

Nature Neighborhoods

EDUCATOR SUMMIT

CONVENED BY:

biodiverse *City*
st. louis

A community-wide network to increase nature in our everyday lives.

How real-world STEM investigations of urban biodiversity can improve quality of life for all

Educator Summit for the Greater St. Louis Region

JULY 14-16

WHO: Educators (all grades), campus grounds/landscape staff, university faculty and students, and other interested community members. Teams of 2 to 5 individuals per school/district/neighborhood/municipality are encouraged.

WHY: To explore how nature in our neighborhoods—the living landscapes among us—can lead to STEM investigations that tackle real-world urban issues, including protection of our air, water, and soil; human health, wellbeing, and happiness; and economic benefits. To spark dialogue, encourage breakthrough thinking, share brilliant ideas, and inspire the next generation of creative thinkers, problem-solvers, and doers.

WHAT: A 3-day summit where everyone will be able to learn together about the benefits of urban/suburban biodiversity, share successes and struggles, experience places and people throughout the region, connect evidence-based research to practice, enjoy short-form films that focus on the role of nature in urban/suburban living, and think big about nature-inspired ways the greater St. Louis eco-region can grow and thrive.

ARE YOU...

Seeking inspiration for your campus landscape?

Want to expand your students' citizen science repertoire?

Wondering how to transform your school, neighborhood, and community into one big STEM lab?

Looking to promote real-world careers that rely on STEM?



DON'T MISS IT!

Space is limited to first 25 teams of educators.

Registration Deadline
JULY 10, 2014

Learn more and register at

WWW.MOBOT.ORG/SCHOOLPROGRAMS

You can also call Jennifer Hartley at (314) 577-0819 or email teachertraining@mobot.org.

2014 *Nature* Neighborhoods

Educator Summit for the Greater St. Louis Region

MONDAY, JULY 14

Monsanto Center, 4500 Shaw Blvd., St. Louis | 9 a.m. to 4 p.m.
Light breakfast and lunch provided

WELCOME: Dr. Peter Wyse Jackson, President,
Missouri Botanical Garden

VISIONS! A dynamic series of brief, TED-like talks profiling sites, stories, perspectives, and visions from across the St. Louis region that showcase STEM opportunities everywhere:

Greg Brumitt, Great Rivers Greenway
Mitzy Cruzen/Elizabeth Hlavaty, Chesterfield Elementary
Charlie Dill, The Freedom School
John Roberts, Covenant Christian School
Catherine Werner, City of St. Louis
George Yatskievych, Missouri Botanical Garden

PANEL: St. Louis as STEM lab Local professionals sharing insights on how they apply STEM disciplines to real-world challenges:

Tracy Boaz, Missouri Department of Conservation
Jennifer Reiman, East-West Gateway Council of Governments
Roland Biehl, Metropolitan Sewer District
Donna Coble, Forest ReLeaf of Missouri
Hunter Beckham, SWT Design
Stephen Ibendahl, Heartlands Conservancy

Afternoon Movies & Popcorn

The Big Picture: A series of short-form film screenings from across the U.S. and world, showing how cities in the U.S. and world are rallying around urban biodiversity.

TUESDAY, JULY 15

Locations throughout St. Louis City and County | 9 a.m. to 4 p.m.
Participants will be broken out into three (3) groups, to visit field sites throughout the region that demonstrate replicable ways to integrate STEM-drive urban ecology investigations throughout the year

Tour destinations*:

University of Missouri St. Louis – urban ecology campus tour
Gemp Conservation Area – botanizing walk through urban park
Old North St. Louis Land Lab sites – transformation of vacant lots

Transportation on own; Car-pooling is encouraged

Lunch vouchers provided by Chipotle Mexican Grill

*destinations are subject to change

WEDNESDAY, JULY 16

Missouri Botanical Garden | 9 to 11 a.m.
BiodiverseCity STL Demonstration Tour:
Demonstration of biodiverse solutions and citizen science opportunities for school campuses, neighborhoods, homes, and recreational spaces.

Monsanto Center | 11:30 a.m. to 4 p.m.
Lunch Provided

TEAM ACTIVITY:

Use customized mapping and experts to help identify and prioritize action projects within your school/community; Plan/plot out activities as they relate to 1.) curriculum connections; 2.) family/community engagement; 3.) specific action projects/areas.

WHOLE GROUP ACTIVITY:

Teams present to each other; identification of shared areas of interest and opportunities.

REGISTRATION

To foster collaboration, teams of 2 to 5 people from a community are encouraged to attend. A \$150 registration fee covers a team of up to 5 people for the entire 3-day summit, including lunch all 3 days. Limited scholarships available. Learn more and register at www.mobot.org/classes and click on Teacher Professional Development, or call Jennifer Hartley at 314-577-0819 or email teachertraining@mobot.org.

DON'T FORGET!

Graduate credit or continuing education credit is available through the following universities:

Harris-Stowe State University
Lindenwood University
Maryville University
Southern Illinois University–Edwardsville
University of Missouri–St. Louis
Webster University

OUR COLLABORATORS

Academy of Science St. Louis
Chipotle Mexican Grill
City of St. Louis
Education Plus
Lindenwood University
Maryville University
Missouri Charter Public Schools Association
Missouri Department of Conservation

Harris-Stowe State College
Litzinger Road Ecology Center
Sophia M. Sachs Butterfly House
Southern Illinois University–Edwardsville
St. Louis Public Schools
Saint Louis Zoo
University of Missouri–St. Louis
Webster University