

Charles J. Barden

2021 Throckmorton-HNR
Kansas State University
Manhattan, KS 66506

phone (785) 532-1444
fax (785) 532-6949
email cbarden@ksu.edu

Experience **Professor of Forestry and Research Center Director**, Kansas State University, 2009-present.

Associate Professor and State Extension Forester, Kansas State University, 1998-2009.

Regional Extension Forester, US Forest Service/Penn State, 1994-1998.

Area Extension Forestry Specialist, Oklahoma State University, 1989-1994.

Education Ph.D., December 1989, Pennsylvania State University, School of Forest Resources.

M.S., March 1987, Virginia Tech, School of Forestry and Wildlife.

B.S., May 1984, University of Rhode Island, College of Resource Development.

Professional Leadership Positions	College Promotion and Tenure Committee	2019 - present
	Co-chair Faculty Affairs Committee	2016 - 2019
	Chair Natural Resources PFT	2008 - 2018
	Co-advisor, Zamorano Alumni at KSU	2014 - 2017
	Faculty Senator, KSU	2013 - 2019
	Chair- Kansas Chapter, Black Walnut Council	2013 - present
	Chairman of the Board of Directors: Kansas Alliance for Wetlands and Streams (KAWS).	2007 - 2011
	KAWS Board of Directors member	2001 - 2018
	Chair- Great Plains Society of American Foresters	2005 - 2007
	Chair- National Agroforestry Working Group SAF	2019 - 2021
		2003 - 2004
	Society of American Foresters (member)	1989 - present
	President- Plains and Prairie Forestry Association	2003 - 2004

Chair- HNR Social Committee 2005 - present

Honors and Awards

Professorial Performance Award 2019

Thirty year Extension Service tenure award 2019

Friend of Extension Master Gardeners Award	2016
Outstanding Alumni from the Penn State School of Forest Resources Alumni Group.	2013
Outstanding Faculty Mentor for K-State Research and Extension.	2010
Fellow- Society of American Foresters.	2009
Team Award from K-State Research and Extension, for leadership of the Heartland Water Coordination Initiative.	2009
Leadership Award from the EPA Region 7 Administrator. In recognition of outstanding leadership through the Heartland Regional Water Quality Initiative.	2007
Diversity Award from K-State Research and Extension, in recognition of working relationships developed with the Kansas Native American community.	2007
Outstanding Educational Publication award from the American Society of Agronomy. "Agricultural Nitrogen Management for Water Quality Protection in the Midwest" bulletin.	2007
Supporting Partner Award from the Kansas Alliance for Wetlands and Streams, for K-State Research and Extension.	2007.
Outstanding Educational Website award from the American Society of Agronomy. The Heartland Nutrient and Pesticide Management Website.	2004.
Outstanding Service to the Forestry Community of Oklahoma and Dedication to Youth Education in Natural Resources.	1994. OSU Department of Forestry.
Ted Silker Award, Outstanding Young Forester in Oklahoma.	1993. Oklahoma Division - Society of American Foresters.
Outstanding State 4-H Program.	1992. Oklahoma Association of Extension Agricultural Agents.

Honorary Societies

Gamma Sigma Delta (Agriculture Honor Society)
Phi Kappa Phi (National Academic Honor Society)
Xi Sigma Pi (Honor Society of Forestry)

Alpha Zeta (Agriculture Honor Society)

**Professional
Service**

Manuscript reviewer for
MDPI Journals 2018 - present
Environmental Management 2016 - present
Journal of Forestry 2005 - present
Agroforestry Systems 2006 - present
Applied Engineering in Agriculture 2009 - present

Extension Publications Career Totals: Factsheets = 15, Bulletins = 12
Research Publications Career Totals: Refereed = 15, Proceedings = 11, Abstracts = 42
Extramural Funding KSU Career Total = \$1.7 million

Refereed Publications

G.A. Pabodha Galgamuwa, Jida Wang, and Charles J. Barden. 2020. Expansion of Eastern Redcedar (*Juniperus virginiana* L.) into the Deciduous Woodlands within the Forest-Prairie Ecotone of Kansas. *Forests*. 11 (154), 19 pp. <http://doi.org/10.3390/f11020154>

Gonzales, H.B. et al. 2019. Computational Fluid Dynamics Simulation of Airflow Through Standing Vegetation. *Transactions American Society of Agricultural and Biological Engineers*. 62(6): 1-12. <https://doi.org/10.13031/trans.13449> (3, 5)

Osorio, R.J, **C.J. Barden**, and I.A. Ciampitti. 2019. GIS approach to estimate windbreak crop yield effects in Kansas-Nebraska. *Agroforestry Systems*. 93: 1567-1578.
<https://doi.org/10.1007/s10457-018-0270-2>

Galgamuwa, G.A.P., **C.J. Barden**, J. Hartman, T. Rhodes, N. Bloedow, R.J. Osorio. 2019. Ecological Restoration of an Oak Woodland within the Forest-Prairie Ecotone of Kansas. <https://doi.org/10.1093/forsci/fxy034>. *For. Sci.* 65(1): 48-58.

Gonzales, H.B. et al. 2018. Dust Reduction Efficiency of a Single-Row Vegetative Barrier (*Maclura pomifera*). *Transactions American Society of Agricultural and Biological Engineers* ISSN 2151-0032 <https://doi.org/10.13031/trans.12879>. Vol. 61(6): 1907-1914

Gonzales, H.B. et al. 2018. Porosity and Drag Determination of a Single-row Vegetative Barrier (*Maclura pomifera*). *Transactions American Society of Agricultural and Biological Engineers*. 61(2): 641-652.

Barden, C.J., C.R. Boyer, B.M. Morales, and L. Fisher. 2017. Promoting red elm (*Ulmus rubra* Muhl.) germination with gibberellic acid. *Journal of Forestry*. 115(5): 393-396.
<https://doi.org/10.5849/jof.16-045>.

- Peralta, N.R., Y. Assefa, J. Du, **C.J. Barden**, and I.A. Ciampitti. 2016. Mid-Season high resolution Satellite Imagery for Forecasting Site-Specific Corn Yield. *Remote Sensing* 8(848), 16 pp. <https://doi.org/10.3390/rs8100848>
- Geyer, W.A., and **C.J. Barden**. 2009. Growth of young *Populus deltoides* as affected by various weed-control techniques in the central plains of the United States. *Russian Academy of Sciences, Arid Ecosystems*. 15(1): 49-54.
- Geyer, W.A., K.D. Lynch, **C.J. Barden**. 2009. Eastern redcedar seed source test in western Kansas. *J. Arboriculture and Urban Forestry*. 35(2): 107-110.
- M.L. Leffert, G.A. Clark, S.L. Hutchinson, and **C.J. Barden**. 2009. Evaluation of poplar trees irrigated with livestock lagoon water. *Transactions of the American Society of Agricultural and Biological Engineers*. 51(6): 2051-2060.
- Geyer, W.A., **C.J. Barden** and J.E. Preece. 2008. Biomass and wood properties of young silver maple. *Wood & Fiber Science*. 40(1): 23-28.
- Geyer, W.A., R.L. Atchison, and **C.J. Barden**. 2008. Comparison of weed control methods in *Populus* tree seedling establishment. *Trans. Kansas Academy of Science*. 111(4): 171-172.
- Mankin, K.R., D.M. Ngandu, **C.J. Barden**, S.L. Hutchinson, and W.A. Geyer. 2007. Grass-shrub riparian buffer removal of sediment, P, and N from simulated runoff. *J. American Water Resources Association*. 43 (5):1108-1116.
- Geyer, W.A., K.D. Lynch, **C.J. Barden**. 2007. Rocky Mountain Juniper seed source test in western Kansas. *J. Arboriculture and Urban Forestry*. 33 (5):325-329.
- Barden, C.J.**, S.B. Jones, and L.E. Biles. 1996. Extension Forestry Education- Reaching the people who make decisions. *Journal of Forestry* 94 (3):31-35.

Book Chapters

- Barden C.J.** et al. 2011. Chapter 14 “Cross-cultural Collaboration for Riparian Restoration on Tribal Lands in Kansas” in the book titled *Pathways for Getting to Better Water Quality: The Citizen Effect*, edited by L.W. Morton and S.S. Brown. Springer. pp 171-179.

Extension publications, factsheets and bulletins

- Barden, C.J.**, and T.L. Moore. 2020. Incorporating Forestry into Stormwater Management Programs. Water Research Foundation. 9pp.
<https://www.waterrf.org/system/files/resource/2020-01/PROJECTPAPER-4837-1.pdf>
- Moore, T.L., **C.J. Barden**, and A. Nooraei. 2020. Predicting urban tree contributions to urban runoff budgets with statistical models: fact sheet. Water Research Foundation. 4pp.
<https://www.waterrf.org/system/files/resource/2020-01/PROJECTPAPER-4837-2.pdf>

- Barden C.J.**, et al. 2019. Tuttle Creek Watershed Riparian Forest Assessment. KSRE Bulletin. 37 pp.
- Barden, C.J.** and C. Otte. 2017. Birds of Kansas Streamside Forests. Factsheet MF-2648. Kansas State University, Manhattan, KS. 4pp. (1, 2).
- Galgamuwa, G.A., **Barden, C.J.**, and W. Upham. 2016. Hot Pepper Cultivar Evaluation Using Extension Master Gardeners. Midwest Vegetable Trial Report for 2015. Purdue University. pp 57-64.
- Beck, W.J., **C.J. Barden**, D.C. Maradiaga, and J. Neel. 2015. Delaware River Watershed Riparian Forest Assessment. KSRE Bulletin. 35 pp.
- McBee, P.S., et al. 2015. American Sycamore: Platanaceae *Platanus occidentalis*. Factsheet MF-3229. Kansas State University, Manhattan, KS. 2 pp.
- Barden, C.J.**, G.A. Galgamuwa, and W. Upham. 2015. Collaborating with Extension Master Gardeners to Evaluate Tomato Cultivars. Midwest Vegetable Trial Report for 2014. Purdue University. pp 157-163.
- Barden, C.J.**, D.C. Maradiaga, W.J. Beck and J. Neel. 2014. Comparing Riparian Woodlands of Three Northeast Kansas Watersheds. *In Understanding Sedimentation of Lakes in Kansas*. KSRE Special Publication. pp 155-171.
- Scott, L. and **C.J. Barden**. 2014. Champion Trees of Kansas. Kansas Forest Service Bulletin. Kansas State University, Manhattan, KS. 9pp.
- Barden, C.J.** and W.A. Geyer. 2014. Riparian Forests Protect Streambanks During Flooding. *Inside Agroforestry* 22 (1) pp. 8+11.
- Boyer, C., **C.J. Barden**, J. Griffin, and W. Upham. 2011. Pruning Shrubs. Factsheet MF-2998. Kansas State University, Manhattan, KS. 2pp.
- Barden, C.J.** et al. Edited by Frannie Miller. 2010. Stump Treatment Manual. KSRE Bulletin S-153. Kansas State University, Manhattan, KS. 16pp.
- Carey, T. et al. 2009. Recommended Vegetable Varieties. Factsheet L-41. Kansas State University, Manhattan, KS. 4pp.
- Devlin, D. et al. 2008. Pesticide Management for Water Quality Protection in the Midwest. Bulletin MF-2822. Kansas State University, Manhattan, KS. 20pp.
- Wortmann, C.S. et al. 2008. Targeting of Watershed Management Practices for Water Quality Protection. Extension Circular RP-195. 23pp.
- Emily Nolting et al. 2008. Watering newly planted and young trees and shrubs. Factsheet MF-

2800. Kansas State University, Manhattan, KS. 2pp.
- Emily Nolting et al. 2008. Watering established trees and shrubs. Factsheet MF-2801. Kansas State University, Manhattan, KS. 2pp.
- Wortmann, C.S. et al. 2006. Nitrogen Management for Water Quality in the Midwest. Extension Circular RP-189. 32pp.
- Barden, C.J.** 2006. Native Kansas Forest Trees. 4-H Forestry Project Guide. 4-H 334. 2pp.
- Wortmann, C.S. et al. 2005. Agricultural Phosphorous Management and Water Quality Protection in the Midwest. Extension Circular RP-187. 24pp.
- Barden, C.J.**, C.D. Becker, T. Povilitis. 2004. Birds of Kansas Streamside Forests. Factsheet MF-2648. Kansas State University, Manhattan, KS. 4pp.
- Barden, C.J.** et al. 2003. Assessing the Effectiveness of Various Riparian Buffer Vegetation Types. Keeping Up With Research #137. AES# 03-305.
- Barden, C.J.** 2001. Establishing Riparian Buffers. KSU Forestry Report MF-2489. Kansas State University, Manhattan, KS. 4pp.
- Beem, M., D.J. Turton , **C.J. Barden**, and Steven Anderson. 1998. Application of Poultry Litter to Pine Forests. Oklahoma State University Factsheet #5037. 4pp.
- Barden, C.J.**, et al. 1997. Poultry Litter Application on a Pine Plantation. Oklahoma State University videotape, VT-524. 18 min.
- Wittwer, R.F., **C.J. Barden**, and S. Anderson, 1993. Growing Oak Trees from Seed. OSU Extension Factsheet #5031. 6 pp.
- Conference Proceedings Edited**
- The Bright Side of a Difficult Year: The resurgence of nature. 2022. Proceedings of the Kansas Natural Resources Conference. Manhattan, KS. Edited by **C.J. Barden** and K. Harmony. 42pp.
- Conservation During Extremes: Cultivating Resilience. 2020. Proceedings of the Kansas Natural Resources Conference. Manhattan, KS. Edited by C.J. Barden and K. Harmony. 42pp.
- Celebrating Conservation Past and Present. 2019. Proceedings of the Kansas Natural Resources Conference. Manhattan, KS. Edited by C.J. Barden and K. Harmony. 40pp.
- Conservation Delivery in Changing Times. 2018. Proceedings of the Kansas Natural Resources Conference. Manhattan, KS. Edited by C.J. Barden and K. Harmony. 42pp.
- Rivers and Streams: Reflections of landscape management. 2017. Proceedings of the Kansas

- Natural Resources Conference. Wichita, KS. Edited by C.J. Barden and K. Harmony. 36pp.
- Conversations on Conservation: Engaging landowners through effective communication. 2016. Proceedings of the Kansas Natural Resources Conference. Wichita, KS. Edited by C.J. Barden and K. Harmony. 25pp.
- Partnerships in Conservation: Bridging the Gap Between science and politics. 2015. Proceedings of the Kansas Natural Resources Conference. Wichita, KS. Edited by C.J. Barden and K. Harmony. 25pp.
- Forty Years of the Endangered Species Act: Living with Endangered Species in Kansas. 2014. Proceedings of the Kansas Natural Resources Conference. Edited by C.J. Barden and K. Harmony. 41pp.
- Under Attack: Invasive Species in Kansas. 2013. Proceedings of the Kansas Natural Resources Conference. Edited by C.J. Barden and K. Harmony. 34pp.
- Wetlands- The Jewels of Kansas. 2012. Proceedings of the Kansas Natural Resources Conference. Edited by C.J. Barden and T. Rhodes. 39pp.
- Through the Haze- The Role of Fire on the Prairie. 2011. Proceedings of the Kansas Natural Resources Conference. Edited by C.J. Barden and H. Blume. 31pp.
- Kansas Waters- Signs of Prosperity and Health. 2010. Proceedings of the Kansas Natural Resources Conference. Edited by C.J. Barden and K. Harmony. 34pp.
- Renewable Energy- Renewable Resources. 2009. Proceedings of the Kansas Natural Resources Conference. Edited by C.J. Barden. 30pp.
- Where Do Trees Belong in Kansas? 2008. Proceedings of the Kansas Natural Resources Conference. Edited by C.P. Paukert and C.J. Barden. 32pp.

Conference Proceedings

- Barden C.J.**, A. Mudiyansele and R. Osorio. 2022. Effect of windbreaks on crop yields in the U.S. Great Plains. 5th World Agroforestry Congress. Quebec, CN.
- Molina Jose, **C.J. Barden**, and Michael Jungen. 2022. Case Study to Document the Condition of McConnell Creek and the Effect of Redcedar Revetments. In Proc. (abstract) Kansas Natural Resource Conference. Manhattan, KS. p. 15.
- Mudiyansele, A. and **C.J. Barden**. 2022. Influence of Windbreaks on Crop Yields in Kansas and Nebraska. In Proc. (abstract) Kansas Natural Resource Conference. Manhattan, KS. p. 16.

- Benitez Nassar, D. and **C.J. Barden**. 2019. Monitoring the Effectiveness of Streambank Stabilization Projects in NE Kansas. Society of American Foresters National Convention, Portland, OR. *Journal of Forestry* 117 (1) (abstract). Supplemental materials, p 61.
- Barden, C.J.** and D. Benitez Nassar. 2019. Streambank Stabilization Monitoring Case Studies in Northeast Kansas. *In Proc.* (abstract) Kansas Natural Resources Conference, Manhattan, KS. p. 12.
- Laura H.P. Simoes, **C.J. Barden**, and Pabodha Galgamuwa, G.A. 2019. Using Prescribed Burning for Oak Regeneration in Kansas. Society of American Foresters National Convention, Portland, OR. *Journal of Forestry* 117 (1) (abstract). Supplemental materials, p 23.
- Benitez Nassar, D. and **C.J. Barden**. 2018. Monitoring the Effectiveness of Streambank Stabilization Projects in NE Kansas. *In Proc.* (abstract) Kansas Natural Resources Conference, Manhattan, KS. p. 13.
- Galgamuwa, P., J. Wang and **C.J. Barden**. 2018. Multi-temporal Landsat Image-based Assessment of Eastern Redcedar Expansion and its Impact on Deciduous Forests in Eastern Kansas *In Proc.* (abstract) Kansas Natural Resources Conference, Manhattan, KS. p. 13.
- Galgamuwa, G.A.P, **C.J. Barden**, J. Hartman and T. Rhodes. 2017. Oak Woodland Prescribed Fire Effects on Fuel Loading and Seedling Regeneration. Society of American Foresters National Convention, Madison, WI. *Journal of Forestry* (abstract) 115 (2):S83.
- Osorio, R.M. and **C.J. Barden**. 2017. Great Plains Windbreak/Crop Yield Study. Society of American Foresters National Convention, Madison, WI. *Journal of Forestry* (abstract) 115 (2):S124.
- Galgamuwa, G.A.P , J. Wang and **C.J. Barden**. 2017. Eastern Redcedar (*Juniperus virginiana*) Encroachment in a Forest-Prairie Ecotone: A Spatiotemporal Analysis. Society of American Foresters National Convention, Madison, WI. *Journal of Forestry* (abstract) 115 (2):S124.
- Osorio, R.M. and **C.J. Barden**. 2017. Do Windbreaks Still Provide a Crop Yield Benefit? *In Proc.* (abstract) Kansas Natural Resources Conference, Wichita, KS. p. 11.
- Galgamuwa, G.A.P. et al. 2017. Prescribed Burning and Mechanical Thinning to Reverse Mesophication of Oak Woodlands in Kansas. *In Proc.* (abstract) Kansas Natural Resources Conference, Wichita, KS. p. 11.
- Osorio, R.M. and **C.J. Barden**. 2016. Kansas Windbreak/Crop Yield Study. *In Proc.* (abstract) Kansas Natural Resources Conference, Wichita, KS. p. 23.
- Galgamuwa, G.A.P. et al. 2016. Prescribed Burning in an Oak Woodland and its Effect on Fuel

- Loading. In Proc. (abstract) Kansas Natural Resources Conference, Wichita, KS. p. 11.
- Stiffarm, A.M. and **C.J. Barden**. 2015. Two Cottonwood Sources React Differently to Intensive Establishment Techniques in Phytoremediation Planting. Society of American Foresters National Convention, Salt Lake City, UT. Journal of Forestry (abstract) 113 (1):191.
- Barden, C.J.** and A.M. Stiffarm. 2015. Phytoremediation Case Studies in Manhattan, Kansas. In Proc. (abstract) Kansas Natural Resources Conference, Wichita, KS. p. 10.
- Galgamuwa, G.A.P. et al. 2015. Utilizing Prescribed Burning for Oak Regeneration in Kansas. In Proc. (abstract) Kansas Natural Resources Conference, Wichita, KS. p. 12.
- Stiffarm, A.M. and **C.J. Barden**. 2014. Phytoremediation Case Studies. In Proc. (abstract) Kansas Natural Resources Conference, Wichita, KS. p. 24.
- Barahona, M., **C.J. Barden**, W. Beck, T. Rhodes, and D. Burchfield. 2014. Composition and Structure of Riparian Woodlands of the Tuttle Watershed. Society of American Foresters National Convention, Charleston, SC. Journal of Forestry (abstract) 112 (1):172.
- Barahona, M. et al. 2014. Composition and Structure of Riparian Woodlands of Tuttle Creek Watershed. In Proc. (Abstract) Kansas Natural Resources Conference, Wichita, KS. p. 24.
- Barden, C.J.**, W.J. Beck, D.C. Maradiaga, and J. Neel. 2013. Comparing Riparian Woodlands in Three Northeast Kansas Lake Watersheds. In Proc. (abstract) Kansas Natural Resources Conference, Wichita, KS. p. 17.
- Jensen, W.E. and **C.J. Barden**. 2013. Tips for Seeking Graduate Opportunities in Natural Sciences. In Proc. (abstract) Kansas Natural Resources Conference, Wichita, KS. p. 14.
- Neel, J. et al. 2013. Remote Methods to Identify Riparian-Wetland Areas for Protection and Restoration. In Proc. (abstract) Kansas Natural Resources Conference, Wichita, KS. p. 17.
- Morales, B.M. et al. 2012. Improving Germination of Red Elm (*Ulmus rubra*), Gray Alder (*Alnus incana*) and Buffaloberry (*Shepherdia canadensis*) Seeds with Gibberellic Acid. In Proc. Forest and Conservation Nursery Associations-2011. Haase, D.L. et al. tech. coords. USFS RMRS-P-68. pp 93-95.
- Maradiaga, D.C., **C.J. Barden**, and W.J. Beck. 2012. Comparing Riparian Woodlands in Three Northeast Kansas Lake Watersheds. Society of American Foresters National Convention, Spokane, WA. Journal of Forestry (abstract) 110 (8):560.
- Beck, W.J., **C.J. Barden**, D.C. Maradiaga, and R. Atchison. 2012 Riparian Forestry in Kansas: Proactive, Non-Regulatory Approaches for Water Quality Enhancement. Society of American Foresters National Convention, Spokane, WA. Journal of Forestry (abstract)

11 (8):556.

- Barden, C.J.**, W.J. Beck and J. Neel. 2012. Categorizing Riparian Forest Condition to Target Landowner Incentive and Assistance Programs. In Proc. (abstract) Kansas Natural Resources Conference, Wichita, KS. p. 22.
- Morales, B.M., **C.J. Barden**, and C.R. Boyer. 2012. Improving Germination of Red Elm (*Ulmus rubra*) Seeds With Gibberellic Acid. In Proc. (abstract) Kansas Natural Resources Conference, Wichita, KS. p. 21.
- Neel, J. et al. 2012. Remote Process for Assessing Proper Functioning Condition (PFC) of Riparian-Wetland Areas. In Proc. (abstract) Kansas Natural Resources Conference, Wichita, KS. p. 21.
- Maradiaga, D.C., **C.J. Barden**, and W.J. Beck. 2012. Composition of Riparian Woodlands in Three Northeast Kansas Lake Watersheds. In Proc. (abstract) Kansas Natural Resources Conference, Wichita, KS. p. 21.
- Barden, C.J.** et al. 2011. Local, Regional and Global Approaches to Moving Agroforestry Forward. Society of American Foresters National Convention, Honolulu, HI. *Journal of Forestry* (abstract). 109 (8):550.
- Barden, C.J.** 2011. Building Tribal Capacity for Conservation. Society of American Foresters National Convention, Honolulu, HI. *Journal of Forestry* (abstract). 109 (8):550.
- Barden, C.J.**, L. Fisher, B. Chapin, and W. Welton. 2011. Lessons Learned Working on Kansas Indian Reservations. In Proc. (abstract) Kansas Natural Resources Conference, Wichita, KS. p. 18.
- Beck, W. et al. 2011. Assessing Riparian Forests in the Delaware River Watershed and Relation to Sedimentation of Perry Lake. In Proc. (abstract) Kansas Natural Resources Conference, Wichita, KS. p. 21.
- Ricci, N., **C.J. Barden**, and M. Kennelly. 2011. New Disease Threatening Kansas Walnut Trees. In Proc. (abstract) Kansas Natural Resources Conference, Wichita, KS. p. 22.
- Morales, B.M., C.R. Boyer, **C.J. Barden**, and J.J. Griffin. 2010. Improving germination of red elm (*Ulmus rubra*) seeds with gibberellic acid. In Proc. Intl. Plant Prop. Soc. 60:535-537.
- Barden, C.J.**, L. Fisher, B. Chapin, and W. Boyer. 2010. Conducting a GPS-Enabled Rapid Stream Assessment. In Proc. (abstract) Kansas Natural Resources Conference, Wichita, KS. p. 16.
- Neel, J. et al. 2010. Riparian Forest Assessment in the Delaware River Watershed. In Proc. (abstract) Kansas Natural Resources Conference, Wichita, KS. p. 31.

- Barden, C.J.**, B. Welton, B. Chapin, and L. Fisher. 2009. Streambank Stabilization and Restoration Practices on the Potawatomi Reservation in Kansas. Presentation and Abstract, In Proc. CSREES National Water Conference, St. Louis, MO. URL <www.usawaterquality.org/conferences/2009/Abstracts/Wshed-oral/Barden09.pdf>
- Barden, C.J.** and W.A. Geyer. 2009. Achieving Home Heating Independence With Wood. In Proc. (abstract) Kansas Natural Resources Conference, Wichita, KS. p. 13.
- Barden, C.J.**, P. Ingle, and C. Blocksome. 2009. Kansas Riparian Working Group. In Proc. (abstract) Kansas Natural Resources Conference, Wichita, KS. p. 23.
- Blocksome, C., A. Miller, and **C.J. Barden**. 2009. Forage Loss Due to Eastern Redcedar Canopy Encroachment. In Proc. (abstract) Kansas Natural Resources Conference, Wichita, KS. p. 24.
- Geyer, W.A. and **C.J. Barden**. 2009. Growth of Young Cottonwood Trees with Various Weed Control Methods. In Proc. (abstract) Kansas Natural Resources Conference, Wichita, KS. p. 26.
- Geyer, W.A., **C.J. Barden**, and R.L. Atchison. 2009. 1993 Flooding Damage Along Two Major Kansas Rivers. In Proc. (abstract) Kansas Natural Resources Conference, Wichita, KS. p. 26.
- Christianson, L., et al. 2009. Effluent Irrigation Treatments for Phytoremediation Plantation Establishment. In Proc. (abstract) The Dahlia Greidinger International Symposium, Haifa, Israel. p. 73.
- Barden, C.J.** 2008. Design and Installation of Cedar Revetments for Streambank Stabilization. In Proc. (abstract) Kansas Natural Resources Conference, Wichita, KS. p. 10
- Barden, C.J.** 2008. Ensuring Woody Riparian Buffer Establishment Success. In Proc. (abstract) Kansas Natural Resources Conference, Wichita, KS. p. 11.
- Barden, C.J.**, S.L. Hutchinson, and L.E. Christianson. 2008. Using Trees for Phytoremediation of Polluted Groundwater. In Proc. (abstract) Kansas Natural Resources Conference, Wichita, KS. p. 20.
- Geyer, W.A., **C.J. Barden**, and R. Atchison. 2008. Benefits of Streambank and Riparian Corridor Renovation and Stabilization. In Proc. (abstract) Kansas Natural Resources Conference, Wichita, KS. p. 12.
- Barden, C.J.** et al. 2007. Runoff filtering effectiveness of grass-shrub riparian buffers. In Proc. (abstract) CSREES Water Quality Conference, Savannah, GA. URL<www.usawaterquality.org/conferences/2007/2007_Abstracts_PDF/AgriculturalBMPs/Barden.pdf>

- Barden, C.J.** 2005. Bioengineering and Riparian Buffers: Building Tribal Capacity to Improve Water Quality in Kansas. In Proc. (Abstract and PowerPoint) CSREES Water Quality Conference, San Diego, CA.
URL <www.idea.iastate.edu/waterconf/CBarden>
- Barden, C.J.** 2003. Lessons Learned From Collaboration With The Potawatomi Nation. In Proc. Sixth IUFRO Extension Working Party Symposium. Troutdale, OR. 6pp.
- Barden, C.J.** et al. 2003. Reducing Runoff Contaminants with Riparian Buffer Strips. In Proc. North American Agroforestry Conference, Corvallis, OR. pp 7-14.
- Barden, C.J.** and D.W. Carlson. 2003. Using Shelters to Renovate a Riparian Buffer Planting. In Proc. SAF National Convention. Winston-Salem, NC. pp. 363-366.
- Barden, C.J.** et al. 2003. Assessing the Effectiveness of Various Riparian Buffer Vegetation Types. In Proc. SAF National Convention. Winston-Salem, NC. pp. 186-193.
- Geyer, W., **C.J. Barden**, K. Mankin, and D. Devlin. 2002. Riparian Shrub Buffer's Effect on Water Quality. In Proc. SAF National Convention. Denver, CO. pp. 362-363.
- Barden, C.J.** and L. Casey. 1998. Forest landowner assistance programs and international trade. In Proc. SAF National Convention. Memphis, TN. pp.137-141.
- Barden, C.J.** and T.W. Bowersox, 1991. Effects of Radicle Clipping on Subsequent Growth of Northern Red Oak Seedlings in High and Low Moisture Environments. In Proc. Sixth Biennial Southern Silvicultural Research Conference. Memphis, TN. USFS GTR SE-70, Vol.1, pp. 131-137.
- Barden, C.J.** and T.W. Bowersox, 1989. The Effect of Root Pruning Treatments on Red Oak Seedling Root Growth Capacity. In Proc. Seventh Central Hardwood Forest Conference. Carbondale, IL. USFS GTR NC-132, pp. 115-119.
- Barden, C.J.**, P.P. Feret, and R.E. Kreh, 1987. Root Growth Potential and Outplanting Performance of Loblolly Pine Seedlings. In Proc. Fourth Biennial Southern Silvicultural Research Conference, Atlanta, GA. USFS GTR SE-42, pp. 237-244.