

# TARA L. PISANI GAREAU

## Director, Environmental Studies Program

### Associate Professor of the Practice, Earth & Environmental Sciences Department

203A Devlin Hall  
140 Commonwealth Ave.  
Boston College  
Chestnut Hill, MA 02467

Telephone: (617) 552-0843

Fax: (617) 552-2462

Email: tara.pisanigareau@bc.edu

## EDUCATION

|       |                                                                                                                                                       |      |
|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| Ph.D. | University of California- Santa Cruz, CA. Environmental Studies                                                                                       | 2008 |
| M.A.  | University of California- Santa Cruz, CA. Environmental Studies<br>Specializations: Agroecology, Insect Ecology, and Political Economy of Agriculture | 2004 |
| B.S.  | Virginia Tech, Blacksburg, VA. Crop and Soil Environmental Science<br>Specialization: International Agriculture                                       | 1995 |
|       | School For Field Studies, Center for Sustainable Development Studies, Atenas, Costa Rica                                                              | 1994 |

## COURSES TAUGHT AT BOSTON COLLEGE

EESC1222 *Conservation Ecology (in Ecuador)* (Summer abroad course with OIP)

EESC1501 *Global Implications of Climate Change* (Core Natural Science/Core Renewal “Complex Problems”)

EESC2201 *Environmental Systems: The Human Footprint*

EESC2202 *Environmental Systems: Ecosystems*

EESC2203 *Environmental Systems: Water Resources*

EESC3310 *Agroecology*

ENVS1101 *Introduction to Environmental Studies Seminar*

ENVS3315 *Sustainable Agriculture* (Cultural Diversity Core)

ENVS4943 *Environmental Studies Senior Seminar*

## RESEARCH INTERESTS

Interdisciplinary research of agroecosystems; Impact of climate change on cranberry agroecosystems; Enhancing ecosystem services (conservation biological control and pollination) on farms; and Environmental science education that uses active learning.

## PROFESSIONAL EXPERIENCE

|                                                                                                                                                                                                                                                             |             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| <b>Associate Professor of the Practice</b> , Earth & Environmental Sciences Dept., Boston College                                                                                                                                                           | 2019        |
| <b>Director</b> , Environmental Studies Program, Boston College                                                                                                                                                                                             | 2019        |
| <b>Acting Director</b> , Environmental Studies Program, Boston College                                                                                                                                                                                      | 2018 – 2019 |
| <b>Associate Director</b> , Environmental Studies Program, Boston College                                                                                                                                                                                   | 2016 – 2018 |
| <b>Assistant Professor of the Practice</b> , Earth & Environmental Sciences Dept., Boston College                                                                                                                                                           | 2016 – 2019 |
| <b>Visiting Assistant Professor</b> , Earth & Environmental Sciences Dept., Boston College                                                                                                                                                                  | 2013 – 2016 |
| <b>Adjunct Instructor</b> , Biology and Earth & Environmental Sciences Depts., Boston College                                                                                                                                                               | 2010 – 2013 |
| <b>Post-doctoral Researcher of Entomology</b> , The Pennsylvania State University                                                                                                                                                                           | 2009 – 2010 |
| <b>Post-graduate Researcher</b> , Department of Environmental Studies, UC–Santa Cruz                                                                                                                                                                        | 2004 – 2008 |
| <b>Teaching Assistant</b> , Department of Environmental Studies, UC–Santa Cruz<br><i>Agroecology Lab, Agroecology Practicum, Ecological Field Methods, Insect Ecology, and Integrated Pest Management. Received an Outstanding Teaching Assistant Award</i> | 2001 – 2004 |
| <b>On-Farm Education Program Coordinator</b> , Rural Roots/University of Idaho, Moscow, ID                                                                                                                                                                  | 2000 – 2001 |
| <b>Sustainable Agriculture Program Assistant</b> , University of Idaho, Moscow, Idaho                                                                                                                                                                       | 2000 – 2001 |
| <b>Hillside Farming Extensionist</b> , Peace Corps, Reitoca, Honduras                                                                                                                                                                                       | 1997 – 1999 |

## GRANTS / FELLOWSHIPS

|                                                                                                                                                                                                                   |      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| <b>Boston College Research Incentive Grant (RIG)</b> , Investigating the role of Odonata (dragonflies and damselflies) in the biological control of insect pests of Massachusetts cranberry bogs. Award: \$10,000 | 2019 |
| <b>Marion and Jasper Whiting Teaching Fellowship for Higher Education of Present and Prospective Teachers. Developing a Field-based Summer Abroad Course in Conservation</b>                                      | 2018 |

*Ecology in Ecuador* Award: \$5,600

|                                                                                                                                                                                                                                                                            |             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| <b>Boston College Institute for the Liberal Arts</b> , Grant to support the guest speaker, former EPA Administrator Gina McCarthy. Award: \$2,500                                                                                                                          | 2018        |
| <b>Winston Center for Leadership and Ethics</b> , Grant to support the guest speaker, former EPA Administrator Gina McCarthy. Award: \$7,500                                                                                                                               | 2018        |
| <b>Boston College Institute for the Liberal Arts</b> , Grant to support the guest speaker, Governor Bill Ritter Jr. Award: \$2,500                                                                                                                                         | 2017        |
| <b>Winston Center for Leadership and Ethics</b> , Grant to support the guest speaker, Governor Bill Ritter Jr. Award: \$1,500                                                                                                                                              | 2017        |
| <b>Boston College University Council on Teaching (UCT)</b> , Teaching, Advising and Mentoring Grant. “Enriching the reflection component of our complex problems course, Global Implications of Climate Change,” Award: \$13,494                                           | 2016        |
| <b>Boston College Institute for the Liberal Arts</b> , “Organizing a Week-Long, Interdisciplinary Series of Events around Pope Francis’s much-anticipated Forthcoming Encyclical on the Environment.” Co-PDs: Brian Gareau, Noah Snyder, and James Keenan, Award: \$25,000 | 2015        |
| <b>Boston College Ignite Grant</b> . “Massachusetts Cranberries: Sustaining a Native Production System amidst a Changing Climate.” Co-PD: Brian Gareau, Award: \$30,000                                                                                                    | 2014 – 2015 |
| <b>Western SARE (Sustainable Agriculture Research &amp; Education)</b> . “Investigating the Effect of Hedgerows to Enhance Natural Biological Control.” Award: \$10,000                                                                                                    | 2006 – 2008 |
| <b>USDA National Research Initiative: Integrated Biology of Arthropods and Nematodes</b> . Perennial Habitat for Conservation Biological Control: An Investigation at Two Spatial Scales. PIs: Carol Shennan and Deborah Letourneau, Award: \$389,070                      | 2006 – 2008 |
| <b>USDA Integrated Organic Program</b> . Improving Fertility and Pest Management Strategies for Organic Crop Production and Strengthening Researcher/Grower Network. PDs: Steven Gliessman, Joji Muramoto, Carol Shennan, and Sean Swezey. Award: \$571,902                | 2004 – 2008 |
| <b>Earthbound Farm Graduate Student Fellowship</b> . Award: \$4,000                                                                                                                                                                                                        | 2004 – 2007 |
| <b>Center for Agroecology and Sustainable Food Systems Seed Grant</b> . Award: \$8,000                                                                                                                                                                                     | 2004        |
| <b>Department of Environmental Studies Graduate Student Grants</b> . UC-Santa Cruz. Award: \$5,000                                                                                                                                                                         | 2003 – 2007 |
| <b>USDA Higher Education Challenge Grant</b> . Community-based Experiential Education Program in Sustainable Agriculture. Co-PIs: Colette DePhelps and Cinda Williams, Award: \$250,000                                                                                    | 2001 – 2004 |

#### **PUBLICATIONS** (\* Work done with students)

- Pisani Gareau, T.**, Vortman, C., and Barbercheck, M. (2019). Carabid Beetles (Coleoptera: Carabidae) Differentially Respond to Soil Management Practices in Feed and Forage Systems in Transition to Organic Management. *Renewable Agriculture and Food Systems*. DOI: <https://doi.org/10.1017/S1742170519000255>
- Gareau B. J., Huang X.\*, Pisani Gareau T. (2018) Social and ecological conditions of cranberry production and climate change attitudes in New England, *PLoS One* 13 (12): e0207237, <https://doi.org/10.1371/journal.pone.0207237>
- Jabbour, R., **Pisani Gareau, T.**, Smith, R., Mullen, C., and Barbercheck, M. (2016) Cover Crop and Tillage Intensities Alter Ground-dwelling Arthropod Communities during the Transition to Organic Production. *Renewable Agriculture and Food Systems*, 31 (4): 361–374.
- Schipanski, M., Smith, R. G., **Pisani Gareau, T.**, Jabbour, R., Lewis, D., Barbercheck, M., Mortensen, D., Kaye, J. (2014) The Structure of Multivariate Relationships Influencing Crop Yields During the Transition to Organic Management. *Agriculture, Ecosystems, and Environment*. 189: 119–126.
- Pisani Gareau, T.**, Letourneau, D. K., and Shennan, C. (2013) Relative Densities of Natural Enemy and Pest Insects within California Hedgerows. *Environmental Entomology*. 42(4): 688–702.
- Muramoto, J., Gliessman, S. R., Shennan, C. **Pisani Gareau, T.**, Monsen, K.L., Pedersen, S., Bolda, M.P., Daugovish, O. Bull, C.T., Li, C., Leap, J., Nieto, D., Bryer, J., Koike, S.T., Smith, R.F., Gaskell, M., Klonsky, K. Salas, W. and Oomen, G.J.M. (2013) The Organic Research Network Project on the Central Coast of California. *Acta Hort.* (ISHS) 1001:35-45.
- Smith, R. G., **Pisani Gareau, T.**, Mortensen, D. A., and Barbercheck, M. (2011) Assessing and Visualizing

Agricultural Management Practices: A Multivariable Hands-On Approach for Education and Extension. *Weed Technology*. 25: 680–687.

- Pisani Gareau, T.** and Shennan, C. (2010) Can Hedgerows Attract Beneficial Insects and Improve Pest Control? A Study of Hedgerows on Central Coast Farms. The Center of Agroecology and Sustainable Food Systems. University of California, Santa Cruz. [Research Brief #13](#), Fall 2010 Issue.
- Pisani Gareau, T.**, Smith, R. G., Barbercheck, M. and Mortensen, D. A. (2010) Spider Plots: A Tool for Participatory Extension Learning. *Journal of Extension*. 48 (5) Available at [http://www.joe.org/joe/2010october/pdf/JOE\\_v48\\_5tt8.pdf](http://www.joe.org/joe/2010october/pdf/JOE_v48_5tt8.pdf) (verified 5 January 2017)
- Carvalho, C. \*, **Pisani Gareau, T.**, and Barbercheck, M. (2010) Ground and Tiger Beetles (Coleoptera: Carabidae).” *Penn State University Extension Factsheet*. <http://ento.psu.edu/extension/factsheets/ground-beetles> (verified 5 January 2017)
- Pisani Gareau, T.** (2010) Biological Control. In P. Robbins, D. Mulvaney and G. J. Golson (Eds). *Green Food: An A-to-Z Guide*. Sage Reference Online, Sage Publications, Thousand Oaks, CA.
- Pisani Gareau, T.** (2010) Integrated Pest Management. In P. Robbins, D. Mulvaney and G. J. Golson (Eds). *Green Food: An A-to-Z Guide*. Sage Reference Online, Sage Publications, Thousand Oaks, CA.
- Pisani Gareau, T.**, DeBarros, N., Barbercheck, M. and Mortensen, D. A. (2009) Conserving Wild Bees in Pennsylvania. *PSU Ag Communications and Marketing #UFO23*. Available at <http://pubs.cas.psu.edu/FreePubs/pdfs/uf023.pdf>. (verified 5 January 2017)
- Pisani Gareau, T.** (2009) Buffers. In L. Duram (ed.) *The Encyclopedia of Organic, Sustainable, and Local Food*. Greenwood Publishing Group. Westport, CT.
- Pisani Gareau, T.** (2009) Beneficial Insects. In L. Duram (ed.) *The Encyclopedia of Organic, Sustainable, and Local Food*. Greenwood Publishing Group. Westport, CT.
- Pisani Gareau, T.** (2009) Workshop Report: Weed School. *Sustainable Ag News*. v 6 (2)
- Pisani Gareau, T.** (2008) Farmscaping for Conservation: Factors that Influence Farmers Conservation Behavior & the Potential of Hedgerows for Enhancing Biological Control Services.” (Dissertation) University of California, Santa Cruz. ISBN 978-0-54-993130-0
- Shennan, C., **Pisani Gareau, T.**, and Serrine, J. R. (2004) Agroecological Interventions in the USA. In Pretty, J. (Ed.) *The Pesticide Detox: Solutions for Safe Agriculture*. Earthscan Publications.

#### **MANUSCRIPTS IN PROGRESS** (\* Work done with students)

- Pisani Gareau, T.**, Walker, S. \*, Andrews, M.K. \*, and Gross, R. \* Odonate Fauna of the Cranberry Bog Agroecosystem: Environmental Drivers of Abundance and Diversity and Potential for Biological Control. (In Preparation)
- Gareau, B.J., Huang X. \*, **Pisani Gareau T.**, and DiDonato, S., The Strength of Green Ties: Massachusetts Cranberry Grower Social Networks and Effects on Climate Change Attitudes. Submitted to *Climatic Change* December 2019/January 2020.
- Pisani Gareau, T.** and Gareau, B.J. Importance of Mentorship in Core Education Geared towards Educating the Whole Person. In M. Crane, D. Quigley, and A. Boynton (Eds) *Boston College’s Core Renewal*
- Moscovitz, A. \* and **Pisani Gareau, T.** (Accepted for Publication, 2016) An Overview of Urban Agriculture Youth Programs in Major Cities of the US and the Integration of STEM Curriculum and Activities. In A. Patchen, G.M. Barnett, L. Esthers, and N. Knobloch (Eds.) *Designing urban agriculture programs to improve STEM learning and teaching*. Springer.
- Pisani Gareau, T.** and Tooker, J. “Why is Successful Conservation Biological Control So Elusive?” (In Preparation)

#### **RESEARCH PRESENTATIONS**

- Pisani Gareau, T.** (2018). “Campus as a living laboratory for sustainability learning, research, and mentorship.” Presented at the Organized Oral Session #14: “The Value of Students Exploring Ecosystem Services on Urban Campuses.” 103<sup>rd</sup> Annual Meeting of The Ecological Society of America, New Orleans, LA. 8 August.
- Pisani Gareau, T.** and Gareau, B. J. (2017) “Sustainability of Massachusetts Cranberry Bogs in a Changing Climate.” (Invited talk) BC Greener Lib. Boston College. 13 December.
- Gareau, B.J. and **Pisani Gareau, T.** (2017) “Cranberries and Climate Change: Massachusetts Cranberry Growers and the Challenges of Adaptation.” (Invited talk) Yale Agrarian Studies Program. New Haven, CT
- Gareau, B. J. and **Pisani Gareau, T.** (2017) “Livelihood, Ecology, and Other Conditions of Cranberry Production in a Changing Climate.” Boston College Environmental Sociology Working Group.

- Gareau, B. J. and **Pisani Gareau, T.** (2016, December) “Cranberries and Climate Change. How Are Cranberry Growers Adapting for Socio-ecological Change?” (Invited talk) Weston Observatory Colloquium Series, Weston, MA. 14 December.
- Gareau, B.J. and **Pisani Gareau, T.** (2016, August) “Cranberries and Climate Change: How Are Massachusetts Cranberry Growers Adapting to Socio-ecological Change?” (Talk) Section on Environment and Technology Paper Session. Advances in Micro-Level Research, Annual Meeting of the American Sociological Association, Seattle, WA. 22 August.
- Pisani Gareau, T.** (2015) “The Impact of Climate Change on Massachusetts Cranberry Bogs.” (Invited talk) Weston Observatory Colloquium Series, Weston, MA. 6 May.
- Murrell, E. B., Mullen, C., **Pisani Gareau, T.**, and Barbercheck, M. (2015) “Crop Management Legacies in Organic Systems Affect Environmental Conditions, But Not Ground Beetle Communities.” (Poster) 100<sup>th</sup> Annual Meeting of the Ecological Society of America. Baltimore, MD
- Schipanski, M., Smith, R. G., **Pisani Gareau, T.** Jabbour, R., Lewis, D., Barbercheck, M., Mortensen, D., Kaye, J. (2013, August) “The Structure of Multivariate Relationships Influencing Crop Yields During the Transition to Organic Management.” (Poster) 98<sup>th</sup> Annual Meeting of the Ecological Society of America. Minneapolis, MN
- Pisani Gareau, T.** and J. Tooker. (2010) “Conservation biological control: In Search of the Holy Agroecological Grail?” (Talk) 95<sup>th</sup> Annual Meeting of the Ecological Society of America. Pittsburgh, PA.
- Smith R. G., **Pisani Gareau, T.**, Mortensen, D. A., and Barbercheck, M. E. (2010) “Assessing and Evaluating Multifunctionality in Agroecosystems: An Education and Extension Exercise.” (Talk) Annual Meeting of the Northeastern Weed Science Society, Cambridge, MA.
- Smith R. G., **Pisani Gareau, T.**, Mortensen, D. A., and Barbercheck, M. E. (2010) “Assessing and Evaluating Multifunctionality in Agroecosystems: An Education and Extension Exercise.” (Poster) Annual Meeting of the Weed Science Society of America, Denver, CO.
- Mortensen, D., DeBarros, N., Tooker, J. and **Pisani Gareau, T.** (2009) “Pollinators, Predators, and Plants: Building Landscapes to Attract Beneficial Insects.” PASA’s 18<sup>th</sup> Annual Farming for the Future Conference. University Park, PA.
- Pisani Gareau, T.** (2009) “Natural Enemy and Pest Species Associations with Hedgerows and Movement into Crop Fields.” (Talk) EcoFarm Conference. Asilomar, CA.
- Pisani Gareau, T.** (2008) “On the Edge with Hedges: Farmscaping for Conservation in the Central Coast of California– The Case of Hedgerows for Enhancing Conservation Biological Control.” (Talk) UCSC’s Department of Environmental Studies Seminar Series. 7 May.
- Letourneau, D. K., Shennan, C., Bothwell, S. G., and **Pisani Gareau, T.** (2008) “Vegetation Management for Biological Control in Annual Crops: Spatial Scale and Meta-communities.” (Talk) XIII International Congress of Entomology. Durban, South Africa
- Pisani Gareau, T.** (2008) “Investigating the Influence of Perennial Habitat on Arthropod Natural Enemies in the Central Coast of California.” (Talk) Annual Meeting of Functional Agricultural Biodiversity Working Group. Portland, OR.
- Pisani Gareau, T.** (2007) “Conservation-based Farming in the Central Coast of California.” (Talk) National Conference on Agriculture and the Environment. Asilomar, Pacific Grove, CA.
- Pisani Gareau, T.**, C. Shennan, and D. Letourneau. (2007) “Hedgerows: Enhancing Conservation Biological Control Potential in California Annual Vegetable Systems?” (Talk) 92<sup>nd</sup> Annual Meeting of the Ecological Society of America. San Jose, CA.
- Pisani Gareau, T.** and Bothwell, S. (2007) “Conservation Biological Control in the Central Coast of California: Investigating the Influence of On-farm Native Hedgerows and Landscape Diversity on Arthropod Natural Enemies.” (Poster) The STEPS’s Institute Central Coast Biodiversity Workshop. Santa Cruz, CA.
- Pisani Gareau, T.** (2007) “Insect Natural Enemies and Pests Associated with Hedgerow Plants Established in California Vegetable Systems.” (Poster) 91st Annual Meeting Pacific Branch Entomology Society of America. Portland, OR.
- Pisani Gareau, T.** (2005) “Farmscaping with Hedgerows in the Central Coast of California: Examining the Potential for Biological Control.” (Poster) 90<sup>th</sup> Ecological Society of America Annual Meeting. Montreal, Canada.

## **INVITED TALKS, LECTURES, & WORKSHOPS**

- Pisani Gareau, T.** (2019) Panel Moderator for “Environmental In(Justice) in the Americas: A Conversation from Puerto Rico and the Americas.” International Education Week, Boston College, 13 November 2019.
- Pisani Gareau, T.** (2019) Introduced former President of Ireland and UN High Commissioner of Human Rights, Mary Robinson for Lowell Humanities Lecture Series. 11 September 2019.
- Pisani Gareau, T, w/ B. Gareau.** (2019) “A Peace Corps Love Story” Agape Latte. Boston College
- Pisani Gareau, T.** with Dixon, B. and Stelmazsk, J. (2018) “Sustainability and Diversity” (Panel discussant). Lunch and Learn Series. Office of Institutional Diversity. 29 November 2018.
- Gareau, B. and **Pisani Gareau, T.** (2018) “Core Curriculum Immersion: Our Experience.” Boston College Board of Regents Annual Meeting. Irish Room, Boston College. November
- Pisani Gareau, T.** (2017) “Sustainability of Massachusetts Cranberry Bogs.” BC Greener Lib group. December
- Pisani Gareau, T.** (2017) “Amazing World of Arthropods.” Presentation to 3<sup>rd</sup> grade class in Willard Elementary, Concord, MA 6 June 2017.
- Pisani Gareau, T.** with Gareau, B. (2016) “Bridging the University Mission and the Classroom.” Intersections Forefront Social. Sponsored by Intersections. Boston College. 29 November 2016.
- Pisani Gareau, T.** (2016) “Teaching the Core.” (Panel discussant). Excellence in Teaching Day. Boston College. May
- Pisani Gareau, T.** with Gareau, B. (2016) “BC’s Core Renewal– Teaching a Complex Problems Course.” Coffee with a Professor. University Advancement, Boston College. April
- Pisani Gareau, T.** with Gareau, B. (2016) “BC’s Core Renewal– What is a Complex Problems Course?” Admitted Eagle Day. Boston College. January
- Pisani Gareau, T.** (2015) “Ten Reasons Why You Should Care about Agriculture.” Sustainability Living Learning Community Seminar, Boston College. November
- Pisani Gareau, T.** (2012) “Ecohydrology of Agriculture.” Guest lecture for Ecohydrology class. Department of Earth and Environmental Sciences, Boston College. December
- Pisani Gareau, T.** (2009) “Hedgerows: Diversifying Farms with Native Perennials to Conserve Insect Natural Enemies.” Penn State’s Department of Entomology Seminar Series. September
- Pisani Gareau, T.** (2009, April) “On the Edge with Hedges: Farmscaping for Conservation in the Central Coast of California - The Case of Hedgerows for Enhancing Conservation Biological Control.” Penn State’s Department of Entomology Seminar Series.
- Pisani Gareau, T.,** Smith, R. and Barbercheck, M. (2009) “The Ground [Beetles] Beneath Your Feet.” Agroecology Day at the Russell E. Larson Agricultural Station. Rocksprings, PA.
- Pisani Gareau, T.,** Smith, R., Barbercheck, M., Mortensen, D., DeBarros, N.\*, Curren, W., Ryan, M., Nord, E. and Sandy, D. (2009) “Weed Suppression and Biodiversity through Cover Crops and Field Edge Plants.” Russell E. Larson Agricultural Station. Rocksprings, PA.
- Pisani Gareau, T.** (2009) “Hedgerows: Diversifying Farms with Native Perennials to Conserve Insect Natural Enemies.” Organic Research Network Final Workshop Series. Watsonville, CA.
- Pisani Gareau, T.** (2009) “Conservation Tillage.” IPM Workshop Series. Agriculture Land-Based Training Association. Salinas, CA.
- Pisani Gareau, T.** and Bothwell, S. (2008) “Managing for Insect Natural Enemies.” IPM Workshop Series. Agriculture Land-Based Training Association. Salinas, CA.
- Pisani Gareau, T.** (2007) “Applications of Insect Ecology.” Guest Lecture for ENVS131 Insect Ecology. University of California, Santa Cruz, CA.

## **SERVICE**

- Director, The Environmental Studies Program (2019-ongoing)
- Acting Director, The Environmental Studies Program (2018-2019)
- Organizer of Environmental Studies lecture series, “Answering the Call: The Science, Policy, and Ethics of the Global Climate Crisis.” (2019-2020)
- Interviewer and Evaluator for Gabelli Presidential Scholars Program, Boston College. (2019, 2020)
- Editor of Special Issue “Agriculture Production and Global Climate Change: Social, Cultural, and Agroecological Aspects of the Agriculture/Climate Interface.” *Sustainability* (2018, 2019)
- [https://www.mdpi.com/journal/sustainability/special\\_issues/agricultural\\_production\\_climate\\_change](https://www.mdpi.com/journal/sustainability/special_issues/agricultural_production_climate_change)
- Organizer of a three-part event featuring keynote speaker Gina McCarthy, EPA Administrator 2013-2017 (2018)
- [http://events.bc.edu/event/gina\\_mccarthy\\_former\\_environmental\\_protection\\_agency\\_administrator#.XDjPm89Kg6g](http://events.bc.edu/event/gina_mccarthy_former_environmental_protection_agency_administrator#.XDjPm89Kg6g)

Moderator “Hot Topics in Energy and Environment” A joint BCEEAN and Earth and Environmental Sciences Panel Discussion. Cadigan Alumni Center. 20 September. (2018)

Advisor to Real Food, Boston College (2018–on-going)

Invited Mentor to Presidential Scholar (2018–2022)

Invited Mentor to Doris Duke Conservation Scholar (2019-2020)

Invited Peer Reviewer of textbook, *Earth Law*. The Froebe Group (2020)

Invited Peer Reviewer of textbook *Agroecology: The Ecology of Sustainable Food Systems, Third Edition* by Stephen Gliessman, CRC Press. (2018)

Field trip organizer. Hosted 25 agrarian scholars from Japan, organized tours of three farms in Concord. (4 June 2018)

Organizer “Environmental and Sustainability Higher Education in the Boston Area.” A meeting of directors and chairs of environmental studies programs at colleges and universities in the Boston area. Boston College. Chestnut Hill, MA. (2 Nov 2017)

Organizer of a three-part event featuring keynote speaker Bill Ritter Jr. Colorado Governor, 2007-2011 [http://events.bc.edu/event/governor\\_bill\\_ritter\\_jr#.XDjPg89Kg6g](http://events.bc.edu/event/governor_bill_ritter_jr#.XDjPg89Kg6g) (2017)

Organizer of Charles River Clean Up. Environmental Studies students collected trash from the banks of the Charles for the Charles River Clean Up Day and then followed the activity with a kayak trip down the Charles. (29 April 2016)

Invited Panelist in New Faculty Lunch. Organized and hosted by the Morrissey College of Arts and Sciences Dean’s Office. (2016, 2017, 2018)

Participant in STEAM Day at Willard Elementary. Volunteered to facilitate STEAM activities for kindergarten and 4<sup>th</sup> grade classes. The activities were designed by the Lesley STEAM Learning Lab (2017)

Invited Peer Reviewer, text book proposal, *Introduction to Environmental Science* by Vanessa Fox, Oxford University Press, (3 February 2017)

Invited Peer Reviewer, Human Ecology Review. (2017)

Participant in Core Renewal Retreat. Participated in facilitated conversations about liberal arts education among faculty who taught Core Renewal Pilot courses. Wentworth by the Sea, New Hampshire. (24–28 May 2017)

Participant with Schoder, T.\* in the Massachusetts [Power Dialog](#). Boston University, (4 April 2016)

Conference Organizer with Brown, K., DiLeo, D., Gareau, B., Keenan, J., Snyder, N., et al. “[Our Common Home: An Ethical Summons to Tackle Climate Change](#).” (2015)

Field trip organizer. Field Trip #7 “Urban Agriculture in Action: Greening Blighted Land and Revitalizing Communities.” 95<sup>th</sup> Annual Meeting of the Ecological Society of America. Pittsburgh, PA. [Review of field trip by ESA participant, Chris Jensen](#). (2010)

Field trip co-organizer with Monsen, K. Field Trip #15 “Cultivating Agroecological Research: Dinner and Discussion at the Center for Agroecology and Sustainable Food Systems.” 92<sup>nd</sup> Annual Meeting of the Ecological Society of America, San Jose, CA. (2007)

Field trip co-organizer with Monsen, K. and Bothwell, S. Field trip # 21 “Lettuce, Landscape and Labor: A One-Day Exploration of the Agriculture and Environment Interface on California’s Central Coast.” 92<sup>nd</sup> Annual Meeting of the Ecological Society of America, San Jose, CA. (2007)

## **COMMITTEES**

|                                                                                         |                  |
|-----------------------------------------------------------------------------------------|------------------|
| African and African Diaspora Studies, Steering Committee                                | 2019– present    |
| AASHE STARS Committee, Office of Institutional Research, Planning, and Assessment       | 2018– present    |
| Athletics Advisory Board, Elected Faculty Representative, Boston College                | 2017– present    |
| Our Common Home Working Group                                                           | 2015– present    |
| Green Careers Night Planning Committee                                                  | 2014– present    |
| Search Committee for Visiting Assistant Professor of Environmental Studies, Core Fellow | 2017, 2018, 2019 |
| Chair of Search Committee for Visiting Assistant Professor of Environmental Studies     | 2017, 2018       |
| Masters in Food Studies Task Force, Woods College, Boston College                       | 2017             |
| Boston College Global Catholic Working Group                                            | 2016– 2017       |
| Search Committee for Director of Learning Resources for Student Athletes                | 2017             |

## **MEDIA COVERAGE**

**Pisani Gareau, T.** (2018). Kitchen Confidential: BC Dining’s FRESH Initiative. *You Tube*. BC Dining. <https://www.youtube.com/watch?v=jgllu83gh-0>

**Pisani Gareau, T.** and Snyder, N. (2017) [Art in Focus Podcast: “Nature’s Image”](#) McMullen Student Ambassadors. Boston College

Interviewed for [Shaping the Core: Eighteen Faculty Have Paired Up for a Fresh Approach to the Common Curriculum](#). (2015) *Boston College Magazine*. Spring Issue.

Interviewed for [Setting a Course: A Tale of Two Core Offerings](#). (2015) *Cornerstone: Boston College Annual Report*.

Interviewed for [Boston College Joins Dialogue on Climate Change in Hosting Four Day Conference](#) *The Gavel: The Progressive Student Voice of Boston College*, 27 September 2015.

Interviewed for [Launch Keys: New Support for Early-Stage Research](#). (2014) *Boston College Magazine*. Fall Issue

## **PROFESSIONAL AND RESEARCH COLLABORATIONS**

- Menus of Change University Research Collaborative** 2017 – present  
 A working group of scholars, food service business leaders, and executive chefs from invited colleges and universities who are accelerating efforts to move Americans toward healthier, more sustainable, plant-forward diets. (Boston College’s faculty representative)
- Essentials: An Interdisciplinary Faculty Seminar for Professors of the Practice** 2017 – present  
 A multi-disciplinary group of professors of the practice that meet monthly to discuss the joys, challenges, and opportunities of teaching at Boston College. We consider the big questions that face undergraduate students today and we might guide or inform campus-wide solutions
- Boston College Sustainability Office-Environmental Seminar Collaboration** 2013-present  
 I worked with former Sustainability Director, Robert Pion, and currently work with Bruce Dixon to arrange undergraduate research experiences with campus mentors. The research is presented in the Environmental Studies Research Poster Symposium in May and published on our website <https://sites.google.com/bc.edu/envsundergradresearch/home>
- Minimum Tillage Rotations for Organic Feed and Forage Systems** 2009 – present  
 A group of Penn State researchers from the College of Agriculture studying the effect of different forage crop rotations with different intensities of tillage on weed populations, soil quality, beneficial and pest insect populations and economic returns.
- Habitat Improvement for Predators and Parasitoids (HIPP), UC-Santa Cruz** 2006 – 2011  
 A group of UC researchers investigating the effect of perennial vegetation at the landscape and field scale on biological control in vegetable systems.
- Functional Agricultural Biodiversity (FAB) Working Group** 2007 – 2009  
 A consortium of over 30 researchers and practioners working collectively to advance the knowledge and practice of habitat management for improved agroecological services in the Western region of the US.
- Organic Research Network, Central Coast, CA** 2006 – 2009  
 A network of university researchers, extension educators, and non-profit organization educators working collaboratively to improve fertility and pest management strategies for organic crop production. The group met regularly, shared research findings and disseminated research results to grower groups in short courses, workshops and conferences (Eco Farm).
- The Shennan Agroecology Lab, UC-Santa Cruz** 2002 – 2008  
 A team of agroecology researchers working on the sustainability of agricultural systems, watershed scale environmental health and management, integrated and biological pest management, soil and nitrogen management and international agricultural development.
- Agro-Food Studies Research Group, UC-Santa Cruz** 2002 – 2008  
 A multi-disciplinary collective of graduate students and faculty dedicated to research on issues of broad concern in the field of Agro-Food Studies.

## **PROFESSIONAL DEVELOPMENT**

- National Council for Science and the Environment (NCSE) Annual Meeting, Wash DC** 2014 – 2017, 2020
- Council for Environmental Deans and Directors (CEDD) Winter Program Conference** 2014 – 2017, 2020
- Indigenous Helpers.** A discussion group for faculty who are involved in working with the personal/formational issues of their students. 2017 – 2018

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| <b>Difference, Justice, and the Common Good.</b> BC Core workshop series to build cultural diversity components into my class, ENVS3315 <i>Sustainable Agriculture</i> .<br>Wash DC                                                                                          | 2017 |
| <b>Active Learning in College Courses.</b> Workshop 95 <sup>th</sup> Annual Meeting of the Ecological Society of America. Pittsburgh, PA.                                                                                                                                    | 2010 |
| <b>Ordination techniques with PC-ORD.</b> Workshop. Presenter; Jeri Lynn Peck,<br>The Pennsylvania State University. 28–30 September.                                                                                                                                        | 2009 |
| <b>Planning and Managing Systems Based Trans-disciplinary Projects</b> for USDA/NIFA Programs.<br>Presenters: Chuck Mohler, Laurie Drinkwater, Jill Auburn, John Teasdale, Tom Bewick,<br>Marcel Bergeman, and Thomas Bjorkman. Cornell University, Ithaca, NY. 10 Dec 2009. | 2009 |
| <b>Participatory Evaluation.</b> (Webinar) Presenter: Mary Arnold. Oregon State University. 15 July                                                                                                                                                                          | 2009 |
| <b>The Craft of Scientific Writing.</b> Workshop on Research Writing. Presenter: Michael Alley.<br>The Pennsylvania State University. 10 April.                                                                                                                              | 2009 |
| <b>Organizational Communication: Planning for Success.</b> Presenter: Bennett Hoffman.<br>The Pennsylvania State University. 17 February.                                                                                                                                    | 2009 |
| <b>Enhancing Communication to Strengthen Teamwork.</b> Presenter: Brynn Rousselin.<br>The Pennsylvania State University. 12 February.                                                                                                                                        | 2009 |