



PALS

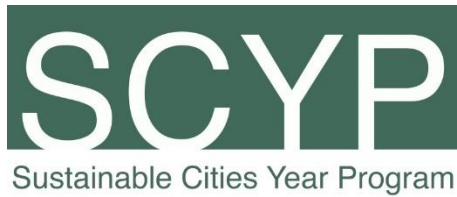
PARTNERSHIP for ACTION LEARNING in SUSTAINABILITY

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National Center for Smart Growth
University of Maryland



[sustainableumd](https://sustainableumd.org)

The Response: Educational Partnerships for Innovation in Communities (EPIC)



University faculty have access to and are the creators of the latest evidence from their field of expertise

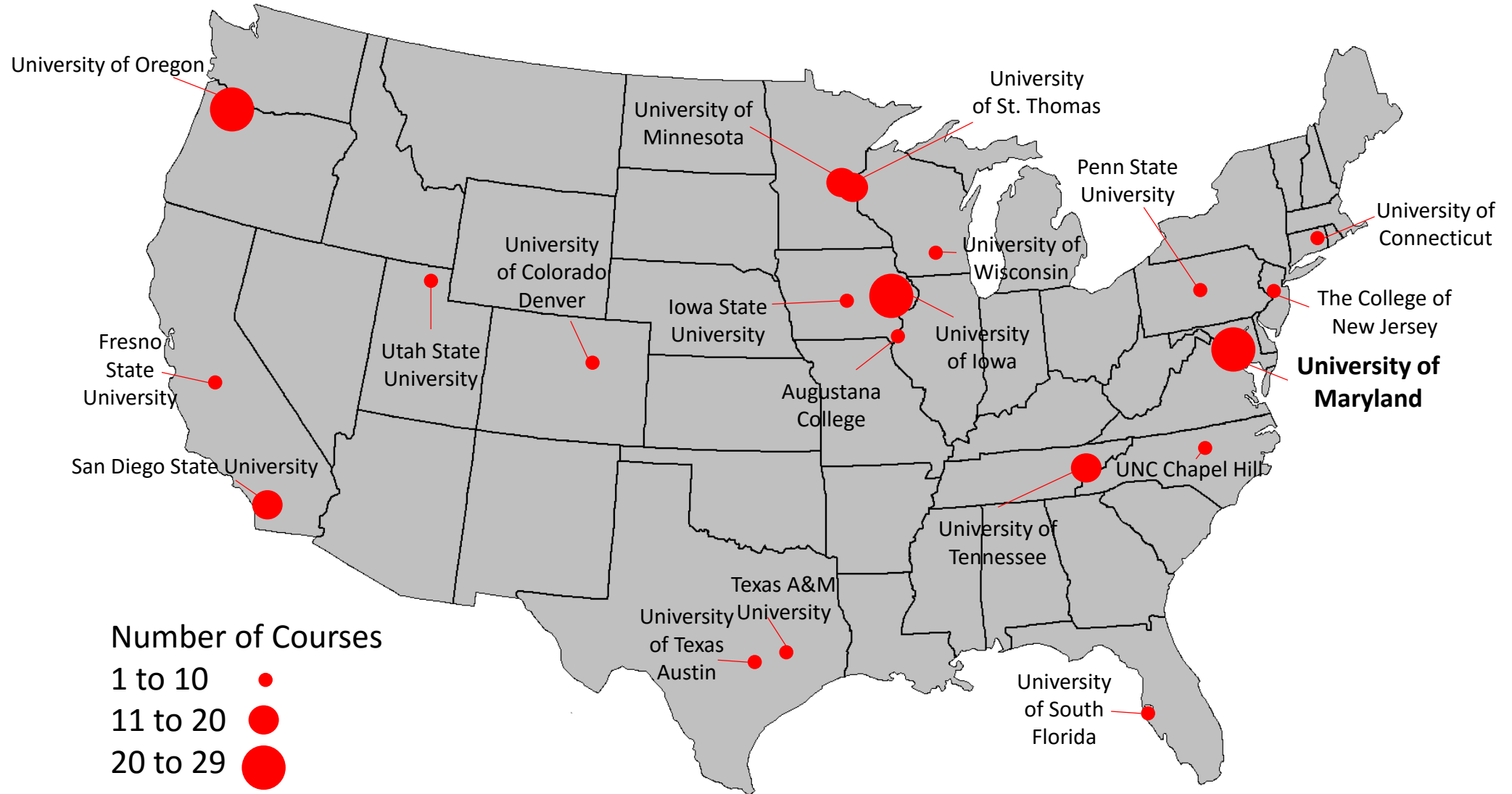


Through applied coursework, students can translate that knowledge to community-identified quality of life issues

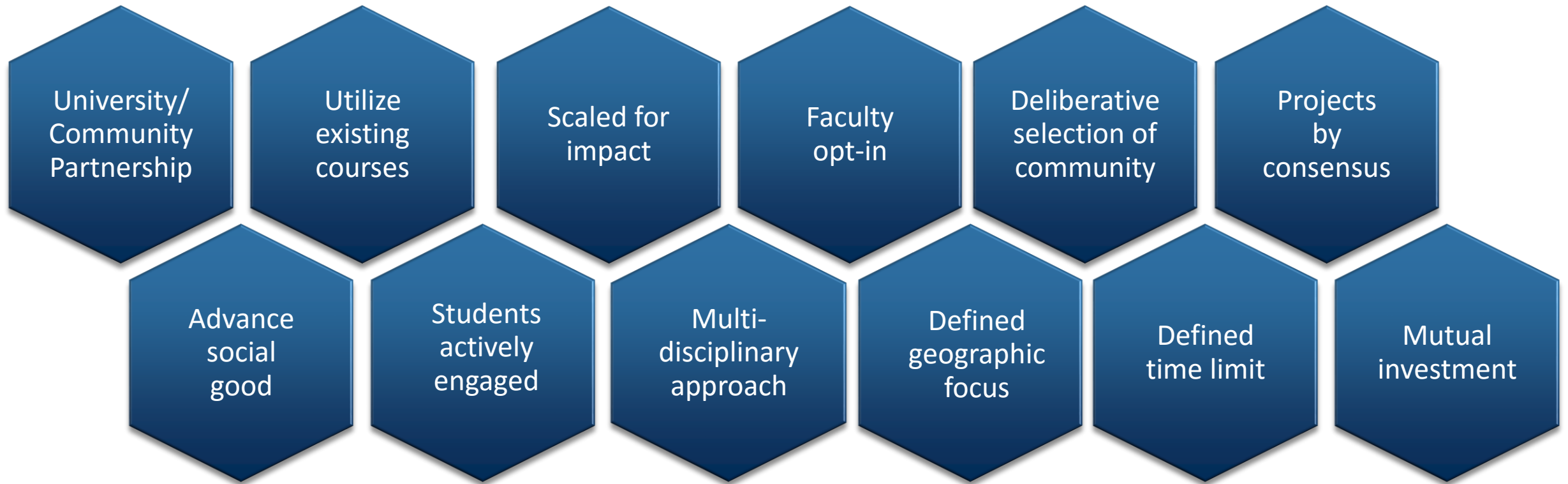


Students are capable of and encouraged to be riskier and more innovative in their thinking than city staff or local consultants typically can be


EPIC Network Programs Around the US



12 Key Tenets of the EPIC Framework



What is PALS at UMD?

A group of four students are in a forest. One student in a grey hoodie with 'TURTLE' on the back is kneeling and measuring a square plot on the ground with a white frame. Another student in a blue shirt is leaning over the plot, and a student in a bright green shirt is standing nearby. A fourth student in a white shirt is standing to the left, looking at a map. The forest floor is covered in fallen leaves, and there are several trees in the background.

“Personally, the connection PALS made to project opportunities and city personnel made a big difference in my ability to communicate important concepts about cultural and ecological design.” – Chris Ellis, faculty

“...working closely with Frederick's planning board, planning director, transportation director, built confidence in me that I have real skills now that are marketable and can be put to good use in socially and environmentally progressive projects.” – Student



Year-long, Campus-wide focus on one community



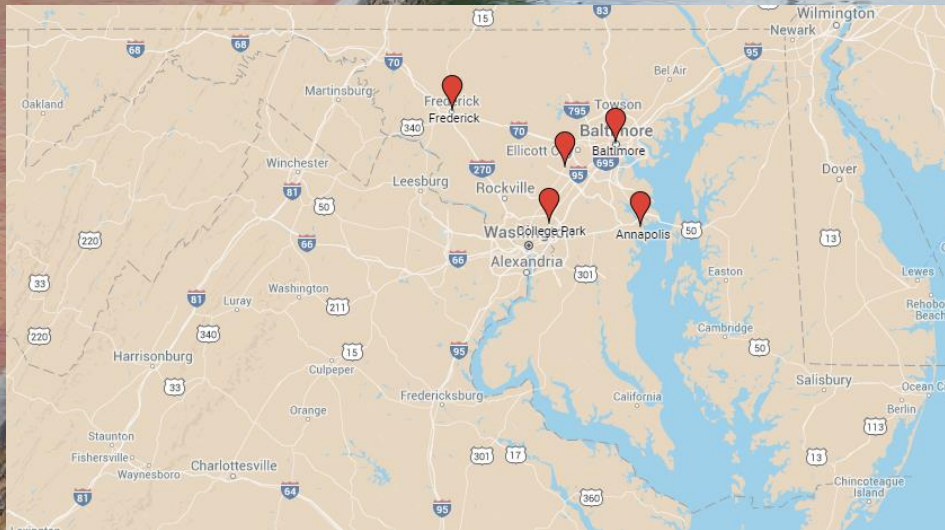
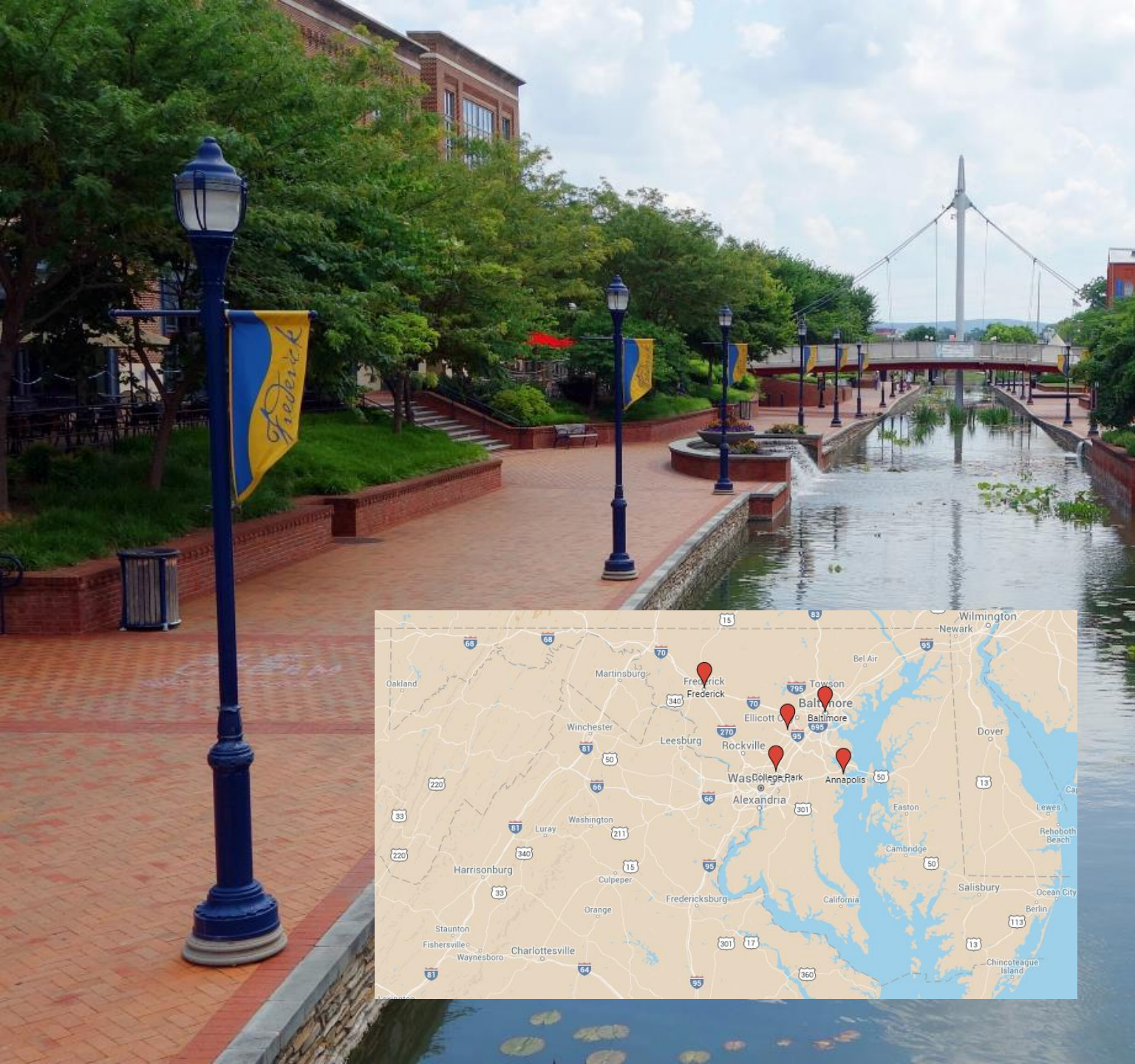
Full access to depth of knowledge and experience of UMD's faculty



Innovative, low-cost assistance, customized to a local government's specific needs



All of UMD's resources aimed at advancing environmental, economic and social sustainability in Maryland communities



Frederick (2014-15)

300 Students, 25 courses

Howard County (2015-16)

520 Students, 30 courses

College Park (2015)

75 Students, 4 courses

SW Baltimore (2015)

25 Students, 2 courses

**Anne Arundel County
& Annapolis (2016-17)**

120 students, 26 courses

Mount Royal Community Baltimore (2016-17)

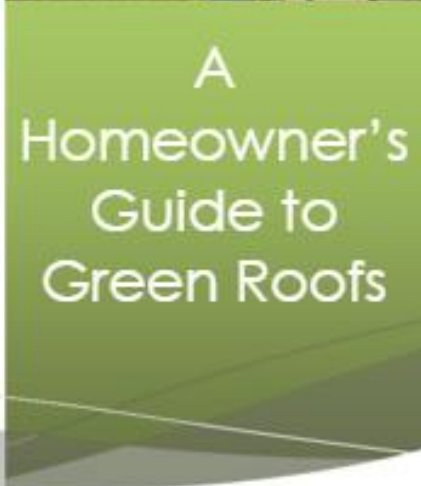
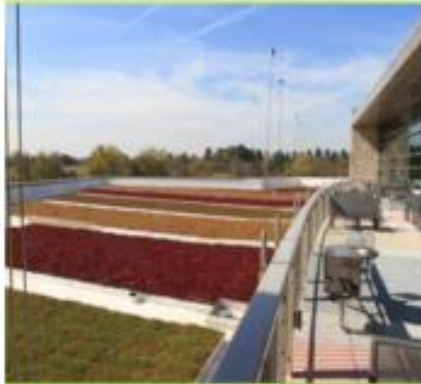
20 Students, 2 courses

Project Spotlights: Environmental Sustainability



Flood Preparedness

For the Howard County Homeowner



7 Things You Can Do To Improve Water Quality



CLEAN WATER
CLEAN HOWARD
CLEAN WORLD



Designing multi-purpose recreation spaces while protecting wetlands



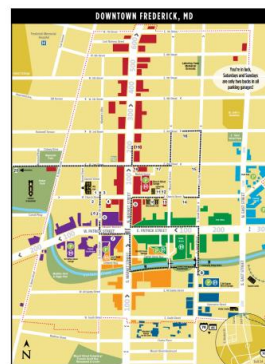
Improving solid waste practices in College Park

Promote strategies that mitigate hazards

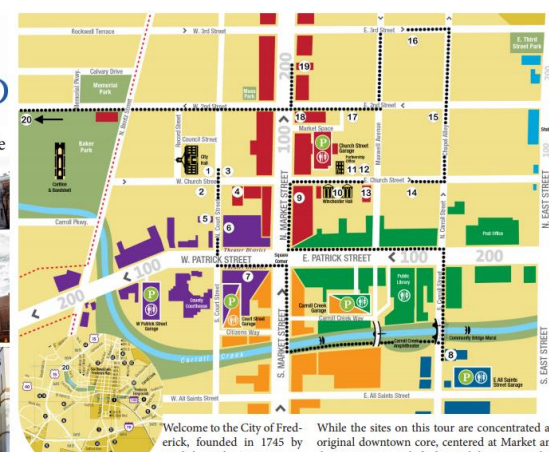
Project Spotlights: Economic Sustainability



C-2 property assessment and redevelopment plans

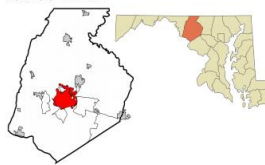


An Architectural Walking Tour Guide



PARKING: Your best bet for parking is one of Downtown Frederick's five parking garages. Conveniently located around downtown town rings, the parking garages provide the easiest option for a stress-free downtown afternoon on a great dinner out. Parking costs \$1 per hour, up to a max of \$8 on weekdays. If you arrive after 5PM on weekdays, parking is \$1. On Saturdays and Sundays, parking is just \$2. Many buildings offer free garage and better parking. Parking meters can be used along streets in the historic downtown area for the full day.

PUBLIC RESTROOMS: Six of the public restrooms in several parking garages, the public library and the Visitor Center. The Public Library, Court Street and Canal Street Parking Garage restrooms are open from 9AM to 5PM and the East All Saints Parking Garage restrooms are open from 9AM to 5:30PM Monday through Saturday. The public library is open from 10AM to 5PM Monday through Thursday, 10AM to 5PM on Friday and Saturday and 9AM to 5PM on Sundays. The Visitor Center is open 9AM to 5PM daily a year from 9AM to 5:30PM.



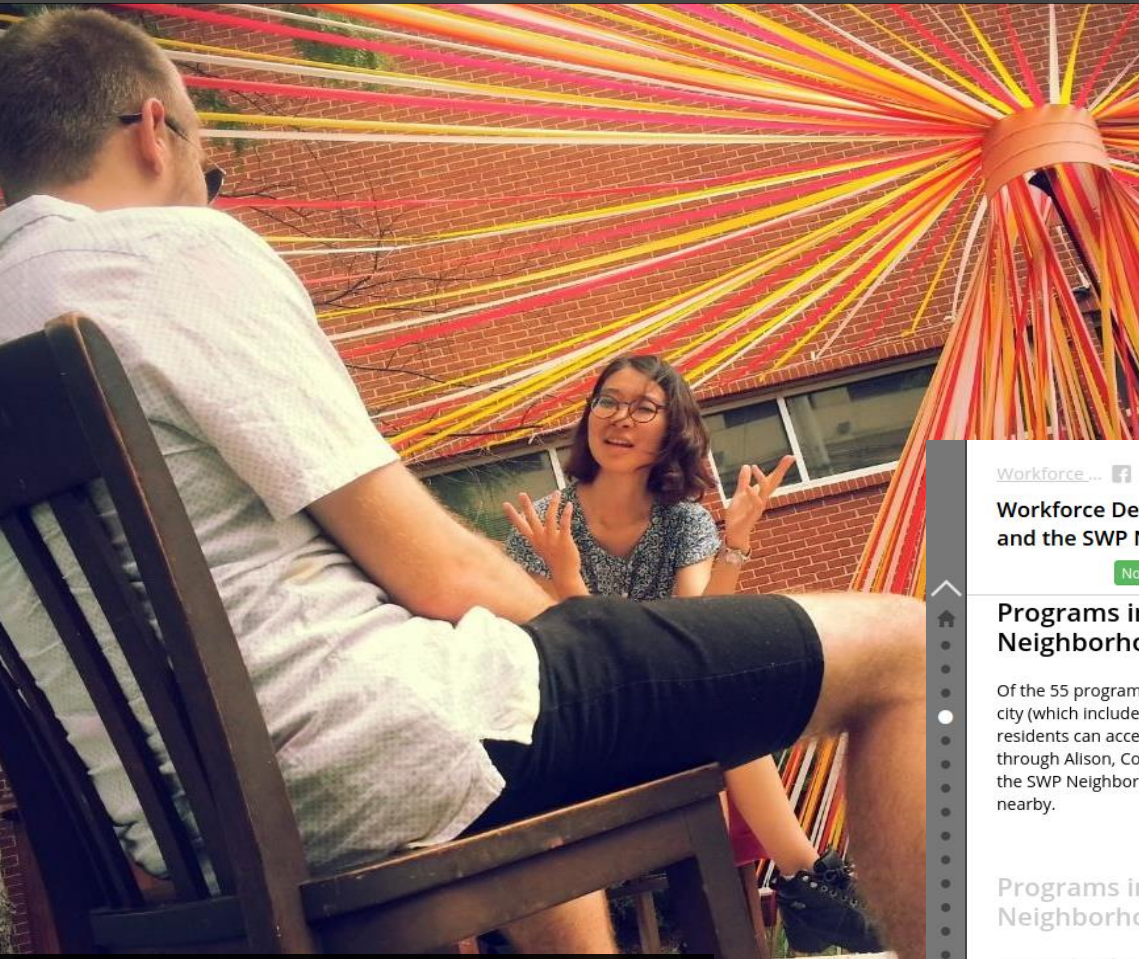
After your visit, we encourage you to tell us about your adventures! Visit us at <https://www.cityoffrederick.com> or call us at 301-400-1380

Examining the economics benefits of historic building restoration and preservation

Architectural walking tour to promote city amenities

Project Spotlights: Social Sustainability

Assessing needs and improving communication with the immigrant community along the Golden Mile



Making place through public art and design

Workforce Development in Baltimore and the SWP Neighborhoods

No issues detected

Programs in the SWP Neighborhoods

Of the 55 programs and services throughout the city (which include public libraries, where residents can access high-quality online trainings through Alison, Coursera, etc), 4 are located in the SWP Neighborhoods, and an additional 4 are nearby.

Programs in the SWP Neighborhoods

Community Job Hub - Bon Secours Community Works

Programs in the SWP Neighborhoods

storymaps.arcgis.com

Mapping assets and opportunities in Southwest Baltimore

City of Baltimore, State of Virginia, Esri, HERE, DeLorme, INCREMENTAL

Setting Expectations

University

- Will 'expand the conversation' (but not consultants)
- Requires a range of classes and quality work products
- Need forums of engagement
- Commitment / Time / Energy
- Good press

Community

- Commitment / Time / Energy
- Need accessible materials
- More involvement = better results
- Engagement of agencies and local constituencies

Ingredients for Success

- Large land grant university, big graduate program and research mission
- A core group who understands University *and* local gov't
- University support at highest levels
- Communications/PR
- Consistent funding sources over time
- Enough local gov'ts close by who will want these services
- Program dissemination networks to recruit faculty

Securing Community Partners

- Pitch the value add (capacity, cutting edge, energy)
- Explain breadth (not a typical service-learning experience) and depth (time and monetary value)
- Set reasonable expectations + project scopes
- Buy-in from leadership
- Projects in work plan
- Genuine sustainability interest
- Funding availability

What PALS provides + expects

PALS

- \$1500 per course
- Cover course expenses
- Logistics support
- Style templates + editing
- Syllabus review + templates
- Events and promotions

Faculty

- Attend sharing and learning events with facilitation by campus teaching excellence staff
- Develop customized syllabi which are part of the UMD/Jurisdiction MOU
- Sign a LOU with NCSG about course and mutual responsibilities

Provost and Partner Quotes



“It’s an incredibly exciting project. It’s just what we should be doing in our teaching.”

– Mary Ann Rankin, Provost of the University of Maryland



“Now that we’ve seen some of the work products from the classes, I think it is some of the best bang for the buck.”

– Kelly Russell, Alderman, Frederick, MD.



“Being able to pull off these fresh ideas, the fresh mindsets and the new information is really valuable for us.”

– Jenny Willoughby, Sustainability Manager, Frederick, MD.

Your potential ... your challenges

- *What would be your necessary ingredients to successfully launch and sustain an EPIC program?*
- *What challenges would you expect to encounter?*