

JOHN (JACK) G. LEONARD, JR., PLA, ASLA, LEED AP BD+C

Program Director & Assistant Professor, Sustainable Urban Communities Program
 School of Architecture and Planning, Morgan State University
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SUMMARY Possess a broad base of interdisciplinary experience and skills in teaching, landscape architecture, engineering, and business development & management including:

- *University Teaching & Program Development*
- *Landscape Architecture Design*
- *Quality Matters / Online Teaching*
- *Business Management & Marketing*
- *Public Policy Development*
- *Civic Leadership & Engagement*

LICENSES & ACCREDITATIONS

- **Landscape Architect – State of Maryland** (*License # 200025*)
- **LEED Accredited Professional (Building Design & Construction)**
- **Quality Matters Certifications**
 - *Master Course Reviewer (March 2023)*
 - *Peer Reviewer*
 - *On-Line Facilitator*
 - *On-Line Course Design & Delivery*
- **Plant Broker – State of Maryland** (*License # PBL 817*)
- **University of Maryland Extension Master Gardener**
- **Certified Beekeeper – State of Maryland**

EDUCATION

- **MLA - Morgan State University** (*Landscape Architecture*), 1996
- **MBA - Loyola College** (*Marketing*), 1980
- **BE - Stevens Institute of Technology** (*Civil Engineering*), 1976

UNIVERSITY TEACHING EXPERIENCE

2016 - present

Morgan State University, Baltimore, MD

Program Director & Assistant Professor, Sustainable Urban Communities Program
 (Landscape Architecture, School of Architecture and Planning).

Curriculum Development

- Sustainable Urban Communities Graduate Certificate Program

Courses Developed & Taught

- CSUC501 – Sustainable Urban Communities (online – asynchronous)
- CSUC502 - Capstone Project (online – asynchronous)
- CSUC503 – The Urban Village: Sustainable Neighborhoods (online – asynchronous)
- CSUC504 – Sustainable Urban Site Design (online – asynchronous)
- CSUC505 – The Natural & Built Environment (online – asynchronous)
- CSUC507 – Social Justice as a Framework for Sustainable Urban Community (online – asynchronous)
- CSUC509 – Healthy Urban Communities (online – asynchronous)
- CSUC516 – Urban Stormwater Management (online – asynchronous)
- CSUC521 – Sustainable Construction - Practice & Management (online – asynchronous)
- CSUC525 – Urban Ecology (online – asynchronous)
- CSUC 526 – Urban Soils (online – asynchronous)
- CSUC602 – Green Roofs / Green Walls (online – asynchronous)
- LAAR522/ARCH321 – Technology I: Grading & Drainage (face to face & remote)
- LAAR 532 – Technology II: Materials & Methods (face to face & remote)
- LAAR540 – Studio IV: Urban Design (remote)
- LAAR550 – Studio V: Urban Design (face to face & remote)

Master's Thesis/Project Committee Chair

- Cunningham, Caitlin, "Pipe Dreams: Wastewater Treatment for Biodiversity Protection".
- Quick, Samuel, "Claiming the Urban Street Corridor: Evolving Street Typologies, Autonomous Vehicles, Green Infrastructure, and the Future of Urban Streets".
- Farrow, Eric, "Interaction, Intersection and Space; A Transit Oriented Development Design".
- Farrow, Eric, "Interaction, Intersection and Space; A Transit Oriented Development Design".
- Glass, Ian, "Using green infrastructure to address socio-spatial justice in underprivileged neighborhoods".

University Service Activities

- SA+P Leadership Team
- Canvas Ambassador
- Quality Matters (QM) online teaching, course development, and course review resource (SA+P and University wide).
- Graduate Council (Curriculum Committee)
- MSU Academic Technology and Online Teaching Committees
- MSU Environmental Working Group

2013 - 2016

Morgan State University, Baltimore, MD

Lecturer (Landscape Architecture, School of Architecture and Planning).

Courses Taught (face to face format)

- ARCH207 – Site Design (1 course).
- CREP552 – Site Planning for Planners (1 course).
- LAAR513 – Environmental Resources (1 course).
- LAAR520 – Landscape Architecture Studio II (1 course).
- LAAR522 – Grading & Drainage (3 courses).
- LAAR530 – Studio III: Nature in the City (1 course).
- LAAR532 – Technology II: Materials & Methods (2 courses).
- LAAR540 – Studio IV: Urban Design (1 course).
- LAAR541 – Technology III: Advanced Site Construction (1 course).
- LAAR550 – Studio V: Urban Design (1 course).
- ENST738 – Green Roofs and Living Walls (1 course).
- ENST738 – Sustainable Urban Communities (1 course-online).
- ENST738 – Environmental Site Design for Urban Landscapes (1 course).
- Master's Thesis Advising

Master's Thesis/Project Committee Chair

- Stella, Laura, "Designing Wild Urban Spaces: Middle Branch Waterfront".
- Lehman, Jackson, "Triple Bottom Line Planning for Community-Based Engineered Sub-Watersheds".
- Perry, Finola, "The Gateway: Functionality, Legibility, Accessibility".
- Ehrlanger, Shmuel, "Preparing for Meaningful Conversation: Designing transitional space using *kivun* as its guiding structure".
- Rojeck, Andrew, "Educational landscapes: Creating a model for educational landscapes at the Patuxent Environmental and Aquatic Research Laboratory".

2007 - 2013

Morgan State University, Baltimore, MD

Adjunct Lecturer (Landscape Architecture, School of Architecture and Planning – Graduate).

Courses Taught

- LAAR522 – Grading & Drainage (6 courses).
- LAAR532 – Technology II: Materials & Methods (2 courses).
- LAAR541 – Technology III: Advanced Site Construction (7 courses).
- ENST738 – Environmental Site Design for Urban Landscapes (1 course).
- Master's Thesis Advising

- 2004 - 2015 **University of Maryland, College Park**, College Park, MD
Adjunct Assistant Professor & Lecturer (Undergraduate/BLA Landscape Architecture Program).
Courses Taught
- LARC320 – Principles of Site Engineering (11 courses).
- 2009 - 2015 **University of Maryland, College Park**, College Park, MD
Adjunct Assistant Professor & Lecturer (Graduate/MLA Landscape Architecture Program).
Courses Taught
- LARC720 – Environmental Analysis & Site Engineering (6 courses).
 - Master's Thesis Advising
- 2008 **University of Maryland, College Park**, College Park, MD
Adjunct Lecturer (Graduate/MArch – School of Architecture).
Courses Taught
- ARCH460 – Site Analysis & Design (1 course).

NON-UNIVERSITY COURSES, LECTURES & WORKSHOPS

- 2010 - Present **University of Maryland Extension**, Ellicott City, MD
- "Landscape Design for Water Management" - University of Maryland Extension Master Gardener State Wide Advanced Training Course (3 day) funded by grants from the Maryland Sea Grant College (2010 – Baltimore County; 2011 – Howard County; 2012 – Anne Arundel County; 2013 – Montgomery, Queen Anne's & St. Mary's Counties).
 - "Rain Gardens – Not the Answer to Every Storm Water Problem" – University of Maryland Extension, Baltimore City Master Gardener training program.
 - "Rain Gardens – Design & Construction" – 3 level series for University of Maryland Extension, BCMG.
 - "Design Basics – Principles of Design" – University of Maryland Extension, BCMG short course.
 - "Water Management in Your Landscape" – University of Maryland Extension, Baltimore City Master Gardener training program.
- 2011 - Present **Gunpowder Valley Conservancy**
- Lectures and workshops on the design and implementation of ESD micro practices for the implementation of the Middle River & Tidal Gunpowder and the Bird River Small Watershed Action Plans (SWAP) (funded by grants from the Chesapeake Bay Trust, the National Fish & Wildlife Foundation, Baltimore County, Maryland Department of Natural Resources, and Baltimore Gas & Electric).

PUBLICATIONS, GRANTS & PRESENTATIONS

- Leonard, Jack, "Challenging Current Interdisciplinary Education Approaches in Landscape Architecture", presented at the CELA Conference 2021, remote presentation, March 8, 2021.
- Leonard, Jack, "Green Infrastructure's Role in the Creation of Livable Urban Communities", presented at the School of Environmental and Biological Sciences, Rutgers University, Common Lectures Series, New Brunswick, NJ, October 17, 2019.
- Leonard, Jack, "Green Infrastructure's Role in the Creation of Livable Urban Communities", presented at the National Watershed and Stormwater Conference, Charleston, SC, April 30, 2019.
- Gunpowder Valley Conservancy, Clear Creeks Project (Jack Leonard – Principal Investigator) - collaboration to engage the School of Architecture and Planning (SA+P) Landscape Architecture (MLA) faculty and students in the implementation of the Clear Creeks Project's required Best Management Practices (BMP's). Period of performance from May 23, 2016 to December 31, 2021.

- Leonard, Jack, “The Importance of Bees, Honey and Pollinators”, panelist, Origins Speakers Series, Baltimore, MD, October 22, 2015.
- Leonard, Jack, “Green Infrastructure’s Role in the Creation of Livable Urban Communities”, presented at the Livable Communities Conference, Washington, DC, August 7, 2015.
- Baltimore Growing Green Competition – “A-MAZE-N Recovery Fruit Garden”, partner with Jane’s House (September 2014, \$43,590 award from Baltimore City/Chesapeake Bay Trust)
- Leonard, Jack, “Dichotomy in Education: Practitioner vs. Theorist”, presented at the CELA Conference, Baltimore, MD, March 28, 2014.
- Leonard, Jack and Kristen Humphrey, “Integrating ESD with Community Revitalization in the Urban Landscape”, presented at the Engineering Green Conference 2011, Baltimore, Maryland, March 1, 2011.
- Leonard, Jack, “Ask the Expert”, Urbanite Magazine (Spring Edition 2010).
- Marion, Jane, project featured in the article “The Caretakers”, *Baltimore Magazine* (September Edition 2005): 217-221.
- Medland, Mary, project featured in the article “Small Wonders – Here are four visions of how to turn a rowhouse backyard into a favorite outdoor room”, *Baltimore Magazine* (Spring Edition 2005): 127-135.

PROFESSIONAL LANDSCAPE ARCHITECTURE, ENGINEERING AND BUSINESS EXPERIENCE

- 1994 - Present **JGL Design Associates**, Monkton, MD ([JGL Design Associates: Landscape Architects and Planners](#))
- Principal – Landscape Architecture firm performing site analysis, site engineering, master planning, community planning, urban design, landscape design, and project management for residential, commercial, institutional, and community projects.
- 2013 - Present **Gunpowder Valley Conservancy (GVC)**, Towson, MD
- Landscape Architect – Design of rain gardens and micro bioretention practices and conducting educational workshops for the Clear Creeks Project. Mentoring Morgan State University MLA graduate students who gain hands-on experience creating rain gardens through a partnership between MSU and GVC. The Gunpowder Valley Conservancy is a Baltimore County-based land trust and watershed restoration non-profit organization with the mission to educate and mobilize people and resources to preserve and restore the lands and waterways of the Gunpowder Watershed.
- 2013 - Present **NeighborSpace of Baltimore County**, Towson, Maryland
- Member, Board of Directors. NeighborSpace of Baltimore County is a nonprofit organization that works with local partners to promote more livable communities inside the County’s growth line (URDL) by acquiring land for a variety of open space uses. Member of the Stewardship Committee. Designer of acquired community open and green spaces in underserved communities.
- 1985 - 2004 **Parkville Federal Savings Bank**, Baltimore, Maryland
- Member, Board of Directors (committee assignments - Compensation Committee and Audit Committee) for a local bank with several branch offices serving local communities in the Baltimore area.
- 1996 - 1998 **Friedman Associates**, Baltimore, MD
- Landscape Architect - Perform site analysis and prepare master plans, construction details and planting plans for residential and commercial projects. Select materials and coordinate contractor activities during planning and construction. Perform project management and administrative tasks for all phases of projects. Responsible for interfaces with and submissions to regulatory agencies and officials, including waivers and variances.

1977 - 1993

AAI Corporation, Hunt Valley, MD

- Division and Project Management - Managed significant projects (\$10M - \$100M), major subcontractors and large teams of design and business professionals. Created corporate strategic planning process and prepared business plans for existing operations and new business ventures.
- Engineer - Designed new products and managed the fabrication of prototype hardware and systems testing.

1976 - 1977

Grove Manufacturing, Shady Grove, Pennsylvania

- Engineer - Product development, design, structural analysis and testing of mobile hydraulic cranes.

SERVICE, VOLUNTEER and COMMUNITY PROJECTS and ACTIVITIES

- **Chesapeake Bay Trust** – Technical Reviewer of grant proposals for the Anne Arundel County Watershed Restoration Grant Program 2020.
- **White House Pollinator Initiative** – Member of the ASLA working group providing principles and recommendations to the White House Council on Environmental Quality to improve pollinator health and populations and have a positive impact on the federal government's action plan to reverse the decline of honeybees, native bees, and other pollinators.
- **Bird River Small Watershed Action Plan (SWAP)** – Member of the Steering and Implementation Committee for the development of a SWAP for the Bird River in responses to Federal, State and County Laws and Regulations requiring plans to address TMDL's (Total Maximum Daily Load of pollutants) and the WIP (Watershed Implementation Plan) for the Chesapeake Bay.
- **Neighborhood Design Center (Baltimore)** – Landscape Architect for several urban and suburban community master planning and design projects including:
 - Woodberry Community Master Plan (including Loyola University Sports Complex).
 - Eastern Avenue Revitalization Master Plan.
 - Edgemere Main Street Master Plan.
 - Duncan Street Master Plan.
 - McGill Park Master Plan.
- **University of Maryland Extension Master Gardeners** (provided over 200 volunteer hours per year):
 - Design of Demonstration Gardens for the Baltimore County Center for Maryland Architecture.
 - Design and installation of Therapeutic Garden for the Gallagher Center of Catholic Charities.
 - Researched pollinators and pollinator habitat; designed and installed a Pollinator Demonstration Garden at the Baltimore County Center for Maryland Architecture.
 - Gunpowder Valley Conservancy Jennifer Branch Restoration Project.
 - Baywise Landscaping training and property certifications.
 - Information booths at the Maryland State Fair and various Home & Garden Shows.
 - Numerous lectures and training sessions on sustainable practices and landscape design.
- **Sandtown Habitat for Humanity** - member of team that has constructed 11 homes as part of the revitalization of the Sandtown community in Baltimore during the past 6 years and will begin construction of an additional home in 2015.
- **Sharp Leadenhall Community SHARPkids Program** – volunteer for an after-school support and mentoring program for elementary school age minority youth sponsored by Grace City Church.

- **ServeFest** – Project Manager for park and trail maintenance community service projects with team of over 50 volunteers; coordinated and supervised volunteers for the installation of a Therapeutic Garden at the Gallagher Center of Catholic Charities (2010 – 2013).
- **Hunt Valley Church Helping Hands Garden** – Master Gardener for vegetable garden producing fresh food for ACTC (a Towson, MD food bank).
- **Grace Fellowship Church Creation Care** – Team member; Leader of an Environmental Awareness Kayak Tour (Chesapeake Bay/Dundee Creek).
- **USSF and NFHS Certified Soccer Referee** – officiating soccer matches from youth recreation to high school to premier leagues and state tournaments to men's leagues throughout Maryland (1999 – present).
- **Office of Planning and Zoning of Baltimore County, Maryland** - member of policy committees that established and reviewed development and planning guidelines and legislative initiatives.
- **Community Association Officer; Chairman of Zoning and Development Review Committee** - developed responses and alternatives to the Baltimore County Master Plan and Comprehensive Zoning; negotiated with developers and County officials to achieve quality designs compatible with surrounding communities and the natural environment.
- **Baltimore County Chamber of Commerce** - Legislative Committee; reviewed legislation and prepared action plans.

ASSOCIATIONS, AWARDS AND HONORS

- **American Society of Landscape Architects** – *Member*
- **University of Maryland Extension Master Gardeners** – *Member*
- **Sigma Lambda Alpha** - *Landscape Architecture Honor Society*
- **Chi Upsilon Epsilon** - *Civil Engineering Honor Society*
- **Chesapeake Stormwater Network** - *The Best Urban BMP in the Bay Award (BUBBAs), Best Education & Outreach Project 2021 (Project Designer)*
- **Landscape Contractors Association (LCA) Excellence in Landscape, Outdoor Living Area** – 2012 Honorable Mention Award
- **Landscape Contractors Association (LCA) Excellence in Landscape, Outdoor Living Area** – 2013 Honorable Mention Award
- **PLANET Professional Landscape Network** – 2013 Recognition Award