



# JESSICA M VOGT

PhD, MPA, MSES

Department of Environmental Science and Studies

College of Science and Health

**DePAUL UNIVERSITY**

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## ACADEMIC APPOINTMENTS

**DePaul University, Department of Environmental Science and Studies, College of Science and Health** (Chicago Illinois USA)

[csh.depaul.edu/departments/environmental-science-studies](http://csh.depaul.edu/departments/environmental-science-studies)

Assistant Professor

Since 2015

**Furman University, Department of Earth and Environmental Sciences** (Greenville South Carolina USA)

Visiting Assistant Professor of Sustainability Science

2014-2015

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## OTHER APPOINTMENTS

*Forestry: An International Journal of Forest Research*, Oxford Press, [forestry.oxfordjournals.org](http://forestry.oxfordjournals.org)

Editor, Urban Forestry & Arboriculture

2015-2017

*Urban Forestry & Urban Greening*, Elsevier, [journals.elsevier.com/urban-forestry-and-urban-greening](http://journals.elsevier.com/urban-forestry-and-urban-greening)

Associate Editor

Since 2015

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## AFFILIATIONS

**Bloomington Urban Forestry Research Group at the Center for the Study of Institutions, Population and Environmental Change** (Bloomington Indiana USA), [indiana.edu/~cipec/research/bufrg\\_about.php](http://indiana.edu/~cipec/research/bufrg_about.php)

Researcher

Since 2014

Graduate Research Assistant

2011-2014

**The Vincent and Elinor Ostrom Workshop in Political Theory and Policy Analysis** (Bloomington Indiana USA),

[ostromworkshop.indiana.edu](http://ostromworkshop.indiana.edu)

Research Associate

2014-2015

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## EDUCATION

*Ph.D., Environmental Science, Minor: Ecology (Biology)*

**2014**

**School of Public and Environmental Affairs, Indiana University** (Bloomington, IN)

GPA: 3.96

Emphasis: Social-Ecological Systems, Urban Ecosystems

Dissertation: "Urban forest maintenance institutions, tree planting, and the success of planted urban trees"

Chair: Burnell C. Fischer (*SPEA, Indiana University*)

Committee: Keith Clay (*Biology, Indiana University*), Richard Hauer (*Forestry & Natural Resources, University of Wisconsin-Stevens Point*), Laurel Cornell (*Sociology, Indiana University*), David Good (*SPEA, Indiana University*)

*Master's of Public Affairs, Master's of Science in Environmental Science*

**2012**

**School of Public and Environmental Affairs, Indiana University** (Bloomington, IN)

GPA: 3.95

Concentrations: Sustainability & Sustainable Development, Applied Ecology

*Bachelor of Arts (Magna Cum Laude, Phi Beta Kappa)*

**2009**

**Lawrence University** (Appleton, WI)

GPA: 3.85

Majors: Environmental Studies, Biology

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## HONORS: RECENT AWARDS 2009-present

Coauthor on paper (Epstein, Vogt, et al. 2013) awarded 2nd annual "Ostrom Memorial Award for Most Innovative

2014

Last updated: 10/07/15

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<b>Paper of the Year” by the <i>International Journal of the Commons</i></b>	
Recipient, <b>Garden Club of America Fellowship</b>	2012, 2013
Casey Fellow, <b>Garden Club of America</b>	2013
Member, Bloomington Urban Forestry Research Group, awarded the inaugural “ <b>Excellence in Research Award</b> ” from the <b>Indiana University Office of Sustainability</b>	2012
Member, <b>Pi Alpha Alpha</b> (Public Affairs Honor Society)	2012
Recipient, <b>Academic Excellence Award, SPEA</b>	2011, 2012
Designated <b>SPEA Scholar</b>	2009-2011
Coauthor on poster (Krause, et al. 2010) awarded <b>2nd place award in 2010 Association for the Advancement of Public Policy and Management poster session</b>	Nov. 2010
Recipient, <b>Byron Fellowship</b>	2010

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## HONORS: INVITED WORKSHOPS & SPECIAL CONFERENCES

Mentor/Returning Fellow, <b>Byron Fellowship</b> ( <a href="http://byronfellowship.org">byronfellowship.org</a> )	2015
Participant, <b>National Socio-environmental Synthesis Center (SESYNC) Workshop</b> on “Assessing student learning of socio-environmental systems: Research, tools, and practice,” Annapolis, Maryland, United States. <i>One of 18 selected participants.</i>	2015
Fellow, <b>Future Earth 2015 Young Scientists Networking Conference</b> sponsored by the International Social Science Council (ISSC) and the International Council for Science (ICSU), Villa Vigoni, Menaggio, Italy. <i>One of 32 early career researchers from around the world selected to participate.</i>	2015
Invited Speaker, <b>Casey Trees Bi-Annual Symposium</b> on “Canopy Connections: Urban Forests for Public Good,” Washington, D. C., United States. <i>One of 4 invited speakers.</i>	2015
Keynote Speaker and Summit Participant, <b>International Society of Arboriculture Research Symposium and Summit</b> on “The Costs of Not Maintaining Trees,” Tampa, Florida, United States. <i>Invited keynote speaker and 1 of 12 summit participants.</i>	2015

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## CURRENT RESEARCH PROJECTS

### Urban Forestry as Interdisciplinary Environmental Studies Since 2014

#### **Furman University, Department of Earth and Environmental Sciences**

*Principal Investigator, with Dr. Burnell C. Fischer (Indiana University, Bloomington) and Dr. Richard Hauer (University of Wisconsin-Stevens Point)*

Cooperating Partners: University of Wisconsin-Stevens Point College of Natural Resources, Indiana University School of Public and Environmental Affairs

### Municipal Forestry Census 2014: Municipal Forestry, Tree Activities, and Management in the U.S. Since 2014

**Principal Investigators: Richard Hauer (University of Wisconsin-Stevens Point) and Ward Peterson (Davey Resource Group)**  
*Collaborator/Cooperating Partner*

Cooperating Partners: University of Wisconsin-Stevens Point College of Natural Resources, Davey Resource Group, Tree Research and Education Endowment (TREE) Fund, Wisconsin Arborist Association, U.S. Forest Service, International Society of Arboriculture, University of Florida Institute of Food and Agricultural Sciences, University of Minnesota Department of Forest Resources, Alliance for Community Trees, Oregon State University College of Forestry, Arbor Day Foundation, Furman University Earth and Environmental Sciences Department

### Evaluating the Outcomes of Neighborhood Urban Forestry [indiana.edu/~cipec/nucfac/](http://indiana.edu/~cipec/nucfac/) Since 2011

**Indiana University, Center for the Study of Institutions, Population and Environmental Change, Bloomington Urban Forestry Research Group**

*Project manager/Collaborator; Principal Investigator: Burnell C. Fischer (Indiana University, Bloomington)*

External support: U.S. Forest Service - National Urban and Community Forestry Advisory Council; U.S. Forest Service - Northern Research Station; Efrogmson Family Fund; Garden Club of America

Indiana University internal support: Indiana University Office of Sustainability; School of Public and Environmental Affairs; Center for the Study of Institutions, Population and Environmental Change; Vincent and Elinor Ostrom Workshop in Political Theory and Policy Analysis

Furman University internal support: Furman University Research and Professional Growth Committee

Partner Organizations: Alliance for Community Trees, Keep Indianapolis Beautiful, Inc., Trees Atlanta, The Greening of Detroit, Pennsylvania Horticultural Society, Forest ReLeaf of Missouri

## **The Costs of Not Maintaining Trees Literature Review**

Since 2012

### **Indiana University, School of Public and Environmental Affairs**

Collaborator, with Dr. Burnell C. Fischer (P.I., Indiana University Bloomington) and Dr. Richard J. Hauer (University of Wisconsin-Stevens Point)

External Support: International Society of Arboriculture Science and Research Committee

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## **REFEREED PUBLICATIONS**

**Vogt J**, Watkins SL, Widney S, Fischer BC (*In press*) **Comparing trees across cities and over time: The need to standardize at-planting data.** *Arborist News*, in press.

**Vogt JM**, Hauer RJ, Fischer BC (*In press [2015 November]*) **The costs of maintaining and not maintaining trees: A review of the urban forestry and arboriculture literature.** *Arboriculture & Urban Forestry*, 41(6): in press.

Hauer RJ, **Vogt J**, Fischer BC (2015) **Growing arboriculture and urban forestry: One student at a time.** *Arborist News*, 24(5): 68-71.

**Vogt JM**, Fischer BC, Hauer RJ (2015) **Urban forestry and arboriculture as interdisciplinary environmental science: Importance and incorporation of other disciplines.** *Journal of Environmental Studies and Sciences*, in press. DOI: 10.1007/s13412-015-0309-x. <http://link.springer.com/article/10.1007/s13412-015-0309-x>

Epstein G, Pittman J, Alexander S, Berdej S, Dyke T, Kreitmair UW, Villamayor Tomas S, **Vogt JM**, Armitage DR. (2015) **Institutional fit and the sustainability of social-ecological systems.** *Current Opinion in Environmental Sustainability*, 14: 34-40 <http://www.sciencedirect.com/science/article/pii/S1877343515000275#>  
*Product of the Integrating Ecology with the Social-Ecological Systems Framework Working Group of the Vincent & Elinor Ostrom Workshop in Political Theory and Policy Analysis*

**Vogt JM**, Epstein G, Mincey SK, Fischer BC, McCord P (2015) **Putting the “E” in SES: Unpacking the ecology in the social-ecological systems framework.** *Ecology & Society* 20(1): 55. <http://www.ecologyandsociety.org/vol20/iss1/art55/>  
*Product of the Integrating Ecology with the Social-Ecological Systems Framework Working Group of the Vincent & Elinor Ostrom Workshop in Political Theory and Policy Analysis*

Hauer RJ, **Vogt JM**, Fischer BC (2015) **What is the cost of not maintaining the urban forest?** *Arborist News*, 24(1): 12-17.

**Vogt JM**, Watkins SL, Mincey SK, Patterson M, Fischer BC (2015) **Explaining planted-tree survival and growth in urban neighborhoods: A study of recently-planted trees in Indianapolis.** *Landscape & Urban Planning*, 136: 130-143. DOI: 10.1016/j.landurbplan.2014.11.021. <http://www.sciencedirect.com/science/article/pii/S0169204614002898>

**Vogt JM**, Fischer BC (2014) **A protocol for citizen science monitoring of urban trees.** *Cities and the Environment*, 7(2):4. <http://digitalcommons.lmu.edu/cate/vol7/iss2/4/>

Sedlock JL, Jose R, **Vogt JM**, Paguntalan JML, Cariño A (2014) **A survey of bats in a karst landscape in the central Philippines.**

*Acta Chiropterologica*, 14(1): 197-211. DOI: 10.3161/150811014X683390,  
<http://www.bioone.org/doi/abs/10.3161/150811014X683390>

Epstein G, **Vogt JM**, Cox M, Shimek L (2014) **Confronting problems of method in the study of sustainability**. *Forest Policy and Economics*, 42: 42-50. DOI: 10.1016/j.forpol.2014.02.006, <http://www.sciencedirect.com/science/article/pii/S138934114000379>

Mincey SK, **Vogt JM** (2014) **Watering strategy, collective action, and neighborhood-planted trees: An Indianapolis case study**. *Arbiculture & Urban Forestry*, 40(2): 84-95, <http://auf.isa-arbor.com/articles.asp?JournalID=1&VolumeID=40&IssueID=2>

Mincey SK, Hutten M, Fischer BC, Evans T, Stewart S, **Vogt JM** (2013) **Structuring institutional analysis for urban ecosystems: A key to sustainable urban forest management**. *Urban Ecosystems*, 16: 553-571. DOI: 10.1007/s11252-013-0286-3, <http://link.springer.com/article/10.1007/s11252-013-0286-3>

Epstein G, **Vogt JM**, Mincey SK, Cox M, Fischer BC (2013) **Missing ecology: Integrating ecological perspectives with the social-ecological system framework**. *International Journal of the Commons*, 7(2): 432-453.  
<http://www.thecommonsjournal.org/index.php/ijc/article/view/371/331>

*Product of the Integrating Ecology with the Social-Ecological Systems Framework Working Group of the Vincent & Elinor Ostrom Workshop in Political Theory and Policy Analysis; Winner of the International Journal of the Commons Ostrom Memorial Award for Most Innovative Paper of the Year, 2013*

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## MANUSCRIPTS UNDER REVIEW

Watkins SL, Mincey SK, **Vogt J**, Sweeney SS (*Revise and resubmit*) **Is planting equitable? An examination of the spatial distribution of nonprofit urban street tree planting programs**. Revise and resubmit at *Environment and Behavior*.

Koeser AK, **Vogt JM**, Northrop RJ, Hauer RJ, Peterson W (*In review*) **The cost of not maintaining trees: Findings from an international symposium and summit**. Submitted to *Arbiculture & Urban Forestry*.

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## MANUSCRIPTS IN PREPARATION \*Denotes undergraduate coauthor

Fischer BC, Widney SE, **Vogt JM**, Farmer JR (*In preparation*) **The roles of environmental nonprofits in delivering tree planting and lake monitoring services for government agencies**.

**Vogt JM**, Fischer BC, \*Couvillion WH (*In preparation*) **Exploring the relationship between the urban forestry and community sustainability programs of Tree City USA municipalities in Indiana**. To be submitted to *Cities and the Environment*.

Widney SE, Fischer BC, **Vogt JM** (*In preparation*) **Projecting future benefits of recently planted trees in three U.S. cities using i-Tree Streets**. To be submitted to *Urban Forestry & Urban Greening*.

**Vogt J**, Watkins SL, Bergmann RA, Fischer BC, Mincey SK, Westphal L, Widney S. (*In preparation*) **Young planted trees in 5 U.S. cities: Survival, growth and condition summarized by social-ecological parameters**.

Watkins SL, **Vogt JM**, Mincey SK, Fischer BC, Bergmann RA, Widney SE, Westphal L, Sweeney S (*In preparation*) **Examining the relationship between collective action and community capacity of neighborhood residents: Do nonprofit and neighborhood tree plantings projects improve communities?**

**Vogt JM**, Fischer BC, Mincey SK, Watkins SL, Westphal L (*In preparation*) **Co-managing the urban forest commons: A comparative assessment of five nonprofit tree-planting programs**. To be submitted to *International Journal of the Commons*.

**Vogt JM** (*In preparation*) **Urban forestry in the Anthropocene**.

**Vogt JM** (*In preparation*) **Street tree maintenance strategies, maintenance recommendations, and tree condition ratings.**

**Vogt JM**, Hauer RJ, Fischer BC (*In preparation*) **The costs of not maintaining trees: What can we learn from other fields?** To be submitted to *Arboriculture & Urban Forestry* (under contract with the International Society of Arboriculture).

**Vogt JM**, Mincey SK (*In preparation*) **Planted tree re-inventory as citizen science.**

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## REPORTS & WHITE PAPERS \*Denotes undergraduate coauthor

Widney S, Fischer BC, Mincey SK, **Vogt JM**, Watkins SL, Bergmann R, Westphal L (2015 Feb) **Forest ReLeaf of Missouri Planted Tree Re-Inventory Report: Survival, Condition, and Benefits of Recently Planted Trees.** Bloomington, IN: Bloomington Urban Forest Research Group at the Center for the Study of Institutions, Population and Environmental Change, Indiana University. 15 pp. <http://www.indiana.edu/~cipec/research/Forest%20ReLeaf%20of%20MO%20Planted%20Tree%20Re-Inventory%20Report.pdf>  
Brochure also available: <http://www.indiana.edu/~cipec/research/Forest%20ReLeaf%20of%20MO%20Brochure.pdf>

Widney S, Fischer BC, Mincey SK, **Vogt JM**, Watkins SL, Bergmann R, Westphal L (2015 Feb) **The Greening of Detroit Planted Tree Re-Inventory Report: Survival, Condition, and Benefits of Recently Planted Trees.** Bloomington, IN: Bloomington Urban Forest Research Group at the Center for the Study of Institutions, Population and Environmental Change, Indiana University. 15 pp. <http://www.indiana.edu/~cipec/research/Greening%20of%20Detroit%20Planted%20Tree%20Re-Inventory%20Report.pdf>  
Brochure also available: <http://www.indiana.edu/~cipec/research/Greening%20of%20Detroit%20Brochure.pdf>

Widney S, Fischer BC, Mincey SK, **Vogt JM**, Watkins SL, Bergmann R, Westphal L (2015 Feb) **Keep Indianapolis Beautiful, Inc. Planted Tree Re-Inventory Report: Survival, Condition, and Benefits of Recently Planted Trees.** Bloomington, IN: Bloomington Urban Forest Research Group at the Center for the Study of Institutions, Population and Environmental Change, Indiana University. 15 pp. <http://www.indiana.edu/~cipec/research/Keep%20Indy%20Beautiful%20Planted%20Tree%20Re-Inventory%20Report.pdf>  
Brochure also available: <http://www.indiana.edu/~cipec/research/Keep%20Indy%20Beautiful%20Brochure.pdf>

Widney S, Fischer BC, Mincey SK, **Vogt JM**, Watkins SL, Bergmann R, Westphal L (2015 Feb) **Pennsylvania Horticultural Society Planted Tree Re-Inventory Report: Survival, Condition, and Benefits of Recently Planted Trees.** Bloomington, IN: Bloomington Urban Forest Research Group at the Center for the Study of Institutions, Population and Environmental Change, Indiana University. 15 pp. <http://www.indiana.edu/~cipec/research/Penn%20Horticultural%20Society%20Planted%20Tree%20Re-Inventory%20Report.pdf>  
Brochure also available: <http://www.indiana.edu/~cipec/research/Penn%20Horticultural%20Society%20Brochure.pdf>

Widney S, Fischer BC, Mincey SK, **Vogt JM**, Watkins SL, Bergmann R, Westphal L (2015 Feb) **Trees Atlanta Planted Tree Re-Inventory Report: Survival, Condition, and Benefits of Recently Planted Trees.** Bloomington, IN: Bloomington Urban Forest Research Group at the Center for the Study of Institutions, Population and Environmental Change, Indiana University. 15 pp. <http://www.indiana.edu/~cipec/research/Trees%20Atlanta%20Planted%20Tree%20Re-Inventory%20Report.pdf>  
Brochure also available: <http://www.indiana.edu/~cipec/research/Trees%20Atlanta%20Brochure.pdf>

**Vogt JM**, Mincey SK, Fischer BC, Patterson M (2014) **Planted Tree Re-Inventory Protocol, Version 1.1.** Bloomington, IN: Bloomington Urban Forest Research Group at the Center for the Study of Institutions, Population and Environmental Change, Indiana University. 96 pp. [http://www.indiana.edu/~cipec/research/bufrg\\_protocol.php](http://www.indiana.edu/~cipec/research/bufrg_protocol.php).

**Vogt JM**, Mincey SK, Fischer BC, Patterson M (2013) **Planted Tree Re-Inventory Protocol, Version 1.0.** Bloomington, IN: Bloomington Urban Forest Research Group at the Center for the Study of Institutions, Population and Environmental Change, Indiana University. 93 pp. [http://www.indiana.edu/~cipec/research/bufrg\\_protocol.php](http://www.indiana.edu/~cipec/research/bufrg_protocol.php).

Fischer BC, \*McClain K, Mincey SK, Myers N, **Vogt JM** (2012) **City of Bloomington Public Tree Inventory - 2012.** 18 pp.



[http://www.indiana.edu/~cipec/research/bufrg\\_pub\\_Bton%20Neighb%20Report\\_12-27-12.pdf](http://www.indiana.edu/~cipec/research/bufrg_pub_Bton%20Neighb%20Report_12-27-12.pdf).

Babbin P, Chan J, Chaturvedi R, Cox M, Epstein G, Grebreegziabhber Z, Larsson J, Lewis J, Nath S, Nold K, Priyadarshini P, Salk C, **Vogt JM**, Fischer BC, Tucker C (2011) **Revisiting the Lothlorien Nature Sanctuary**. International Forestry Resources and Institutions (IFRI) Case Study Report. Working Paper W11I-24. The Vincent and Elinor Ostrom Workshop in Political Theory and Policy Analysis, Indiana University, Bloomington, IN.

**Vogt J**, with Good D, Maull P (2010) **Description of the problem and policy alternatives for transportation demand management at Indiana University (With a focus on parking-related TDM strategies)**. Prepared for the Transportation Working Group of the Indiana University Sustainability Advisory Board and the IU Office of Sustainability. Indiana University Office of Sustainability, Indiana University Bloomington, IN. 42 pp. <http://sustain.indiana.edu/programs/internship-program-in-sustainability/docs/final-reports/SU10/Vogt-SU10.pdf>

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**INVITED RESEARCH TALKS** *Slides from many of my presentations available for download on my ResearchGate profile:*  
[https://www.researchgate.net/profile/Jess\\_Vogt](https://www.researchgate.net/profile/Jess_Vogt)

**Vogt JM** (2015) **Social Benefits of Greening: Urban Forestry in the Anthropocene**. *Canopy Connections: Urban Forests for Public Good*, symposium organized by Casey Trees, March 25, 2015, Carnegie Institution for Science, Washington, D.C., United States.

**Vogt JM** (2015) **The Costs of Not Maintaining Trees Literature Review**. *The Costs of Not Maintaining Trees: A Research Symposium*, March 18-19, 2015, Patel College of Global Sustainability, University of South Florida, Tampa, Florida, United States.

**Vogt JM**, Hauer RJ, Fischer BC (2014) **The Costs of Not Caring for Trees**. *Minnesota Shade Tree Short Course*, March 18-19, 2014, St. Paul, Minnesota, United States.

**Vogt JM** (2013) **Planted Tree Re-Inventory Protocol**. *Indiana Urban Forest Council Meeting*, February 12, 2013, Bloomington, Indiana, United States.

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**CONFERENCE PROCEEDINGS – Presenter** *Slides from many of my presentations available for download on my ResearchGate profile:* [https://www.researchgate.net/profile/Jess\\_Vogt](https://www.researchgate.net/profile/Jess_Vogt)

**Vogt JM**, Watkins SL, Mincey SK, Fischer BC, Widney S, Bergmann R, Westphal L, Sweeney S (2015) **Neighborhood and nonprofit urban forestry: Results of a 5-city study**. *International Society of Arboriculture 2015 Annual International Conference and Trade Show*, August 8-12, 2015, Orlando, Florida, United States. (Co-Presenter)

**Vogt JM**, Fischer BC, Hauer RJ (2015) **The challenging and rewarding relationship between urban forestry and interdisciplinary environmental studies programs**. *Association for Environmental Studies and Sciences 2015 Conference: Confronting Frontiers, Borders, and Boundaries*, June 24-27, 2015, San Diego, California, United States. (Presenter)

**Vogt JM** (2015) **Neighborhood and nonprofit urban forestry: Results of a 5-city study**. *Future Earth 2015 Young Scientists Networking Conference*, sponsored by the *International Social Science Council (ISSC)* and the *International Council for Science (ICSU)*, May 24-30, 2015, Villa Vigoni, Menaggio, Italy. (Poster)

**Vogt JM**, Widney SE, Watkins SL, Mincey SK, Fischer BC, Bergmann R, Sweeney S, Westphal L (2015) **Tree survival in social-ecological systems: Results of a 5-city study**. *Association of American Geographers 2015 Annual Meeting*, April 21-25, 2015, Chicago, Illinois, United States. (Presenter)

**Vogt JM**, Fischer BC (2014) **Trees and people: A comparative assessment of five non-profit tree planting programs**. *2014 Partners in Community Forestry Conference*, November 5-6, 2014, Charlotte, North Carolina, United States. (Presenter)

Fischer BC, Vogt JM (2014) **Trees and people: Assessing urban greening organizations' neighborhood tree planting program outcomes – An interactive session with researchers.** *Alliance for Community Trees (ACTrees) Day at the 2014 Partners in Community Forestry Conference*, November 4, 2014, Charlotte, North Carolina, United States. (Co-presenter)

Vogt JM, Watkins SL, Mincey SK, Patterson MS, Fischer BC (2014) **Explaining planted-tree survival and growth in urban neighborhoods using a social-ecological systems perspective: A study of recently-planted trees in Indianapolis (United States).** *International Society of Arboriculture 2014 Annual International Conference and Trade Show*, August 2-6, 2014, Milwaukee, Wisconsin, United States. (Presenter; part of the symposium entitled “Urban Forestry through the Lens of Tree Growth and Longevity”)

Vogt JM, Hauer RJ, Fischer BC (2013) **The costs of not maintaining trees: Results of a literature review.** *International Society of Arboriculture 2013 Annual International Conference and Trade Show*, August 4-7, 2013, Toronto, Ontario, Canada. (Presenter)

Watkins SL, Mincey SK, Vogt JM, Bergmann R, Fischer BC (2013) **A research design for evaluating the outcomes of neighborhood and nonprofit urban forestry.** Workshop Colloquia presentation at The Vincent and Elinor Ostrom Workshop in Political Theory and Policy Analysis, April 17, 2013, Indiana University, Bloomington, Indiana, United States. (Co-presenter, Paper co-author) Paper available:  
[http://www.indiana.edu/~workshop/colloquia/materials/papers/ForestryGrp\\_Research%20Design\\_NUCFAC\\_.pdf](http://www.indiana.edu/~workshop/colloquia/materials/papers/ForestryGrp_Research%20Design_NUCFAC_.pdf)

Vogt JM, Watkins SL (2013) **Modeling urban tree growth and survival as social-ecological systems.** *Association of SPEA PhD Students Conference*, March 29, 2013, School of Public and Environmental Affairs, Indiana University, Bloomington, Indiana, United States. (Presenter)

Vogt JM, Mincey SK, Patterson M, Fischer BC (2012) **Predicting urban tree success: Establishment, maintenance, growth and condition of neighborhood-initiated tree plantings.** *International Society of Arboriculture 2012 Annual International Conference and Trade Show*, August 11-15, 2012, Portland, Oregon, United States. (Presenter)

Vogt JM, Mincey SK, Fischer BC (2012) **Evaluating the biophysical and social results of Keep Indianapolis Beautiful's urban tree plantings as a social-ecological system.** *Life on Earth: Preserving, Utilizing and Sustaining our Ecosystems: 97th Annual Meeting of the Ecological Society of America*, August 5-10, 2012, Portland, Oregon, United States. (Presenter)

Vogt JM, Wilson M, Swilik J (2012) **Engaging high school students in urban tree growth research.** *National Workshop on Public Participation in Scientific Research*, August 3-4, 2012, Portland, Oregon, United States. (Poster)

Vogt JM, Mincey SK, Patterson M, Fischer BC (2012) **Predicting urban tree success: Modeling tree growth in neighborhood-initiated tree plantings.** *Disturbed Environments - Ecological Impact & Management: Mid-Atlantic Chapter, Ecological Society of America, Annual Meeting*, April 14-15, 2012, Blacksburg, Virginia, United States. (Poster)

Epstein G, Vogt JM (2012) **Ecological gaps in forest commons research: Exploring the implications of missing ecological variables.** *Association of SPEA PhD Students Conference*, March 23, 2012, School of Public and Environmental Affairs, Indiana University, Bloomington, Indiana, United States. (Co-presenter)

Vogt JM, Mincey SK, Patterson M, Fischer BC (2012) **Predicting survival, growth, and condition of community-planted street trees in Indianapolis, IN.** *Women in Science Research Conference 2012*, March 9, 2012, Indiana University, Bloomington, Indiana, United States. (Poster)

Vogt JM, Mincey SK, Fischer BC (2011) **Establishment and growth of community-planted street trees in Indianapolis, IN: Presentation of a data collection methodology and preliminary results.** *Urban Tree Growth: An International Meeting &*

*Research Symposium of the International Society of Arboriculture*, September 12-13, 2011, The Morton Arboretum, Lisle, Illinois, United States. (Poster)

**Vogt JM, Fischer BC (2010) Tree City USA: A potential catalyst for broader sustainable community initiatives?** *International Society of Arboriculture 2010 Conference & Trade Show*, July 24-27, 2010, Navy Pier Convention Center, Chicago, Illinois, United States. (Poster)

**Vogt JM**, with Good D, Maull P (2010) **The case for transportation demand management at Indiana University.** *Indiana University Office of Sustainability Summer Internship Symposium 2010*, August 13, 2010, Indiana University, Bloomington, Indiana, United States. (Poster)

**Vogt J, McDaniel, J (2008) Growing pains: The evolution of a sustainable garden on a small college campus.** *Upper Midwest Association for Campus Sustainability (UMACS) Regional Meeting: Creating Sustainable Connections*, April 18-20, 2008, Luther College, Decorah, Iowa, United States. (Co-presenter)

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#### CONFERENCE PROCEEDINGS – Coauthor \*Denotes undergraduate presenter

Widney SE, **Vogt J**, Fischer BC. (2015) **Estimating current and future benefits of recently planted trees with i-Tree Streets: Successes, challenges, and lessons learned.** *Arboriculture Research and Education Academy (AREA) Student Presentations. International Society of Arboriculture 2015 Annual International Conference and Trade Show*, August 8-12, 2015, Orlando, Florida, United States. (Coauthor on presentation)

Mincey SK, **Vogt JM**, Watkins SL, Fischer BC, Widney S, Bergmann R, Westphal L, Sweeney S (2015) **Neighborhood and nonprofit urban forestry: Results of a 5-city study.** *Association for Environmental Studies and Sciences 2015 Conference: Confronting Frontiers, Borders, and Boundaries*, June 24-27, 2015, San Diego, California, United States. (Coauthor on presentation)

\*Couvillion WH, **Vogt JM**, Halfacre A (2015) **Sustainable urban regeneration: How urban development in the American South embodies the main tenets of sustainable development** *Association of American Geographers 2015 Annual Meeting*, April 21-25, 2015, Chicago, Illinois, United States. (Coauthor on poster; Undergraduate thesis product)

Watkins SL, Mincey SK, Sweeney S, **Vogt JM**, Widney SE, Fischer BC, Bergmann R, Westphal L (2015) **The distributional results of current land-use decisions: Might nonprofit street tree plantings reduce disparity in urban canopy cover?** *Association of American Geographers Annual Meeting*, April 21-25, 2015, Chicago, Illinois, United States. (Coauthor on presentation)

Fischer BC, Farmer JR, **Vogt JM**, Widney SE (2015) **The roles of environmental nonprofits in delivering tree planting and lake monitoring services for government agencies.** *Advancing the Field(s) of Nonprofit Management: New Structures, New Solutions*, April 16-18, 2015, Indiana University, Bloomington, Indiana, United States. (Coauthor on presentation and paper)

Watkins SL, Mincey SK, Sweeney S, **Vogt JM**, Widney SE, Fischer BC, Bergmann R, Westphal L (2015) **Do nonprofit street tree plantings reduce neighborhood disparity in urban canopy cover?** *Association of SPEA PhD Students Conference*, April 17, 2015, School of Public and Environmental Affairs, Indiana University, Bloomington, Indiana, United States. (Coauthor on presentation)

Widney SE, **Vogt JM**, Fischer BC (2015) **Survival, growth rates, and benefits of recently planted urban trees.** *Indiana Academy of Science 130<sup>th</sup> Annual Meeting*, March 21, 2015, Indianapolis, Indiana, United States. (Coauthor on presentation)

Watkins SL, **Vogt JM**, Mincey SK, Fischer BC, Bergmann RA, Widney SE, Westphal L, Sweeney S (2014) **Examining the relationship between collective action and collective efficacy of neighborhood residents: Do neighborhood street tree plantings yield social benefits?** *Association for Public Policy Analysis and Management Annual Conference*, November 6-8, 2014, Albuquerque, New Mexico, United States. (Coauthor on presentation)



Watkins SL, **Vogt JM**, Mincey SK, Fischer BC, Bergmann RA, Widney SE, Westphal L, Sweeney S. (2014) **Does participation in nonprofit urban tree-planting programs improve neighborhoods? Examining the impact of collective action on neighborhood residents.** *International Union of Forest Resource Organizations World Conference*, October 5-11, 2014, Salt Lake City, Utah, United States. (Coauthor on poster)

Watkins SL, **Vogt JM**, Mincey SK, Fischer BC, Bergmann RA, Widney SE, Westphal L, Sweeney S (2014) **Does participation in nonprofit urban tree-planting programs improve neighborhoods? Examining the impact of collective action on neighborhood residents.** Arboriculture Research and Education Academy (AREA) Student Presentations. *International Society of Arboriculture 2014 Annual International Conference and Trade Show*, August 2-6, 2014, Milwaukee, Wisconsin, United States. (Coauthor on presentation)

Bergmann RA, Watkins SL, **Vogt JM**, Mincey SK, Fischer BC, Widney SE, Westphal L, Sweeney S (2014) **Tree survival in urban neighborhoods: Examining the role of community knowledge.** Arboriculture Research and Education Academy (AREA) Student Presentations. *International Society of Arboriculture 2014 Annual International Conference and Trade Show*, August 2-6, 2014, Milwaukee, Wisconsin, United States. (Coauthor on presentation)

Widney SE, **Vogt JM**, Patterson M, Bergmann R, Mincey SK, Fischer BC (2014) **Is the Urban Site Index (USI) a good predictor of growth rate or condition of recently planted trees?** *International Society of Arboriculture 2014 Annual International Conference and Trade Show*, August 2-6, 2014, Milwaukee, Wisconsin, United States. (Coauthor on poster)

Epstein G, **Vogt JM**, Mincey SK (2012) **Towards an interdisciplinary social-ecological system (SES) framework.** *The EcoSummit 2012*, September 27 - October 5, 2012, Columbus, Ohio, United States. (Coauthor on presentation)

Mincey SK, Krause RM, **Vogt JM** (2010) **Tying local policy, management, and institutional arrangements to environmental outcomes: The role of urban forests in municipal sustainability initiatives.** *Association for the Advancement of Public Policy and Management 2010 Conference*, November 4-6, 2010, Boston, Massachusetts, United States. (Coauthor on poster - awarded 2<sup>nd</sup> place in APPAM poster session.)

Sedlock JL, Jose R, **Vogt J**, Paguntalan L, Carino P (2009) **A survey of bats, caves and cave disturbance on Bohol Island.** *Wildlife Conservation Society of the Philippines Symposium*, April 2009, Baguio, Philippines. (Coauthor on poster)

Sedlock JL, Jose R, **Vogt J**, Paguntalan L, Carino P (2008) **A survey of bats, caves and cave disturbance on Bohol Island.** 38<sup>th</sup> *North American Bat Research Symposium*, October 2008, Scranton, Pennsylvania, United States. (Coauthor on poster)

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## GRANTS – Principal Investigator

**Furman University Research and Professional Growth Committee**

**2014-2015**

P.I.: **Jessica M. Vogt**

Proposal title: *Impacts of neighborhood tree planting projects: Results of qualitative interview analysis*

**\$670** awarded to purchase an NVivo software license to support qualitative neighborhood interview analysis of “Trees and People” project

**Indiana University Office of Sustainability, Graduate Sustainability Research Development Grant**

**2013-2014**

P.I.: **Jessica M. Vogt**

Faculty mentor: Burnell C. Fischer

Proposal title: *Evaluating the Social Outcomes of Neighborhood Urban Tree Planting: Does Tree Planting Improve Neighborhood Sustainability?*

**\$5,000** awarded over 12 months to enhance the social survey methodology by adding comparison groups to the research design and

*Last updated: 10/07/15*

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increasing the sample size for the National Urban and Community Forestry Advisory Council grant “Trees and People” project (see below).

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## GRANTS – Collaborator/Proposal Author

### The Vincent & Elinor Ostrom Workshop in Political Theory and Policy Analysis 2015-2016

P.I.: Burnell C. Fischer

Collaborators: **Jessica M. Vogt** (Furman University), Sarah K. Mincey (Indiana University), Robert Neary (Keep Indianapolis Beautiful, Inc.), Bill Kincius (City of Indianapolis), Adena Rissman (University of Wisconsin-Madison), Lynne Westphal (US Forest Service Northern Research Station)

Proposal title: *Reshaping urban forests as social-ecological systems: ecological boundaries and indicators for urban forest management*

**\$15,000** awarded for Ph.D. student (stipend) and master’s student (hourly) research assistant support and conference travel

### U.S. Forest Service, Northern Research Station 2013-2015

P.I.s: Burnell C. Fischer

Collaborators: **Jessica M. Vogt**, Sarah K. Mincey, Shannon Lea Watkins, Rachael Bergmann

Proposal title: *Evaluating the impacts for neighborhoods from nonprofit urban forestry*

**\$35,000** awarded over 18 months to expand household surveying capacity on the “Evaluating the Outcomes of Neighborhood Urban Forestry” project.

### U.S. Forest Service, National Urban and Community Forestry Advisory Council 2012-2015

P.I.: Burnell C. Fischer

Collaborators: **Jessica M. Vogt**, Sarah K. Mincey, Shannon Lea Watkins

Project Partners: Alliance for Community Trees (College Park, MD); Keep Indianapolis Beautiful, Inc. (Indianapolis, IN); Pennsylvania Horticultural Society (Philadelphia, PA); Trees Atlanta (Atlanta, GA); Greening of Detroit (Detroit, MI); Forest ReLeaf of Missouri (St. Louis, MO); Furman University (Greenville, SC)

Proposal title: *“Trees and People” – A Two-Way Street: A Research Program to Assess the Direct and Indirect Effects of Urban Tree Planting Programs in the Face of Climate Change*

**\$173,206** awarded (plus \$188,365 provided in matching funds) over 20 months to begin a holistic evaluation of urban tree planting programs in 6 cities across the United States.

### Indiana University Office of Sustainability, Sustainability Research Development Grant 2012-2013

P.I.: Burnell C. Fischer

Co-P.I.s: **Jessica M. Vogt**, Matt Patterson

Proposal title: *Developing an Urban Site Index (USI) for Sustainable Urban Tree Planting Programs*

**\$9,885** awarded over 12 months to collect and process soil samples and tree inventory data from Bloomington, IN, street tree planting locations to develop a research justification for the Urban Site Index (USI) developed by Ohio Urban Foresters, Stephanie Miller and Alan Seiwert and develop a larger grant proposal for regional expansion of the USI.

### Indiana Department of Natural Resources, Division of Forestry, Community & Urban Forestry Program 2012-2013

P.I.: Burnell C. Fischer

Collaborator: **Jessica M. Vogt**

Proposal title: *Comparing the Success of Volunteer-planted and City-planted Trees: Testing the Generalizability of a Young Tree Re-inventory Protocol in Bloomington, IN*

**\$4,590** awarded as part of the “Trees in the Urban Forest” grant opportunity to re-inventory recently planted trees in the City of Bloomington and compare the growth and success of these trees planted by the nonprofit Keep Indianapolis Beautiful, Inc., in Indianapolis, IN.

## CONTRACTS – Principal Investigator

### International Society of Arboriculture, Science and Research Committee

2012-2014

Contracted to: Burnell C. Fischer, **Jessica M. Vogt**, Richard Hauer

Proposal title: *Comprehensive Literature Review of the Costs of Not Maintaining Trees*

**\$14,878** awarded over 24 months to conduct a contracted/commissioned literature review.

### City of Bloomington, Indiana, Parks and Recreation Department

2012

Contracted to: Burnell C. Fischer, **Jessica M. Vogt**

Proposal title: *Bloomington Urban Tree Inventory Priority Projects*

**\$4,000** awarded to complete a young street tree, park and trail, and downtown core inventories and analyses for the City of Bloomington street tree inventory during summer 2012.

### Efroymsen Family Fund/Keep Indianapolis Beautiful, Inc. (KIB)

2011-2013

Contracted to: Burnell C. Fischer, **Jessica M. Vogt**, Sarah K. Mincey

Proposal title: *Sustainable Urban Forest Management: Predicting Tree Success in Indianapolis NeighborWoods*

**\$35,000** awarded over 2 years to conduct research on the survival and growth of trees planted by neighborhoods through KIB's NeighborWoods program.

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## TEACHING & ADVISING *Teaching Portfolio available upon request*

### Courses Taught as Instructor-of-Record

#### Department of Environmental Science and Studies, College of Science and Health, DePaul University (Chicago Illinois USA)

*ENV 151: Introduction to Sustainability* (Fall quarter 2015, scheduled for Winter and Spring quarters 2016)

*ENV 294: Second Year Seminar* (scheduled Winter quarter 2016)

*ENV 390: Special Topics: Urban Forests as Social-Ecological Systems*, with lab (scheduled Spring quarter 2016)

#### Department of Earth and Environmental Sciences, Furman University (Greenville South Carolina USA)

*SUS 120: Principles of Sustainability Science*, with lab (Fall term 2014, Spring term 2015)

*SUS 241: Social Systems*, with lab (Spring term 2015)

#### School of Public and Environmental Affairs, Indiana University (Bloomington Indiana USA)

*SPEA E422: Urban Forest Management* (Fall term 2014)

*SPEA E422: Terrestrial Habitat Analysis*, with lab (Fall terms 2012, 2013)

### Guest Lectures

#### School of Public and Environmental Affairs, Indiana University (Bloomington Indiana USA)

*SPEA V621: Teaching in Public and Environmental Affairs* (Instructor-of-Record: George Rehrey): “How to Teach a Bottleneck Lesson” (27 Jan 2015, 28 Jan 2014, 15 Jan 2013)

*SPEA E422/E522: Urban Forest Management* (Instructor-of-Record: Burnell C. Fischer): “Resilience in the Urban Forest” (3 Feb 2010) and “Doing Research in the Urban Forest” (9 Feb 2012)

*SPEA E400: Campus Sustainability* (Instructor-of-Record: Paul Schneller): “Transportation Demand Management at IU” (10 Nov 2010, 7 April 2011);

### Teaching Assistant

#### School of Public and Environmental Affairs, Indiana University (Bloomington Indiana USA)

*SPEA E555: Urban Ecology* (Fall term 2011, Instructor-of-Record: Burnell C. Fischer)

*SPEA E422/E522: Urban Forest Management* (Spring term 2011, Instructor-of-Record: Burnell C. Fischer)

*SPEA E400: Environmental Sustainability* (Spring term 2010, Instructor-of-Record: Melissa Clark)

*SPEA E442/E555: Terrestrial Habitat Analysis* (Fall terms 2009, 2010, Instructor-of-Record: Melissa Clark)

### Thesis Supervision

Couvillion, W. Hayden, Bachelor's of Science in Sustainability Science, *Furman University*, 2015, **Sustaining the South: The Movement of Southern Urban Cores Towards Sustainable Development.**

Sahm, Mark, Bachelor's of Science in Environmental Science, *School of Public and Environmental Science, Indiana University Bloomington*, 2014, **The Effects of Size, Distance, and History on Urban Forest Patches.**

### Other Teaching Experience

Writing, Content, English as a Second Language, and Oral Communications Tutor, 2006-2009, *Center for Teaching and Learning*, Lawrence University (Appleton Wisconsin USA)

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## SERVICE: UNIVERSITY, PROFESSIONAL, & DISCIPLINARY COMMITMENTS

### University Service – DePaul University

ENV Department: Assessment Committee

### University Service – Furman University

Participated in *General Education Requirements (GER) Assessment* (“Empirical Studies: Natural World”) for SUS 120: Principles of Sustainability Science, Spring 2015

Speaker, 2014, *Campus Arbor Day Celebration*

Affiliated Faculty, 2014-15, *Shi Center for Sustainability*

### University Service – Indiana University

Member, 2013-14, *Teaching and Learning Faculty Committee*, School of Public and Environmental Affairs

Professional Development Chair, 2013-14, and Conference Chair, 2012-13, *Association of SPEA Ph.D. Students*, School of Public and Environmental Affairs

Campus Catalyst Awards Judge, 2013, and Transportation Working Group Member, 2010-11, *Indiana University Office of Sustainability*

Workshop Assistant, “Three Strategies for Classroom Success,” 2012-13, *Center for Innovative Teaching and Learning*

MPA/MSES Program Student Ambassador, 2009-12, *Master's Program Office*, School of Public and Environmental Affairs

### Disciplinary Leadership

*Byron Fellowship* (<http://www.byronfellowship.org>), Mentor/Returning Fellow 2015

*International Society of Arboriculture*, Student Subcommittee of the Membership Committee, Member 2013-present, and Urban Tree Growth & Longevity Working Group, Member 2012-present, and Vice-Chair-Elect for 2016

### Current Association Memberships

*Association of American Geographers* (since 2014), *Association for Environmental Studies and Sciences* (since 2014), *Ecological Society of America* (since 2012), *International Association of the Study of the Commons* (since 2015), *International Society of Arboriculture* (since 2010), *Urban Affairs Association* (since 2014)

### Referee Activity

Journals: *International Journal of the Commons*, *Sustainability*, *Urban Forestry & Urban Greening*

Grants: Earthwatch Institute

Textbooks: Oxford University Press

Other: U.S. Forest Service Northern Research Station (non-blind external reviewer)

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## SERVICE: TALKS & PRESENTATIONS

**Vogt JM** (2014) **Caves and Cave Bats in the Central Philippines**. Caving Club at Indiana University, February 5, 2014, Bloomington, IN.

**Vogt JM** (2013) **City of Bloomington 2012 Public Tree Sample Inventory**. City of Bloomington Board of Park Commissioners Meeting, February 26, 2013, Bloomington, IN.

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## OUTREACH & PRESS: BLOG POSTS & NEWSLETTER ARTICLES

Patterson J, Koch F, Bowen K, with **Vogt J**, Cradock-Henry N, Häyhä T, Jamea EM, Barbi F (2015) “How can we prevent the UN’s Sustainable Development Goals from failing?” *The Conversation*, July 30, 2015, <https://theconversation.com/how-can-we-prevent-the-uns-sustainable-development-goals-from-failing-45282>

*Blog also picked up and re-posted by the World Economic Forum’s “Agenda” on August 4, 2015:*  
<https://agenda.weforum.org/2015/08/3-challenges-facing-the-uns-sustainable-development-goals/>

**Vogt JM**. “Trees and People: Outcomes of Neighborhood and Nonprofit Tree Planting.” *Urban Tree Growth & Longevity Newsletter*, April 2015, [http://www.urbantreegrowth.org/uploads/1/1/1/7/11172919/vogt\\_trees&people.pdf](http://www.urbantreegrowth.org/uploads/1/1/1/7/11172919/vogt_trees&people.pdf)

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## OUTREACH & PRESS: MEDIA MENTIONS

“Future Earth Young Scientists Networking Conference Kicks Off!” *International Social Science Council*, May 25, 2015, <http://www.worldsocialscience.org/2015/05/future-earth-young-scientists-networking-conference-kicks-off/>

“Research Update: Tree Survival in Five Urban Neighborhoods.” *Alliance for Community Trees Treebune News*, February 17, 2015, <http://actrees.org/news/trees-in-the-news/research/research-update-planted-tree-survival-and-growth-in-five-urban-neighborhoods/>

“How Trees Can Make City People Happier (and Vice Versa).” *NextCity*, February 3, 2015, <http://nextcity.org/daily/entry/city-trees-care-tending-people-happiness>

“Planted-tree survival and growth in urban neighborhoods.” *Alliance for Community Trees*, January 2015, <http://actrees.org/news/trees-in-the-news/research/planted-tree-survival-and-growth-in-urban-neighborhoods/>

“Announcement: Ostrom Memorial Award.” *International Journal of the Commons*, 2013. <http://www.thecommonsjournal.org/index.php/ijc/announcement/view/12>.

“Campus Catalyst Awards recognize excellence in sustainability.” *IU News Room*, November 18, 2013, <http://news.indiana.edu/releases/iu/2013/11/campus-catalyst-awards-2013.shtml>.

“Predicting Urban Tree Success,” Robert Polomski interviews Jessica Vogt on *ArborViews*, a podcast of the International Society of Arboriculture, <http://www.isa-arbor.com/education/onlineLearning/podcastDetail.aspx?ID=8>

“Recipients announced for first IU Bloomington Campus Sustainability Awards.” *IU News Room*, November 16, 2012, <http://newsinfo.iu.edu/news/page/normal/23483.html>

“IU researchers awarded funding to study neighborhood-level tree planting.” *IU News Room*, October 23, 2012, <http://newsinfo.iu.edu/news/page/normal/23328.html>



“Ecological Society of America annual meeting draws more than 30 IU scientists as presenters. *IU News Room*. August 6, 2012, <http://newsinfo.iu.edu/news/page/normal/22900.html>.

“Sustainability research grants focus on urban forestry, PCB impact.” *IU News Room*. May 8, 2012, <http://newsinfo.iu.edu/news-archive/22263.html>