal of Ecology*** 98 (2): 451-458. doi: 10.111/j.1365-2745.2009.01625.x

2010 **Mozdzer, T. J.**, J.C. Zieman, & K.J. McGlathery. Nitrogen uptake by native and invasive temperate coastal macrophytes: Importance of dissolved organic nitrogen. ***Estuaries & Coasts.*** doi: 10.1007/s12237-009-9254-9

2008 **Mozdzer, T. J.** C. Hutto, P.A. Clarke, & D. Field. Efficacy of imazapyr and glyphosate in the control of non-native *Phragmites australis*. ***Restoration Ecology*** 16 (2): 221-224. doi: 10.1111/j.1526-100X.2008.00386.x

2008 Kathilankal, J.C., **T.J. Mozdzer,** J.D. Fuentes, P. D'Odorico, K.J. McGlathery, & J.C. Zieman. Tidal influences on carbon assimilation by salt marshes. ***Environmental Research Letters*** 3: 044010 (6pp). doi: 10.1088/1748-9326/3/4/044010

2003 **Mozdzer, T. J.**, P. Kramarz, A. Piskiewicz, and M. Niklinksa. Effects of cadmium and zinc on larval growth and survival in the ground beetle, *Pterostichus oblongopunctatus*. ***Environment International*** 28(8): 737-742. doi: 10.1016/S0160(02)00107-1

1998 Chambers, R.M., T**. J. Mozdzer**, J. C. Ambrose. Effects of salinity and sulfide on the distributions of *Phragmites australis* and *Spartina alterniflora* in a tidal marsh. ***Aquatic Botany*** 62:161-169. doi: 10.1016/S0304-3770(98)00095-3

MANUSCRIPTS IN REVIEW (2 SUBMITTED-AVAILABLE UPON REQUEST)

Mozdzer, T. J., J.S. Caplan, R.N. Hager, & J.P. Megonigal. Global change enhances plant functional traits and leaf level physiology in an invasive clonal grass. Submitted to: ***Global Change Biology.***

Caplan, J.C., B.W.G. Stone, C.A. Faillace, J.J. Lafond, J. Baumgarden, **T.J. Mozdzer,** J.Dighton, S.J. Meiners, J.C. Grabosky, J.G. Ehrenfeld. "Root traits of forest shrubs correspond with interspecific differences in productivity and population growth." Submitted to: ***Nature Communications***

MANUSCRIPTS IN PROGRESS (4 IN PREPARATION)

Mozdzer, T.J., M.K. McCormick, J.S. Caplan & J. P. Megonigal. Global change induced genetic filtering in invasive species increases ecosystem resilience to sea level rise. Target: *Nature*

Mozdzer, T.J., M.K. McCormick, L.A. Deegan, C. E. Bauer. Coastal eutrophication reduces genetic diversity and alters phenology resulting in coastal marsh collapse. Target: *Ecology Letters*

Cott, G. J.S. Caplan, & **T.J. Mozdzer.** Nitrogen uptake kinetics underpin plan responses to global change. Target: *Global Change Biology*

Bernal, B., J.P. Megonigal, & **T.J. Mozdzer.** Species specific priming alters deep soil organic matter dynamics. Target: *Biogeochemistry*

ORAL PRESENTATIONS (41 TOTAL & 7 STUDENT* & 7 POSTDOC ** 1ST AUTHORS)

2016 Warren, R.S., D.S. Johnson, L.A. Deegan, & **T.J. Mozdzer**. "Plot level results to ecosystem level responses: Extrapolate with caution. New England Estuarine Research Society Meeting, 20-22 October, Block Island, RI.

2016 **Mozdzer, T.J.,** M.K. McCormick, C, Bauer, J.L. Bowen, L.A. Deegan. Long-term nitrogen fertilization reduces Spartina alterniflora genetic diversity altering ecosystem stability. Society of Wetland Scientists Annual Meeting, 31 May- 4 June, Corpus Christi, TX. **Invited presentation.**

2016 Bernal, B.**, J.P. Megonigal, **T.J. Mozdzer.** An invasive wetland grass can prime deep soil carbon that was sequestered under native vegetation. Society of Wetland Scientists Annual Meeting, 31 May- 4 June, Corpus Christi, TX. **postdoc.

2015 McCormick, M, K., **T.J. Mozdzer,** C. Bauer, J. Bowen, L.A. Deegan. Loss of Spartina alterniflora genetic diversity associated with marsh bank fragmentation after long-term fertilization. Ecological Society of America Annual Meeting. 9-14 August, Baltimore, MD.

2015 **Mozdzer, T.J.,** M.K. McCormick, J.S. Caplan, J.P Megonigal. Effects of elevated CO2 and nitrogen pollution on Phragmites australis invasion. Ecological Society of America Annual Meeting. 9-14 August, Baltimore, MD.

2015 Caplan, J.S. **, R.N. Hager, J. P. Megonigal, **T. J. Mozdzer.** Gross primary productivity of *Phragmites australis* under elevated CO_2 and N enrichment. Ecological Society of America Annual Meeting. 9-14 August, Baltimore, MD.

2015 Bernal, B. **, **T. J. Mozdzer,** J. P. Megonigal. Invasive Phragmites enhances decomposition of deep, stable soil organic matter. Ecological Society of America Annual Meeting. 9-14 August, Baltimore, MD.

2015 **Mozdzer, T.J.,** M.K. McCormick, J.S. Caplan & J. P. Megonigal. Effects of elevated CO_2 and nitrogen on Phragmites australis invasion . Society of Wetland Scientists Annual Meeting, 31 May- 4 June, Providence, RI. **Invited presentation.**

2015 McCormick, M.K, I. Slette, **R.N. Hager***, J.S. Caplan, J. P. Megonigal, & **T.J. Mozdzer**. Genetic responses of *Phragmites* to multiple global change factors. Society of Wetland Scientists Annual Meeting, 31 May- 4 June, Providence, RI. **Invited presentation.**

2015 Bernal, B**, **T.J. Mozdzer,** & J.P. Megonigal. Species invasion can cause loss of ancient organic matter accumulated under native vegetation. Society of Wetland Scientists Annual Meeting, 31 May- 4 June, Providence, RI. **Invited presentation.**

2015 Caplan, J.S. **, **R. N. Hager***, J.P. Megonigal & **T.J. Mozdzer**. Multi-year responses of Phragmites australis leaf level physiology to elevated CO2 and nitrogen enrichment. Society of Wetland Scientists Annual Meeting, 31 May- 4 June, Providence, RI. **Invited presentation.**

2015 Bernal, B**, **T.J. Mozdzer,** & J.P. Megonigal. Global change enhances effects of *Phragmites australis* on C and N pools and cycling to facilitate invasion. Society of Wetland Scientists Annual Meeting, 31 May- 4 June, Providence, RI. **Invited presentation.**

2015 **Hager, R.N**.*, J. Meschter, P. Mueller, J.P. Megonigal, & **T.J. Mozdzer.** *Phragmites australis* invasion influences brackish marsh methane emissions. Society of Wetland Scientists Annual Meeting, 31 May- 4 June, Providence, RI. **Invited presentation.**

2015 **Meschter, J.* T.J. Mozdzer,** J.P. Megonigal, & A. Baldwin**.** Deeply rooting *Phragmites australis* utilized deep N pools to circumvent competition with native species and meet higher aboveground nitrogen demand. Society of Wetland Scientists Annual Meeting, 31 May- 4 June, Providence, RI. **Invited presentation.**

2014 Caplan, J.S. **, R.N. Hager, J.P Megonigal, & **T. J. Mozdzer**. Seasonal carbon fixation by an invasive wetland grass under global change scenarios. Joint Aquatic Sciences Meeting, 18-23 May, Portland, OR. **Invited presentation.**

2014 **Hager, R.N.** *, J.S. Caplan, J.P Megonigal, & **T. J. Mozdzer**. Seasonal carbon fixation by an invasive wetland grass under global change scenarios. Joint Aquatic Sciences Meeting, 18-23 May, Portland, OR. **Invited presentation.**

2014 **Mozdzer**, **T.J.,** J.A. Langley & S. Chapman. IGNITE sub-session: Nutrient pollution and tidal wetland viability – the lightning round. Joint Aquatic Sciences Meeting, 18-23 May, Portland, OR.

2014 **Hager, R.N*,** J.S. Caplan, J.P. Megonigal, & **T.J. Mozdzer.** *Phragmites australis* functional traits and carbon fixation are affected by anthropogenic climate change. Atlantic Estuarine Research Society Meeting, 27-29 March, 2014, Ocean City, MD. **– Outstanding student presentation award.**

2013 **Mozdzer, T.J.,** M.K. McCormick, & J. P. Megonigal. Effects of elevated CO_2 and nitrogen on Phragmites australis invasion . Coastal and Estuarine Research Federation Meeting, 3-8 November, San Diego, CA.

2013 **Meschter, J.,*** P. Mueller, **T.J. Mozdzer,** J. P. Megonigal, A. Baldwin, K. Jensen. Quantifying methane gas fluxes in relation to invading Phragmites Australis in tidal brackish marshes in a tributary of the Chesapeake Bay. Coastal and Estuarine Research Federation Meeting, 3-8 November, San Diego, CA

2013 **Mozdzer, T.J.,** J.A. Langley, P. Muller, & J. P. Megonigal. Deep rooting and elevated CO_2 facilitate invasion of introduced *Phragmites australis*. Soil Ecology Society Meeting, 11-14 June, Camden, NJ.

2013 **Mozdzer, T.J.,** J.A. Langley, P. Muller, & J. P. Megonigal. Elevated CO_2 increased *Phragmites australis* invasion in a Chesapeake Bay tidal marsh. Atlantic Estuarine Research Society Spring Meeting, 11-13 April, Williamsburg, VA.

2012 **Mozdzer, T.J.** & R.M. Chambers. *Phragmites australis:* Ecosystem Services. 39th Annual Natural Areas Conference, 9-12 October, Norfolk, VA.

2011 **Mozdzer, T.J.,** J. Brisson & J.P. Megonigal. Physiological ecology and global change responses of North American native and Eurasian introduced *Phragmites australis* lineages. International Conference of the Society of Wetland Scientists, 3-8 July, Prague, Czech Republic.

2011 Hazelton, E., **T.J. Mozdzer,** & D. Burdick**.** The current state of *Phragmites australis* management in the United States. International Conference of the Society of Wetland Scientists, 3-8 July, Prague, Czech Republic.

2011 Whigham, D., E. Hazelton, **T.J. Mozdzer,** K. M. Kettenring, M.K. McCormick, & A.H. Baldwin . Status, ecology, and management of *Phragmites australis* – Introduction to the symposium. International Conference of the Society of Wetland Scientists, 3-8 July, Prague, Czech Republic.

2011 Hines, J., **T.J. Mozdzer,** & M.O. Gessner. Ecosystem response to climate change varies across a latitudinal gradient. Annual Meeting of the Ecological Society of America, 7-12, August, Austin, TX.

2010 **Mozdzer, T.J.** & J.P. Megonigal. Family Feud: How native and introduced conspecifics of *Phragmites australis* respond to global change. Annual Meeting of the Ecological Society of America, 1-5 August, Pittsburgh, PA.

2009 **Mozdzer, T.J.,** M. Kirwan, K.J. McGlathery, & J.C. Zieman. Importance of foliar N uptake in *Spartina alterniflora* tidal marshes. International Conference of the Society of Wetland Scientists. 21-26 June, Madison, WI.

2009 **Mozdzer, T.J.** & J.C. Zieman. Global change drives the invasion of introduced *Phragmites australis* in North American salt marshes. 19th International Conference of the Estuarine Research Federation, 1-5 November, Portland, OR. **Invited presentation.**

2009 **Mozdzer, T.J.** Interactions of ecophysiology and global change as drivers in the spread of introduced *Phragmites.* Ecosystems Based Management Conference: the Chesapeake and other systems, 23 March, Baltimore MD. **Invited presentation and panelist.**

2008 **Mozdzer, T.J.** & J. C. Zieman. Non-native *Phragmites australis* expansion is facilitated by ecophysiological differences among lineages in tidal wetlands. Fall Meeting of the New England Estuarine Research Society, 16-18, October, Block Island, RI. **Ketchum Prize *for* Best Presentation.**

2008 **Mozdzer, T.J.,** K.J. McGlathery & J.C. Zieman. Latitudinal variation in the utilization of dissolved organic nitrogen by *Spartina alterniflora.* International Conference of the Society of Wetland Scientists, 26-30 May, Washington, DC.

2008 **Mozdzer, T.J.** & J. C. Zieman. Ecophysiological differences facilitate the expansion of introduced *Phragmites australis.* Spring Meeting of the Atlantic Estuarine Research Society, 14-15 March, Lewes, DE. **Best Presentation Award**

2007 **Mozdzer, T.J.,** J.C. Zieman, & K.J. McGlathery. Latitudinal variation in the availability and utilization of dissolved organic nitrogen by *Spartina alterniflora*. International Conference of the Estuarine Research Federation, 4-8 November, Providence, RI.

2007 **Mozdzer, T.J.** & J.C. Zieman. Photosynthetic differences between native and non-native haplotypes of *Phragmites australis.* Annual Meeting of the Ecological Society of America, 5-10 August, San Jose, CA.

2006 **Mozdzer, T.J.**, J.C. Zieman, & K.J. McGlathery. Utilization of dissolved organic nitrogen by the macrophytes *Spartina alterniflora* and *Phragmites australis.* International Conference of the Society of Wetland Scientists, 9-14 July, Cairns, Australia.

2006 **Mozdzer, T.J.** & J.C. Zieman. Photosynthetic differences between native and non-native haplotypes of *Phragmites australis.* 21st Annual Envirodays Research Symposium, 17 January, Charlottesville, VA.

2005 **Mozdzer, T.J**. Virginia Coast Long Term Ecological Research site level synthesis. LTER Student Collaborative Research Symposium. 13-17 April, Blue River, OR.

2005 **Mozdzer, T.J.**, J.C. Zieman, & K.J. McGlathery. Utilization of dissolved organic nitrogen by *Spartina alterniflora* and *Phragmites australis.* 20th Annual Envirodays Research Symposium, 18 January, Charlottesville, VA. **Best Presentation Award.**

2004 **Mozdzer, T.J.**, J.C. Zieman, & K.J. McGlathery. Utilization of dissolved organic nitrogen by the macrophytes *Spartina alterniflora* and *Phragmites australis.* Fall Meeting of the Atlantic Estuarine Research Society, 14-16 October, Lyndhurst, NJ.

POSTER PRESENTATIONS, (22 TOTAL AND 6 BMC UNDERGRADUATE* 1ST AUTHOR)

2015 Kelly, B., B. Bernal, J. P. Megonigal, T.J. Mozdzer, J.A. Langley. Wetland carbon and nitrogen mineralization in response to biotic and abiotic global change. Ecological Society of America Annual Meeting, 9-14 August, Baltimore, MD.

2015 **Leech, F.*, C. E. Bauer*, P. Vaddi*,** J.A. Langley, J.P. Megonigal & **T.J. Mozdzer**. Effects of multiple interacting global change factors on introduced common reed, *Phragmites australis.* 120th Anniversary Research Conference of the New England Botanical Club. 5-7 June, Northampton, MA.

2015 Mueller, P., J.E. Meschter, **R.N. Hager***, **T.J. Mozdzer,** K. Jensen, J.A. Langley, A. Baldwin, & J. P. Megonigal. Invading *Phragmites australis* stimulates methane emissions from North American tidal marshes. Geophysical Research Abstracts. Vol. 17, EGU2015-3606-3, 2015. European Geophysical Union. General Assembly 2015.

2014 **Geoghegan, E*,** J.S. Caplan, **Brougham, L*, Hager, R.N*,** & **T.J. Mozdzer.** Carbon fixation by the invasive common reed under current and near future CO_2 and nitrogen conditions. Mid-Atlantic Regional Climate Symposium, 21 November, Rutgers, New Brunswick, NJ.

2014 **Mozdzer, T.J.** & J.P Megonigal. Increased root productivity by invasive plants increase tidal wetland viability under nutrient pollution and elevation CO_2. Joint Aquatic Sciences Meeting, 18-23 May, Portland, OR.

2014 **Hager, R.N*,** J.S. Caplan, J.P. Megonigal, & **T.J. Mozdzer.** Rising CO_2 and N influence *Phragmites australis* functional traits and carbon fixation. Society of Wetland Scientists Meeting – Mid Atlantic Chapter, 4-5 March, State College, PA.

2014 Caplan, J.S., **C. Wheaton*, T.J. Mozdzer.** Tissue construction costs for conspecific lineages of *Phragmites australis* under global change. Atlantic Estuarine Research Society Meeting, 27-29 March, 2014, Ocean City, MD.

2014 **Bauer, C.E*.,** J.S. Caplan, J.A. Nelson, L.A. Deegan &, **T.J. Mozdzer.** Effects of nitrogen fertilization on *Spartina alterniflora* growth. Atlantic Estuarine Research Society Meeting, 27-29 March, 2014, Ocean City, MD.

2014 **Mozdzer, T.J.,** M.K. McCormick, J.L. Bowen, L.A. Deegan. Chronic nutrient pollution causes a shift in genotype diversity and identity in a New England salt marsh. Plum Island Ecosystems –LTER All Scientists Meeting, 27-28 April, Woods Hole, MA.

2012 Hagerty, S.B.*, Langley, **Mozdzer, T.J.,** Aoki, L.R.*. Megonigal, J.P. Methane production and emissions from a tidal wetland under multifactor global change. 97th Annual Meeting of the Ecological Society of America, 5-10 August, Portland, OR.

2012 Mozdzer, T.J., Megonigal, J. P. & Gonzalez, D*. Global change and cryptic invasion increase methane emissions. Spring Meeting of the Atlantic Estuarine Research Society,8-10, March, Cape May, NJ.

2009 **Mozdzer, T.J.**, Hutto, C., Clarke, P.A., Field, D. Efficacy of imazapyr and glyphosate in the control of *Phragmites australis*. 24th Annual Environmental Sciences Research Symposium, 12 January, Charlottesville, VA. **Best Presentation Award.**

2008 **Mozdzer, T.J.**, Hutto, C., Clarke, P.A., Field, D. Efficacy of imazapyr and glyphosate in the control of *Phragmites australis*. 4th National Conference on Coastal and Estuarine Restoration. 11-15 October, Providence, RI.

2008 **Mozdzer, T.J.**, J.C. Zieman, & K.J. McGlathery. Latitudinal variation in the availability and utilization of dissolved organic nitrogen by the smooth cordgrass, *Spartina alterniflora,* in North American salt marshes. 23rd Annual Envirodays Research Symposium, 15 January, Charlottesville, VA. **Best Presentation Award.**

2007 **Mozdzer, T.J.**, J.C. Zieman, & K.J. McGlathery. Latitudinal variation in the availability and utilization of dissolved organic nitrogen by the smooth cordgrass, *Spartina alterniflora,* in North American salt marshes. 10th International Symposium on Wetland Biogeochemistry, 1-4 April, Annapolis, MD. **Best Presentation Award.**

2006 **Mozdzer, T.J.**, J.C. Zieman, & K.J. McGlathery. Latitudinal gradients in the utilization and availability of dissolved organic nitrogen by the smooth cordgrass, *Spartina alterniflora,* a cross LTER site study. 20-23 September, Estes Park, CO.

2005 **Mozdzer, T.J.**, J.C. Zieman, & K.J. McGlathery. Dissolved organic nitrogen, a neglected pool of nitrogen in tidal marsh systems. 18th International Conference of the Estuarine Research Federation. 16-20 October, Norfolk, VA. **2nd Best Presentation Award**.

2004 **Mozdzer, T.J.** and J. C. Zieman. Photosynthetic differences and the effects of salinity on nitrogen uptake in native and non-native *Phragmites australis* haplotypes. Spring Meeting of the Atlantic Estuarine Research Society, 25-27 March, Salisbury, MD. **Best Presentation Award**.

2003 **Mozdzer, T.J.** and J.C. Zieman. 2003. A comparative study of native and introduced *Phragmites australis* haplotypes in Virginia. LTER All Scientist Meeting, September 18-21, Seattle, Washington.

2002 Kramarz, P., Piskiewicz, A., **Mozdzer, T.J,** Niklinksa, M. Two-generation response of ground beetle (*Pterostichus oblongopunctatus*) from metal-polluted sites to cadmium and zinc intoxication. SETAC Europe 12th Annual Meeting, 12-16 May, Vienna, Austria.

2001 **Mozdzer, T.J.**, P. Kramarz, A. Piskiewicz, M. Niklinska. Accumulation of Cadmium and Zinc in the larval stage of the ground beetle*, Pterostichus oblongopunctatus* F. 6th

European Conference on Ecotoxicology and Environmental Safety, SECOTOX, 20-24 August, Krakow, Poland.

1997 Chambers R.M., **T.J. Mozdzer**, & J.C. Ambrose. 1997. Effects of salinity and sulfide on nitrogen uptake of *Phragmites* and *Spartina*. 14th International Conference, Estuarine Research Federation, Providence, RI.

INVITED RESEARCH SEMINARS

2017 Philadelphia Botanical Club, Philadelphia PA, 23, March

2016 Drexel University, Department of Biology, Philadelphia, PA, Feb 26.

2015 Bringing Wetlands to Markets, WBNEER, Boston, MA, May 13.

2014 Great Lakes *Phragmites* Collaborative, *Webinar,* November 12.

2013 Swarthmore College, Environmental Studies, Swarthmore, PA, May, 21.

2013 Villanova University, Department of Biology, Villanova, PA, April 4.

2012 Bryn Mawr College, Biology Department, Bryn Mawr, PA, November, 19.

2011 Montreal Botanical Garden, Montreal, Canada. October, 14.

2011 Rutgers University-Camden, Biology Department, Camden, NJ, March, 3.

2011 Sacred Heart University, Biology Department, Fairfield, CT. February, 15.

2010 Haverford College, Biology Department, Haverford, PA. November, 18.

2010 East Carolina University, Biology Department, Greenville, NC. October, 19.

2010 Monmouth University, Biology Department, Monmouth, NJ. May, 24.

2010 Patuxent Research Refuge, US. Fish & Wildlife Service, Laurel, MD. February, 25.

2009 Virginia *Phragmites* Manager's Workshop. VIMS, Gloucester, VA. April,.23.

2009 Smithsonian Environmental Research Center, Edgewater MD. February, 26.

2008 King's College, Department of Biology, Wilkes-Barre, PA. December, 2.

2008 Connecticut College, Botany Department, New London, CT. February, 6.

2007 Smithsonian Environmental Research Center, Edgewater MD. September, 27.

GRANTS, FELLOWSHIPS, & AWARDS (TOTAL FUNDING TO DATE: $3,144,262)

2016 **NSF LTREB- 1457100** (**$449,711**) 2016-2021. Renewal Twenty-three years of tidal marsh responses to environmental changes. Co-PI with Drs. J. Adam Langley, J. Patrick

2015 **NSF LTREB- 1457100** (**$90,000**) 2015-2016. Renewal Twenty-three years of tidal marsh responses to environmental changes. Co-PI with Drs. J. Adam Langley, J. Patrick Megonigal, & Bert Drake, Smithsonian Environmental Research Center.

2014 **NSF- OCE-1354124 – ($1,651,140 with $174,331 to PI Mozdzer) -** 2014-2017. Collaborative: "Ecosystem evolution and sustainability of nutrient enriched coastal saltmarshes." Bruce Peterson- Primary Investigator. Co Investigators: Linda Deegan[1], David Johnson[1], **Thomas J. Mozdzer**[2] (**PI on collaborative award**), Jennifer L. Bowen[3], Sergio Fagherazzi[4]. Marine Biological Laboratory[1], Bryn Mawr College[2], University of Massachusetts – Boston[3], Boston University[4].

2014 **NSF-EAR-1428975 - $199,914**. 2014-2016. Stable isotope analyses in a liberal arts college setting: teaching and research opportunities for undergraduates and faculty. Co-PI with Pedro Marenco.

2014 **HHMI – NEW DIRECTIONS - $12,000** - Effects of chronic nitrogen pollution on carbon cycling in salt marsh ecosystems. **Principle Investigator.**

2012 **Maryland Sea Grant & Smithsonian Institution** (**$240,120)** 2012-2015**.** *Phragmites australis* invasion in the Chesapeake Bay: Implications of nitrogen pollution, elevated CO_2, and genotypic variation for tidal marsh management. **Principle Investigator** with Drs. J. Patrick Megonigal and Melissa McCormick. Due to Smithsonian Policy, J.P. Megonigal is listed as PI. $160,080 from Maryland Sea Grant & $80,040 from Smithsonian Institution Match Fund.

2010 **NSF LTREB-0950080** (**$413,711**) 2010-2015. Twenty-three years of tidal marsh responses to environmental changes. Co-PI with Drs. J. Adam Langley, J. Patrick Megonigal, & Bert Drake, Smithsonian Environmental Research Center.

2010 **MARINE SCIENCE NETWORK** (**$30,000**): 2010-2012. *Phragmites australis* invasion at elevated atmospheric CO_2 and temperature. Principle investigator with Dr. J. Patrick Megonigal, Smithsonian Environmental Research Center.

2009 **MD SEA GRANT PROGRAM DEVELOPMENT AWARD** (**$14,500**) *Phragmites australis* invasion at elevated atmospheric CO_2: Implications for tidal marsh vulnerability to sea level rise. Principle investigator with Dr. J. Patrick Megonigal, Smithsonian Environmental Research Center.

2008 TRAVEL AWARD ($900) Woods Hole Sea Grant

2008 TRAVEL AWARD ($1000) Restore America's Estuaries

2008 RESEARCH GRANT ($666) SOCIETY of Wetland Scientists South Atlantic Chapter.

2007 FRED H. MOORE RESEARCH AWARD ($4,000) University of Virginia

2006 TRAVEL AWARD ($1,000) Society of Wetland Scientists

2006 TRAVEL AWARD ($1,000) South Atlantic Chapter, Society of Wetland Scientists

2005 EXPLORATORY RESEARCH AWARD ($1000) University of Virginia

2000 FULBRIGHT FELLOWSHIP ($24,000) Council for International Exchange of Scholars

1997 POLISH MINISTRY OF EDUCATION FELLOWSHIP. ($5,600) Full tuition & stipend to study at Jagiellonian University, Krakow, Poland as guest scholar of Polish government.

1997 PEPSICO SCHOLARSHIP ($4000) to study in Eastern Europe

PROPOSALS IN REVIEW ($1,118,332)

NSF-DEB-1652759: "CAREER; Ecosystem responses to global change are mediated by environmental filtering of foundation species." ($1,118,332) **PI- Thomas J. Mozdzer**

SELECTED UNFUNDED PROPOSALS

NSF- DEB– 1457688- ECOSYSTEM STUDIES ($763,493) – 2015-2018. "RUI:Collaborative: Consequences of root zone expansion for soil biogeochemical cycles." **Thomas J. Mozdzer[1] – Primary Investigator. ($663,339 to PI Mozdzer).** Co-Investigators: J. Adam Langley[2], & J. Patrick Megonigal[3]. Bryn Mawr College[1], Villanova University[2], Smithsonian Environmental Research Center[3]. Ranked Medium Priority Fund, but not selected for funding.

NSF- DEB– ECOSYSTEM STUDIES –1532523. "Preliminary Proposal: Effects of nitrogen enrichment and experimental warming on carbon sequestration in coastal salt marshes" Jim Tang[1], **Thomas J. Mozdzer,** L.A. Deegan[2]. [1]Marine Biological Laboratory & [2]Bryn Mawr College,

NSF-DEB-POPULATION & COMMUNITY ECOLOGY-1532788. " Preliminary Proposal:RUI:Collaborative: The relationship of epigenetic variation to plasticity and genotype in a comparative study of native and invasive *Phragmites australis*." 2015-2018. Vladimir Douhovnikoff[1] – Primary Investigator. Co-Investigators: Thomas J. Mozdzer[2*], Karin Kettenring[3], & Richard Dodd[4]. Bowdoin College[1], Bryn Mawr College[2], Utah State University[3], UC Berkeley[4].

RESEARCH EXPERIENCE & TRAINING

POSTDOCTORAL SCIENTIST, Smithsonian Environmental Research Center. 2009 – 2012
- Mentor: Dr. J. Patrick Megonigal

PHD STUDENT, Department of Environmental Sciences, University of Virginia. 2005 – 2009
- Advisors: Dr. Karen J. McGlathery & Dr. Joseph C. Zieman

MS STUDENT, Department of Environmental Sciences, University of Virginia. 2002 – 2005
- Advisor: Dr. Joseph C. Zieman

RESEARCH ASSISTANT I, Molecular Biology & Biophysics, Yale University. 2001 – 2002
- Supervisor: Dr. Ewa Folta-Stogniew

FULBRIGHT FELLOW, Institute of Environmental Studies, Jagiellonian University, Krakow, Poland. 2000 – 2001
- Mentor: Dr. Ryszard Laskowski & Dr. Paulina Kramarz

STUDENT INTERN, University of Georgia Marine Institute, Sapelo Island, GA. 1999
- Mentor: Dr. Ron T. Kneib, UGA Marine Institute

NSF REU, Grice Marine Lab, College of Charleston, Charleston, SC. 1999
- Mentor: Dr. Cheryl Woodley, NOAA

RESEARCH ASSISTANT, Fairfield University, Fairfield, CT. 1997 – 1999
- Mentor: Dr. Randolph M Chambers, Fairfield University

TEACHING EXPERIENCE

- ECOLOGY, BIOL 220, Bryn Mawr College, Fall 2016
- COASTAL & MARINE ECOLOGY, BIOL 323, Bryn Mawr College, Spring 2015
- BIOLOGICAL EXPLORATION II: BIOLOGICAL INVASIONS, BIOL113, Spring 2015
- GLOBAL CHANGE BIOLOGY, BIOL 332, Bryn Mawr College, Fall 2014
- ECOLOGY, BIOL 220, Bryn Mawr College, Fall 2014
- BIOLOGICAL EXPLORATION II: BIOLOGICAL INVASIONS, Spring 2014
- ECOLOGY, BIOL 220, Bryn Mawr College, Fall 2013
- INTRODUCTION TO ENVIRONMENTAL STUDIES, EVS 101, FALL 2013
- BIOLOGICAL EXPLORATION IV, BIOL113, Bryn Mawr College, Spring 2013
- GLOBAL CHANGE BIOLOGY, BIOL 332, Bryn Mawr College, Spring 2013
- ECOLOGY, BIOL 220, Bryn Mawr College, Fall 2012
- VISITING INSTRUCTOR, Front Royal Smithsonian National Zoological Park. 2010-2012
- VISITING INSTRUCTOR, Conserving Ecological Interactions, Sweet Briar College, 2011
- GUEST LECTURER, Fundamentals of Ecology, UVA. 2008
- GUEST LECTURER, Restoration Ecology, UVA. 2008.
- HEAD INSTRUCTOR, Department of Environmental Sciences, UVA. 2007
- GUEST LECTURER, Ecology of Coastal Wetlands, UVA. 2007
- GUEST LECTURER, Capstone-Eastern Shore of Virginia, UVA. 2005
- HEAD INSTRUCTOR, EVSC 320L, Department of Environmental Sciences, UVA. 2003-2004
- INSTRUCTOR, EVSC 320L, Department of Environmental Sciences, UVA. 2002-2003
- MCAT INSTRUCTOR, The Princeton Review, Westport, CT. 1998-1999
    - Taught classes at Yale University, New Haven, CT & Pace University, NY.

PROFESSIONAL DEVELOPMENT

CREATE WORKSHOP PARTICIPANT

- Selected as a participant to learn C.R.E.A.T.E. (Consider, Read, Elucidate the hypotheses, Analyze and interpret the data, and Think of the next Experiment) approaches to move beyond lecture-based format by using primary literature to integrate student understanding of content within the context of the research process. (www.teachcreate.org). June 2012.

FIRST IV, FACULTY INSTITUTES FOR REFORMING SCIENCE TEACHING

- National network and dissemination project to reform undergraduate science education through professional development of postdocs to design courses for a learner-centered classroom. Selected as a participant for 2011-2012 cohort. (www.msu.edu/~first4)

TOMORROW'S PROFESSOR TODAY PROGRAM, University of Virginia.

- Professional development program designed to facilitate the transition from student to academic professional focused on improving teaching, professional development, and adjustment to a university career. Program combines teaching critiques, professional workshops, and mentoring.

STUDENT MENTORING

Postdoctoral Students

- Dr. Joshua Caplan – Bryn Mawr College 2013 – 2015
- Dr. Blanca Bernal – SERC – Co-mentored 2013 – 2015

Graduate Students – Co-Advised

- Caitlin Bauer – Villanova University 2012 – 2015
- Justin Meschter – University of Maryland 2012 – 2015
- Jessica Reid – Villanova University 2012 – 2014

Undergraduate Students- Bryn Mawr College – 2012 - PRESENT

- Tasnim Aziz (2013) †*, Caitlin Bauer (2016), Maya Bhalla-Ladd (2019), Lyntana Brougham (2016), Eleanor Durfee (2014), Emily Geoghegan (2017), Rachel Hager (2015) †, Shanina Halpert (2013) †* , Elena Johnson (2016), Francine Leech *(2016), Emily Maroni (2015), Esha Ray (2014), Laura Silla (2014), Camila Silva* (2019), Jwahir Sundai * (2019), David Tian – (Swarthmore College - 2017), Paige Weber (2018), Christine Wheaton (2013). † Students now in graduate school, * underrepresented students in STEM.

Student Mentor – Smithsonian Environmental Research Center – 2009-2012

- Lillian Aoki*†, David Gonzalez*, Matthew Seal, & William Teasley. † Students now in graduate school, *underrepresented students in STEM.

Student Mentor – University of Virginia –2003-2009

- Rachel Baker, Ben Curtis, Anh Doan*, Tiffany Lee*, Maria Takahashi, John Snyder, Anne Stein, Sarah Wozniak. *underrepresented students in STEM.

SUPERVISED STUDENT THESES – BRYN MAWR COLLEGE

- **Caitlin Bauer -** Bryn Mawr College – Class of 2015 –"Effects of nitrogen enrichment on plant functional traits and phenology in smooth cordgrass, *Spartina alterniflora*"
- **Francine Leech -** Bryn Mawr College – Class of 2015 – "Nitrogen eutrophication alters tall *Spartina alterniflora* carbon dynamics in North American Atlantic salt marshes"
- **Rachel Hager -** Bryn Mawr College – Class of 2015 – "Effects of species shifts on greenhouse gas emissions"
- **Emily Maroni -** Bryn Mawr College – Class of 2014 – "Effects of elevated CO_2 and N on leaf level traits"
- **Laura Silla -** Bryn Mawr College – Class of 2014 – "Escape, invade, evolve? An EICA experiment for *Phragmites australis"*
- **Eleanor Durfee** – Haverford College – Class of 2014 – "The battle for the Chesapeake Bay: Communications confusion between stakeholders"
- **Taznim Aziz -** Bryn Mawr College – Class of 2013 - "Studying the effects of nutrient enrichment on biomass allocation of belowground productivity in salt marshes of Plum Island, a 5 year experiment"
- **Christine Wheaton -** Bryn Mawr College – Class of 2013 – "Plant construction costs of native and introduced lineages of *Phragmites australis"*
- **Shanina Halbert –** Haverford College – Class of 2013 – "Salt marsh killifish assemblages in Louisiana: patterns of abundances, species composition and size distribution

SERVICE – BRYN MAWR COLLEGE

- TED Talk– Parent's Weekend – Oct 21, 2016
- Co-Convener of the Junior Faculty – Fall 2016- present
- Biology Department Seminar Series organizer 2016-2017
- 2015-2016 Themed Programing committee
- K.I.M. Talk – Alumnae Weekend – May 30, 2015
- Mellon Tri-Co Faculty Forum Grant – Global Change Research Symposium 2015
- TLI-Panelist to New Faculty – October 2014
- Co-Convener of the Junior Faculty – Fall 2013- Spring 2015
- Tri-Co Environmental Studies Steering Committee of Nine – Fall 2013 to Spring 2015
- Environmental Studies Steering Committee Member – Fall 2012 to present
- Biology Department Seminar Series organizer 2014-15
- Fall 201 4 – Faculty panelist for new faculty orientation
- Fall 2013 - Bryn Mawr College Biology Search Committee, Computational Ecologist.
- Spring 2013 - Bryn Mawr College Biology Search Committee, Laboratory Lecturer
- Spring 2013 – Chair- Bryn Mawr College Search Committee, Bucher-Jackson Fellow in Environmental Studies and Biology
- Fall 2012 - Bryn Mawr College Biology Search Committee, Genomics search.
- Mellon Tri-Co Faculty Forum Grant – Global Change Research Symposium 2014
- Mellon Tri-Co Faculty Forum Grant – Plant Biology in the Tri-Co 2013
- Mellon Tri-Co Faculty Forum Grant (2 grants) – Junior Faculty Happy Hour – 2013-present

PROFESSIONAL MEMBERSHIPS

- Atlantic Estuarine Research Society
- Ecological Society of America
- Estuarine Research Federation
- Society for Ecological Restoration
- Society of Wetland Scientists

HONORARY MEMBERSHIPS

- Phi Beta Kappa
- Alpha Sigma Nu
- Pi Epsilon

PROFESSIONAL SERVICE

OUTGOING CHAIR - GLOBAL CHANGE ECOLOGY SECTION OF THE SOCIETY OF WETLAND - 2016
CHAIR– GLOBAL CHANGE ECOLOGY SECTION OF THE SOCIETY OF WETLAND SCIENTISTS - 2015

INTERNATIONAL SYMPOSIUM ORGANIZER

- ***Phragmites australis:* A model organism for understanding genetic- to ecosystem–level responses in a rapidly changing world**, Society of Wetland Scientists, June, 2015, Providence, RI.
- **Nutrient Pollution Jeopardize Tidal Wetland Viability? A controversy revisited**, Society of Wetland Scientists, May, 2014, Portland, OR.
- **Coastal and Estuarine Carbon Cycling**, Biennial Meeting of the Coastal & Estuarine Research Federation, November, 2013, San Diego, CA.
- **Human impacts on the health and survival of tidal ecosystems**, Biennial Meeting of the Coastal & Estuarine Research Federation, November, 2011, Daytona Beach, FL.
- ***Phragmites australis* – a European and North American Comparison**, Society of Wetland Scientists, July 2011.

LOCAL SYMPOSIUM ORGANIZER – TRI-COLLEGE AND LOCAL UNIVERSITIES

- ***3rd Annual Global Change Research Symposium***, 29 March,2016, Bryn Mawr, PA.
- ***2nd Annual Global Change Research Symposium***, 12 February, 2015, Bryn Mawr, PA.

VCR-LTER GRADUATE STUDENT SITE REPRESENTATIVE, 2007 - 2008

UNIVERSITY OF VIRGINIA GRADUATE STUDENT ASSOCIATION TREASURER, 2003 – 2004

PEER REVIEW

AoB PLANTS, Acta Oecologica, Aquatic Botany, American Journal of Botany, Biological Invasions, Ecological Engineering, Ecology, Ecopshere, Ecosystems, Estuaries & Coasts, Environmental Research, Environment International, Functional Ecology, Geophysical Research letters, Global Change Biology, Invasive Plant Science & Management, Journal of Ecology, Hydrobiologia, Oecogolia, PLOS One, Plant Ecology, Restoration Ecology, Western North American Naturalist, & Wetlands

AD-HOC EXTERNAL REVIEWER

- NSF-DEB-Ecosystem Science Cluster
- NSF-DEB-Population and Community Ecology Cluster
- DFG (Deutsche Forshungsemeinschaft) – German Research Funding Organization
- Ohio Water Resources Center
- New Jersey Sea Grant
- Woods Hole Sea Grant

MEDIA COVERAGE

My research and teaching has been covered by International, US National, and local media including TV, Radio, and print. Hyperlinks are provided below to all available resources.

2015

- 5 November – Web – Bryn Mawr College – "Biology Students Present Research at CERF Conference in Portland"
- 27 May – Bryn Mawr College Alumnae Bulletin –"The rain forest and the barrier reef"
- 9 April – Web - Bryn Mawr College –"Faculty and students travel to Belize to study tropical environments"

2014

- 28 October – News – The Michigan Times – "How goats could save our shores"
- 27 October – News – The Christian Science Monitor – "Goats take on a notorious invasive species"
- 24 October- News - The Guardian – "Are goats the answer to the reed choking US east coast marshes?"
- 22 October – Web - Environment 360 – Yale University "In East coast marshes, goats take on a noxious invader"
- 7 October – Web – eNews Park Forest – "Study Shows Goats as Viable Control Agent for Opportunistic Wetland Reeds"
- 1 October – Web – Bryn Mawr College – "Biology's Thomas Mozdzer asks, Are our front lawns killing the wetlands?"
- 30 September – Web – "Forget Pesticides—Send In the Goats to Save America's Marshes"
- 30 September – Newspaper – "Duke: Hey, Triangle, use goats to curb vegetation"
- 25 September – Web – ScienceDaily.com – "Goats better than chemicals for curbing invasive marsh grass"
- 25 September –Web- Phys.org – "Goats better than chemicals for curbing invasive marsh grass"
- 4 April –Web- Bryn Mawr College News – "In BMC Biology Lab, "Super weed" yields research – and award winning student presentations"
- 23 January –Web- Bryn Mawr College News – "What's old is new as tiny worm reshape biology lab"

2013

- 18 December – Web- AoB Blog – News and views on plant science and ecology.
- 29 August – Web - **Shorelines: Life and science at the Smithsonian Environmental Research Center –** " Franken Phrag: Tales of a Super Invader". Highlights's Bryn Mawr College Student.
- 17 June – Web- **Smithsonian Science** – "Climate change conundrum: invasive reed makes much more methane"- http://smithsonianscience.org/2013/06/invasive-reed/
- January – Magazine - **Smithsonian Magazine – "**How will wetlands respond to climate change?" Also available online.

2012

- 15 November – Newspaper - **Capital Gazette –** "Scientists: Carbon, nitrogen boost invasive plants" – Also available online
- 8 November - **Shorelines: Life and science at the Smithsonian Environmental Research Center –** "Climate change stimulates growth of super weed".
- 8 November – Bryn Mawr College website – "Bryn Mawr Biologist's research looks at the effects of climate change on invasive plants".
- 5 November – **Smithsonian Newsdesk** - ""Jack-and-Master" Plants Better Suited to Climate Change: *Higher CO2 Stimulates Growth of Invasive "Super Weed"*". Also available online.

2011

- 20 September – **Sweet Briar College Newsletter** - "Smithsonian postdoc leads field demonstration" Also available online
- 6 September - **Shorelines: Life and science at the Smithsonian Environmental Research Center –** "Marshes, Microbes and the Other Blue Carbon"

2010

- 4 November – **BBC News** – "The world's longest running carbon dioxide experiment". BBC News TV, BBC News Radio. Web publication as well.
- 5 August - **Shorelines: Life and science at the Smithsonian Environmental Research Center –** "Day at the Museum: Battle of the Smithsonian marsh".

2009

- 27 October - **Shorelines: Life and science at the Smithsonian Environmental Research Center –** "Intern Logs: Methanogenesis and nail polish"