

Karen A. Vines

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

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| 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

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

Distinctions

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| 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

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| 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

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| 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 |
| Virginia Tech Provost's Task Force on External Learning Partnership | 2019 |
| Specialist Representative for VACAA | 2019 |
| 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

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. (2020 - Submitted). Organizational and Structural Changes in Cooperative Extension Over Three Decades. *Journal of Extension*.

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 NAEPSDP/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.
- 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.

¹ PhD Student

² Undergraduate Researcher

- 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://vttechworks.lib.vt.edu/bitstream/handle/10919/44100/LD5655.V855_1989.A23.pdf?sequence=1&isAllowed=y

External Funding

- Vines, K. A., & Scherer, H. (2020). Community Engagement through Extension: Foundations for Future Faculty. In (\$26,000). Virginia Tech: VT Engage. Submitted.

- Rafie, C., Vines, K. A., & Hargrove, A. (2020). Expanding acceptance of harm reduction strategies through a participatory development approach. (Submission of NIH Grant Proposal ed., \$19,196). Martinsville Virginia: Carilion Collaborations and Health Behaviors Related Studies. Declined.
- 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.