**Methodology**

**Stage 1: REVIEW** (August-September 2016)
Create an overview of existing centers in the country.

**Stage 2: VISIT** (October – November 2016)
Identify relevant labs/centers for case study visits (approximately 3 will be visited). Organize a series of trips to gather first-hand information on the facilities, faculty, and programs of the labs/centers. These trips will also further UA's network in the urban design community.

**Stage 3: SUMMARIZE** (October-December 2016)
Consolidate information gathered from the urban design labs/centers into a written document and visual presentation(s) for CAPLA administration.

**Stage 4: INTERPRET** (December 2016-Spring 2017)
Interpret the findings to create a theoretical basis for these centers. Suggest an ordered typology by which to understand various ways of forming and operating an urban design center.

**Stage 5: DISSEMINATE** (Spring 2017)
Disseminate the review and findings.
Deliverables:
- Review article published in an urban design journal
- Presentation of findings (at an appropriate conference(s))
Overview of Research

- 33 Centers
- 31 Schools
- 26 Cities
- 19 States
- 10+ Disciplines
Findings
Findings
## Overview of Research

<table>
<thead>
<tr>
<th>Institution</th>
<th>City</th>
<th>Website</th>
<th>Contact Name</th>
<th>Email</th>
<th>Research Focus</th>
</tr>
</thead>
<tbody>
<tr>
<td>Remaking Cities</td>
<td>Pittsburgh, PA</td>
<td><a href="http://www.cmu.edu/rci">http://www.cmu.edu/rci</a></td>
<td>Donald Carter</td>
<td><a href="mailto:doncarter@cmu.edu">doncarter@cmu.edu</a></td>
<td>Urban design, community development, sustainability, economic development</td>
</tr>
<tr>
<td>Princeton University</td>
<td>Princeton, NJ</td>
<td><a href="http://www.princeton.edu">http://www.princeton.edu</a></td>
<td></td>
<td></td>
<td>Urban design, community development, sustainability, economic development</td>
</tr>
<tr>
<td>UD/DDC</td>
<td>Detroit, MI</td>
<td><a href="http://www.dcdc-udm.org">http://www.dcdc-udm.org</a></td>
<td>Christina Heximar</td>
<td></td>
<td>Urban design, community development, sustainability, economic development</td>
</tr>
<tr>
<td>Urban Works Agency</td>
<td>San Francisco, CA</td>
<td><a href="http://www.urbanworksagency.org">http://www.urbanworksagency.org</a></td>
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<td></td>
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<tr>
<td>University of Arizona</td>
<td>Tucson, AZ</td>
<td><a href="http://saap.unm.edu/resource-center/centers-bioregional-and-urban-planning">http://saap.unm.edu/resource-center/centers-bioregional-and-urban-planning</a></td>
<td>Adelheid Fischer</td>
<td><a href="mailto:adelheid.fischer@asu.edu">adelheid.fischer@asu.edu</a></td>
<td>Urban design, community development, sustainability, economic development</td>
</tr>
<tr>
<td>School of Architecture, University of Florida</td>
<td>Gainesville, FL</td>
<td><a href="http://www.arch.ufl.edu">http://www.arch.ufl.edu</a></td>
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<td>Florida Atlantic University</td>
<td>Orlando, FL</td>
<td><a href="http://www.floridaalt.edu">http://www.floridaalt.edu</a></td>
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### Research Focus
- Urban design
- Community development
- Sustainability
- Economic development

### Additional Information
- Projects include research output such as publications and presentations.
- Funding sources include grants from federal, state, municipal, and private organizations.
- Contributions to various academic and professional communities.
### Overview of Research

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<tr>
<th>Research Area</th>
<th>Participants</th>
<th>Methodology/Approach</th>
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<tr>
<td>Architecture</td>
<td>Dr. Alan S. Gordon</td>
<td>Using computational methods to analyze urban design and planning in global cities.</td>
</tr>
<tr>
<td>Environmental Design</td>
<td>Dr. Mary C. Johnson</td>
<td>Integrating natural systems within urban environments for sustainability.</td>
</tr>
<tr>
<td>Urban Planning</td>
<td>Prof. Charles W. Thompson</td>
<td>Applying policy frameworks to address urban growth and development.</td>
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<tr>
<td>Community Engagement</td>
<td>Dr. Sophia D. Martinez</td>
<td>Engaging local communities in design projects for social equity and inclusivity.</td>
</tr>
<tr>
<td>Innovative Technologies</td>
<td>Dr. Thomas E. Howard</td>
<td>Developing new technologies to enhance urban infrastructure and sustainability.</td>
</tr>
<tr>
<td>Cultural Heritage</td>
<td>Prof. Susan H. Lee</td>
<td>Preserving cultural landscapes through adaptive heritage design and community input.</td>
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<td>Economic Development</td>
<td>Dr. Robert J. Parks</td>
<td>Implementing economic strategies to support community growth and development.</td>
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<td>Dr. Emily D.Miller</td>
<td>Designing public health strategies to address urban health challenges.</td>
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Case Study 1: **cityLAB - UCLA**

**Disciplines:**
Architecture, Planning, Urban Design

**Involvement:**
Faculty, Students, Community, Professionals

**Off Campus Location:**
Yes
Case Study 1: **cityLAB - UCLA**

**Mission/Purpose:** Founded in 2006 as a think tank within UCLA’s Department of Architecture and Urban Design, is concerned with contemporary urban issues, urban design, and the architecture of the city. Specifically, cityLAB explores the challenges facing the 21st century metropolis through research and design, expanding the possibilities for our cities to grow more livably, sustainably, and beautifully. cityLAB’s investigations comprise rigorous scholarship as well as practical implication, design and theory, and formal exploration of cultural and political consequence. The lab is a UCLA research center, undertaking projects related to its four core initiatives: the postsuburban metropolis, rethinking green, urban sensing, and new infrastructures.

**Colleges/Programs:** UCLA’s School of Arts and Architecture - Department of Architecture and Urban Design

**Degrees Offered:** None Directly

**Funding Source:** ✗

**Courses Offered:** ✗

**Types of Students:** ✗

**Community Partners:** Caltrans, CENS Center for Embedded Network Sensing, Gensler, Graham Foundation, IS Associates, The John Randolph Haynes Foundation, Buro Happold, LA City Planning, Mineta Transportation Institute, National Building Museum, Pacoima Beautiful, Southern California Association of Governments, Skidmore, Owings and Merrill LLP, University of California Transportation Center, UCLA Department of Architecture and Urban Design, UCLA Capital Programs, UCLA School of the Arts and Architecture, UCLA in LA, UCLA Luskin School of Public Affairs, UCLA School of Theatre Film and Television, UCLA Ziman Center for Real Estate, Westside Urban Forum
Case Study 1: *cityLAB - UCLA*


**Internal Research/Publications:** Ambient Informatics, Backyard Bi(h)OME, Future of Work, IT Workplace Futures, Backyard Homes, Divining Providencia, OP CITY, Westwood Village Vision, WPA 2.0
Case Study 2: **Urban Works Agency - California College of the Arts**

**Disciplines:**
Architecture, Urban Design, Landscape Architecture

**Involvement:**
Students, Faculty, Professionals

**Location:**
San Francisco, CA

**Off Campus Location:**
No
Mission/Purpose: This expanded field is the territory of The Urban Works Agency. Our Agency is thus both organization and action, and this is the intellectual terrain that we are setting forth to explore in this first issue of our official mouthpiece, The Agent. In upcoming issues we will continue to both interrogate what urban agency is, as well as explore the various models of practice, intellectual frameworks, and formal organizations that can help us stake out this new territory. Each issue will be thematized according to one or more of these or future topics, and will feature interviews, excerpts of articles, new writing, and featured projects and representations by our Urban Agents. We are optimistic about the future without being utopian. We are concerned with the material production of urban space without succumbing to solely the efficiency of economics and engineering. We are confident in spatial practice’s role in larger questions of urbanism without enforcing disciplinary silos. We are calling for Action through Design. Urban Works leverages spatial design to act on the urban environment in a holistic and sustainable manner.

Colleges/Programs: California College of the Arts

Degrees Offered: Master of Advanced Architectural Design

Funding Source: x

Courses Offered: Advanced Seminars and Studios

Types of Students: Graduate Students

Community Partners: Openscope Studio, Tu Dortmund University, AIA SF, HOK, South American Project, SPUR, San Francisco Planning Department
Case Study 2: **Urban Works Agency - California College of the Arts**

**Research Output:** Volume: The System, Monu: Domestic Urbanism, Delineating Logistics, Beyond Bottom-Up, Witchscapes Report, Urbansim from Within Exhibition Catalogue, Architecture for a Hybrid Landscape, Hydrogeographies, Re-writing Territories Report, The Metropolis of Tomorrow, Urbanbuild Local Global, RUHR2010

**Internal Research/Publications:** The Agent (magazine)
**Case Study 3: Remaking Cities Institute - Carnegie Mellon University**

**Disciplines:**
Architecture

**Involvement:**
Faculty, Students

**Location:**
Pittsburgh, PA

**Off Campus Location:** No
Mission/Purpose: Since its institutionalization as a profession in the early 1960s, urban design has employed collective design visioning, public participation, physical analysis tools, and multi-disciplinary teams to reach more equitable social, economic, and environmental outcomes. The Remaking Cities Institute and the Urban Laboratory will continue to document and research best practices in urban design internationally. They will also advance the theory and practice of urban design by completing funded research projects that test and evaluate innovative approaches to place-making, community development, and sustainable development. The mission of the Remaking Cities Institute and the Urban Laboratory has three components: 1) international research in urbanism; 2) education in urbanism; and 3) Pittsburgh regional impact.

Colleges/Programs: School of Architecture - within the Fine Arts School

Degrees Offered: Masters of Urban Design

Funding Source: Research projects are generally funded by foundations and government agencies

Courses Offered: Courses parallel what they are doing at the institute, but they are not offered through the institute itself, only through the school of architecture

Types of Students: graduate students

Community Partners: The reinvestment group, the community foundation for the aleganies
Case Study 3: **Remaking Cities Institute - Carnegie Mellon University**


**Internal Research/Publications:** None
Case Study 4: **Design Resource Center - University of Houston**

**Disciplines:**
Architecture

**Involvement:**
Faculty, Students, Community, Professionals

**Location:**
Houston, TX

**Off Campus Location:** No
Case Study 4: **Design Resource Center - University of Houston**

**Mission/Purpose:** The mission of the Community Design Resource Center is to enhance the quality of life in low-to-moderate income communities throughout the Houston region through design, research, education and practice. The Community Design Resource Center works to address issues of community development, design, planning, affordable housing and civic projects in partnership with communities.

**Colleges/Programs:** School of Architecture

**Degrees Offered:** None directly

**Funding Source:** Grants, national endowment for the arts, funded projects (this is the most common approach for them) in partnerships with nonprofits. They get no University funding whatsoever.

**Courses Offered:** Courses parallel what they are doing at the institute, but they are not offered through the institute itself, only through the school of architecture

**Types of Students:** undergraduate and graduate students; they generally work with more undergraduates

**Community Partners:** Mostly all nonprofits. They do not partner with the city because they got burned early on. They also do not typically work with for-profit organizations. Local Initiative Support Corporation (LIST) is a main one, Avenue Community Development Corporation, management corporations, civic clubs and organizations (particularly with pro-bono work). They also partner with other colleges on occasion (such as the school of art or the school of social work), but they do not have a permanent relationship with any of them.
**Research Output:** Castillo Park, Zones and Strategies, Thick Infrastructure, Islands: Collaborative Community Design Initiative 2, Flood Zone, Corridors: Collaborative Community Design Initiative 1, Parkedm Agri-Urbanism, Houston Hope: Strategies for Change, West Port Arthur: SEED, Elgin Street Center, Airline Drive, Northside: Quality of Life Agreement, Independence Heights: Quality of Life Agreement, Cite 86, Cite 85, Cite 81, Cite 80, Cite 76, Cite 73, Cite 72, Cite 67, Places Journal, Cite 52, Urban Infill, Vol. 5, Urban Design International, Essays in Books

**Internal Research/Publications:** None
Case Study 5: **Urban Information Lab - University of Texas**

**Disciplines:**
Planning

**Involvement:**
Students, Faculty

**Location:**
Austin, TX

**Off Campus Location:**
No
**Mission/Purpose:** Housed in the UT School of Architecture’s Community and Regional Planning department, the Urban Information Lab (UIL) focuses on understanding the built environment through spatial analysis and big data in order to provide solutions for better living. The lab was formed in 2014 in order to provide a space for deep-dive investigations of urban form by harnessing innovative technologies. Directed by Dr. Junfeng Jiao and Dr. Robert Paterson, the lab employs a team of five graduate students who explore how urban design influences human behavior. Since the lab’s inception, UIL researchers have analyzed big data to assist in bicycle infrastructure planning, engaged in physical planning and development in the South Shore area of Austin, investigated tourist perceptions of the city in cyberspace through geo-referenced Tweets, evaluated people’s access to healthy and unhealthy food sources in Austin, and identified transit deserts in four Texas cities, among other projects.

**Colleges/Programs:** School of Architecture

**Degrees Offered:** Community and Regional Planning

**Funding Source:** x

**Courses Offered:** GIS, Visual Communications, Physical Planning Studio

**Types of Students:** Graduate Students

**Community Partners:** x
Research Output: Identifying Transit Deserts in Texas Cities-The Gap Between Supply and Demand, Bicycle Infrastructure Improvement Study and Implementation Plan, Understanding Checkouts in Bike Sharing Systems

Internal Research/Publications: Ambient Informatics, Backyard BI(h)OME, Future of Work, IT Workplace Futures, Backyard Homes, Divining Providencia, OP CITY, Westwood Village Vision, WPA 2.0
Case Study 6: **Pratt Center - Pratt Institute**

**Disciplines:**
Architecture, Planning, Art, Science

**Involvement:**
Faculty, Students, Community, Professionals

**Location:**
New York City, NY

**Off Campus Location:** Yes
Mission/Purpose: As a department within Pratt Institute, Pratt Center for Community Development works closely with faculty and students from multiple disciplines, leveraging the Institute’s architecture, planning, and design resources, in support of community-driven plans for a more sustainable and equitable New York City. Students have the opportunity to work closely with Pratt Center, through Fellowship programs, internships, studio projects, and student worker programs.

Colleges/Programs: Programs for Sustainable Planning and Development, the School of Information and Library Science, Communications and Graphic Design, Fashion, and Photography.

Degrees Offered: x

Funding Source: x

Courses Offered: x

Types of Students: x

Community Partners: Center for Urban Pedagogy, Alliance For A Just Rebuilding, American Institute of Architects NY Chapter, Architecture for Humanity, Asian Americans For Equality, Association For Neighborhood And Housing Development, Bedford Stuyvesant Restoration Corporation, Chhaya Community Development Corporation, Chinatown Working Group, City Limits, Civic Association Serving Harlem, Cypress Hills Local Development Corporation, El Puente, Enterprise Community Partners, Evergreen Exchange, Fairness Coalition of Queens, Faith in New York, Friends of Community Board 6, Gans Studio, Good Jobs New York, Good Old Lower East Side, Hester Street Collaborative, Made in NYC Small Businesses, Make the Road NY, Margert Community Corporation, Myrtle Avenue Revitalization Project, Neighborhood Housing Services of Jamaica, Neighborhood Housing Services of Staten Island, New York City Environmental Justice Alliance, Northwest Bronx Community Clergy Coalition, Nostrand Avenue Merchants Association, Ocean Bay Community Development Corporation, The Point Community Development Corporation, Rockaway Youth Task Force, solar One, Southern Bronx River Watershed Alliance, Southwest Brooklyn Industrial Development Corporation, Transportation Alternatives, Urban Justice Center, Youth Ministries For Peace and Justice.
**Case Study 6: Pratt Center - Pratt Institute**


**Internal Research/Publications:** There website is very thorough and serves as an internal publication of sorts
Case Study 7: **Urban Design Lab - Columbia**

**Disciplines:**
Architecture, Planning, Urban Design, Engineering,
Science

**Involvement:**
Faculty, Students

**Location:**
New York City, NY

**Off Campus Location:** No
Mission/Purpose: The Urban Design Lab (UDL) is a research unit of Columbia University’s Earth Institute created in 2005 to address the need for a design-based approach to shaping the long range future of sustainable urbanism. While drawing on the resources of The Earth Institute, principal collaborators also engage the Graduate School of Architecture, Planning and Preservation (GSAPP) and the Fu Foundation of Engineering and Applied Science (SEAS). New York City and its region is a core model for solving problems related to sustainable urban futures everywhere, and the UDL’s work cuts across The Earth Institute’s themes of: Climate and Society; Water; Energy; Poverty; Ecosystems; Global Health; Food; Ecology; Nutrition; Hazards and Risk; and Urbanization. The UDL’s collaborators are academics and professionals in urban design, planning, architecture, historic preservation, real estate, public health, environmental science, climatology, engineering, ecology, education, business, economics, social science, humanities, and law. Since its inception, the UDL has assisted New York City communities in tackling environmental remediation, high performance and green building design, micro-infrastructure, public health, climate change, and sustainable economic development. It has also worked in numerous other global locations including Ghana, Kenya, People’s Republic of China, and India.

Colleges/Programs: The Earth Institute, School of Architecture, Planning and Preservation, Fu Foundation of Engineering and Applied Sciences

Degrees Offered: x  
Funding Source: x  

Courses Offered: x  
Types of Students: x  

Community Partners: myserda, Doris Duke Charitable Foundation, NSF, UNEP, USDA, Rockefeller Brothers Fund, Township of Maplewood NJ, American Farmland Trust, West African Health Foundation, City of Rochelle NY, Ford Foundation, Funglode, United Health Foundation, Karp Resources, New World Foundation, Foundazione Adriano Olivetti
Case Study 7: **Urban Design Lab - Columbia**


**Internal Research/Publications:** None
Case Study 8: CityLab Sarasota - University of Florida

Disciplines:
Architecture

Involvement:
Students, Faculty, Community, Professionals

Location:
Sarasota, FL

Off Campus Location:
Yes
Case Study 8: **CityLab Sarasota - University of Florida**

**Mission/Purpose:** A core mission of Citylab-Sarasota will be to enlist students, through a design intensive curriculum, in service-learning projects drawn from local needs and initiatives that also address larger issues of sustainability, ecology, and economy. The process will bring together students, community stakeholders, municipal agencies, citizens, and professionals in visioning exercises and scenario modeling with the outcomes exhibited at the center and submitted nationally for awards. This model has been highly successful in many design centers and centers for architecture emerging around the US in the past decade.

**Colleges/Programs:** School of Architecture

**Degrees Offered:** Master’s of Architecture (1, 2, 3 year programs)

**Funding Source:** Tuition, contributions from donors

**Courses Offered:** Studio and support courses - contribute to a National Architecture Accreditation Board (NAAB) accredited professional degree

**Types of Students:** Graduate students + some PHD students

**Community Partners:** Sarasota County, Center for Architecture Sarasota - partnership for resources and facilities, AIA - Florida gulf coast chapter
Case Study 8: CityLab Sarasota - University of Florida

Research Output: Reports, funded research $150,000 this year, other potential projects, service learning focus, masters and PhD students are involved

Internal Research/Publications: None
Disciplines:
Architecture, Community Development

Involvement:
Faculty, Students, Community, Professionals

Location:
Detroit, MI

Off Campus Location: No
**Mission/Purpose:** The Detroit Collaborative Design Center (DCDC) is a multi-disciplinary, nonprofit architecture and urban design firm at the University of Detroit Mercy School of Architecture dedicated to creating sustainable spaces and communities through quality design and the collaborative process.

**Colleges/Programs:** School of Architecture, Masters of Community Development Program, occasionally collaborate with other departments on specific projects (ie education and engineering

**Degrees Offered:** Pre-professional Bachelors of Architecture, Masters of Architecture

**Funding Source:** The DCDC is a mission-driven, non-profit organization supported in part by project fees that supplement direct and indirect overhead. The DCDC also seeks grants and contributions to offset the costs of its projects.

**Courses Offered:** Staff members teach DCDC sponsored studios. They teach site design, and community planning, second year studio, etc. No courses are offered directly through the Center, but some studios are sponsored by it.

**Types of Students:** graduate and undergraduate. Typically third year and above

Case Study 9: **Detroit Collaborative Design Center - University of Detroit**


**Internal Research/Publications:** None
Case Study 10: **Place Lab - University of Chicago**

**Disciplines:**
Art, Policy

**Involvement:**
Students, Faculty, Community

**Location:**
Chicago, IL

**Off Campus Location:** Yes
Mission/Purpose: Place Lab is a team of professionals from the diverse fields of law, urban planning, architecture, design, social work, arts administration, and gender and cultural studies. A partnership between Arts + Public Life, an initiative of UChicago Arts, and the Harris School of Public Policy, Place Lab is a catalyst for mindful urban transformation and creative redevelopment. Led by renowned artist and University of Chicago faculty member Theaster Gates, this joint enterprise merges Chicago Harris’ Cultural Policy Center’s commitment to cultural policy and evidence-based analysis with Place Lab’s work at Arts + Public Life on arts- and culture-led neighborhood transformation. Since its establishment in 2014, the team has worked to document and demonstrate urban ethical redevelopment strategies initiated through arts and culture. This work situates artists and creatives in conversations about the urban context. To effectuate policy change, Place Lab amplifies artistic innovators as civic leaders. In order for cities to develop in mindful and equitable ways, artists must be integrated into shaping neighborhoods and public spaces.

Colleges/Programs: Arts and Public Life (through UChicago Arts), Harris School of Public Policy

Degrees Offered: x

Funding Source: Knight Foundation, Next City, etc

Courses Offered: x

Types of Students: Graduate students + some PHD students

Community Partners: South Shore Fine Arts Academy, Rebuild Foundation, UChicago Cultural Policy Center
Case Study 10: **Place Lab - University of Chicago**

**Research Output:** Civic Commons, Board Up, Plat|Forms, Arthouse: A Social Kitchen

**Internal Research/Publications:** The Place Lab Digest, Site:Blog http://placelab.uchicago.edu/site-blog/, Publication: “9 Principles of Ethical Redevelopment”
Case Study 11: **Urban Design Center - University of Idaho**

**Disciplines:**
Architecture, Planning, Landscape Architecture, Urban Design

**Involvement:**
Students, Faculty, Community, Professionals

**Location:**
Boise, Idaho

**Off Campus Location:** Yes
Case Study 11: **Urban Design Center - University of Idaho**

**Mission/Purpose:** Located in downtown Boise, the University of Idaho Urban Design Center (UDC) offers graduate degree programs in Architecture, Landscape Architecture and Bioregional Planning and Community Design. Our students study in state-of-the-art facilities with faculty who are well established and internationally recognized in their fields. The Urban Design Center program is based on an interdisciplinary learning experience designed to simulate real-world partnerships and provide a holistic approach to urban design, emphasizing the interplay between built and natural systems. Through research, professional practice and community engagement, students work together to address issues of resilience and sustainability at the regional and urban scale.

**Colleges/Programs:** College of Art and Architecture

**Degrees Offered:** M. Architecture, M. Landscape Architecture, B.S. Bioregional Planning, B.S. Integrated Architecture

**Funding Source:** Funded by University of Idaho, research is grant based

**Courses Offered:** ARC 553 Comprehensive Building Design, ARC 554 - LARC 556 Urban Design Studio, ARC 556 Architecture Graduate Projects, LARC 554 Bioregional and Urban Planning Studio, LARC 558 Landscape Architecture Graduate Project

**Types of Students:** Undergraduate and Graduate Students

**Community Partners:** Northwest Energy Efficiency Alliance, Center for Resilient Communities, Idaho Water Resource Research Institute, Idaho Department of Water Resources, Idaho Power, City of Boise, COMPASS, Idaho Smart Growth, Preservation Idaho, McCall Outdoor Science School
Case Study 11: Urban Design Center - University of Idaho

**Research Output:** In collaboration with University of Idaho faculty, College of Law and the McClure Center for Public Policy; emphasis on high performance buildings, energy systems, health and the built environment, and urban and regional water supply and quality.

**Internal Research/Publications:** None

Assorted student work and photographs
Case Study 12: Urban Design Lab - University of Oregon

Disciplines:
Art, Policy, Landscape Architecture, Architecture, Planning

Involvement:
Students, Faculty, Community, Professionals

Location:
Eugene, OR

Off Campus Location: No
Case Study 12: **Urban Design Lab - University of Oregon**

**Mission/Purpose:** The Urban Design Lab mission is to support student education through project-based service learning. We do this by committing to a collaborative and contextual approach to spatial design practices and to the planning of unique and sustainable landscapes, urban spaces, communities, cities and regions. We use a mode of practice that engages the client – and a wider spectrum of users and stakeholders – to generate knowledge to inform the visioning and design process, employing a transparent, collaborative, and consensus-building approach.

**Colleges/Programs:** School of Architecture and Allied Arts

**Degrees Offered:** Architecture, Landscape Architecture, Urban Design, Planning

**Funding Source:** x

**Courses Offered:** x

**Types of Students:** x

**Community Partners:** CalPoly San Louis Obispo, the Frank Lloyd Wright School, private developers and city and country officials in Vietnam
Case Study 12: **Urban Design Lab - University of Oregon**

**Research Output:** Concept designs for educational and office buildings in Eugene, Oregon, the master plan for Lane Community College, plans for compact a mixed-use town in Damascus, OR, a master plan for the historic downtown core of Cottage Grove, OR, 10 form-based codes for projects ranging from city parks to the development of new towns.

**Internal Research/Publications:** AAA Blog
Case Study 13: Resilient Cities Lab - Northeastern University

Disciplines:
Policy

Involvement:
Students, Faculty

Location:
Boston, MA

Off Campus Location: No
Case Study 13: Resilient Cities Lab - Northeastern University

Mission/Purpose: Our mission is to: 1) advance the use of data management, geographic information, computer-based modeling and simulation, and visualization of complex urban dynamics so that decisions can be more effectively based on the best available knowledge 2) conduct research that leads to better policy related to urban climate change mitigation and adaptation 3) engage the research and practitioner communities in dialog so both sides truly learn from each other 4) empower students to become knowledge brokers who are fluent in the use of cutting-edge analytical methods and who feel at ease in the world of urban investment and policy making.

Colleges/Programs: x

Degrees Offered: x

Funding Source: German Federal Ministry of Education and Research (BMBF) KLIMZUG Program, Northeastern University TIER 1: Seed Grant/Proof of Concept Program, National Science Foundation, Decision Frameworks for Multi-Hazard Resilient and Sustainable Buildings (RSB) Program

Courses Offered: x

Types of Students: graduate

Community Partners: x
Case Study 13: Resilient Cities Lab - Northeastern University


**Internal Research/Publications:** None
Case Study 14: **Policy Innovation Center - Georgetown University**

**Disciplines:**
Policy

**Involvement:**
Students, Faculty, Community

**Location:**
Washington, DC

**Off Campus Location:** No
**Mission/Purpose:** The mission of the Policy Innovation Lab is to draw upon and convene the talents of students, professors, researchers, community leaders and activists to tackle urgent and emerging issues at the forefront of policy discussion and debate in the DC area, and to develop pioneering and forward-thinking solutions. It will do this by:
- Tapping student ingenuity to tackle local policy challenges, emerging questions, and intractable dilemmas;
- Drawing upon the knowledge and creativity that exists in the DC community to help inform and design policy recommendations;
- Connecting students, faculty, and research experts from multiple disciplines as university-community partners in the work of the Lab; and
- Employing human-centered design thinking and other innovative approaches to policy prototyping.

**Colleges/Programs:** McCourt School of Public Policy

**Degrees Offered:**

**Courses Offered:**

**Funding Source:**

**Types of Students:**

**Community Partners:** DC Appleseed Center for Law and Justice, Bread for the City, the Urban Institute, and the Federal City Council, Center for Public and Nonprofit Leadership & Urban and Regional Planning Program at Georgetown University, FairChance
Research Output: The Lab’s current policy project is to apply design thinking to the potential redevelopment of the Anacostia waterfront in Wards 7 and 8, and develop policy solutions for equitable growth through a human-centered design framework.

Internal Research/Publications: Blog: mccourtinnovationlab.org
Case Study 15: **dSchool - Stanford University**

**Disciplines:**
Engineering, Business, Policy, Psychology, Health

**Involvement:**
Students, Faculty, Professionals

**Location:**
Palo Alto, CA

**Off Campus Location:** No
**Mission/Purpose:** Human values are at the heart of our collaborative approach. We focus on creating spectacularly transformative learning experiences. Along the way, our students develop a process for producing creative solutions to even the most complex challenges they tackle. This is the core of what we do. In a time when there is hunger for innovation everywhere, we think our primary responsibility is to help prepare a generation of students to rise with the challenges of our times. We define what it means to be a d.school student broadly, and we support “students” of design thinking who range from kindergarteners to senior executives. Our deliberate mash-up of industry, academia and the big world beyond campus is a key to our continuing evolution.

**Colleges/Programs:** Design Program at Stanford (Mechanical Engineering Department)

**Degrees Offered:**

**Funding Source:** Corporate partnerships, Stanford

**Courses Offered:** Creativity and Innovation, Design for Health: helping patients navigate the system, Design Studio Thinking, Feed the Change: redesigning food systems, The Design of Data, Transforming Design, Organizational Psychology of Design Thinking

**Types of Students:** graduate

**Community Partners:** Visa, Teach For America, JetBlue, White Mountain Apache Tribe, Gates Foundation, Mozilla Foundation, PepsiCo, Palo Alto Medical Foundation, The Girl Scouts, Procter&Gamble, General Electric, NewSchools Venture Fund, The City of Mountain View and Palo Alto, Project[RED], Electronic Arts, Stanford Trauma Center, Motorola, Google, WNYC
Case Study 15: dSchool - Stanford University

Research Output: K12 Lab, University Innovation Fellows, ...

Internal Research/Publications: d.news. blog, books published by faculty (latest is Designing Your Life)
Discussion