**CURRICULUM VITAE**

University of Idaho

**NAME:** Elizabeth A Scott **DATE:** January, 2018

**RANK OR TITLE:** Associate Professor, Landscape Architecture Program Head

**DEPARTMENT:** Landscape Architecture, Urban Design Center (Boise)

**OFFICE LOCATION AND CAMPUS ZIP:** **OFFICE PHONE:** (208) 364-4571

Idaho Water Center, room 380E **FAX:**

322 E Front Street, Suite 390 **EMAIL:** bscott@uidaho.edu

Boise, ID 83702  **WEB:**

**DATE OF FIRST EMPLOYMENT AT UI:** August 2013

**DATE OF TENURE:** (Year or untenured) 2015

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

**EDUCATION BEYOND HIGH SCHOOL:**

**Degrees:** (List most recent degree first: Degree, institution name, city, state, date, major or area of specialization.)

MLA, University of Oregon, Eugene, OR. 2005. Design for Community Health

BLA, University of Nevada, Las Vegas - Las Vegas, Nevada. 2002. Magna Cum Laude

BS - Geosciences, University of Arizona - Tucson, AZ. 1983. Economic Geology

**Certificates and Licenses:**

California Professional Geologist # 6751 (Active)

**EXPERIENCE:**

**Teaching, Extension and Research Appointments:** (List position titles and locations since receipt of Bachelor’s degree)

Associate Professor, Landscape Architecture, University of Idaho, 2013 – present

Assistant Professor, Landscape Architecture and Planning, University of Arizona, 2009 – 2013

Research/Outreach Associate, The Drachman Institute, University of Arizona (50%). Aug 2008 - May 2009.

Visiting Assistant Professor, Landscape Architecture and Planning, University of Arizona, 2007 – 2009

Visiting Assistant Professor, Landscape Architecture, University of Nevada, Las Vegas, 2006 – 2007

Research Associate, Landscape Architecture & Planning Research Office, University of Nevada, Las Vegas. 2004-2005.

Research Assistant. Landscape Architecture and Planning Research Office, University of Nevada, Las Vegas. 2001-2003

**Academic Administrative Appointments:**(List position titles and locations since receipt of Bachelor’s degree)

Program Head, Landscape Architecture, University of Idaho, 2017 – present

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

Landscape Architecture

Design Workshop, Inc., Stateline, NV, 2005 – 2007. Operations manager, Tahoe Office. Emphasis on sustainable residential and recreation development, regional transportation systems, and regional planning.

The Argonaut Co., Architecture and Urban Design, Las Vegas, NV. Nov. 2001 - April 2002. Project assistant, urban designer.

Professional Geologist

Viceroy Resources Corp., Las Vegas, NV. 1993 – 1999. Manager, Regional Exploration Office. Geologist. Reconnaissance and exploration geologist; mineral assessment; reclamation and mine closure. Includes consulting to Dawson First Nation, Yukon Territory, Canada.

Pacificorp, Portland, OR and Reno, NV. 1985 – 1989. Reconnaissance and exploration geologist; mineral assessment; reclamation; regulatory compliance.

Arizona Geological Survey, Tucson, AZ. 1983 – 1987, 1989, seasonal. Field geologist, cooperative mapping program with the US Geological Survey.

Meridian Mineral Co., Billings, MT. 1982 – 1984, seasonal. Reconnaissance and exploration geologist.

**Consulting:** (List company/institute name, title, brief description, date)

Landscape Architecture

Callaghan Vineyards, Elgin, AZ. 2012. Landscape design for entry and visitors areas.

Arizona Hops and Vines Winery, Sonoita, AZ. 2011. Landscape design for tasting and visitor areas. Bitahochee Trading Post, Indian Wells, AZ, 2009. Schematic plan for trading post restoration and visitor area design.

Pioneer’s Home Cemetery, Prescott, AZ. 2009. Erosion control design for historic cemetery.

Residential design for private clients, Las Vegas, NV. 2007-2008. Residential landscape design, xeriscape, pool design.

Professional Geologist

Anglo North America, Denver, CO. Oct 1999 – Apr 2000, Jul-Aug 2001. Consulting geologist. Tectonic analysis of the Mojave Desert Province; resource estimation.

Bechtel Engineering, Las Vegas, NV. Jun – Aug, 1997. Consulting geologist. Expert panel, low-level nuclear waste repository site, Nevada Test Site.

Mariah Associates, Reno, NV. 1991 - 1992. Consulting geologist. Environmental assessment (Phase I & II), wetland mapping and assessment; water quality protection and erosion control.

Cambior USA, Reno, NV. 1991. Consulting geologist. Reconnaissance and exploration geology; reclamation.

BP Minerals America, Reno, NV. 1991. Consulting geologist. Reconnaissance and exploration geology.

Environmental Management Associates, Reno, NV. 1990 – 1991. Environmental assessment (Phase I & II), reclamation; water quality/erosion control; regulatory compliance.

Catellus Land Corp., Reno, NV. 1989 – 1990. Reclamation, land status analysis; regulatory compliance.

Newmont Exploration Ltd., Elko, NV. 1989 – 1990. Consulting geologist. Reconnaissance and exploration geology.

Noranda, Reno, NV. 1989. Consulting geologist. Exploration geology.

**TEACHING ACCOMPLISHMENTS:** (Academic and Extension teaching)

**Areas of Specialization:**

Sustainable development and urban design with emphasis on: 3D visualization for spatial decision support; alternative transportation systems; sustainable urban redevelopment; stormwater design and management including water harvesting; landscape restoration/reclamation emphasizing native plant establishment, erosion control and surface water management. Supporting areas of specialization include regional planning and geospatial suitability analysis. Technical expertise in 3D urban modeling, sustainability performance analytics; stormwater modeling, and landscape evolution modeling.

**Courses Taught:** (title, course number, date(s))

University of Idaho, Urban Design Center, Boise, ID

LARC 555 – Master’s Project Preparation (3 cr) Spring, Fall 2016-2018. Seminar introducing graduate students to common research methods used in Landscape Architecture. Outcomes include Master’s Project proposal, literature review, case studies and research presentation.

LARC 504 / VTD 404 – ST Virtual Cities 1 (2 cr) Spring 2016. Hybrid course introducing students to CityEngine 3D urban design and modeling software used for urban planning visualization and decision support.

LARC 520 – Regional and Community Design Seminar (3 cr). Fall, 2013-2017. Graduate seminar in bioregional planning and urban design.

LARC 554 – Graduate Studio I (6 cr). Fall 2013-2017. Integrated graduate architecture and landscape architecture studio emphasizing bioregional to district scale planning, development and design.

ARCH 554 / LARC 556 – Graduate Studio II (6 cr). Spring 2014-2016. Integrated graduate architecture and landscape architecture urban design studio emphasizing neighborhood, block and large site scale urban redevelopment and design.

LARC 558 – Graduate Studio III (6 cr). Spring 2014-18, Fall 2014-17. Non-thesis master’s project and report for UI seamless BSLA-MLA students.

LARC 562 – Graduate Studio IV / Master’s Project studio. Spring, Fall, 2015-2017. Non-thesis master’s project and report for 1st Professional or Post-professional MLA students.

University of Arizona, School of Landscape Architecture and Planning, Tucson, AZ

LAR 511 - Design Studio II (6 cr). Graduate landscape architecture design studio emphasizing site planning and design. Spring, 2008 – 2013.

LAR 522 / ARC 526- Landscape Analysis and Site Planning (3 cr). Integrated graduate architecture and landscape architecture lecture course. Fall, 2007 - 2013. ARC 526 added in 2010.

LAR 610 – Design Studio III (6 cr). Graduate landscape architecture studio emphasizing planning and design of complex, large scale projects, from locational analysis to master planning and detailed site design. Fall 2012.

LAR 622 - Landscape Planning (4cr). Lecture and lab class introducing students to the history, theory and practice of physical planning. Introduction to GIS as applied to land use planning and urban design. Fall 2007-2011.

LAR 623 - Landscape Planning Studio (3 cr). Lecture and studio focused on geodesign and GIS modeling of landscape scale conditions, with schematic and conceptual design development. Sping 2008-2013.

LAR 660 - Professional Practice (2 cr). Lecture class introducing students to aspects of practice including ethics, licensure, project management, and private firm office management. Fall 2011, Spring 2013.

University of Nevada, Las Vegas, School of Architecture, Las Vegas, NV

AAD 100 - Introduction to Architecture, Landscape Architecture & Interior Design (3 cr). Undergraduate general education lecture course introducing students to the design disciplines.

AAL 465 / AAD 665 - GIS Planning Methods(3 cr). Undergraduate and graduate lecture and lab class introducing students to the theoretical and technological aspects of GIS as applied to land use planning.

AAL 386 - Landscape Architecture Design IV (6 cr). Undergraduate studio course in which students apply GIS and other site analysis methods to a land use planning project, addressing issues of ecosystem management, sustainable design, and sociocultural connections to the Mojave Desert.

AAL 484 - Landscape Architecture Design V (6 cr). Undergraduate community outreach studio in which students work with members of a rural Nevada town to resolve its planning and design challenges.

AAL 495 / AAE 695- Community Design Seminar (2 cr). Graduate architecture and upper division landscape architecture seminar class focusing on the ways in which social, economic, political, and environmental issues have influenced neighborhood and community form over the past 150 years.

**Students Advised:**

Undergraduate Students:(advised to completion of degree, number per year) NA

Graduate Students:

Major Professor for:

Hernandez, Rafael, MLA 2018 (expected). *Implementation of Bus Rapid Transit in Boise, ID.*

Pokhrel, Neha, MLA 2018 (expected). *Providing Urban Green Space that Meets Users’ Needs in Boise, ID.*

Roberts, Mandi, MLA 2018 (expected). *Transportation Demand and Visitor Use Management Actions Including Intermodal Connections at Yellowstone National Park*

Shamburg, Sierra, MLA 2018 (expected). *Designing Ecological Corridors Using Plant Communities and Ecosystem Services in the Sherwood, Oregon Urban Expansion Growth Boundary.*

Boise, Carly. MLA 2018 (expected). *Implications of Landscape Redesign at a Mission 66 Visitor Center, Craters of the Moon National Monument*.

Lopez, Lyle. MLA 2017. *Culture and Agriculture in Hawaii - Future Celebration of Diversity through the Sharing of Culturally Significant Food Plants: Lessons from Native Hawaiians.*

Valle, Celeste. MLA 2017. *Managing Human and Wildlife Interactions: Developing a low-impact community within Jackson, WY.*

Shrosbree, Katherine. MLA 2016. *Wondering Waters: Creating a Sensory Experience that Strengthens an Appreciative Bond with Water*.

Chambers, Tyler. MLA 2016. *The Boise Loop: Enhancing Walkability in the South Boise Suburbs through Easement Acquisition*.

Sundquist, Sarah. MLA 2016. *Place Centered Design in Affordable Housing.*

Bentler, Brian. MLA 2015. *The Adaptive Public Realm: Boise LIV District Public Realm Design.*

Prendiville, Leslie. MLA 2015. *Community Capacity Building through Sustainable Agriculture*.

Burbridge, Evan. MLA, 2014. *Suburban Restoration Ecology for Improved Water Quality.*

Hoffhine, Steven. MLA, 2014 (expected). *Native Species Exhibit Design and its Influence on Visitors’ Attitudes Towards Conservation, Sequoia Park Zoo, Eureka, CA.*

Williams, Cody. MLA, 2014. *Human-Nature Connection, Boise, ID.*

Bresdin, Cylphine. MLA, 2013. *Theory and Design Considerations of Ecological Landscapes along a Salinity Gradient: a constructive method to reduce brine waste volume*

Machado, Micaela. MLA, 2013. *New Life Behind Bars: from Prison to Community Resource.*

Radcliffe-Meyers, Lori. MLA, 2013. *A Landscape of Memories: A Master Plan design for the Crawford Town Hall, Crawford, CO.*

Sullivan, Sara. MLA, 2013. *Redesign of Eldora Mountain Resort: A Conceptual Plan to Enhance Boulder’s Backyard.*

Ware, Charles. MLA, 2013. *Design-Build: the Value of Design-Build as a Cornerstone of Architectural Education.*

Pipkin, Scot. MLA, 2012. *Ecological Campground Design for the Lincoln National Forest.*

Byers, Logan. MLA, 2011. *Infiltrating the Smaller Storm: a Community Plaza and Subsurface Infiltration Facility.*

Callan, Reid. MLA, 2011. *Reconnecting the Waterfront with the Urban Downtown: Tacoma’s Thea Foss Waterway & Downtown, a Study of Remediation & Design for Community Park & Non-Motorized Boating Facility.*

Perry, Yennifer. MLA, 2011. *Rails-to-Trails Greenway: Awakening Cultural Heritage.*

Yetman, Emily. MLA, 2011. *Bridging the Gaps: Creating a Bicycle-friendly Downtown Tucson.*

Kenworthy, Carla. MLA, 2010. *A Master Plan for the Northern Arizona Veterans Hospital Enhancing the Site through Circulation, Therapeutic Landscapes, and Connections.*

Steinberg, Steven. MLA, 2010. *From Universal Access to Universal Experience Creating a universally accessible sensory environment.*

Barry, Lauren. MLA, 2009. *Mitigating the Waters: A Study of Remediation + Design for the Gowanus Canal.*

Hill, Rachel. MLA, 2009. *Living Ag: Integrating People and Landscape into Urban Production.*

Kennedy, Melisa. MLA, 2009. *A Master Plan for Redevelopment in Southern Avra Valley.*

Leijonhufvud, Jenny. MLA, 2009. *Breaking the Barriers: How Bicycle Boulevards can Move the City.*

Served on graduate committee (student name, degree, and date)

Booth, Amy. MLA, 2013. *Children in the Canyon: Creating an Outdoor Discovery Center in the Texas Panhandle.*

Liggett, Aaron. MLA, 2013. *Las Palmas: an Approach Toward Sustainable Tourism Development in Baja California Sur, Mexico.*

Ela, Autumn. MLA, 2012. *Designing the Greatest Good: Ensuring Multi-seasonal US Forest Service Recreation Sites are Relevant to the Urban Desert Southwest.*

Jensen, Laura. MLA, 2012. *Adaptive Reuse of Remnant Structures in Brownfield Sites for Wildlife Habitat in Urban Park Design*

Lennon, Lisa, MLA, 2011. *Pocket Pollination: Landscape Design Guidelines for Native Bees in Urban Environments.*

Van Fleet, Kristin, MLA, 2011. *Interpreting the invisible: Inhabited/Inhabitable landscapes in the Petrified Forest.*

Gredig, Theresa. MLA, 2010. *Florida Station: Where History, Education, and Environmental Sustainability Unite.*

Olson, Iylea. MLA, 2010. *Chamizal National Memorial Master Plan Renewing a Conservation Ethic.*

Creagan, Kimberly. MLA, 2009. *Urban Habitat: a Model for Habitat Assessment, Design and Interpretation in Downtown Areas.*

Jacobsen, Brent. MLA, 2009. *Sustainable Roofscapes: Developing a green roof implementation model for Tucson, Az.*

Mast, Natalie. MLA, 2009.  *Refuse to Refuge: reclaiming a landfill in Tucson’s urban core.*

Elam, Angie. MLA, 2008. *Arizona open space: planning in the growing smarter era.*

**Materials Developed:** (non-scholarship activity)

Fall, 2015. *CityEngine Tutorials*. Standalone data sets and instructions for developing 3D urban models for downtown Boise, ID, including tutorials for creating user-defined parameters in computer generated architecture rules (code), which enable evaluation of model performance.

Fall, 2008. *An Introduction to GIS for Landscape Architects*. Manual for using ArcGIS 9.x, developed for in-class use for LAR 622 Landscape Planning, University of Arizona.

**Courses Developed:**

University of Idaho

LARC 555 – Master’s Project Preparation (3 cr) Spring, Fall 2016-2017. New graduate seminar focused on guiding students through early research stages of Master’s Project proposal, literature review, case studies and project methods design.

LARC 504 / VTD 404 – ST Virtual Cities 1 (2 cr) Spring 2016. Hybrid course introducing students to CityEngine 3D urban design and modeling software used for urban planning visualization and decision support. Developed cooperatively with Jon Anderson, Virtual Cities 2, which takes products of VC1 and translates them into virtual reality platforms. Both courses were an outgrowth of the EPSCoR CI-Viz I-SEED grant.

Fall 2013, LARC 520 – Regional and Community Design Seminar (formerly LARC 504 ST Designing the Region) (3 cr). New graduate seminar in bioregional planning and urban design, for new curriculum at the Urban Design Center.

Fall 2013, LARC 554 – Graduate Studio I – Regional and Community Design Studio (6 cr). Integrated graduate architecture and landscape architecture studio emphasizing bioregional to district scale urban development, for new curriculum at the Urban Design Center.

Spring 2013, ARCH 554 / LARC 556 – Graduate Studio II – Urban Design Studio (6 cr). Integrated graduate architecture and landscape architecture urban design studio, for new curriculum at the Urban Design Center.

University of Arizona

Fall, 2012, LAR 610 – Design Studio III (6 cr). Developed new focus for studio on suitability and locational analysis, master planning, and design development.

Fall 2011, LAR 660 - Professional Practice (2 cr). Redeveloped course to introduce students to project, office and financial management as practiced in professional firms.

Fall, 2007, LAR 522 / ARC 526- Landscape Analysis and Site Planning (3 cr). Revamped former site analysis course to focus on interactions between human and natural systems. ARC 526 added in 2010.

Fall, 2007, LAR 622 - Landscape Planning (4cr). Introduced regional to site scale geospatial analysis using GIS as a foundation for design and planning.

Fall, 2007, LAR 623 - Landscape Planning Studio (3 cr). Introduced geodesign concepts to landscape planning studio.

University of Nevada, Las Vegas

Spring 2007, AAL 495 / AAE 695- Community Design Seminar (2 cr).

Fall 2006, AAL 465 / AAD 665 - GIS Planning Methods(3 cr).

**Non-credit Classes, Workshops, Seminars, Invited Lectures, etc.:**

Invited Facilitator, ULI Moving People First Summit, April, 2016, Boise, ID.

Invited Facilitator,

**Honors and Awards:**

2007 Fielden Medal of Honor for Excellence in Teaching. School of Architecture, University of Nevada, Las Vegas.

**SCHOLARSHIP ACCOMPLISHMENTS:** (Including scholarship of teaching and learning, artistic creativity, discovery, and application/integration)

**Publications, Exhibitions, Performances, Recitals:**

**Refereed/Adjudicated:** (i.e. books, book chaps., journals, proc., abstr., etc.; provide citations-author, date, title, publisher)

**Peer Reviewed/Evaluated:** (i.e. journals, articles, proceedings, abstracts, etc.)

Scott, EA and Boise, C (2018) “Resolving conflicts between historic character and sustainability goals: removal of turf at Mission 66 National Park Service Facilities.” In review for Landscape Research Record; accepted for Annual Meeting, Council for Education in Landscape Architecture, Blacksburg, VA.

Scott, EA (2017) “City Engine as a Teaching Tool for Sustainable Urban Development.” ESRI User Conference, July 10-14, 2017. San Diego, CA

Craig R. Allen, Hannah E. Birge, Shannon Bartelt-Hunt, Rebecca A. Bevans, Jessica L. Burnett, Barbara A. Cosens, Ximing Cai, Ahjond S. Garmestani, Igor Linkov, Elizabeth A. Scott, Mark D. Solomon and Daniel R. Uden. Avoiding Decline: Fostering Resilience and Sustainability in Midsize Cities. Sustainability 2016, 8(9), 844.

Scott, EA. (2016) “Evaluating Urban Design Performance Using City Engine.” Annual Meeting, Council for Education in Landscape Architecture, Salt Lake City, UT.

Scott, EA., Solomon, M. (2016) “Averting Threats to Water Supply from Landscape Change: an example from the Rathdrum Prairie Aquifer.” (Abstract accepted) Annual Meeting, Council for Education in Landscape Architecture, Salt Lake City, UT.

Scott, EA. (2015) “Landform Grading as a Sustainable Development Technique.” IMASLA 2015 Rendezvous Conference. Boise, ID.

Scott, EA and K C Hanna. (2012) “Geodesign in Landscape Architecture and Planning Education.” Annual Meeting, Council for Education in Landscape Architecture, Champagne-Urbana, IL.

Hanna, K C, and Scott, E A. (2012) “Academic Lessons in GeoDesign.” ESRI Annual Education Users’ Conference. San Diego, CA.

Scott, EA. (2011) After it’s Built: Using LEED and SSI Criteria in a Post-occupancy Assessment of Conventional and ‘Sustainable’ Subdivisions. Annual Meeting, Council for Education in Landscape Architecture., Los Angeles, CA.

Scott, Elizabeth. (2011) A Review of “The Evolution of Urban Form: Typology for Planners and Architects”. Journal of the American Planning Association, 77(04), pp. 387 - 388.

Hanna, K.C., E A Scott, B Lee, and N G Nelson. (2011) “Geodesign – An Agenda for Landscape Architecture.” Panel discussion, Annual Meeting, Council for Education in Landscape Architecture., Los Angeles, CA.

Scott, EA. (2011) A GIS-Based Post-Occupancy Sustainability Assessment Tool for Neighborhood Development. On Sustainability Annual Conference, Hamilton, Waikato, New Zealand.

Scott, EA. (2009) “Beyond safety and comfort: testing perceived aesthetic quality as a measure of walkability.” Annual Meeting, Council for Education in Landscape Architecture, Tucson, AZ.

Scott, EA. (2008) “Total Project Investment: Incorporating Maintenance Costs in Landscape Project Design.” Annual Meeting, the American Public Works Association. San Antonio, TX.

Scott, EA, Hoversten, ME, Pugh, B and Jones, SB. (2006) “A Framework for Establishing Maintenance Tasks and Life Cycle Costs for Landscape Projects.”  *Conference Proceedings.* Council for Education in Landscape Architecture.

Hoversten ME, Jones SB, Scott EA, Ohlerking D. (2002) The Pattern and Palette of Place: A Landscape and Aesthetics Master Plan for Nevada’s Highway System. *MASS,* University of New Mexico. XII:12-16.

**Other:** (reports, proceedings, papers, citations and references, performances)

Caldwell Business Improvement District Architectural Façade Design Guidelines and District Design Guidelines, professional report, December 2016. Service learning project for the City of Caldwell, ID. LARC 554/LARC 556 Fall 2016. Work completed in conjunction with GGLO Design, Seattle.

Garden City Urban Centers: Vibrant New Centers for Living in Garden City. Professional report; December 2015. Service learning project for the City of Garden City, ID. LARC 554 Fall 2015.

Placemaking along the Broadway Corridor, Boise. Professional Report, May 2015. Service learning project for the City of Boise and South Boise Village Neighborhood Association, LARC 556/ ARCH 554, Spring 2015.

*S*olomon, M. and Scott, EA. 2014. Rathdrum Prairie Future Water Demand: Report to the Idaho Water Resources Board providing information for evaluation of Rathdrum Prairie Aquifer Reasonably Anticipated Future Need municipal provider water right applications. IWRRI Report $201404, Revised 4/2/15.

Landscape Design Guidelines for Proposed Water Delivery System, 2012. Prepared for Rosemont Copper Company.

Geomorphic Landforming Practices in Large -scale Open Pit Mine Reclamation, 2012. Prepared for Rosemont Copper Company.

Tangerine Corridor Conceptual Plan, 2012. Service learning geodesign project with four planning and landscape architecture graduate students. Prepared for the Town of Marana, Arizona.

*Geodesign in Higher Education Survey.* Principal investigator, with Karen C. Hanna, California State Polytechnic University, Pomona, CA. Survey of more than 170 accredited programs in landscape architecture and planning in North America investigating the use of geospatial technology in design and planning curricula.

Nevada Department of Transportation, Landscape and Aesthetics Corridor Plans. Each plan is approximately 100 -120 pages, documenting a landmark process of identifying regional landscape characteristics, gathering community input on design recommendations, and establishing design guidelines, procedures, and maintenance estimates for the entire State highway system. Coauthor, research team member and design team member on each:

*Southern US 95 and US 93 Landscape and Aesthetics Corridor Plan*. December 2006.

*Central US 95, West US 6 and Central US 50 Landscape and Aesthetics Corridor Plan*. December 2006.

*US 395, West US 50, SR 28, SR207 and SR 431 Landscape and Aesthetics Corridor Plan*. Nevada Department of Transportation. December 2006.

*Southern US 95 and US 93 Landscape and Aesthetics Corridor Plan*. December 2006.

*I-80 Urban and I-80 Rural Landscape and Aesthetics Corridor Plans.* August 2005.

*I-15 Landscape and Aesthetics Corridor Plan*. August 2005.

*Landscape and Aesthetics Program Manual*. Nevada Department of Transportation. Procedural manual based on case study method. December 2005. Coauthor.

*Landscape and Aesthetics Procedures Manual*. Nevada Dept. of Transportation. 2004. Coauthor.

*The Pattern and Palette of Place: A Landscape and Aesthetics Master Plan for Nevada’s Highway System* and *Technical Report for The Pattern and Palette of Place*. Nevada Department of Transportation. 2002. Coauthor.

*Technical Information Report*.  *Nevada Landscape and Aesthetics Master Plan.* Nevada Department of Transportation Technical Review Committee. November, 2001. With Mark Hoversten and Susan Bahnik Jones.

**Refereed/Adjudicated (currently scheduled or submitted):** (provide citations)

**Presentations and Other Creative Activities:** (i.e. slide sets, web pages, video productions, etc., provide date and location)

Invited Presentations:

“Landform Grading as a Sustainable Development Strategy: Case Studies in Mine Reclamation,” Jan. 29, 2016. Invited presentation for the Idaho Chapter of the International Association for Hydro-Environment Engineering Research.

“Methods for evaluating effectiveness of sustainable residential developments.” University of Arizona Energy Science Group Colloquia invited talk, November, 2011.

Imagine Greater Tucson regional planning process, expert panel member for scenario review. October, 2011.

Low Impact Development Workshop, invited facilitator, the City of Tucson. April, 2011.

“Post-occupancy evaluation of sustainable and conventional suburban neighborhoods.” Lightening talk, Biosphere/UA ADVANCE Data Blitz: Presentation to the general public. April, 2011.

**Professional Meeting Papers, Workshops, Showings, Recitals:** (provide date and location)

**Grants and Contracts Awarded:** (provide principal and co investigators, title, sponsor, funding dates, amount)

Redesign of the Craters of the Moon Picnic Area. Principal Investigator. Professional project for the National Park Service. Project involving one graduate assistant for 10 months. August 2017 – June 2018. Budget $9088.

*Rathrum Prairie Aquifer Future Water Demand Study and Integrated Water Management Plan.* Principal investigator with Mark Solomon, IWRRI Report to the Idaho Water Resources Board. Project involving two graduate assistants at 0.25 FTE for 6 and 12 months. July 2014-July 2015. Budget $201,000.

*Interpretive Walk and Ethnographic Report for the Townsite of Helvetia, AZ.* For the Lowell Mineral Research Institute, the University of Arizona. Service-learning contract involving two graduate assistants at 0.25 FTE for 6 months. February, 2013. Budget $18,000.

*Landscape Design for Entry Signage.*  For Rosemont Copper Co., Service-learning contract supporting two graduate assistants at 0.25 FTE for one semester. February, 2012. Budget $11,549.

*Pump Station Landscape and Aesthetic Design Guidelines.*  For Rosemont Copper Co., Service-learning contract supporting two graduate assistants at 0.25 FTE for one semester. August, 2011. Budget $24,000.

*Post-occupancy Assessment of Sustainable Development Strategies in Community Design*. Principal investigator. Pilot project to develop comparative analytical methods measuring effectiveness of sustainable development strategies. Budget $10,000. UA Foundation, August, 2010.

*Pioneer’s Home Cemetery Master Plan*. Service contract for the Prescott Pioneer’s Home. September, 2008. Budget $6,000.

*Design for Upgrade of Picnic Grounds and Day Use Areas, Chiricahua National Monument.* Service contract with the National Park Service through the Desert Southwest Cooperative Ecosystems Studies Unit. July 2008. Budget $7,321.

**Honors and Awards:**

2012 American Society of Landscape Architects Sierra Chapter “President’s Award.” Nevada Department of Transportation Statewide Landscape and Aesthetics Corridor Plan .

2012 American Society of Landscape Architects Sierra Chapter Honor Award in the “Visionary / Unbuilt” category. Nevada Department of Transportation Statewide Landscape and Aesthetics Corridor Plan .

2008 American Society of Landscape Architects Nevada Chapter “Project of the Year” and “Plan­ning Project of the Year” categories. *Landscape and Aesthetic Corridor Plan for US 93, East US 6 and East US 50 Corridor, Nevada State Highway System.*

2007 Fielden Medal of Honor for Excellence in Teaching. School of Architecture, University of Nevada, Las Vegas.

2007 American Planning Association Nevada Chapter “Regional Planning Award.” *Landscape and Aesthetic Corridor Plan for US 395, West US 50, SR 28, SR 207 and SR 431 Corridor, Nevada State Highway System.*

2006 American Society of Landscape Architects Nevada Chapter “Planning Project of the Year”: *Landscape and Aesthetics Corridor Plans for Western Nevada (US 395, West US 50, SR 28, SR 207 and SR 431 Corridor; Central US 95, West US 6, and Central US 50 Corridor; and Southern US 95 and US 93 Corridor.*

2005 American Society of Landscape Architects Nevada Chapter “Project of the Year”: *Landscape and Aesthetics Corridor Plans: Interstate 15 and Interstate 80.*

2003 American Planning Association Nevada Chapter “Outstanding Plan”: *Pattern and Palette of Place: a Landscape and Aesthetics Master Plan for Nevada’s State Highways.*

**List of Collaborators on Grants and Publications in Last 5 Years**

Katherine Krazewska, co-PI, Mississippi State University, (2015). EPA-OW-IO-15-01 Urban Waters Small Grants proposal. Not awarded.

Mark Solomon, co-PI, IWRRI, University of Idaho, Moscow, ID (2014). Rathdrum Prairie Aquifer Future Water Demand.

Barbara Cosens, co-PI, Craig Allen, co-PI, (2014) NSF 14-534 Proposal Building Sustainability In Mid-Sized Cities Through Integrated Resilience And Governance. Not awarded.

Howard (Randy) Gimblett, University of Arizona, Tucson, AZ (2012). Sonoran Institute / Western Lands and Communities Applied workshops and interdisciplinary studio courses grant proposal. Not awarded.

Karen C. Hanna, California State Polytechnic University, Pomona, CA (2011 - 2012). Survey of Geodesign in Higher Education (2011-2012); book proposal.

Brian Lee, University of Kentucky, Lexington, KY (2011) Survey of Geodesign in Higher Education

**SERVICE:**

**Major Committee Assignments:** (National, State, District, County, University, College, Departmental and dates)

UI Landscape Architecture Program Head, 2017 - present.

University of Idaho Faculty Hearing Board. 2017-2020.

University of Idaho Multi-Campus Communications Committee. 2014-2020.

University of Idaho Water Resources Task Force. 2015-2017.

Landscape Architecture Program liaison with State Board of Landscape Architects, 2015-2018.

College of Art and Architecture faculty search committee member for Associate /Full Professor of Landscape Architecture and Program Chair, University of Idaho, Moscow. 2016-17.

EPSCOR Evolutionary Game Theorist Assistant/Associate/Full Professor search committee member. 2014-16.

College of Art and Architecture faculty search committee member for Associate Professor of Landscape Architecture and Program Chair, University of Idaho, Moscow. 2014-15

Idaho Water Resources Research Institute Internal Advisory Board, College of Art and Architecture Representative, University of Idaho. 2013-2015.

College of Art and Architecture faculty search committee member for Associate Professor of Landscape Architecture and VTD, University of Idaho, Moscow. 2013-14.

College of Art and Architecture faculty search committee member for Associate Professor of Architecture at the Urban Design Center, University of Idaho, Boise. 2013-2014.

University Hearing Board, the University of Arizona. Term: 2011-2013

College Curriculum Committee, Member, College of Architecture, Planning and Landscape Architecture, the University of Arizona. 2011- present.

Reviewer, UA Foundation Faculty Seed Grant Proposals, 2012. Review of 10 proposals.

Dean’s Faculty Advisory Committee, member , College of Architecture and Landscape Architecture, the University of Arizona. 2011 - 2012

School of Landscape Architecture and Planning Curriculum Committee, chair, College of Architecture and Landscape Architecture, the University of Arizona, fall 2010. Initial review of opportunities to integrate landscape architecture and planning courses.

Graduate student applicant review, member, School of Landscape Architecture & Planning.

College of Architecture and Landscape Architecture faculty search committee member for two Assistant Professor of Planning positions. University of Arizona. 2009-2010.

Integrated Practice Technology Task Force, chair, College of Architecture and Landscape Architecture, the University of Arizona. 2009 - 2010 Ad-hoc committee to prepare recommendations for the role of technology and computer facilities in cross-disciplinary integration of curriculum in the college.

Technology committee, member, College of Architecture and Landscape Architecture, the University of Arizona. 2008 - present Recommendations for computer facilities, software, etc.

**Professional and Scholarly Organizations** (including memberships, committee assignments, editorial services, offices held and dates)

State Street Corridor Transit Oriented Development, Citizen’s Advisory Committee (invited member). 2017-2018. Multi-agency planning project (City of Boise, City of Garden City, City of Eagle, ACHD, Ada County, Canyon County, CCDC, Valley Regional Transit, COMPASS.)

American Society of Landscape Architects, Idaho-Montana Chapter, Professional Liason to University Programs. 2017 – present.

Urban Land Institute, Boise / ID chapter. Invited facilitator, Moving People First Summit, April 2015.

Council of Educators in Landscape Architecture Committee on Communications and Outreach. 2012.

Reviewer of conference papers and abstracts for the 2012 Council of Educators in Landscape Architecture annual conference, 2012 - 2016. Review of six abstracts and two papers per year.

**Outreach Service:** (Including popular press, interview articles, newspaper articles, workshops-seminars-tours organized, Extension impact statements)

Interviewed by Ryan Smith, for “GIS Skills Wanted,” *Landscape Architecture Magazine*, 2012, 102:3 (44-50).

“When Development Comes: A Group of UA Grad Students Offers Ideas on the Future of Tangerine Rd,” B.J. Peterson, *Tucson Weekly*, April 12-18, 2012

AZPM *Arizona Illustrated* interview, September 27, 2011: <http://www.azpm.org/news/story/2011/9/27/1830-ua-hopes-to-humanize-downtown-tucson/>

**Community Service**:(non-academic unrelated to employment)

Broadway Project Citizen Task Force appointee representing alternative transportation modes. The Broadway CTF is a 13 member stakeholder group convened to participate in a 2-year planning and design process for the $72 M Broadway Boulevard expansion / multimodal redesign in Tucson, AZ. Term: June 2012 - June 2014.

Tucson - Pima County Bicycle Advisory Committee, Ward 6 Appointee of Councilman Steve Kozachik. November, 2010 - 2013. Serve also on Executive and Facilities subcommittees.

Imagine Greater Tucson, invited panel member, expert planning scenario reviewer, 2011-2013.

Living Streets Alliance, advisory board member, 2011 - 2013. A non-profit organization promoting community improvements and programs to promote walking and biking in Tucson, AZ.

Urban Land Institute Young Leaders (Tucson) Community Outreach, landscape improvements for several local community centers, Tucson, AZ. 2010-2012.

Rebuilding Tucson Together, Romero Residence, preliminary landscape plan, Tucson, AZ. November, 2010.

Bita hochee Trading Post Restoration, Indian Wells Chapter, Navajo Nation, Arizona. 2008-2009. Follow up to Drachman Institute plan for Bita hochee.

Rio Hardy Eco-Camp Design and Restoration, Baja California Norte, Mexico. Revegetation and conceptual campground design. In conjunction with the Sonoran Institute. 2007.

Boys and Girls Town Landscape Redesign, North Las Vegas, NV. 2007. With the UNLV student chapter of ASLA.

Charleston Community Pedestrian Plan, Coos County, OR. 2005. Developed in conjunction with the Charleston Community Economic Development Corp., the Charleston Marina of the Port of Coos Bay, and the South Slough National Estuarine Reserve.

**Honors and Awards:**

**PROFESSIONAL DEVELOPMENT:** (workshops and seminars attended)

**Teaching:**

**Scholarship:**

Automated Geospatial Watershed Assessment (AGWA) Tool Training Workshop, March 16-17, 2017. Presented by USDA Agricultural Research Station and University of Arizona Department of Natural Resources ARTLab. A two-day training course providing an introduction to the AGWA tool that parameterizes and runs two watershed runoff and erosion models: KINEROS2 and SWAT. The AGWA tool has been designed to investigate the hydrologic impacts of land cover/land use change.

**Outreach:**

**Administration/Management:**