

# CURRICULUM VITAE

University of Idaho

**NAME:** Gary Dean Austin **DATE:** September 1, 2017

**RANK OR TITLE:** Associate Professor

**DEPARTMENT:** Art and Architecture (Landscape Architecture Program)

**OFFICE LOCATION AND CAMPUS ZIP:** Art and Architecture Room 211, 83844-2481

**OFFICE PHONE:** 208-885-0727, **FAX:** 208-885-9428, **EMAIL:** gaustinn@uidaho.edu

**WEB:** <http://www.webpages.uidaho.edu/~gaustin/>

**DATE OF FIRST EMPLOYMENT AT UI:** 1991, **DATE OF TENURE:** 1997

**DATE OF PRESENT RANK OR TITLE:** 2013

## EDUCATION BEYOND HIGH SCHOOL:

**Degrees:** M.L.A., 1981, California State Polytechnic University, Pomona  
B.A., History, 1977, California State University, Fullerton  
1973, Academia Hispana Americana, San Miguelde Allende, Mexico  
1972, World Campus Afloat, Chapman College (Africa and Asia)

### Certificates and Licenses:

Professional Landscape Architect, Professional Registration – Washington, #471, California #2339

## EXPERIENCE:

### Teaching Appointments:

Associate Professor, University of Idaho, 1997  
Assistant Professor, University of Idaho, 1991  
Lecturer - Cal Poly, Pomona, 1984  
Lecturer – University of California, Los Angeles, 1984  
Lecturer, University of Washington, 1985

### Academic Administrative Appointments:

University of Idaho Arboretum Executive Committee  
Landscape Architecture Undergraduate Studies Committee Chair

### Non-Academic Employment including Armed Forces: (List title, brief description, date)

U. S. Army Corps of Engineers, Los Angeles. Landscape architecture and recreation planning, 1980-82  
Purkiss-Rose Associates, Landscape Architect, 1982-1984  
Environments, Principal, Landscape Architecture and Planning, 1989-1991

## TEACHING ACCOMPLISHMENTS: (Academic and Extension teaching)

### Areas of Specialization:

Constructed wetlands, stormwater management, green infrastructure, rural community planning and design, landscape architecture history, construction detailing.

### **Courses Taught:**

Professor Austin has taught a broad range of courses during his career including, Sophomore, Junior, Senior and graduate studios including topics of mixed-use, high-density development, rural community revitalization, reindustrialization of sites for biofuel industries and study abroad studios in Italy. Manual and computer graphics techniques. Technical courses in grading and drainage, layout and construction detailing, water conservation technologies, stormwater management and irrigation design. Courses on the theory and history of landscape architecture, introduction to landscape architecture, introduction to the built environment and principles of site design. Courses on GIS and scenario based planning. Courses on plant identification, planting design and landscape ecology. His teaching responsibilities for the last few years are listed below.

Fall 2017, Principles of Site Design, Larc 251 3 credits. <http://www.uiweb.uidaho.edu/class/larc251/>

Fall 2017, Undergraduate Studio, Larc 453/Larc 455, 6 credits.

<http://www.uiweb.uidaho.edu/class/larc453/>

Fall 2017 Graduate Studio 3, Larc 558, 6 credits. Advisor for five MLA students.

Fall 2017, Introduction to Landscape Architecture, Larc 151 (with Raffaella Sini).

<http://www.uiweb.uidaho.edu/class/larc151/>

Summer 2017, Larc 364, Larc 390, Italy Summer Abroad. 10% contribution.

Spring 2016, Water Conservation Technologies, 3 credits. Stormwater management, constructed wetlands, biological wastewater treatment, green roofs, water harvesting, irrigation design.

<http://www.uiweb.uidaho.edu/class/larc380/>

Spring 2016, Undergraduate Studio, Larc 463/Larc 465, 6 credits.

Spring 2016, Graduate Studio, Larc 562, 6 credits.

Fall 2016, Principles of Site Design, 3 credits. <http://www.uiweb.uidaho.edu/class/larc251/>

Fall 2016, Landscape Architecture Representation & Media 2, Larc 210, 3 credits, (50%)

Fall 2016, Undergraduate Studio, Larc 453

Fall 2016 Graduate Studio 3, Larc 558

Fall 2015, Principles of Site Design, 3 credits. <http://www.uiweb.uidaho.edu/class/larc251/>

Fall 2015, Graduate Studio 1, Larc 554

Fall 2015 Graduate Studio 3, Larc 558

Summer 2015, Low Impact Development Graduate Studio, China University of Mining and Technology, Xuzhou China

Spring 2015, Water Conservation Technologies, 3 credits. Stormwater management, constructed wetlands, biological wastewater treatment, green roofs, water harvesting, irrigation design.

<http://www.uiweb.uidaho.edu/class/larc380/>

Spring 2015, Graduate Studio, 6 credits. Interdisciplinary effort with UI Bioregional Planning and WSU engineering program. Service learning studio focused on the west side of the Cascades in Oregon.

Fall 2014, Senior Design Studio, 3 credits. Arboretum planning and design.

<http://www.uiweb.uidaho.edu/class/453/>

Fall 2014, Principles of Site Design, 3 credits. <http://www.uiweb.uidaho.edu/class/larc251/>

Summer 2014, Design Studio, 6 credits. Junior level studio in Italy. Landscape Architecture Study Abroad Program (with Professor S. Drown).

Summer 2015, Hill towns and Urban Theory Lecture, 3 credits. Junior level course in Italy. Landscape Architecture Study Abroad Program (with Professor S. Drown).

Spring 2014, Water Conservation Technologies, 3 credits. Stormwater management, constructed wetlands, biological wastewater treatment, green roofs, water harvesting, irrigation design.

<http://www.uiweb.uidaho.edu/class/larc380/>

Spring 2014, Graduate Studio, 6 credits. Interdisciplinary effort with UI Bioregional Planning and WSU engineering program. Service learning studio focused on the west side of the Cascades in Oregon and Washington Montana.

Fall 2013, Senior Design Studio, 3 credits. Mixed-use development collaborative studio with architecture students and Prof. R. Church. <http://www.uiweb.uidaho.edu/class/453/>

Fall 2013, Principles of Site Design, 3 credits. <http://www.uiweb.uidaho.edu/class/larc251/>

Summer 2013, Design Studio, 6 credits. Junior level studio addressing tourism development for a town in China. Landscape Architecture Study Abroad Program (with Professor S. Drown and X. Hou).

Spring 2013, Water Conservation Technologies, 3 credits. Stormwater management, constructed wetlands, biological wastewater treatment, green roofs, water harvesting, irrigation design. <http://www.uiweb.uidaho.edu/class/larc380/>

Spring 2013, Graduate Studio, 6 credits. Interdisciplinary effort with UI Bioregional Planning and WSU architecture and engineering programs. Service learning studio focused on the western Montana corridor.

Summer 2012, Italian Hilltowns, 2 credits. Urban culture and morphology. Landscape Architecture Study Abroad Program (with Professor S. Drown).

Summer 2012, Design Studio, 6 credits. Junior level studio addressing wetland restoration and agricultural tourism. Landscape Architecture Italy Study Abroad Program (with Professor S. Drown).

Fall 2012, Introduction to the Built Environment, 2 credits. Team taught with W. MacElroy and R. Church. <http://www.uiweb.uidaho.edu/class/151/>

Fall 2012, Senior Design Studio, 6 credits. Service-learning course focusing on mixed use planning and design proposals for Sandpoint ID. Collaboration with Prof. A. Marshall

Summer 2011, Senior Studio. 6 credits. Design Development and Construction Documents. Team taught.

Spring 2011, Senior Studio, 6 credits. Undergraduate Thesis 8 students. Team taught.

Spring 2011, The History of Landscape Architecture, 3 credits. <http://www.uiweb.uidaho.edu/class/larc389/>

Spring 2011, Water Conservation Technologies, 3 credits. Stormwater management, constructed wetlands, biological wastewater treatment, green roofs, water harvesting.

Fall 2011, sabbatical leave.

### **Other courses previously taught include:**

Construction Materials and Detailing, Grading and Drainage, Introduction to GIS, Landscape Graphics, Computer Graphics (CAD, SketchUp, Photoshop), High-density Mixed-use Development, Sophomore Design Studio, Irrigation Design, Landscape Ecology, Professional Practice, Site Planning, Theory and Literature of Landscape Architecture.

### **Graduate Students:**

#### **Major Professor for:**

2018, Alison Tompkins, MLA  
2018, Bin Chen, MLA  
2018, Sierra Shamburg, MLA  
2018, Shuai Zhao, MLA  
2018, Siwen Wang, MLA  
2017, Houri Beheshtifar, MLA  
2017, Yulan Feng, MLA  
2017, Sun Jung Lee, MLA  
2017, Brian Feldhaus, MLA  
2017, Andrew Tyler, MLA  
2016, Sarah Roop, MLA  
2016, Jeff Gose, MLA  
2015, Nathan Beck, MLA  
2015, Lindsay Eliason, MLA  
2015, Nicolas Pentico, MLA

2015, Brian Edwards, MLA  
2014, Jeffrey Stiltz, MLA  
2014, Jacob Wackenhut, MLA  
2013, Kristin De Boer, MLA  
2013, Stan Griswold, MLA  
2013, Timothy Garvin, MLA  
2012, Roland Beinrt, MLA  
2011 Karen Oleson, MLA  
2008 Robert Farnsworth, MSLA

**Graduate Committee Member for:**

2016, Robert Quinn, MLA  
2013, Joshua Hail, MSLA  
2013, Joy Campbell, Geography  
2013, Jan Kirchoff, MLA  
2012, Joshua Hail MLA  
2010, Jan Kirchoff, MSLA  
2009, Brian Cucksey, MSLA  
2008, S. Roshani, MSLA  
2008, Aaron Parsons, MSLA

**Courses Developed:**

2017, Introduction to Landscape Architecture, Larc 151, 3 credits.  
2016, Landscape Architecture Representation & Media 2, Larc 210, 3 credits, (development of the SketchUp half of the course).  
2015, Low Impact Development Graduate Studio, China University of Mining and Technology, Xuzhou China  
2014, Principles of Site Design. This course focuses on the fundamentals of site planning and design for architects and landscape architects.  
2014, Water Conservation Technologies. This course was developed with assistance from a grant from the Landscape Architecture Foundation.  
2012, Introduction to the Built Environment. Combined landscape architecture and landscape architecture course (with Robert Church).  
2006-2004, Water in the Urban Context. Revising former irrigation design course to include constructed wetland design, water harvesting and other sustainability issues.  
2005, The Cultural Landscape. 4 credit graduate seminar emphasizing cultural issues including history, economics, religion, transportation, native peoples, tourism, and quality of life.  
2005, Advanced Computer Assisted Planning, 3 credits (with Professor T. Ottawa), use of CommunityViz (and Arc View Extension) for comprehensive planning, economic analysis, and 3 dimensional visualization.  
2005, Three Dimensional Modeling for Landscape Architecture. Sketch-Up Training  
2005, Rendering and Photo simulation, 2 credits. (using Photoshop software)

**Invited Lectures:**

2015, "Natural Treatment Technologies: Wastewater Stormwater, Industrial and Agricultural Applications," Low Impact Development and Community Resilience Workshop. Moscow Idaho, September 28, 2015  
2015, "Low Impact Development in China and America" College lecture China University of Mining and Technology, Xuzhou, China

- 2015, "Sustainable Urban Development in Sweden" College lecture China University of Mining and Technology, Xuzhou, China
- 2014, "Green Infrastructure Case Study: Stapleton Colorado". European Thematic Network in Landscape Architecture, Nürtingen-Geislingen University, Stuttgart, Germany.
- 2011, "Green Infrastructure System" Idaho Urban Research and Design Center, Boise, ID

### **Lectures:**

- 2017, Green Infrastructure Planning, for Introduction to the Built Environment, Arch 151
- 2016, Energy Efficiency and Conservation, Environmental Science 485,
- 2015-2016, Layout Techniques for Landscape Architecture" for Larc 368 (Two lectures)
- 2016, BO01 sustainable development case study, for Introduction to the Built Environment, LArc 151/Arch 151
- 2014, "Terre Vicus: Ecosystem Services and New Orleans" For Introduction to the Built Environment
- 2014, "Stockholm Case Study" For Introduction to the Built Environment
- 2014, "Green Infrastructure" For Introduction to the Built Environment
- 2014, 2012, "Site Layout Techniques" for Larc 368
- 2014, Low Impact Development for Stormwater Management and Treatment

### **SCHOLARSHIP ACCOMPLISHMENTS:**

#### **Books and Book Chapters:**

- 2017, Austin, G, Conservation and Ecology, in *Handbook of Landscape and Food*. Ed. Joshua Zeunert and Tim Waterman. Routledge(Taylor and Francis) Publishers. In Press.
- 2016, Austin, G. and Yu, K. *Constructed Wetlands and Sustainable Development*. Contract awarded by Routledge (Taylor and Francis) Publishers. ISBN-13: 978-1138908994.
- 2014, Austin, G. *Green Infrastructure for Landscape Planning: Integrating Natural and Human Systems*. Routledge (Taylor and Francis) Publishers. ISBN-10: 0415843537.
- 2000, "Landscape Architecture for the Elderly." In *Handbook on Housing for the Elderly*. Greenwood Press.
- 1998, *Layout Techniques for Landscape Architecture*. Stipes Publishing, Champaign, Illinois.

#### **Book Proposals:**

- European Green Capitals: Studies in Sustainable Development*. In progress. Book production begun 2016.
- Urban Biological Diversity: Research, Planning, and Design*. In progress.
- Community Agriculture: Farming at the Urban Fringe*. In progress.
- Low Impact Development for the United States and China*. In progress with Lu Ding, Zhenyu Liu, Dr. Zuo, Dr. Zhou. Book production begun 2016.

#### **Adjudicated and Peer Reviewed Journal and Proceedings Articles**

- 2017, Austin, G, Conservation and Ecology, in *Handbook of Landscape and Food*. Ed. Joshua Zeunert and Tim Waterman. Routledge(Taylor and Francis) Publishers. In Press.
- 2017, Austin, G. and Hamilton, M. "Cold Climate Greenhouses". University of Idaho Extension. In review.
- 2015, Lilian Alessa, Andrew Kliskey, Crystal Kolden, John Abatzoglou, Brandon Moore, Gary Austin, Nathan Beck, Alistair Smith. "Idaho's Waterscapes in the next 50 years: A synthesis and forecast of the use and availability of water resources in Idaho," *Journal of the American Water Resources Association*. In Review.
- 2014, Austin, G., Laninga, T. "Jet Bio-Fuel: Environmental Implications of Woody Biomass Harvest". In progress for the *Journal of Environmental Policy*.
- 2013, Austin, G. "Case Study and Sustainability Assessment of Bo01, Malmo, Sweden" *Journal of Green Building* 8 (3). Invited Paper

- 2013, Austin, G. Multifunctional Wastewater Treatment Landscapes. *Landscape Journal*, Volume 32, Issue 1. University of Wisconsin Press. Adjudicated.
- 2013, Austin, G. "The Geometry of Biodiversity" *Spaces and Flows Journal*. Abstracted accepted. Blind review.
- 2012, Austin, G. "Design and Performance of Bioretention Beds for Removal of Stormwater Contaminants" *Journal of Green Building* 7 (1). Blind Review.
- 2012, Laninga, T; Austin, G; McClure, W. "University/Community Engagement in Small Western Towns: Preserving Rural Character and Enhancing Community Sustainability through Service-Learning Partnerships" in *Journal of Community Engagement and Scholarship*. 5 (1). Adjudicated.
- 2012, Austin, G. "Multi-Functional Ecological Corridors in Urban Development" *Spaces and Flows Journal*. 2 (1).
- 2011, Austin, G. "Advances in Constructed Wetlands for Wastewater and Stormwater Treatment" in *Urban Nature, Conference Proceedings of the Council of Educators in Landscape Architecture (CELA)*. Ed. Berney, Rachel. 2013. Los Angeles: Figueroa Press. Adjudicated.
- 2011, Austin, G. "Food Security Adaptation Plans: Climate Change and Rural Communities" in *Rural Connections Journal*. June 2011. Blind review.
- 2010, Austin, G. "Constructed Wetlands for Wastewater Treatment and as Landscape Amenities in Rural Communities" in *Rural Connections Journal*, May 2010. Blind Review.

### **Reports and Presentations:**

- 2012, Austin, G. "Combining Formative and Ecosystem Services Concepts to Build Green Infrastructure Constituencies" Environmental Design Research Association, Seattle, WA. Peer reviewed abstract accepted but presentation not made due to lack of funding.
- 2012, Digital report of planning and design proposals for urban development in Sandpoint, ID (w. Prof. A. Marshall).
- 2011, Austin, G. "Constructed Wetlands for Wastewater Treatment" *President's Sustainability Symposium*. Coeur d'Alene, ID.
- 2011, Austin, G. "Green Infrastructure: Contributions of Constructed Wetlands" ASLA Annual Meeting, San Diego. Abstracted submitted, not accepted.
- 2010, Austin, G; Scott, M. "Water Resource Management for Campus Sustainability," *President's Sustainability Symposium*. Moscow ID.
- 2009, Hardcopy and digital reports of planning and design proposals for the City of Priest River, ID (with Prof. T. Laninga and Prof. P. Watson).

### **Presentations and Other Creative Activities:**

- 2013-2000, Digital textbooks created for the History of Landscape Architecture, Water Conservation Technologies, Urban Design, Construction Detailing, Principles of Site Design and delivered via the web.

### **Professional Meeting Papers:**

- 2017, Austin, G., Liu, Z. "Multi-functional Wetland Performance", Council of Educators in Landscape Architecture Annual Conference, Beijing China. Paper delivered by ZhenYu Liu.
- 2015, Austin, G." Stormwater Treatment Wetlands Applications and Performance in Cold Climates". American Society of Landscape Architects, Idaho/Montana Chapter. Boise, Idaho
- 2014, Austin, G., Laninga, T. "Jet Bio-Fuel: Environmental Implications of Woody Biomass Harvest", Idaho Academy of Sciences, Moscow, Id. March, 2014.
- 2013, Austin, G. "Sustainable Stormwater Management and Treatment" at the Extension Sustainability Summit, November, 2013, Park City Utah.
- 2012, Austin, G. "Vertical Flow Constructed Wetlands for Water Quality Improvement" American Society of Landscape Architects Annual Conference, Phoenix, AZ.

- 2012, Austin, G. "Embedded Values in Landscape Infrastructure" Council of Educators in Landscape Architecture Annual Conference, Illinois.
- 2012, Austin, G. "Urban Biodiversity Research: Implications for Planning" Association of European Schools of Planning, Ankara, Turkey. Abstract Accepted but paper not presented due to lack of travel funding.
- 2012, Austin, G. "Combining Formative and Ecosystem Services Concepts to Build Green Infrastructure Constituencies" Environmental Design Research Association, Seattle, WA. Peer reviewed abstract accepted but paper not presented due to lack of travel funding.
- 2011, Austin, G. "Advances in Constructed Wetlands for Wastewater and Stormwater Treatment". Council of Educators in Landscape Architecture Annual Conference, Los Angeles, CA.
- 2011, Austin, G. "The Role of the Ecotone in Green Infrastructure Multi-Functional Performance" Spaces and Flows Conference, Prato, Italy
- 2011, Austin, G. "Integrating Community Agriculture into Green Infrastructure", American Planning Association, Idaho Conference. Moscow ID.
- 2011, Austin, G. "Design and Performance of Bio-retention Beds for Removal of Stormwater Contaminants" American Society of Landscape Architects Rendezvous Conference, Billings MT.
- 2011, Austin, G; Scott, M. "Water Resource Management for Campus Sustainability" President's Sustainability Symposium, Moscow, ID.
- 2010, Austin, G. "Green Infrastructure: The Rural Town and the Regional Environment" at Association of Collegiate Schools of Planning Annual Conference. Minneapolis, MN.
- 2010, Austin, G; Laninga, T; Watson, P. "Balancing Design and Economics in Community Development Proposals" at Association of Collegiate Schools of Planning Annual Conference, Minneapolis, MN.
- 2010, Austin, G. "Effectiveness of the Building Sustainable Communities Initiative" National Outreach Scholarship Annual Conference. Abstract accepted, paper not submitted.
- 2009, Austin, G; Laninga, T; McClure, W. "Reinvesting in Small Western Town Central Business Districts: Preserving Rural Character and Enhancing Sustainable Development through University-Community Partnerships". Association of Collegiate Schools of Planning Annual Conference, Crystal City, Virginia.

#### **Posters Presented At Scholarly Meetings:**

- 2012, Austin, G. "Incorporation of Constructed Wetlands in Landscape Infrastructure: Research, Technology and Planning Standards" Association of European Schools of Planning, Ankara, Turkey. Accepted Poster Presentation but not presented due lack of travel funding.
- 2011, Austin, G. "Urban Morphology and Growth in Historic Camogli, Italy" Council of Educators in Landscape Architecture Annual Conference, Los Angeles, CA.

#### **Grants and Contracts Awarded:**

- 2014, 2,500 Landscape Architecture Foundation for design for landscape performance in stormwater management and treatment
- 2004, Port of Lewiston (\$6,000), Design studies for mixed use development and a business and technology park.
- 2002, Planning and design contract, (\$4,000) from Seeley Lake, Montana and Harrison, Idaho.
- 2002, Nez Perce County, Idaho. (\$1,600), Prototypes for residential development.
- 2000, Planning and Design Contract. (\$5000), from Hayden and Sandpoint, Idaho.

#### **Honors and Awards:**

- 2011, Paul G. Windley Faculty Excellence and Development Award. University of Idaho.
- 1980-present, Sigma Lambda Alpha (honorary society in landscape architecture)

#### **SERVICE:**

**Major Committee Assignments:**

2015 - 2012 University of Idaho Arboretum Executive Committee  
2014 – College external review committee  
2015, 2013, Department Faculty Search Committee.  
2015-2012, Landscape Architecture Graduate Studies Committee Chair  
2013, 2012, CAA Facilities Committee  
2012, Department Tenure and Promotion Committee, Chair  
2012, 2009, College Tenure and Promotion Committee  
2011, 2010 University Tenure and Promotion Committee  
2013 - 2010, Bioregional Planning Program Coordinating Committee  
2010 - 2008 College Bylaws Committee  
2009, Department Third Year Review Committee

**Professional and Scholarly Organizations**

2015-2014, Second Vice-President, Council of Educators in Landscape Architecture.  
2015, 2014, 2013, Conference and proceedings paper reviewer for the Council of Educators in Landscape Architecture.  
2014, American Society of Landscape Architects  
2013, Associate Editor *Spaces and Flows Journal*  
2013, journal article reviewer for the *Journal of Green Building*.  
2013, 2012, Associate Editor *Spaces and Flows Journal*

**Outreach Service:**

2012, Sandpoint ID, Planning and design proposal for 80-acre site in association with the city (collaboration with Professor A. Marshall). Digital documents provided to the clients.  
2010, Priest River, ID, Planning and design projects for community revitalization. Digital documents provided to the clients.  
2010, Cascade, ID, Biological Wastewater Treatment Proposals (construction detailing). Digital documents provided to the clients.  
2009, Cascade, ID. Planning projects for community revitalization (collaboration with Professor W. McClure). Digital documents provided to the clients.  
2008, Cascade, ID. Design projects and sample construction documents (collaboration with Donna). Digital documents provided to the clients.

**PROFESSIONAL DEVELOPMENT:****Teaching:**

2013, On-line training in Adobe Dreamweaver, AutoCad, Adobe Illustrator, SketchUp

**Scholarship:**

2015, American Society of Landscape Architects, Idaho/Montana Rendezvous Conference, Boise, Idaho  
2012, American Society of Landscape Architects Annual Conference, Phoenix, AZ.  
2012, Council of Educators in Landscape Architecture Conference, University of Illinois, Urbana  
2011, American Planning Association, Idaho Conference. Moscow ID  
2011, Spaces and Flows Conference, Prato, Italy  
2011, Council of Educators in Landscape Architecture Annual Conference, Los Angeles, CA.  
2011, American Society of Landscape Architects Rendezvous Conference, Billings MT.  
2010, Association of Collegiate Schools of Planning Annual Conference. Minneapolis, MN.  
2007, American Society of Landscape Architects Rendezvous Conference, San Francisco.