

Kent Gallaher, Ph.D.
Associate Dean, Strategy and Faculty Development
College of Liberal Arts and Sciences
Lipscomb University

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Education:

Ph.D. Plant Science (Physiology and Biochemistry)
The University of Tennessee, Knoxville - 1996

Dissertation: Nicosulfuron and Primisulfuron Activity, Absorption, Translocation, and Metabolism in Broadleaf Signalgrass, *Brachiaria platyphylla*.

M.S. Plant Science (Environmental Science)
The University of Tennessee, Knoxville - 1994

Thesis: Comparative Residual Concentrations and Activity of Selected Corn and Soybean Herbicides in Surface Soil.

B.S. Chemistry
Lipscomb University - 1991, Biology Minor

Professional Experience:

2020 – Present	<i>Lipscomb University:</i> Associate Dean, College of Liberal Arts and Sciences
2008 - 2020	<i>Lipscomb University:</i> Professor and Academic Chair, Department of Biology
2008 – 2010	<i>Lipscomb University:</i> Director, Institute for Sustainable Practice
2004 – 2008	<i>Abilene Christian University:</i> Associate Professor of Environmental Science
2002 – 2004	<i>Lipscomb University:</i> Associate Professor of Biology
1997 – 2004	<i>Lipscomb University:</i> Environmental Science Program Director
1996 – 2002	<i>Lipscomb University:</i> Assistant Professor of Biology
1991 – 1996	<i>University of Tennessee, Knoxville:</i> Graduate Research Assistant

Current Responsibilities: My Portfolio as Associate Dean includes all outward facing activities for the college including managing the college advisory council, cultivating donor relationships, visioning new academic programs, analyzing trends in higher education, planning and providing faculty development opportunities, and advising the Dean on matters related to new faculty hires and rank, tenure and promotion of current faculty.

Professional Synopsis: My career has primarily been in interdisciplinary education and new program development.

Undergraduate Program Development:

1997 - Environmental Science – *Lipscomb University*
2005 – Wildlife and Natural Resource Management– *Abilene Christian University*
2005 – Outdoor Studies – *Abilene Christian University*
2005 – Environmental Field Technology – *Abilene Christian University*
2005 – Environmental Policy and Politics – *Abilene Christian University*
2009 – Sustainability Science – *Lipscomb University*
2015 – Bioscience and Philosophy – *Lipscomb University*
2016 – Computational Biology – *Lipscomb University*
2020 – Neurobiology – *Lipscomb University*

Graduate Program Development

2008 – M.S. Sustainability – *Lipscomb University*
2008 – M.B.A. (Professional in Sustainability) – *Lipscomb University*
2012 – M.S. Biomolecular Science – *Lipscomb University*

Beyond curriculum and administration, I have a keen interest in the scholarship of teaching and learning, ethnobotany, natural medicine, and the biochemistry and physiology of natural products. I have also cultivated excellent fundraising skills and have been part of a team that has raised more than \$11 Million for capital improvements, endowments, and scholarships since 2015.

International Activities:

Mission Lazarus – Honduras, Central America – Sustainable agriculture and appropriate agricultural technology for peasant farmers.

Food Development Corporation – Nicaragua, Central America – Biofuels initiative in cooperation with U.N. Millennium Fund and nation of Libya.

Project S.E.E.D. – Swaziland, Southern Africa – Food development project for AIDS orphans in cooperation with African Christian College.

Island Nation of Madagascar – Interviewed top student candidates for university study in the USA. Consulted with President Ravalomanana and presidential cabinet members on sustainable water development projects in conjunction with the Institute for Sustainable Practice at Lipscomb University.

Hola Chile – Santiago, Chile, South America - Member of a global studies taskforce responsible for the design and implementation of a new study abroad program centered in Santiago, Chile.

Awards and Honors:

Science Standards Recommendation Committee, Tennessee State Board of Education – Appointed by the Honorable Beth Harwell, speaker of the Tennessee House of Representatives, to the state task force responsible for setting science standards for K-12 schools in Tennessee. - 2016

Nominee – U.S. Professor of the Year – Council for the Advancement and Support of Education, Carnegie Foundation for the Advancement of Teaching. - 2013

Outstanding Teacher Award – Lipscomb University 1999, 2013

Difference Maker Award – In recognition of contributions to student recruitment and retention at Lipscomb University – 2009.

Teaching Award of Merit – North American Colleges and Teachers of Agriculture – 2006.

Professional Organizations: International Society for the Exploration of Teaching and Learning, Tennessee Academy of Science, *Beta Beta Beta* honor society, *Gamma Sigma Delta* honor society, *Delta Tau Alpha* honor society.

Publication Record:

Abstracts

Clayton, S., P. Turner, R. Steger, and **K. Gallaher**. 2012. Academic Overconfidence in the Millennial Undergraduate Student. Proceedings of the 5th Annual SoTL Commons Conference, Statesboro, Georgia.

Gallaher, K., M. Hearn, S. Bhalia, and J. Bready. 2011. Obstacles to Innovative Teaching: Design, Implementation, and Assessment. Proceedings of the 41st Annual Conference of the International Society for Exploring Teaching and Learning (ISETL), San Diego, California.

Gallaher, K., M. Hearn, J.H. Lowrance, C. Tierney, and W. Garrett. 2010. Teaching Nature: A Model for the Integration of Science, Art, and Literature. Proceedings of the 40th Annual Conference of the International Society for Exploring Teaching and Learning (ISETL), Nashville, Tennessee.

Galbreath, G.D., M. Barry, and **K. Gallaher**. 2010. Faith and Sustainability: An Eternal Partnership? ABSTRACTS 30th Annual Christian Scholars Conference, Beauty in the Academy: Faith, Scholarship, and the Arts, Nashville, Tennessee.

Pannell, J.P., A.M. Burch, J.H. Lowrance, and **K. Gallaher**. 2009. The Effects of Bio1-One® on the Nitrogen Fixation Process. Tennessee Academy of Science 85 (1):24.

Gallaher, K., F.D. Mills Jr., and D.B. Ellison, 2008. Engagement, Self-Efficacy and Retention among Agricultural and Environmental Sciences Students: Preliminary Implication of Incorporating StrengthsQuest™. NACTA Journal 52.

Gallaher, K. D.Q. Wann, and R.N. Gallaher. 2008. Tropical Open Pollinated Corn (*Zea mays*) Forage and Grain Yields in Southern Honduras. ABSTRACTS American Society of Agronomy Southern Branch, 105th annual meeting of the Southern Association of Agricultural Scientists, Dallas, Texas.

Gallaher, K., and F.D. Mills Jr. 2007. The Interdisciplinary Expansion of a Baccalaureate Environmental Science Program: Preliminary Outcomes. NACTA Journal 51 (2):79.

Gallaher, K., B.D. Stevens, and R.N. Gallaher. 2007. Composted Cattle Manure Affects Corn Yield and Soil Properties. ABSTRACTS American Society of Agronomy Southern Branch, 104th annual meeting of the Southern Association of Agricultural Scientists, Mobile, Alabama.

Gallaher, K., E. Miller, and J. Cooke. 2006. The Interdisciplinary Expansion of a Baccalaureate Environmental Science Program: Curriculum Development. NACTA Journal 50 (2): 68.

- Gallaher, R.N., **K. Gallaher**, A.J. Marshall, and A.C. Marshall. 2004. Mineral Analysis of Ten Types of Commercially Available Tea. American Dietetics Association, Proceedings of the 28th Annual U.S. National Databank Conference, Iowa City, Iowa.
- Siano, D., R.N. Gallaher, and **K. Gallaher**. 2000. Elemental nutrition and ecological data for mayapple, *Podophyllum peltatum*. Florida Scientist 63:3.
- Siano, D., R.N. Gallaher, and **K. Gallaher**. 1999. Elemental nutrition and ecological data for American Mandrake. American Society of Agronomy 91:245.
- Gallaher, K.**, and R.N. Gallaher. 1998. Plant and soil analyses of wild and cultivated American ginseng. American Society of Agronomy 90:59.
- Gallaher, R.N., and **K. Gallaher**. 1998. Plant and soil analyses for medicinal plants from Wayne County, Tennessee, habitats. American Society of Agronomy 90:57.
- Gallaher, K.**, and R.N. Gallaher. 1997. Chlorosis in American ginseng (*Panax quinquefolium*) related to possible micro-nutrient deficiencies. Tennessee Academy of Science 73 (1):74.
- Marshall, M.C., **K. Gallaher**, and J. Berbiglia. 1997. Establishing an urban arboretum. Tennessee Academy of Science 73 (1):74.
- Pinkerton, K.L., and **K. Gallaher**. 1997. Cadmium and zinc uptake and translocation in the common pasture grass *Festuca arundinaceae*. Tennessee Academy of Science 73 (1):74.
- Gallaher, K.**, R.M. Hayes, W.T. Willian, and T.C. Mueller. 1996. Effect of application rate and timing on primisulfuron and nicosulfuron control of johnsongrass (*Sorghum halepense*), broadleaf signalgrass (*Brachiaria platyphylla*), and large crabgrass (*Digitaria sanguinalis*). Proc. South Weed Sci. Soc. 49:35-36.
- Gallaher, K.**, R.M. Hayes, W.T. Willian, and T.C. Mueller. 1996. Johnsongrass (*Sorghum halepense*) control in Poast-tolerant corn. Proc. South Weed Sci. Soc. 49:186-187.
- Gallaher, K.**, T.C. Mueller, and R.M. Hayes. 1996. Evaluation of sequential weed control programs in imidazolinone tolerant corn. Weed Science Society of America 36:3.
- Gallaher, K.**, T.C. Mueller, and J.E. Foss. 1995. Primisulfuron and nicosulfuron activity on selected annual grass species. American Society of Agronomy 87:47.
- Gallaher, K.**, T.C. Mueller, and R.M. Hayes. 1995. Postemergence common cocklebur control in corn with CGA-152005 and other selected herbicide combinations. Proc. South Weed Sci. Soc. 48:11.
- Gallaher, K.**, T.C. Mueller, and W.T. Willian. 1994. Comparative dissipation of selected herbicides in Tennessee soils. Proc. South Weed Sci. Soc. 47:203.
- Willian, W.T., **K. Gallaher**, and T.C. Mueller. 1993. Effect of soil applied herbicides and crop presence on common cocklebur (*Xanthium strumarium*) growth. Proc. South Weed Sci. Soc. 46:274.
- Gallaher, K.**, M.E. Essington, and D.D. Tyler. 1992. Influence of dissolved organic matter on the absorption of fluometuron and metolachlor by soil. American Society of Agronomy 84:237.

Full Manuscripts

Siano, D., R.N. Gallaher, and **K. Gallaher**. 2000. Distribution, population, and yield estimate of mayapple (*Podophyllum peltatum*) in an area representative of the eastern United States. Research Report A-00-02. Agronomy Department, Institute of Food and Agricultural Sciences, University of Florida, Gainesville. 28 Pages.

Siano, D., R.N. Gallaher, and **K. Gallaher**. 1999. Elemental nutrition of *Podophyllum peltatum* and ecology of its native habitat in Wayne County, Tennessee. Research Report A-99-01. Agronomy Department, Institute of Food and Agricultural Sciences, University of Florida, Gainesville. 21 Pages.

Gallaher, R.N., T.A. Lang, **K. Gallaher**, and E.L. Ashburn. 1992. No-tillage planted tropical corn yield response to nitrogen fertilizer. pp. 20-33. In M.D. Mullen and B.N. Duck (Eds.). Proceedings of Southern Conservation Tillage Conference for Sustainable Agriculture. Jackson and Milan, Tennessee, 21 to 23 July, 1992. Tennessee Agricultural Experiment Station, Institute of Agriculture, University of Tennessee, Knoxville.

Edme, S., R.N. Gallaher, E.L. Ashburn, and **K. Gallaher**. 1992. Comparison of no-tillage planted tropical and temperate corn for yield and nitrogen concentration of the grain based on endosperm type. pp. 70-73. In M.D. Mullen and B.N. Duck (Eds.). Proceedings of Southern Conservation Tillage Conference for Sustainable Agriculture. Jackson and Milan, Tennessee, 21 to 23 July, 1992. Tennessee Agricultural Experiment Station, Institute of Agriculture, University of Tennessee, Knoxville.

Refereed Journal Articles

Gallaher, R.N., **K. Gallaher**, A.J. Marshall, and A.C. Marshall. 2006. Mineral Analysis of Ten Types of Commercially Available Tea. *Journal of Food Composition and Analysis* 19 (S1): S53-S57.

Gallaher, K., T.C. Mueller, R.M. Hayes, O.J. Schwartz, and M. Barrett. 1999. Absorption, translocation, and metabolism of primisulfuron and nicosulfuron in broadleaf signalgrass (*Brachiaria platyphylla*) and corn. *Weed Science* 47: 8-12.

Gallaher, K., and T.C. Mueller. 1995. Effect of crop presence on the comparative persistence and residual activity of atrazine, metribuzin, and clomazone in surface soil. *Weed Science* 44: 698-703.