

Karen A. Vines

Assistant Professor & Continuing Professional Education Specialist
Agriculture, Leadership & Community Education
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Professional Experience

Assistant Professor, Continuing Professional Education Specialist, Agricultural, Leadership, and Community Education, Virginia Tech	2017 - Present
Continuing Professional Education Specialist, Agricultural, Leadership, and Community Education, Virginia Tech	2014 - 2017
Senior Extension Associate, College of Agricultural Sciences, The Pennsylvania State University	2010 - 2013
Senior Extension Associate, Animal Science, The Pennsylvania State University	2001 - 2010
Distance Learning Extension Specialist, Animal Sciences, Purdue University	2000 -2001
Extension Educator, Agriculture & Natural Resources, Purdue Extension, Purdue University	1996 - 2000
County Extension Agent for 4-H/Youth Development, Kentucky Cooperative Extension, University of Kentucky	1991 - 1995
County Extension Agent, Livestock, Virginia Cooperative Extension	1990

Education

Ph.D. The Pennsylvania State University	2017
M. S. Virginia Tech	1989
B.S. University of Kentucky	1987

Distinctions

Distinguished Service Award, Virginia Epsilon Sigma Phi	2019
National Association of Extension Program and Staff Development Professionals & eXtension Program Development Fellowship	2018
Virginia Tech 2018 Proposal Development Institute	2018
AAAE Omega II Powerful Professional Growth Professional Development Program	2016
Penn State Vice President's Award for Innovation "Pathfinder Award"	2003

Classroom Instruction

ALCE 5814 ALCE Graduate Seminar, Community Engagement Topics (1 credit)	FA 2018
ALCE 5074 Foundations of Agricultural, Leadership, & Community Education (3 credits)	2018- Present
ALCE 5014 Principles and Methodology of Nonformal Teaching & Learning (3 credits, Online – Summer II)	2016 – Present
ALCE 4054 Internships in Cooperative Extension (Variable credit)	2016 – Present
ALCE 4014 Introduction to Cooperative Extension (3 credits)	2014 – Present

Professional Activity

Southern Region Program Leadership Network: Program and Staff Development Committee	2017 - Present
USDA Southern Education and Research Activity (SERA)-47, Current Chair, Vice-Chair (2018-2019), Secretary (2017-2018), Strengthening the Southern Region Extension and Research System to Support Local & Regional Foods Needs and Priorities	2017 - Present
Member Virginia & National Epsilon Sigma Phi (ESP), American Association of Agricultural Educators (AAAE), National Association of Extension Program and Staff Development Specialists (NAEPSDP), Virginia & National Association of County Agricultural Agents (NACAA)	2014 - Present
ALCE OMALS Graduate Selection Committee Member	2020
Virginia Tech Provost's Task Force on External Learning Partnership	2019
Specialist Representative for VACAA	2019
University Undergraduate Honors System, College of Agriculture & Life Sciences (CALS) Representative	2014-2018
Chair of Galaxy IV Educational Programming Committee	2012 - 2013
Member of ESP - National Public Issues Committee	2008 - 2014
Chair of NACAA, Extension Development Council	2008 - 2011
Chair of NACAA Teaching & Educational Technologies Committee	2004 - 2007
President of Pennsylvania Joint Council of Extension Professionals	2008 - 2009
President of Alpha Omicron Chapter, ESP, Pennsylvania	2006 - 2009
Member of Cooperative Extension Change Agent's States for Diversity Committee, Pennsylvania	2002 - 2006

Graduate Students Advised

Scott, J. L. (2020). Exploring Experiences of Unofficial Actors in the Farm to School Policy-Making Process. (M.S.). Virginia Tech, Blacksburg, VA. Retrieved from <https://vtechworks.lib.vt.edu/handle/10919/99888>

Fink, S. W. (2020). *Parental Learning Experiences with Children Active in 4-H*. (M.S. OMALS). Virginia Tech, Blacksburg, VA. Retrieved from <https://vtechworks.lib.vt.edu/handle/10919/98513>

Magarity, R. (2020). Program Evaluation of Athletic Department Student Support Services for International Student-Athletes (ISA) at Virginia Tech. <https://vtechworks.lib.vt.edu/handle/10919/98397>

Graham, C. (2019). Evaluating current and exploring future opportunities for partnership between a faith-based organization and Virginia Cooperative Extension. <https://vtechworks.lib.vt.edu/handle/10919/96405>

Hill, A. (2019). The academic experience of African-American male student athletes. <https://vtechworks.lib.vt.edu/handle/10919/96340>

Lillard, C. (2019). The use of ripple effect mapping as a tool for Extension programming. <https://vtechworks.lib.vt.edu/handle/10919/94390>

Undergraduate Research Projects

Sisk, S. & Woodford, H. (2018). *Exploring participant attitudes toward the Virginia Conservation Reserve Enhancement Program (CREP)*. (Published in Journal of NACAA).

Morris, A. & Smith, A. (2019) *Evaluating intern perspectives opinions of the Virginia Cooperative Extension internship experience*. (Built on Stewart's Honors Project).

Honors Project

Stewart, C. (2017). *Evaluation of the Virginia Cooperative Extension internship experience*. Laid groundwork for other internship evaluation programs, but unable to complete due to IRB delays.

Selected Publications & Presentations

Vines, K. A., Kuri, S., & Lambur, M. (2020 – In press). Situation Analysis Reporting Across Virginia through Virginia Cooperative Extension (VCE). In M. Cowell & S. Lyon-Hill (Eds.), *Vibrant Virginia*.

Vines, K. A., Bloom, D., Burney, J., Lamie, D., Hossfeld, L., Zoumenou, V., Coleman, M., & Welborn, R. (2020, May 27-30). *SERA 47 – Strengthening the Southern Region Extension and Research System to Support Local & Regional Foods Needs and Priorities* [Conference session]. AFHVS/ASFS 2020 Conference: Cultivating Connections: Exploring Entry Points into Sustainable Food Systems, Athens, GA, United States. <https://cultivatingconnections2020.uga.edu/> (Conference canceled)

- Vines, K. A. (2020). *Opportunities to Increase Experiential Learning and Engagement through Extension Internships*. Virginia Tech Higher Education Pedagogy Conference, Blacksburg, VA.
- Vines, K. A. (2020). *Building Community Capacity & Resilience through US & Bangladesh Cooperative Extension Models*. Seminar presented at the Faculty of Agriculture, Bangladesh Agricultural University, Mymensingh, Bangladesh.
- Vines, K. A. (2020). *Role of Modernizing Agricultural Education for Mitigating Rural Challenges: Meeting Rural Needs to Provide Sustainable Community Capacity through the Land Grant system & Cooperative Extension*. International Conference on Sustainable Agriculture & Rural Development: Road to SDGs, Sylhet, Bangladesh. Keynote Presentation.
- Kuri, S. K.¹, Vines, K. A., & Lambur, M. (2020). *Evaluating Change in Situation Analysis Reports - 2013-2018*. Virginia] Cooperative Extension Winter Conference & In-service Training, Roanoke, VA.
- Vines, K. A. (2019). *2018 NAEPSPD/eXtension Program Planning Fellow Experience Ignite Presentation* [Invited] National Association of Extension Program & Staff Development Professionals, Savannah, GA.
- Kuri, S. K.¹, Vines, K. A., & Lambur, M. (2019) *Identifying Key Constructs and Measurements to Assess the Situation Analysis Reports of Virginia Cooperative Extension*. National Association of Extension Program & Staff Development Professionals, Savannah, GA.
- Vines, K. A., Bullard, S.², Woodford, H.², & Kuri, S. K.¹ (2019) *Participant Perspectives of the Virginia Conservation Reserve Enhancement Program's Success*. Journal of the NACAA, 12 (2).
- Vines, K. A. (2019) *Increasing understanding and practice of the land grant principle at VT*. [Invited]. Dean's Meeting Report.
- Vines, K. A. (2019) *Deepening Our Roots: Advancing Community Engagement in Higher Education*. *Engagement Scholarship Consortium 2019*. Denver, CO.
- Vines, K. A., Tyler-Mackey, C., Rafie, C., Hosig, K., Jones, D., Cox, E., . . . Dunkenberger, M. B. (2019) *Branching out to work with communities confronting the opioid epidemic*. *Engagement Scholarship Consortium 2019*. Denver, CO.
- Vines, K.A. (2019) *Enhancing Engagement in Agriculture & Natural Resources Extension Programs*. 2019 National Association of County Agricultural Agents Annual Meeting and Professional Improvement Conference. Fort Wayne, IN.
- Vines, K. A. (2019). *Unmasking Our Potential through the E3 Extension Internship*. Southern Region - Program Leaders Network, New Orleans, LA.
- Kuri, S. K.¹, Vines, K. A., Hossain, M. J., Kowsari, M. S., & Ali, M. M. (2019). *Exploring the Connection Between Learning Objectives and Assessment within the Lens of Bloom's Taxonomy in Agricultural Education*. Bangladesh Agricultural University.
- Vines, K. A. (2019). *Rethinking VCE: A process for VCE working with communities to facilitate community prosperity and making Extension relevant for the future*. [Invited] VCE Leadership Team Report.

¹ PhD Student

² Undergraduate Researcher

- Vines, K. A. (Writer). (2019). Engaged Program Development Approaches for Cooperative Extension [Zoom][Invited]. In. USA: eXtension.org.
- Vines, K. A. (2019). *Extension Engagement 101: Building a Stronger Program Together - Extension Professionals & Volunteers*. Joint Council of Extension Professionals - Public Issues Leadership Development, Arlington, VA.
- Vines, K. A., Hosig, K., Jones, D., & Tyler-Mackey, C. (2019). *Preventing Opioid Abuse in Rural Virginia*. USDA – Rural Health & Safety Education Annual Grantees Meeting. Washington, DC.
- Hosig, K., Price, T., Rafie, C., Stokes, P., Tyler-Mackey, C., Vines, K. A., . . . Smith, M. (2019). *Opioid Misuse and Addiction: Extension's Role and Opportunities in Virginia*. Virginia Cooperative Extension Winter Conference & In-service Training, Online.
- Vines, K. A. (2019). *Examples of Engaged Program Planning in Action: Partnerships, Shared Expertise, and Shared Learning*. Virginia Cooperative Extension Winter Annual Conference & In-service Training, Online.
- Vines, K. A., Nguyen, L., Bunn, T., Morris, A., Smith, A., & Hunnings, J. (2019). *VCE Internships - Best Practices*. Virginia Cooperative Extension Winter Annual Conference & In-Service, Online.
- Vines, K. A. (2018). *Engaged Program Planning*. Paper presented at the 1890 Leadership Institute, Atlanta, GA. Invited Workshop.
- Vines, K. A., & O'Connor, B. (2018, Oct. 3, 2018). *Rising to the Challenge: Extension Work Related to the Opioid Crisis in Virginia*. Paper presented at the 2018 Epsilon Sigma Phi National Conference, Manhattan, KS.
- Vines, K. A. (2018). Exploration of Engaged Practice in Cooperative Extension and Implications for Higher Education. *Journal of Extension*, 56(4). Retrieved from <https://www.joe.org/joe/2018august/a1.php>
- Vines, K. A., Cletzer, D. A., Westfall-Rudd, D., Lambur, M., Hunnings, J., & Vines, N. T. (2018). Identifying Needs and Implementing Organizational Change to Improve Retention of Early-Career Agents. *Journal of Extension*, 56(1). Retrieved from <https://www.joe.org/joe/2018february/a2.php>
- Vines, K. A. (2018). *Building a Stronger Program Together - Exploring Shared Expertise, Learning, & Accountability*. Presentation at the Virginia Extension Master Gardener College, Blacksburg, VA.
- Vines, K. A. (2018). *Bringing Civility to Contentious Issues through Facilitated Community Dialogue*. Presentation at the JCEP Public Issues Leadership Development Conference, Arlington, VA.
- Vines, K. A. (2018). *Program/Project Planning to Improve IT Outcomes*. Presentation at the National Extension Technology Community Conference, Blacksburg, VA.
- Vines, K. A. (2018). *Use of Participatory Strategies to Address Complex Community Issues*. Presentation at the University of Minnesota Extension Local Staff Development, Minneapolis, MN. Invited Workshop.
- Vines, K. A. (2018). *An Engaged Approach for Program Planning*. Presentation at the University of Minnesota Extension Local Educator Staff Development, Minneapolis, MN. Invited Workshop.
- Vines, K. A. (2018). *Extension Innovation - Adapting the Extension Program Planning Model through Engagement to Meet Emerging Complex Local Needs*. Presentation at the JCEP Leadership Conference, Orlando, FL.

- Vines, K. A., Hosig, K., & Tyler-Mackey, C. (2018). *Preventing Opioid Abuse in Rural Virginia - Spring Report*. Presentation at the USDA-NIFA Rural Health and Safety Education Project Director Meeting, Washington, DC.
- Vines, K. A., Sumner, S., Duncan, S., & Bronaugh, J. (2018). *Extension Engagement in the Academic Mission of the Land Grant at the Community Level*. Presentation at the 2018 Virginia Cooperative Extension In-service, Blacksburg, VA.
- Vines, K. A., Niewolny, K., & Kaufman, E. (2018). *Use of Participatory Strategies to Address Complex Community Issues*. Presentation at the Virginia Cooperative Extension In-service, Blacksburg, VA.
- Drape, T., & Vines, K. (2018). *External Funding: Collaborating for Successful Grant Submissions*. Presentation at the Virginia Cooperative Extension In-service, Blacksburg, VA.
- Tyler-Mackey, C., Price, T., Hosig, K., Cox, E., Hairston, B., & Vines, K. A. (2018). *Opioid Crisis: VCE's Role with Youth, Families, and Communities*. Presentation at the Virginia Cooperative Extension In-service, Blacksburg, VA.
- Tyler-Mackey, C., Price, T., Vines, K. A., Jones, D., & Elswick, A. (2018). *The Opioid Epidemic: Considering Extension's Role and Virginia's Multi-Faceted Approach*. Presentation at the SRDC-CRD Webinar Series.
- Vines, K. A., & Woodell, J. (2017). *Engagement in Cooperative Extension*. National Epsilon Sigma Phi Conference, Wilmington, NC.
- Vines, K. A. (2017). *Preventing Opioid Abuse in Rural Virginia*. Presentation at the USDA-NIFA Rural Health and Safety Education Project Director Meeting.
- Vines, K. A. (2017). *Expert v. Engaged (Lecture vs. Facilitator) Agent Model*. Presentation to ANR Program Leaders Committee at the Southern Region Program Leaders Network, Fort Worth Texas.
- Vines, K. A. & Vines, N. (2017) *Exploring the role of IT engagement in Cooperative Extension*. Presentation at National Extension Technology Community Conference. Savannah, GA.
- Vines, K. A. (2017). *Engagement through Cooperative Extension: Towards understanding meaning and practice among educators in two state Extension systems*. (Doctor of Philosophy), The Pennsylvania State University, University Park, PA. Retrieved from <https://etda.libraries.psu.edu/catalog/13816kav11>
- Vines, K. A. (2017). *Engagement through Cooperative Extension: Towards Understanding Meaning and Practice Among Educators in Two State Extension Systems*. Webinar. University of Nebraska System, Lincoln, NE.
- Vines, K. A., Elliott-Engel, J. (2017). *Re-imagining Extension volunteers role in an engaged learning mode*. Presentation at National Extension Conference on Volunteerism. Asheville, NC.
- Vines, K. A. (2017). *Exploring the role of IT in engagement in the University*. Presentation at the Virginia Tech IT Symposium, Blacksburg, VA.
- Vines, K. A., Overbay, A., Daubert, J. & Elliott-Engel, J. (2017). *Thinking about community engagement at the local level in the context of Virginia Cooperative Extension (VCE)*. Presentation at the VCE On-line In-service, Blacksburg, VA.
- Latimer, J., Niewolny, K., Scott, K., Miller, C., Nartea, T., Gehrt, K., Grosso, B., **Vines, K.**, . . . Neale, S. (2017). *VCE Community, Local, and Regional Food Systems (CLRFS): Update*

and Next Steps. Paper presented at the 2017 Virginia Urban Agriculture Summit, Arlington, VA. Poster retrieved from <https://swoogo.s3.amazonaws.com/uploads/84129-5a00c597c44b2.pdf>

- Vines, K. A., Westfall-Rudd, D., Cletzer, D. A., Hunnings, J., Sumner, M., & Vines, N. T. (2016). Identifying challenges of early career agents in Virginia Cooperative Extension. *Southern Region Conference of the American Association for Agricultural Education* [Poster]. San Antonio, TX.
- Niewolny, K., Latimer, J., Bendfeldt, E. S., Scott, K., Miller, C., Nartea, T., . . . Dubois Harrow, L. (2016). *Community, Local, and Regional Food Systems* (ALCE-155NP). Retrieved from <http://www.pubs.ext.vt.edu/ALCE/ALCE-155/ALCE-155.html>
- Niewolny, K. A., Latimer, J., Bendfeldt, E. S., Scott, K., Miller, C., Nartea, T., . . . Neale, S. (2016). *VCE Model of Community, Local, Regional Food Systems* (ALCE-154NP). Retrieved from <http://www.pubs.ext.vt.edu/ALCE/ALCE-154/ALCE-154.html>
- Niewolny, K., Latimer, J., Bendfeldt, E. S., Scott, K., Miller, C., Nartea, T., . . . Tyler-Mackey, C. (2016). *Community, Local, and Regional Food Systems (CLRFS) Forum Report* (ALCE-156NP). Retrieved from <http://www.pubs.ext.vt.edu/ALCE/ALCE-156/ALCE-156.html>
- Vines, K. A., Cletzer, D. A., Westfall-Rudd, D., Hunnings, J., Sumner, M., & Vines, N. (2016). *Focusing on organizational change through the eyes of early career Extension agents*. Presentation at Joint Council of Extension Professionals Leadership Workshop. Las Vegas, NV.
- Vines, K. A., Cletzer, D. A., Westfall-Rudd, D., Hunnings, J., Sumner, M., Vines, N. T., . . . Lambur, M. (2016). *Early Career Agent Extension Professional Development Needs Assessment Report*. <http://www.intra.ext.vt.edu/staffdev/documents/ECAFinalReport.pdf>.
- Vines, K. A., Jeannette, K., Eubanks, E., Lawrence, M., & Radhakrishna, R. B. (2016). Extension Master Gardener Social Media Needs: A National Study. *Journal of Extension*, 54(2).
- Vines, K. A., Blevins, M., & Raney, B. (2013). *Using mobile devices to enhance Extension efforts*. Super Seminar presented at the Galaxy IV [Invited]. Pittsburgh, PA.
- Vines, K. A., Allen, V. G., Alley, M. M., Fontenot, J. P., & Wester, D. B. (2005). Nitrogen Fertilization or Legumes in Tall Fescue Pastures Affect Soil and Forage Nitrogen. *Plant Health Progress*, 4(1). doi:10.13140/RG.2.2.10992.61440
- Absher, K. L. (1989). *Nitrogen utilization in tall fescue (Festuca arundinacea Schreb.) pastures fertilized with nitrogen or grown with alfalfa (Medicago sativa L.) or red clover (Trifolium pratense L.)*. (M.S.). Virginia Tech, Blacksburg, VA. Retrieved from https://vtechworks.lib.vt.edu/bitstream/handle/10919/44100/LD5655.V855_1989.A23.pdf?sequence=1&isAllowed=y

External Funding

- Vines, K. A. (2020 - Submitted). CAREER proposal to strengthen relationships between communities and higher education. (\$759,106). Virginia Tech: National Science Foundation.
- Vines, K. A., Sutphin, C. M., Grove, B., Ratcliffe, D., Swaby, K., & Heath, D. (2020 - Submitted). Evaluating opportunities to enhance experiential education and increase

- diversity in the Virginia Cooperative Extension internship program. (\$29,999). Virginia Cooperative Extension: USDA - Higher Education Challenge Grant.
- Vines, K. A., Proudfoot, C., Gregg, C. L., Johnson, L., Clark, N., Wallace, R., & Baughman, S. (2020). Professional Development Needs of VCE Mid-Career Extension Professionals. (\$1,000). Virginia Cooperative Extension: Epsilon Sigma Phi.
- Vines, K. A., Sutphin, C. M., Grove, B., Ratcliffe, D., Swaby, K., & Heath, D. (2020). Evaluating opportunities to enhance experiential education and increase diversity in the Virginia Cooperative Extension internship program. (\$29,999). Virginia Cooperative Extension: USDA - Higher Education Challenge Grant. Submitted.
- Scherer, H. H., Bonnett, E. D., Duncan, S. E., Westfall-Rudd, D., Vines, K. A., & Simpson, J. J. (2020). Initiating the Rural Cyberbiosecurity Workforce Pipeline through Empowering Agricultural Educators and Supporting Middle School Girls. (\$99,577). Virginia Tech: USDA.
- Hosig, K. W., Dunkenberger, M. E., Rafie, C., Tyler-Mackey, C., Vines, K., Wenzel, S. G. (2019) Rural Opioids Technical Assistance Through Virginia Cooperative Extension. (\$549,442). Vet Med Res-Pop Health Sci: Substance Abuse & Mental Health Services Administration. September 20, 2019 – September 29, 2020
- Tyler-Mackey, C., Dunkenberger, M. B., Hosig, K., Jones, D., Price, T., Smith, M., Vines, K., Vines, N., Wenzel, S. (2018). Helping Youth PROSPER and Avoid Opioid Misuse in Virginia. In (Vol. 1,280,000). Virginia: USDA-CYFAR.
- Vines, K. A., Tyler-Mackey, C., Hosig, K., Dunkenberger, M. B., O'Connor, B., Jones, D., . . . Price, T. (2017). Preventing Opioid Abuse in Rural Virginia (Vol. \$349,606). Southwest Virginia: USDA.
- Archibald, T., L. V. Crowder, J. Johnson, H. Scherer, K. Vines (% Credit), R. Rudd, D. Westfall-Rudd. *Feed the Future Senegal Youth in Agriculture*. USAID Feed the Future. November 2, 2017 - November 1, 2022. Amount awarded: \$4,000,000.
- Bendfeldt, E., Niewolny, K., Vines, K. A. (2017). Moving Regional Food Systems Toward Sustainability: An Adaptive and Interactive Online Course in Local Food System Development for NC, SC, and VA Extension Agents and Other Service Providers (\$23,000). Virginia: USDA.
- Crowder, V., Vaughan, T., Kelinsky, L., Archibald, T., Vines, K., Westfall-Rudd, D., & Rudd, R. (2017). Feed the Future Senegal Youth in Agriculture. In (Vol. \$500,000). Senegal: USAID/Senegal.