

Philip J Speranza, AIA

Assistant Professor of Architecture, University of Oregon

Assistant Professor

Department of Architecture
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Principal

Speranza Architecture + Urban Design
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EDUCATION

Columbia University, Graduate School of Architecture, Planning and Preservation, New York, NY
Master of Architecture, 2002

Graduation Award in Technology, Final Studio Award Selection

University of Virginia, School of Architecture, Charlottesville, VA

Bachelor of Science in Architecture, Minor in Philosophy, 1997

ACADEMIC POSITIONS

University of Oregon, Eugene, OR (Assistant Professor 2011-2019, 2019-present)

Associate Professor, With Tenure, Department of Architecture

Universitat Politecnica de Catalunya, Barcelona Tech, Barcelona, Spain (Winter 2015)

Visiting Professor, Escola Superior d'Arquitectura de Barcelona, Department of Architectural Projects

Visiting Researcher, LMVC, Laboratory of Virtual Modeling of the City, with Josep Roca

New Jersey Institute of Technology, Newark, NJ (2008-2011)

Adjunct Instructor, College of Architecture and Design

Columbia University, Graduate School of Architecture, Planning and Preservation (2001-2002)

Graduate Teaching Assistant: Building Systems I and II

Barnard College, Undergraduate Program (2001)

Studio Teaching Assistant: Perceptions of Architecture Introductory Design Studio

REGISTRATIONS

State of New York, Registered Architect, No. 029490, 2003- present

State of California, Registered Architect, No. 30274, 2005- present

State of New York, Registered Architect, No. 029490, 2003- present

MEMBERSHIPS

American Institute of Architects, No. 38625424, 2016-present

EDRA, Environmental Design Research Association, Member, 2012 and 2017 to 2019

ACADIA, Association of Computer Aided Design In Architecture, Member, 2011, 2015-2016

LEED-NC, BD+C, Accredited Professional, No. 10267169, 2008-2010

NCARB Certificate, No. 102694, 2003

CITI, Human Research Curriculum, No. 4056864, 2014

BOOK CHAPTERS

* Double-Blind Peer-Reviewed, ** By Invitation

* Speranza, P. and Germany, J (2016), "Assembly, Space and Things: Urban Food Genome, Urban Interaction and Bike Share," ***Enriching Urban Spaces with Ambient Computing, the Internet of Things, and Smart City Design***, Co-Edited by Shin'ichi Konomi and George Roussos, Hershey, Pennsylvania: IGI Global, pp. 46-66
ISBN: 9781522508274

* Speranza, P. and Prager, B (2016), "Business fabric and Place, a Methodology to Measure Business Identity in Barcelona's New Superilles" ***Strategic Place Branding Methodologies and Theory for Tourist Attraction***, Co-Edited by Can Usley and Ahmet Bayraktar, Pennsylvania: Hershey, IGI Global, pp. 157-180,
ISBN13: 9781522505792

** Franck, K and Speranza, P, (2015) "Food, Time and Space: Mobile Cuisine in New York and Portland," ***Ethno-Architecture and the Politics of Migration*** Edited by Mirjana Lozanovska, London: Routledge Press, pp 181-198, ISBN 978-1138828711.

* Speranza, P. (2015) "Case A: Place Branding from the Bottom-Up: Strengthening Cultural Identity Through Small-Scaled Connectivity with Cultural Entrepreneurship" In: Go F.M., Lemmetyinen A., Hakala U. (eds) ***Harnessing Place Branding Through Cultural Entrepreneurship***, London: Palgrave MacMillan, Previously presented as "Place Branding from the Bottom Up: Strengthening Cultural Identity through Small-Scaled Connectivity" Proceedings of Roots | Politics | Methods Conference 2012, Utrecht, NL, London: Emerald Publishers, pp. 99-121, ISBN 978-1-137-46516-0.

* Franck, K. and Speranza, P (2013) "Remembering Those Who did Not Come Home: Challenges of Designing September 11 Memorials in New Jersey", ***Recovering 9/11 in New York*** edited by Robert Fanuzzi and Michael Wolfe, 2013, Cambridge: Cambridge Scholars Press. Previously presented at peer reviewed conference presentation: *Making Meaning of 9/11: Local Impacts, Global Implications*, St. John's University, August 2011.

BOOK CHAPTERS IN PROGRESS

* Double-Blind Peer-Reviewed, ** By Invitation

Speranza, P. (NP), "Measuring and Visualizing Urban Public Space: The Potential of the Digital," ***Routledge Handbook of Public Space Use, Design, and Management***, Editors Karen Franck and Te-Sheng (Emery) Huang, Routledge Press (In Progress)

JOURNAL ARTICLES

* Double-Blind Peer-Reviewed, ** By Invitation

* Speranza, P. (2018) "A human-scaled GIS: measuring and visualizing social interaction in Barcelona's Superilles", *Journal of Urbanism: International Research on Placemaking and Urban Sustainability*, Vol. 11, Iss. 1, 2018, Published online: 14 Jul 2017, pp. 41-62.

Germany, J.O.; Speranza, P.; Anthony, D. (2019). "Eliciting Public Display Awareness and Engagement: An Experimental Study and Semantic Strategy" – *The International Journal of Human Computer Interaction*, Volume 35, Issue 20, pp. 1975-1985.

* Speranza, P. (2015) "Using Parametric Methods to Understand Place in Urban Design Courses" *Journal of Urban Design*, Special Issue on Emerging Pedagogy, London: Routledge, pp. 661-689.

** Speranza, P. (2015) "Time as a Medium, The Early Work of Enric Miralles," *Architecture Design (AD)*, *Architecture Timed*, edited by Karen Franck, London: Wiley, pp. 60-65.

* Speranza, P. and Viader M. (2015), "High Resolution Air Quality and Urban Design," *International Journal of Design Sciences and Technology*, Special Issue Europa 2014, EIA-14, Editors: Reza Beheshti and Khaldoun Zreik, Paris: Europa Production, Volume 22, No. 1, 2015, 133-151. (Previously presented at Europa.14, Sustainable Places: Architecture, City and Information Design Conference 2014, October 1-3, 2014, Nice, FR.)

CONFERENCE PROCEEDINGS

* Full Paper Double-Blind Peer-Reviewed, # Abstract Double-Blind Peer-Review

- * Speranza, P. (2019) "Placing Atmosphere: Designing with a Client's Perception of Atmosphere in Mind in Architecture and Urban Design," Proceedings of the **Environmental Design Research Association Annual Meeting 2018**, EDRA, May 22-26, 2019, Brooklyn, New York.
- * Speranza, P. (2018) "Atmosphere InFormed: Design Awareness of Small-scale Differences of Atmosphere in Architecture and Urban Design," Proceedings of the **Environmental Design Research Association Annual Meeting 2018**, EDRA, June 6- 9, 2018, Oklahoma City: Oklahoma. **Best Paper Award 2018**
- * Speranza, P. and Maher, S. (2017) "Social 'Coding:' Urban Processes and Socio-Computational Workflow," Proceedings of the **Environmental Design Research Association Annual Meeting 2017**, EDRA, May 31-June 3, 2017, Madison: Wisconsin.
- * Speranza, P (2016) "Urban Ecological Interaction: Air, Water, Light and New Transit at the Human Scale of Barcelona's Superilles" Proceedings of 18th **International Conference on Advanced Urban Designing and Transportation 2016**, ICAUDT, December 12-13, 2016, Barcelona: Spain.
- * Speranza, P (2016) "Social Interaction and Cohesion Tool: Integrating Socio-Computational Design in Urban Ecology for Barcelona's Superilles," Session: Urban Knowledge in Architectural Education, *Proceedings of Association of Collegiate Schools of Architecture Annual Meeting 2016*, ACSA, Seattle, Washington.
- * Speranza, P., Keisler, K. and Mai, V. (2015) "Social Interaction and Cohesion Tool: A Geospatial Analysis Tool to Develop Small Urban Planning for Barcelona's Superillas" *Computational Ecologies: Design in the Anthropocene*, **Association of Computer-Aided Design in Architecture Conference 2015**, ACADIA, October 19-25, 2015, Cincinnati, Ohio.
- * Speranza, P. and Maher, S. (2015) "Ethnicity and Parametric Urban Design: Survey and Coding Data for Geospatial Understanding of Food Carts and Trucks in Portland and New York," Conference Proceedings for the **International Conference of Connected Smart Cities**, July, 2015, Las Palmas Gran Canaria, Spain.
- * Germany, J. and Speranza, P. (2015) "Street Portals: User Interface for Bike Share," Conference Proceedings for the **International Conference of Connected Smart Cities**, July, 2015, Las Palmas Gran Canaria, Spain.
- * Speranza, P. (2014) "'Attachment' As Agency In Off-Site and On-Site Indicators of Phenomena in Geospatial Urban Analysis Tools," *Design Agency*, **Association of Computer-Aided Design in Architecture Conference 2014**, ACADIA, October 20-23, 2014, Los Angeles, California.
- * Germany, J. and Speranza, P, and Anthony, D. (2014) "Public vs Private Space: Exploring Private Interactions in Street-Level Displays," **Industrial Designers Society of America 2014**, IDSA, Education Symposium Proceedings, Austin, Texas, idsa.org.
- * Speranza, P. (2014) "Open Parametric Tools Using Off-Site and In-Situ Data in Urban Design," **EuropiA.14, Sustainable Places: Architecture, City and Information Design Conference 2014**, October 1-3, 2014, Nice, France.

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CONFERENCE PROCEEDINGS CONT.

* Full Paper Double-Blind Peer-Reviewed, # Abstract Double-Blind Peer-Review

* Speranza, P. (2013) "Parametric Places 22@: Smart Urban Analysis Tools and Place Branding Value," **Green Design, Materials and Manufacturing Processes**- Bartolo et al. Taylor & Francis, London, ISBN 978-1-138-00046-9, Previously presented at Sustainable Intelligent Manufacturing Conference, June 12, 2013, Lisbon, PT.

* Speranza, P. (2012), "Cities from the Bottom-Up: 22@ Planning, Small-Scale Cultural Interventions as Connectivity" *CHANGE, Architecture, Education, Practices*, Proceedings of the **Association of Collegiate Schools of Architecture International Conference 2012, ACSA**, Barcelona, Spain

Speranza, P. (2012), "Catalan Nation Building and Bottom-Up Placemaking: Placemaking and Barcelona Coastal Redevelopment in the 22@" *International Association for the Study of Traditional Environments*, "The Myth of Tradition," Vol. 24.1, 2012 Traditional Dwellings and Settlements Working Paper Series.

CONFERENCE PRESENTATIONS

* Peer-Reviewed, ** By Invitation, # Abstract Peer-Review

** Franck, K., Speranza, P., Jones, J., and Paxson, L. (2012) "New Jersey's September 11 Memorials: A Lens into Urban Relationships" part of "Memorials and the Making of Meaning," EDRA 43 Seattle: Emergent Placemaking: Proceedings of the **43rd Annual Conference of the Environmental Design Research Association, EDRA**, pp 255-256, Seattle, WA. **

Speranza, P. (2011) "22@ Generative Planning, Small-Scale Cultural Interventions as Connectivity," *Generative Process, Patterns, and the Urban Challenge*, Proceeding of the **Portland Urban and Architecture Research Lab Bi-Annual Conference, PUARL**, pp. 239-246. * (Abstract Reviewed Submission)

* Speranza, P. (2012) "Exploiting the Site for Creating Healthy Communities: An Architect's View from the Bottom Up," **40th Making Cities Livable Publication**, Healthy Planning & Urban Design: International Perspectives, issue 73, Portland, OR. * (Abstract Reviewed Submission)

PUBLIC EXHIBITIONS

- May 2016 **City of Eugene, Cultural Services and Planning**, Hult Center for the Performing Arts Gallery, Eugene, OR
"Hult Plaza and Downtown Urban Design Study, Professional Application of the Social Interaction Tool"
Speranza Architecture + Urban Design related to professional services for the City of Eugene. May 5 -19, 2016
- January 2015 **Watershed Gallery**, Watershed Building, Eugene, OR
"The City as I See It – EWEB Waterfront Master Plan, SEED Maker Space and Eugene Public Food Market"
Speranza Architecture + Urban Design related to professional services for Three Muses Development Group
- November 2014 **Smart City Expo World Congress 2014**, Fira Center Gran Via, Barcelona, Spain
"Urban Air Pollution Analysis and Unmanned Aerial Vehicle"
Urban Design & Computing Lab, UD&CL with Marc Viader
- April 2007 **Graduate School of Design, Harvard University**, Gund Hall
"Loeb Fellow Exhibit" with artist Janet Echelman

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RESEARCH GRANTS AND AWARDS

* Double-Blind Peer-Reviewed

- Winter 2020 **Networked Public Space: Prototyping civic infrastructures and the IoT**, Strategic Investment Funding (SIF) University of Virginia Award, External Collaborator University of Oregon (National Science Foundation application in progress for additional funding jointly University of Virginia and University of Oregon).
- Spring 2018 * **Environmental Design Research Association, EDRA 49 “Equity by Design” 2018 Best Paper Award (tied)**, “Atmosphere Informed: Design Awareness of Small-scale Differences of Atmosphere in Architecture and Urban Design”
- Winter 2019 **Norval UnThank Sponsored Studio Award**, Dept Architecture, University of Oregon, \$5000
- Winter 2019 **Chambers Development Corporation**, Studio Sponsorship, \$3600
- Spring 2015 **University of Oregon, School of Architecture and Allied Arts, Dean’s Award**, “Social Interaction and Cohesion Tool – Comparative Data Collection Portland / Barcelona, Portland Data Collection,” \$4,500.
- Fall 2013 **National Institute of Transportation and Communities, OTREC, Small Grant Starts Award**, “Street Portals, Urban User Interface ‘Test Bed’ Prototype for Bike Shares,” with Jason Germany, \$13,678.00. *
- Fall 2013 **University of Oregon, Digital Scholarship Center Strategic Partner Award**, 3 terms, 0.49 FTE Graduate Research Assistant
- Winter 2013 **Department of Architecture**, Finrow Studio Enhancement Award, \$5,000
- Spring 2013 **Department of Architecture**, Graduate Research Assistant Award, 1 term, 0.3 FTE
- Fall 2012 **Center of Diversity and Community**, University of Oregon, Program Award, \$1,300

PROFESSIONAL AWARDS

* Peer-Reviewed, ^ International Blind Peer Review

Energy Trust of Oregon 2019 Net Zero Emerging Leaders Grant, Speranza Architecture + Urban Design, four month internship grant and 2030 Challenge fulfillment.

^ **The American Institute of Architects, Southwest Oregon Chapter**, 2015-2018 Chapter Award Honor Award, Push Pull House

^ **The American Institute of Architects, Southwest Oregon Chapter**, 2015-2018 Chapter Award Citation Award, Hult Center for the Performing Arts Plaza Renovation Study

^ **The American Institute of Architects, Southwest Oregon Chapter**, 2015-2018 Chapter Award Citation Award, Eugene Public Food Market Study

^ **The American Institute of Architects, Southwest Oregon Chapter**, 2015-2018 Chapter Award Citation Award, Birch Fircrest House

* **The American Institute of Architects, Southwest Oregon Chapter**
2016 Colleague’s Choice Award (voted by AIA and ASLA members)

The American Institute of Architects, Southwest Oregon Chapter
2016 People’s Choice Award for Single Family Residential (voted by the public)

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INVITED LECTURES AND ROUNDTABLES

- April 2018 **American Institute of Architects, Southwest Oregon Chapter**, presenter “Current Technology”
- May 2017 **American Institute of Architects, Seattle Chapter**, Invited Panelist for “People, Process, Tools,” Future-Ready Building: Disruptive Technology & Data-Driven Design, “Design for the Human-scale”
- November 2016 **American Collegiate Schools of Planning**, Annual Meeting 2016, Portland, Oregon
“Urban Design Pedagogy” Roundtable Discussion #852, Nov. 3, Moderated by Taner Oc, *Journal of Urban Design*
- June 2015 **NBBJ**, Seattle, Washington
“Local Attachment: Urban Sociology and Robotic Computational Coding, Social Interaction and Cohesion Tool,”
Computation Lecture Series 2015
- May 2013 **Portland State University**, Portland, Oregon
“Bottom Up Urban Design: Frameworks for Participation through Urban Systems Analysis Tools”
- May 2013 **American Institute of Architects, SWO**, ARCHITALK Design Spring, Eugene, Oregon
“From Context to Attachment”
- Sept 2011 **University of Oregon**, School of Architecture and Allied Arts, Eugene, Oregon
“New Jersey’s September 11 Memorials: A View to Urban Relationships.”
- April 2009 **Smith College**, Department of Art + Department of Landscape Studies, Northampton, Massachusetts
“Oranges and Lemons” with James Middlebrook, Director of Architectural Studies
- Mar 2006 **Kansas State University**, College of Architecture and Planning, Manhattan, Kansas
“Nature rePLACED: A Vista Lejana

CREATIVE PRACTICE

Speranza Architecture + Urban Design, Principal, Eugene, Oregon

- 2016 – present **Birch Fircrest House, 3,000 sqft, private residence**, Eugene, OR (In construction)
New dwelling designed with Grasshopper Lady thermodynamic analysis. Remote sensing was used for topographic analysis of high-sloping basalt site. Temperature, light and acoustic values currently measured.
- 2017 – 2021 **Hudson House**, 3,000 sqft private residence, Hyde Parke, NY (Completed 2021)
New dwelling designed with Arduino sensor micro-climate platform and Grasshopper Ladybug thermodynamic analysis for passive cooling from site to house.
- 2019 - present **Kesey Farm Project Master Plan**, Pleasant Hill, OR (In Site Plan Review)
Master plan for a 6 acre artist in residence for site planning and three new structures: gallery/archive, 2) residence and 3) shop / industrial kitchen. Research application included GIS mapping through the use of custom Arduino sensor kits for temperature, humidity, sound and light.
- 2019 **Master Plan and Concept Study**, Springfield, OR
Design concept planning for a two block area in Springfield, OR for a developer client. This concept feasibility study studied massing, street grid and urban design for uses including office, residential, commercial and open space. Social Interaction Tool was used fifty indicators. Custom Arduino based sensor arrays of nine locations.
- 2018 – 2019 **260 Ferry Street Warehouse**, 16,000 sqft mixed-use, Eugene, OR (currently in Design Development)
Cross laminated timber, CLT, adaptive reuse of commercial, office and residential uses gateway project for downtown Eugene. Social Interaction Tool and remoting sensing methods used for urban design and architecture.
- 2015 **Hult Performing Center for the Performing Arts Public Plaza, Urban Design Study**, Eugene, OR (Study)
Urban analysis and plaza design. Application of Social Interaction and Cohesion Tool and stakeholder interviews.
- 2015 - 2016 **Push | Pull House**, 2,000 sqft caretaker's residence, Veneta, OR, (Completed 2016)
Replacement dwelling on 250 acre site, using Grasshopper Elk and Ladybug for site and energy analyses.
* AIA SWO, 2016 Colleague's Choice Award * (peer-review voting by AIA and ASLA members)
* AIA SWO, 2016 People's Choice Award for Single Family Residential
- 2015 **The Whit East, Urban Design Study**, 12,000 sqft mixed-use adaptive-reuse building, Eugene, OR
Pre-design and urban design planning.
- 2015 **The Whit Garden, Urban Design Study**, 4,000 sqft mixed-use adaptive-reuse building, Eugene, OR
Basic architectural services and planning review for office, restaurant and residential space.
- 2013 – 2014 **SEED, Urban Design Study**, 60,000 sqft Maker Building and Planning, Eugene, OR
Urban Design Proposal for three stated goals: 1) Programming for Eugene's Next Generation; 2) Community Connectivity and Urban Form and 3) Performative Design Leadership
- 2014 **Eugene Public Food Market Proposal**, 46,000 sqft Adaptive reuse and new 10,000 sqft tower, part of 18 acre EWEB Waterfront RFQ Submission with Dan Neal Development, Eugene, OR, 2014 Urban Analysis Proposal for three stated goals: 1) Eugene's Food Identity; 2) Neighborhood Civic Center and 3) Design Leadership and Adaptive Reuse. Design of responsice LED for electric and water phenomena.
- 2013 **Civic Hydrology**, Gowanus Water Works Competition Entry, Brooklyn, NY, with I Kostic and B Nagyen
Urban infrastructure solution of water capacity of soil and streets in catastrophic events to return urban form to original hydrology condition. Program responds to need for a water treatment facility and community center.

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TEACHING, COURSES - (M: Masters; B: Bachelor)

University of Oregon, Eugene and Portland, Oregon (2011-present) (all website link passwords: Speranza)

- 2020-21 ARCH 222 Intro to Computing (Design Communication II), B (Spring 2021)
ARCH 4/584 Int Architectural Design I, Fine-Grained Urbanism, M/B (Winter 2021)
ARCH 423/523 Intermediate Media – “Granularity of Time,” M/B (Fall 2020)
ARCH 610 Intro to Computing (Design Communication II), M (Fall 2020)
- ARCH 423/523 Intermediate Media – “Shared Streets,” M/B (Summer 2020)
- 2020-19 ARCH 222 Intro to Computing (Design Communication II), B (Spring 2020)
- 2018-19 ARCH 222 Intro to Computing (Design Communication II), B (Spring 2019)
ARCH 4/584 Int Architectural Design I, “Grit Studio”, M/B (Winter 2019)
ARCH 423/523 Intermediate Media - “Parametric Places, Data Making + Public Space” M/B (Winter 2018)
ARCH 610 Intro to Computing (Design Communication II), M (Fall 2018)
- ARCH 488/588 Media for Design Development (ARCH 423/523) (Summer 2018)
ARCH 488/588 Contemporary Urban Design in Barcelona (ARCH 410/510) (Summer 2018)
ARCH 488/588 Urban Sensing Robotics (ARCH 408/508) (Summer 2018)

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TEACHING, COURSES - (M: Masters; B: Bachelor)

University of Oregon, Eugene and Portland, Oregon (2011-present) (all website link passwords: Speranza)

- 2017-18 ARCH 222 Intro to Computing (Design Communication II), B (Spring 2018)
ARCH 286 Introductory Design Studio, B (Spring 2018)
ARCH 423/523 Intermediate Media - "Atmosphere + Design" M/B (Fall 2017)
ARCH 610 Intro to Computing (Design Communication II), M (Fall 2017)
- ARCH 488/588 Media for Design Development (ARCH 423/523) (Summer 2017)
ARCH 488/588 Contemporary Urban Design in Barcelona (ARCH 410/510) (Summer 2017)
ARCH 488/588 Urban Sensing Robotics (ARCH 408/508) (Summer 2017)
- 2016-17 ARCH 4/586 Adv Architectural Design II, (Comprehensive Studio) M/B (Spring 2017)
ARCH 222 Intro to Computing (Design Communication II), B (Spring 2017)
ARCH 4/585 Adv Architectural Design I, M/B (Comprehensive Studio) (Winter 2016)
ARCH 610 Intro to Computing (Design Communication II), M (Fall 2016)
- ARCH 488/588 Media for Design Development (ARCH 423/523) (Summer 2016)
ARCH 488/588 Contemporary Urban Design in Barcelona (ARCH 410/510) (Summer 2016)
ARCH 488/588 Urban Sensing Robotics (ARCH 408/508) (Summer 2016)
- 2015-16 ARCH 222 Intro to Computing (Design Communication II), B (Spring 2016)
ARCH 423/523 Intermediate Media - "Parametric Places, Data Making + Public Space" M/B (Winter 2016)
ARCH 681 Introductory Design Studio. - "Technology Startup Space," M (Fall 2015)
ARCH 610 Intro to Computing (Design Communication II), M (Fall 2015)
- ARCH 488/588 Media for Design Development (ARCH 423/523) (Summer 2015)
ARCH 488/588 Contemporary Urban Design in Barcelona (ARCH 410/510) (Summer 2015)
ARCH 488/588 Urban Sensing Robotics (ARCH 408/508) (Summer 2015)
- 2014-15 ARCH 222 Intro to Computing (Design Communication II), B (Spring 2015)
ARCH 423/523 Intermediate Media - "Parametric Places, Data Making + Public Space" M/B (Winter 2015)
UPC University Polytechnic of Catalunya, - Design 5 - Visiting Professor, B (March 2015)
ARCH 681 Introductory Design Studio. - "Maker Space," M (Fall 2014)
ARCH 610 Intro to Computing (Design Communication II), M (Fall 2014)
- ARCH 488/588 Media for Design Development (equivalent to ARCH 423/523) (Summer 2014)
ARCH 488/588 Contemporary Urban Design in Barcelona (equivalent to ARCH 410/510) (Summer 2014)
- 2013-14 ARCH 423/523 Intermediate Media Elective - "Parametric Places, Social Data Tools" M/B (Spring 2014)
ARCH 222 Intro to Computing (Design Communication II), B (Spring 2014)
ARCH 484/584 Intern. Studio - "Measured Attachment: Big Data and Urban Design," PDX M (Winter 2014)
ARCH 610 Intro to Computing (Design Communication II), M (Fall 2013)
- ARCH 488/588 Media for Design Development (equivalent to ARCH 423/523) (Summer 2013)
ARCH 488/588 Contemporary Urban Design in Barcelona (equivalent to ARCH 410/510) (Summer 2013)

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University of Oregon, Eugene and Portland, Oregon (2011-present) (all website link passwords: Speranza)

- 2012-13 ARCH 222 Intro to Computing (Design Communication II), B (Spring 2013)
- ARCH 424/524 Advanced Media Elective "Parametric Places," M/B (Spring 2013)
- ARCH 484/584 Intermediate Architecture, "Place Branding of Public Service," Portland M (Winter 2013)
- ARCH 610 Intro to Computing (Design Communication II), M (Fall 2012)
- ARCH 484/584 Intermediate Architectural Design, "Public Use of Private Space" M/B (Fall 2012)
- ARCH 410/510 Advanced Media Tools, M/B (Fall 2012)

ARCH 488/588 Media for Design Development (equivalent to ARCH 423/523) (Summer 2012)
ARCH 488/588 Contemporary Urban Design in Barcelona (equiv. to ARCH 410/510) (Summer 2012)

- 2011-12 ARCH 222 Intro to Computing (Design Communication II), B (Spring 2012)
- ARCH 423/523 Advanced Media Elective "Parametric Places," M/B (Spring 2012)
- ARCH 682 Introduction to Graduate Design, M (Winter 2012)
- ARCH 610 Intro to Computing (Design Communication II), M (Winter 2011)
- ARCH 383 Architectural Design III, B (Fall 2011)

New Jersey Institute of Technology, Newark, NJ (2008-2011)

- 2010-11 ARCH 264: Design IV, Second-Year Architectural Design Studio, B (Spring 2011)
- ARCH 263: Design III, Second-Year Architectural Design Studio, B (Fall 2010)
- ARCH 155: Modes of Design Communication, B (Fall 2010)
- Summer ARCH Contemporary Urban Design, Barcelona, B
- ARCH 464, 664: Siena Graduate and Undergraduate Architecture Studio with Peter Land and Jim Dart, M/B
- 2009-10 ARCH 264: Design IV, Second-Year Architectural Design Studio, B (Spring 2010)
- ARCH 263: Design III, Second-Year Architectural Design Studio, B (Fall 2009)
- 2008-09 ARCH 264: Design IV, Second-Year Architectural Design Studio, B (Spring 2009)
- ARCH 263: Design III, Second-Year Architectural Design Studio, B (Fall 2008)

Columbia University, Graduate School of Architecture, Planning and Preservation (2001-2002)

- 2001-02 Graduate Teaching Assistant: Building Systems I, M (Fall 2001)
- Graduate Teaching Assistant: Building Systems I, M (Spring 2002)
- Teaching Assistant: Landscape Architecture, M (Spring 2002)

Columbia College / Barnard College, Undergraduate Program (2001)

- 2001 Teaching Assistant: Perceptions of Architecture Introductory Design Studio, B (Fall 2001)

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Award for Supervised Students, Barcelona Urban Design Summer Program 2016

Fall 2016 The American Institute of Architects, Southwest Oregon Chapter
2016 People's Choice Award for Student / Emerging Professional
Instructor of awarded students Betty Lou Poston, Chazandra Kern and Derek Rayle,

Thesis Advising

Spring 2012 Daniele Cohen, "*Thermal Comfort at the Borneo Rainforest Lodge*," Department of Architecture and the Robert D. Clark Honors, College Thesis, Professor Alison Kwok lead advisor.

Fall 2012-
Spring 2013 Danielle Walter, "*Community Driven Urban Design: Social Practice Tactics for Addressing Issues of the Built Environment*," Art and Administration Master's Thesis, Secondary Advisor.

Teaching, Guest Speaker

"Design and Public Interest" Oregon Leadership in Sustainability (OLIS), University of Oregon, Eugene, Oregon
October 24, 2014

"Time Informed" Presentation for Temporary Architecture, Dr. Karen Franck, New Jersey Institute of Architecture,
Newark, New Jersey, September 3, 2014

"Parametric Urban Design" in Lambin Rein, Xian Dai Visiting Architects seminar, Spring 2013

"From Context to Attachment: Works of Philip Speranza, Brook Muller's Sustainable Design Seminar, Spring 2013

"Digital Workflows, Work with Artist Janet Echelman 2001-10" Mark Donofrio's Workflows Seminar, Spring 2012

"Architectural Context, Work with Artist Janet Echelman" in Design and Use of Public Space, Arch 662-005;
Professor Karen A. Franck, New Jersey Institute of Technology, Newark, NJ, Fall 2011

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Master of Science in Architecture Advising

Winter 2020-present Selorm Fiatti, "A tool for retrofitting multi-story urban commercial buildings towards improving thermal performance in the tropical savannah climate: the case of Accra, Ghana and Miami, USA."

Independent Study Advising

Spring 2018 Megan Little, BLA student, "ArcGIS to Rhino Grasshopper Workflows" Spring 2018

Fall 2016 Miranda Sawyer, MArch, "GIS Parametric Urbanism Visualization of Fayetteville"

Spring 2016 Derek Rayle, MLA student, "Parametric Urbanism and Data Acquisition" Spring 2016
Alden Carr, MLA student, "Parametric Urbanism and Data Acquisition" Spring 2016
Daniel Matallana-Mejia, "Parametric Data Visualization" Spring 2016

Winter 2016 Craig Speck, MArch, "Advanced Urban Computing" Winter 2016
Betty Lou Poston, MArch, "Advanced Urban Computing" Winter 2016
Courtney Cisler, MArch, "Advanced Urban Computing" Winter 2016
John Maxson, MLA student, "Parametric Places" Winter 2016

Spring 2015 Stephen Maher, "Developmental Grasshopper Tools," Spring 2015

Winter 2015 Ryan Robert Kiesler, "Social Interaction and Cohesion Tool, Formulation" Winter 2015
Stephen Maher, "Parametric Urbanism Multi-Platform Workflow, GHPython," Winter 2015
Vincent Mai, "Social Interaction and Cohesion Tool, Visualization," Fall 2014

Fall 2014 Ryan Robert Keisler, "Social Interaction and Cohesion Tool, Visualization" Fall 2014
Jenna Pairelero, MArch, "Social Simulator and Agency of Ecological Urbanism," Spring 2014

Spring 2014 Gabriel Brown, PhD Student, "Porosity Urban Analysis Tool," Spring 2014
Benjamen Prager, MArch, "Digital Workflows and Architecture Production, Maya" Spring 2014
Adam Oswald, MArch, "Digital Workflows and Architecture Production, Maya" Spring 2014

Winter 2014 Jesse Alvizar, MArch, "Social Simulator and Agency of Ecological Urbanism," Winter 2014
Gabriel Brown, PhD Student, "Porosity Urban Analysis Tool, Grasshopper" Winter 2014
Erica Thompson, March I, "City Farming Tool Adaption to Shanghai," Winter 2014
Israel Ceja, MArch, "Arduino and Sound Coding," Winter 2014
Gilberto Villalobos, MArch, "Grasshopper and Tables Visualization with Human Plugin," Winter 2014
Wayne You, MArch, "Grasshopper Visualizations of Urban Dining Tool," Fall 2013, Winter 2014

Fall 2013 Tim Noui, MArch, "Sound Generation from Arduino Coding," Spring 2013
Eli Rosenwasser, MArch, "Light Generation from Arduino Coding," Spring 2013
Sahel Izado, MArch, "Rhino and Illustrator," Spring 2013

Spring 2013 Danielle Walter, Arts Admin, "Community Driven Urban Design: Social Practice Tactics for Addressing Issues of the Built Environment," Winter 2013

Winter 2013 Yin Yu, MArch, "Arduino Coding of Sound Recognition," Winter 2013
Aliza Tuttle, GEOG / Arch Minor, "Food Systems and Local Stakeholders, Local Deployment Study for Public Use of Private Space Installation," Winter 2013

Fall 2012 Carolyn Lieberman, BArch, "Urban Systems Planning and GIS, Eugene and Portland," Fall 2012

Spring 2012 Regan Greenhill, BArch, "22@7 Services," Spring 2012

Philip J Speranza, AIA

Assistant Professor of Architecture, University of Oregon

SERVICE

University of Oregon, Eugene and Portland, Oregon

Department of Architecture	Equity, Diversity and Inclusion, Chair 2020-21 Curriculum Committee, 2020-21 Outreach and Communication, 2020-21 Undergraduate Admissions, 2021 American Collegiate Schools of Architecture Faculty Councilor, 2015- present American Institute of Architects Liaison, 2017- present Lectures Committee, 2012- 2016, 2018-present (Chair 2012-14) Design Communication Task Force Committee, 2011-14 Urban Land Institute Student Design Competition Faculty Secondary Advisor, 2011-2012 Organized and hosts Fat Pencil studio and Sketchup workshop, 2018 Digital Media Graduate Work Hearth Room Installation, 2012 Digital Media Graduate Work End-of-Term Installation, 2012 Digital Media Work Undergraduate End-of-Term Installation, 2012 Digital Media Hub Weblogs, 2011-present
Dept. Arch. Student Group Fac. Advisor	KTISMA, A&AA Student Journal, Faculty Advisor, 2011-2019 Digital Media Collaborative, Student Group, Faculty Advisor, 2011-2018
College of Design School of Architecture and Allied Arts	College of Design Scholarship Committee, Spring 2018 Digital Media Task Force Committee, 2011-14 Educational Technologist Search Committee, 2011-12
University of Oregon	Campus Planning Committee, 2020-2024 Conflict of Interest Policy Revision Committee, 2018 Campus Technology Committee, 2012-2015 Schematic Design and Campus Planning Committee, Central Kitchen Campus, Spring 2013 and 2014

Peer Reviewer for Research Organizations

Technology | Architecture + Design, "Complexity Science-Based and AI-Aided Analysis of High-Density Urban Built Environments," Reviewer, 2021.

Journal of Urbanism: International Research on Placemaking and Urban Sustainability, "The form of the corner. An approach to a measure of visual interaction in the urban space of central Barcelona," Reviewer, 2020.

Journal of Urban Design International Review, "Urban Customisation and Response: exploring relationships between post-construction informality and the distribution of stationary pedestrian activities in the inception of popular public urban spaces," Reviewer 2020.

Journal of Urban Design, "Rethinking Design Studios as Integrative Multi-Layered Collaboration Environment," Reviewer 2019-20.

Journal of Urban Design, "Culture, Space, and Place: an inquiry into the urban landscape of multicultural cities," Reviewer, 2017-18.

Defining Landscape Democracy, A Path to Spatial Justice, Edited by Shelley Egoz, Karsten Jørgensen and Deni Ruggeri, Edward Elgar Publishing, forthcoming 2018. Chapter Reviewer, 2017.

"Landscapes in the Productive Void" *Spaces and Flows: An International Journal of Urban and ExtraUrban Studies*, Reviewer, 2017.

National Science Foundation, Peer Reviewer, International Symposium on Sustainable Human-Building Ecosystem, Reviewer, Fall 2015

"Factors Influencing Energy Consumption of Residential Buildings: A Review"; "Integrated Project Delivery and Total Building Automation for the nearly-net-zero-energy Q1 Thyssenkrupp Headquarter"; "Green Building Design 'As if People Mattered'"

International Journal of Sustainable Development & Planning, Fall 2015, "Improving Sustainable Enhancement of Cultural Heritage: Smart Placemaking for Experiential Paths in Pompeii," M. Sepe.

Urban Planning and Architecture Design for Sustainable Development, UPADSD 14-16, October 2015, Elsevier, Procedia: Social and Behavioral Sciences. Volume 213, Pages 1-1068 (1 December 2015), 20th International Scientific Conference "Economics and Management 2015 (ICEM-2015)" Edited by Edita Gimzauskiene, Kestutis Duoba, Xavier Pavie, Ashly Pinnington and Mantas Vilkas, Reviewer, 2015

City Branding Campaigns and Methods for Promoting Tourist Destinations, Co-Edited by Can Usley and Ahmet Bayraktar, Pennsylvania: IGI Global. Book Chapter Reviewer, 2015

ACSA 2012 Conference Review of "The Found Object in Design" and "Hybridized Digital Fabrication Techniques"

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Academic Service

Oregon Youth Scholars, University of Oregon – Volunteered for one-week course, summer 2020

Professional Service

American Institute of Architecture, Southwest Oregon Chapter – Board of Directors. Winter 2018 – present.

American Institute of Architecture, Southwest Oregon Chapter – Colleagues and People's Choice organizing committee member with role of website responsibility. Summer 2017 – present.

American Institute of Architects, Southwest Oregon Chapter, Design Excellence Committee, Spring 2013- 2017

Advisor to City of Eugene Downtown Way Finding Work Group project for signage and information display in public space. Winter 2014- 2015

Community Service

Kesey Family Art Residence, Voluntary Advising and Planning, Pleasant Hills, OR 2018

Advisor to Watershed Gallery Exhibits, Eugene, OR, 2014 and 2015

University of Oregon Food Pantry Installation Wednesday, May 22, 2013, Organized meetings for use in space and installation to provide free healthy foods and awareness of access to fresh foods. Related to GIS Study of USDA Food Dessert criteria with student Aliza Tuttle surveying % income below poverty level and food costs

Invited Guest Studio Reviewer

University of California, Intro to Environmental Design, Prof. Deni Ruggeri, 2021

University of Hawaii, Prof. Kevin Nute, 2020

University of California, Intro to Environmental Design, Prof. Deni Ruggeri, 2020

University of California, Berkeley, Data-Drive MArch Studio, Kyle Steinfield, 2014

Institute of Advanced Architecture of Catalunya, Barcelona, Spain, 2013 and 2014

Columbia University, Graduate School of Architecture, Planning and Preservation, X-Studio Brazil, 2011

State University of New York, Buffalo, Barcelona Program, Barcelona, Spain, 2010

University of Virginia, Charlottesville, VA, 2006

New York Institute of Technology, Long Island, NY, 2009

New York City College of Technology, Manhattan, NY, 2007

New Jersey Institute of Technology, Newark, NY, 2007

Harvard University, Graduate School of Design, 2007

Kansas State University, 2007

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PROFESSIONAL PRACTICE

Collaborations

- 2014-16 **Urban Design & Computing Lab**, Principal with Marc Viader
Air Pollution and Childhood Development Tool, PM Air Quality, 2014- 2016
- 2001-10 **Janet Echelman + Speranza Architecture**, Public Art Work and Urban Design
"Silver Lining, 2010," San Francisco International Airport, Terminal 2, San Francisco, CA, 2009-10
"Her Secret is Patience, 2009," Phoenix Downtown Civic Space, Phoenix, AZ, 2008-09
"Water Sky Garden, 2009," 2010 Vancouver Winter Olympics, British Columbia, Canada, 2007-09
"She Changes, 2005," Plaza Ciudade do Salvador, EU Public Art Commission, Porto, Portugal, 2001-05
- Sassi Speranza Architects**, Principal with Larry Sassi, 66 W. Broadway, Suite 306, New York, NY
Usonia Residence and Landscape Design, Mt. Pleasant, NY, 2006 (unbuilt)
- 2003-06 Bleeker Broadway Loft, New York, NY, 2005-06
Maywood Residence, Maywood, NY, 2003-04

Salaried Position

- 2004-06 **Carlos Zapata Studio**, New York, NY, *Project Architect and Project Manager*
Fontainebleau Resorts Casino and High-Rise Tower, SD+DD, \$2.5B Development, Las Vegas, NV
Mixed-Use High-Rise Master Plan Development, Reijkavik, Iceland
- 2002-03 **Steven Holl Architects** and **Kramer Woodard Architects**, New York, NY, *Project Architect*
Oceanic Retreat, Kauai, HI (unbuilt)
Turbulence House, NM
- 2000 **Carlos Ferrater i Lombarri (Currently OAB)**, Barcelona, Spain, *Project Architect*
AVE High Speed Intermodal Station, Zaragoza, Spain
Diagonal Mar Residential Towers, Barcelona, Spain
- 1999 **Tonet Sunyer i Vives Arquitecte**, Barcelona, Spain, *Project Manager*
Centro Social y Sanitario en Villablino, Villablino-Leon, Spain
Pamplona Civic Space Competition, 1^o Prize, VYR Office Competition, 1^o Prize
- 1997-98 **1100 Architect**, New York, NY, *Project Captain*
Holbrook Residence, New York, NY
Little Red Middle School and Elisabeth Irwin High School, New York, NY

Consulting Positions

- 2008 **SO-IL, Solid Objectives**, New York, NY, *Consulting Architect of Record*
Chermayeff Residence, Garrison, NY (unbuilt)
- 2001 **Lewis Tsurumaki Lewis Architects**, New York, NY, *Consulting Intern*
Wooster College and Wooster Residence, Wooster, OH
Up-Side House for Etekt.com
- 2000 **Marble Fairbanks Architects**, New York, NY, *Consulting Intern*
Chicago Public Small Schools Competition, National Endowment of the Arts 1^o Prize, PA Award
- 2003 **Robert A.M. Stern Associates**, New York, NY, *Consulting Architect*
One Penn Plaza, Philadelphia, PA
Philadelphia Navy Yard Master Plan, Philadelphia, PA