

Leila Tolderlund

ASSISTANT PROFESSOR (CTT) + ASSOCIATE CHAIR MLA
LANDSCAPE ARCHITECTURE, LEED AP, GRP AP

Leila thrives when interacting with people engaged in design projects. She currently practices landscape architecture and urban design, and works as Assistant Professor and Associate Chair in the Landscape Architecture Department at University of Colorado, Denver, USA. Leila has a focus on renewable and nature-based design created to enhance public health and safety, related to urban living systems design, planning and theory.

She enjoys critical innovate design thinking for inside-outside transitions. She currently teaches Trans-Disciplinary Nature-Based/ Green/Blue/Living Infrastructure Landscape Architecture, Architecture, and Urban Design studios and seminars, Urban Design Study Abroad primarily to Scandinavia and Design Process classes. She has been with UCD since 2006 and is an often-used speaker at national and international green infrastructure conferences.



Personal Data

Name Leila Tolderlund
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Work Experience

2016- Associate Chair, Department of Landscape Architecture, College of Architecture and Planning, University of Colorado, USA 2015-
Assistant Professor (Clinical Teaching Track), University of Colorado, USA
2000- Principal and Owner of Danika, LLC, Green Infrastructure Consultancy Services, Denver, USA 2012-
15 Research Associate, University of Colorado Denver, USA
2005-14 Sr. Instructor/Lecturer, Department of Landscape Architecture, College of Arch and Planning, University of Colorado, USA 2003-07
Landscape Architect and Urban Planner, Design Workshop, Inc., Denver, USA

Qualifications and Education

2018 Colorado Living Architecture Regional Center of Excellence Steering Committee 2017-
19 Center for Faculty Development Fellowship, University of Colorado Denver
2007 GRP (Green Roof Accredited Professional - www.greenroofs.org/index.php/membership/findagreenroofpro)
2004 LEED (Leadership in Energy and Environmental Design), NC 2.0 Accredited
2003 Master of Landscape Architecture, University of Colorado Denver, USA
1992 Civil Engineering (bachelor eq), Danish Technical University, Copenhagen, Denmark

Select Professional Project Experience

2018 Oslo City Hall Vision for a Green Roof for European Green Capital 2019, Oslo, Norway
2016 Green Roof Prairie on Arts and Music Building, Colorado State University, Pueblo, Colorado, USA
2015 Green Wall at Denver International Airport (DIA), Root Down Restaurant, Denver, Colorado, USA
2014 Denver Art Museum (DAM), Colorado: SPUN Pop-up Dye Garden, Denver, Colorado, USA
2013 'Green Roofs Analyses for Stormwater Management, Urban Heat Island and Energy Efficiency ('Grønne tage og taghaver
kombineret med klimatilpasning i form af LAR og energibesparende tiltag Analyse', City of Frederiksberg, Denmark Carlsberg
2012 Byen, UCC University and future transit station, Copenhagen, Denmark
2012 Green Roof as Habitat and Camouflage for Animals, Denver ZOO, Denver, Colorado, USA
2010 910 Arts Green Infrastructure and Renewable Technologies, Denver, CO, USA
2010 Playground in the Sky + Urban Garden Green Roof, Gathering Place, Denver, Colorado, USA
2010 One Riverfront Green Roof Parking Plaza, Downtown Denver, Colorado, USA

Recent Courses Taught

College of Architecture and Planning:

LDAR/INT	Immersive Semester (LDAR 6706/6707/6745)
LDAR/INT	Advanced Vertical Landscape Architecture Studios (5+7/6+8) Landscape
LDAR 5500	Architecture Studio I + 2
LDAR/6686	Green Roofs and Living Walls - Design, Implementation and
LDAR 6712	Maintenance Living Systems
URBN 6641	Design Process/Design Thinking (ARCH 3702)
URBN 6612	International Urban Design Studio - Copenhagen Denmark
URPL 6632	Site Planning (Cross-listed with ARCH 6632 / / LDAR 6632)

College of Engineering and Applied Science:

ELEC 4319	*Integrated Systems I (ELEC 4309: 2)
MECH 4035	*Cross-Disciplinary Interventions in Living Systems Design 1, 2, and 3

*(Undergraduate)

Invited Speaker Presentations



2019	International Federation of Landscape Architects, Oslo, Norway
2019	European Urban Green Infrastructure Conference, London, UK
2018	European Green Infrastructure Conference, Budapest, Hungary
2017	GreenUrbs European Green Infrastructure Conference, Orvieto, Italy
2016	World Green Infrastructure Conference, Bogota, Colombia
2016	Council Of Educators in Landscape Architecture, Salt Lake City, UT, USA
2015	European Urban Green Infrastructure Conference, Vienna, Austria
2015	World Green Infrastructure Conference, Nagoya, Japan
2013	World Green Infrastructure Conference, Nantes, France
2013	City of Frederiksberg, Denmark
2012	World Green Roof Congress, Copenhagen, Denmark
2012	Carlsberg Properties, Carlsberg Byen, Denmark
2011	ProGreen. Denver, Colorado, USA
2010	Urban Drainage and Flood Control District, Denver, Colorado, USA

Selected Exhibitions

2017	CU in the CITY: Collection of Public Outreach Project, College of Architecture and Planning, Denver, Colorado, USA
2016	Breathing Walls - Advanced Cross-Disciplinary Living System Studio Projects, Vienna, Austria
2012	Denver Public Library Green Roofs, Denver, Colorado, USA
2008	Living Systems + Living City Block, Community Outreach, Denver, Colorado, USA
2007	'(Im)Possible Landscapes- Explorations of Landscape Process through Digital Media', Denver, Colorado, USA
2007	'EXIT' - An Architectural, Landscape Architectural and Cultural Documentation of EXIT, University of Novisad, Serbia

Selected Awards

2019	Excellence in Teaching Award, University of Colorado Denver
2018	Faculty Fellowship Award, University of Colorado Denver
2017	Faculty Development Award, University of Colorado Denver
2016	World Green Infrastructure Global Research and Innovation recognition / Advisor
2016	Cross-Disciplinary Senior Design Award recognition, College of Engineering and Science (CEAS) / Advisor
2015	Excellence in Teaching Award nomination, College of Architecture and Planning
2014	Senior Design Award recognition, College of Engineering and Science / Advisor
2010	Excellence in Teaching Award, University of Colorado Denver
2008	Faculty Development Award, University of Colorado Denver
2006	AIA (American Institute for Architecture) Fisher's Award \$ 2,000 Traveling Scholarship
2005	National Honor Award, American Society of Landscape Architecture (ASLA), Design and Planning

Grant and Funding Proposals Written

2019	Re-CAP Living Systems (Awarded \$ 10,000 - pending)
2018	EVOLVE Seed Grant (Awarded \$ 10,000)
2017	Live-roof Modular ~400 sf Green Roof (Awarded in-kind value: \$ 10,000)
2017	Center for Faculty Development, Teaching Enhancement Grant (Awarded \$ 2,700)
2017	Center for Faculty Development - Fellowship (Awarded \$ 5,500)
2015	Inworks Cross-Disciplinary Initiatives (Awarded \$ 8,000)
2015	Willett Foundation - Collaboration with CEAS (Awarded: \$ 20,000)
2014	National Science Foundation (NSF) (\$ 300,000 - awarded \$ 0)
2014	Willett Foundation - Collaboration with CEAS (Awarded: \$ 40,000)

Peer Reviewed Article

Tolderlund, L. (2016). BREATHING WALLS – Ecological Patterns of Performance. *BIOTOPE CITY International Journal*.

Peer Reviewed Manual for Mission Compliance

Tolderlund, L. (2010). *Design Guidelines and Maintenance Manual for Green Roofs in the Semi-Arid and Arid West*. Created as a consulting service for Environmental Protection Agency Region 8 (Miljøministeriet) and in collaboration with City and County of Denver, Urban Drainage and Flood Control District, Colorado State University, Denver Botanic Gardens + select panel of peer professionals.
<http://www2.epa.gov/sites/production/files/documents/GreenRoofsSemiAridAridWest.pdf>

Peer Reviewed Abstracts Published in Conference Proceedings and Presented at Conferences

Tolderlund, L. (2019). Augmenting Landscape Democracy through Nature Based Solutions and Immersive Practice. International Federation of Landscape Architects (IFLA). Abstract published in conference proceedings (pending).

Tolderlund, L. (2019). Moving Beyond Sustainability: Seeking Authentic Rhetoric, Design, and Practice in an Ever-Changing and Complex World, The Right to the Right-of-Way - Residential Front Yard Gardening. Abstract in panel session: Environmental Design and Research Association. Abstract published in conference proceedings.

Langhorst, J, Tolderlund, L. (2019) The deep read: towards a cross-cultural immersive understanding of place. Council of Educators in Landscape Architecture. Langhorst, J, and Tolderlund, L. Abstract published in conference proceedings.

Tolderlund, L et al. (2018). The Search for Authentic Equity in Housing / Honey I am Home. EDRA49 Social Equity By Design Conference Proceedings. Environmental Design Research Association.

Tolderlund, L et al (2018). Denver Takes The Leap. Green Roofs Now. Green Schools Conference & Expo and Rocky Mountain Green 2018 Conference Proceedings. United States Green Building Council.

Tolderlund, L. (2017). Integrated Approach for Innovative Urban Green Infrastructure Design Thinking. GreenInUrbs Conference Proceedings. Orvieto, Italy.

Tolderlund, L. (2016). Cross-Disciplinary Approach to Holistic Green Infrastructure Design.

Tolderlund, L. (2016). Innovative Living Systems - growing green infrastructure in the Semi-Arid and Arid West. CELA Conference Proceedings. Council of Educators in Landscape Architecture and Landscape Architecture Journal, Salt Lake City, UT.

Yost, B, Tolderlund, L, Hunt, J. (2016). Assessing Learning Outcomes Using Cyclical, Scaffolded Student Reflections in Landscape Architecture Courses. CELA Conference Proceedings. Council of Educators in Landscape Architecture and Landscape Architecture Journal, Salt Lake City, UT.

Tolderlund, L. (2013) Creating a New Teaching Guide About Green Roofs in Semi-Arid and Arid Climates. CELA Conference Proceedings. Council of Educators in Landscape Architecture and Landscape Architecture Journal, Salt Lake City, UT.
https://www.thecela.org/pdfs/CELA_2013_Proceedings.pdf

Tolderlund, L., Viitanen, W. Flynt, A. (2013). Living Folds. Tolderlund,

L., Brunnette, J., Aldena, C. (2013). Illusive Skin.

Tolderlund, L. and Rocamore, J.. (2013). Digestive Skin. World Green Infrastructure Conference Proceedings, Nantes, France.

Yost, B., Tolderlund, L., Rogers, C., Hunt, J., Westort, C., Campbell, C., Muecke, & M., Heavner, B., (2013). Confronting the Digital Divide. CELA Conference Proceedings. Council of Educators in Landscape Architecture and Landscape Architecture Journal, Salt Lake City, UT. https://www.thecela.org/pdfs/CELA_2013_Proceedings.pdf

Yost, B., Hunt, J., Tolderlund, L. (2013). Earthworks: Yesterday, Today, and Tomorrow. National Biennial Foundations in Art: Theory and Education (FATE) "PostHaus" Conference Proceedings. Savannah College of Art and Design, Savannah, GA.
https://fate.memberclicks.net/assets/docs/fate_sessions_list%20sheet1.pdf

Non-Peer Reviewed Publications, Radio, Film, Video Presentations and/or productions

Ken McConnelloguet: Denver's rooftops are going green: What does it mean? CU On The Air. 21 Feb. 2018.
<http://cuontheair.blubrry.net/2018/04/02/denvers-rooftops-are-going-greenwhat-does-it-mean/> (Accessed 02/15/2019)

Peck, S. Four New Regional Centers of Living Architecture Excellence Announced At CitiesAlive to Advance Industry. 01 Dec. 2018. Pg 24-25. *Living Architecture Monitor (LAM)*. <https://livingarchitecturemonitor.com/> (Accessed 02/15/2019)

Proctor, C. 09 Mar. 2018. Cover story: What is a green roof exactly? Here's a guide. *Denver Business Journal*.
<https://www.bizjournals.com/denver/news/2018/03/09/cover-story-what-is-a-green-roof-exactly-heres-a.html> (Accessed 02/15/2019)

Film: RootDOWN Green Wall at Denver International Airport. Documentary. 25 Mar. 2017. Tolderlund, L. Producer and Narrator. Featured (1/1/2017 - 1/1/2018) online at <http://virtual.greenroofs.com/> (Accessed 02/15/2018)

Tolderlund, L. Frederiksen E., Frederiksen, B., Jørsboe, F., and Alecia. (2013). 'Green Roofs Analyses for Stormwater Management, Urban Heat Island and Energy Efficiency for City of Frederiksberg'

Tolderlund, L.(2011). Advanced Maintenance for Green Roofs (training manual for GRP exam) Tolderlund,

L. (2000). Scandinavian Design. Featured in *Colorado Homes and Lifestyle* magazine