

Jules L. Bruck, Ph.D.

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Professor, Landscape Architecture
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EDUCATION

- Ph.D. Agricultural Education. Texas A&M University. 1997.
- M.Agr. Horticulture. Penn State University. 1993.
- B.S. Landscape Contracting. Penn State University. 1991.

ACADEMIC POSITIONS

Professor, Landscape Architecture, Plant and Soil Sciences Department, University of Delaware, September 2018 to present.

Director, Landscape Architecture, Plant and Soil Sciences Department, University of Delaware, September 2016 to present.

Associate Professor, Landscape Architecture, Plant and Soil Sciences Department, University of Delaware, September 2016 to September 2018.

Associate Professor, Landscape Horticulture and Design, Plant and Soil Sciences Department, University of Delaware, September 2012 to September 2016.

Assistant Professor, Landscape Horticulture and Design, Plant and Soil Sciences Department, University of Delaware, September 2006 to September 2012.

PROFESSIONAL POSITIONS & CERTIFICATIONS

Owner, Evolution Landscape Design, LLC. Wilmington, Delaware, June 2002 to present.

SITES Accredited Professional, United States Green Building Council, 2017 to present

Landscape Architect, Professional Registration, State of Delaware, 2015 to present

Landscape Architect, Professional Registration, State of Pennsylvania, 2014 to present

AREAS OF SPECIALIAZATION

- Green infrastructure and designing nature-based solutions including landscapes that deliver ecosystem services, mitigate water quality and quantity issues, and help Delaware communities lessen impacts of intensifying storms and sea-level rise. (Director of Coastal Resilience Design Studio)
- Community placemaking and catalyzing community-driven, active transportation pop-up demonstrations that test the viability of built-environment improvements in Delaware. (Living Lab Research Group).
- Undergraduate teaching for courses and studios in creativity, design process, field sketching, planting design and senior capstones projects.

SCHOLARSHIP

Scholarly publications (10 total)

1. Barton, S., Bruck, J., Cox, J. (2020). Field Sketching and Nature Photography. In the Delaware naturalist handbook. University of Delaware Press, Newark, DE.
2. Bruck, J. L. (2019). Creating a culture of innovation. In Leadership matters: Designing your leadership success. Thousand Oaks, CA: Sage Publications.

3. Duke, J. M., Bruck, J. L., Barton, S. S., Murray, M., Inamdar, S. P., & Tallamy, D. W. (2016). Preferences for ecosystem services on exurban landscapes: A case study from the Mid-Atlantic, USA. *Heliyon*, 2(7). <http://www.heliyon.com/article/e00127/>
4. Bachman, M., Inamdar, S. P., Barton, S. S., Duke, J. M., Tallamy, D. W., & Bruck, J. L. (2016). A comparative assessment of runoff nitrogen from turf, forest, meadow, and mixed land use watersheds. *Journal of American Water Resources Association*, 52(2), 397–408.
5. Bruck, J., & Middlebrooks, A. (2014). Educating for sustainability with design-based learning. *International Journal of Pedagogies and Learning*. 9(3).

Creative Products (3 total)

1. Coastal Observer Water and Weather Observations. Citizen-science app. Developed from *Building Resilience Awareness: Documenting Coastal Hazards and Sea-level Rise Impacts Statewide grant (below)*. <https://www.coastalobserver.net/>

Conference Presentations¹ (23 total)

1. Bruck, J. & Wik, A. (2020, April 17) PA-DE ASLA Conference on Landscape Architecture, *Big Storms and Rising Waters: The Delaware Resilience Awareness Project's collaborative approach to climate change and sea level rise*, Poconos, PA.
2. Lewandowski, E. & Bruck, J.* (2020, Feb 4). Social Coast Forum: Social Science for Coastal Decision-Making. *Collaborative partnership building*. Charleston, SC.
3. Lewandowski, E. & Bruck, J.* (2020, Jan 29). Delaware Wetlands Conference. *An Award-Winning Constructed Wetland as a Critical Design Feature of Waterfront Redevelopment in Laurel, DE*. Wilmington, DE.
4. Bruck, J. (2019, Nov 6). Water Resources Association of the Delaware River Basin, Annual Fall Technical Conference. *Resilience Panel*. Rutgers University, New Brunswick, NJ.
5. Bruck, J. & Wik, A. (2019, March 6) *Coastal Resilience Design Studio: Force Multiplier in Statewide Engagement*. Council for Educators in Landscape Architecture. Sacramento, CA.
6. Wik, A. & Bruck, J. (2019, March 6) *Community engagement informing programmatic priorities and assessment of learning objectives*. Council for Educators in Landscape Architecture. Poster Presentation, Sacramento, CA.
7. Bruck, J., & Wik, A. (2017). *Design process beyond concept: Empowerment through implementation*. Proceedings 2017 Annual Conference of the Council of Educators in Landscape Architecture (CELA). Beijing, China. (Accepted abstract, paper not submitted).

¹All authors present unless indicated by a * after the presenter's name; additional 16 conference presentations not listed

Invited Creative Exhibitions - Engaging Students in Learning and Professional Development (14 total)

1. ***After the Ashes*** (2020). Educational Exhibit at Philadelphia Flower Show, Pennsylvania Horticultural Society. (with Hanson, S. McCray, J., Gartley, K., and Kaszan, J).
2. ***Urban Apotheka*** (2019). Educational Exhibit at Philadelphia Flower Show, Pennsylvania Horticultural Society. (with Hanson, S. McCray, J., Gartley, K., and Kaszan, J).
3. ***Let there be Soft Rain***. (2018). Educational Exhibit at Philadelphia Flower Show, Pennsylvania Horticulture Society. (with Hanson, S. & McCray, J.). In collaboration with Delaware Nature Society.
4. ***Let there be Soft Rain***. (2018). Educational Pop-Up Exhibit at Perkins Student Center, University of Delaware, Newark, DE. (with Hanson, S. & McCray, J.). In collaboration with V. Jackson.

5. ***A Green City in Bloom***. Educational Exhibition at Philadelphia Flower Show, Pennsylvania Horticultural Society, Philadelphia, PA. (with Hanson, S., & Wik, A. in collaboration with Delaware Nature Society and Delaware Botanic Gardens.)

GRANTS (40 total)

1. Bruck, J., David, N. & Scott, M. (July 2020 – July 2021) *Living Laboratory*. State of Delaware, Department of Transportation. \$98,467.94.
2. Horney, J., Bruck, J., Narvaez, M, Newman, G., Rayl, M., Wik, A. (June 2020 – May 2022) Resilience through Regeneration in Northeast Wilmington. National Fish and Wildlife Foundation.
3. Puleo, J., Bruck, J., Shi, F. (Feb 2020 – Feb 2022). *Addressing Obstacles that Preclude Installation of Living Shorelines in Areas Influenced by Ship Wake*. Delaware Sea Grant College Program. \$240,000.
4. Bruck, J. (July 2019 – July 2020) *Living Laboratory*. State of Delaware, Department of Transportation. \$65,002.
5. Bruck, J. (Sept 2018 – Sept 2022). *Coastal Resilience Design Studio*. Delaware Sea Grant. \$200,000.
6. Bruck, J., Wik, A., Callahan, T., Cox, J., Lewandowski, E., Morrissey, C., Shelnutt, G., Volk, J., (Sept. 2018 – May 2020). *Building Resilience Awareness: Documenting Coastal Hazards and Sea-level Rise Impacts Statewide*. University of Delaware's Center for Food Systems and Sustainability (CENFOODS). \$39,960.

PRESENTATIONS AND OUTREACH

Landscape design presentations at state, national and international conferences

Invited to speak and teach on numerous landscape design, planting design, and sustainable design subjects at conferences, workshops and meetings including over 90 presentations and countless workshops and short-courses (Longwood Gardens, Mt. Cuba Center, The Barnes Foundations, Garden Design School (UK-based), Association of Professional Landscape Designers, American Society of Landscape Architects PA/DE, Delaware Nursery and Landscape Association, Master Gardeners). Abstracts not listed.

AWARDS AND HONORS (24 total)

Faculty Affiliate, UD Center for Historic Architecture and Design, 2019

Faculty Fellow of the Delaware Environmental Institute, 2019

Urban Award, Town of Laurel and Laurel Redevelopment Corporation for Tidewater Park. *Governor's Conservation Awards*, Sussex County, 2019

Faculty Fellow of the UD Maker Gym, 2018

Excellence in Advising, Agricultural College Council, University of Delaware, 2017.

Excellence in Downtown Revitalization, Delaware Economic Development Office and Downtown Delaware, 2016.

Excellence in Teaching, Agricultural College Council, University of Delaware, 2015.

Land Ethics Award, Bowman's Hill Wildflower Preserve, 2015.