

**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, Equine Science Minor Coordinator, and Academic Advisor, 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, Agricultural and Extension Education, 2017  
M.S. Virginia Tech, Crop and Soil Environmental Sciences, 1989  
B.S. University of Kentucky, Animal Sciences, 1987

**Distinctions**

North American College Teachers of Agriculture (NACTA) Teaching and Leadership Award, 2021  
American Association for Agriculture Education (AAAE) Southern Region Distinguished Extension Award, 2021  
Virginia Tech, College of Agriculture and Life Sciences Global Opportunities Initiative Fellow, 2021  
Bangladesh Agricultural Education Society Keynote Award, 2020  
Distinguished Service Award, Virginia Epsilon Sigma Phi, 2020  
National Association of Extension Program and Staff Development Professionals & eXtension Program Development Fellowship, 2019  
Virginia Tech 2018 Proposal Development Institute. 2018  
AAAE Omega II Powerful Professional Growth Development Program, 2016  
Penn State Vice President's Award for Innovation "Pathfinder Award", 2003

## **Classroom Instruction**

ALCE Graduate Seminar, Community Engagement Topics (ALCE 5814, 1 credit) Fall 2018  
Foundations of Agricultural, Leadership, & Community Education (ALCE 5074, 3 credits) 2018 to 2020  
Principles and Methodology of Nonformal Teaching & Learning (ALCE 5014, 3 credits, Online) 2016 to Present  
Internships in Cooperative Extension (ALCE 4054, Variable credit) 2016 to Present  
Introduction to Cooperative Extension (ALCE 4014, 3 credits) 2015 to Present. Transitioned to VT-VSU Cross-institutional Cooperative Extension Course in 2021.

## **Professional Activity**

Virginia Cooperative Extension Onboarding Committee Co-Chair, Present  
Virginia Tech ALCE OMALS Graduate Selection Committee Member, 2020 to Present  
North American College Teachers of Agriculture (NACTA), Educational Issues and Technology Improvement Committee, 2019 to Present  
USDA Strengthening the Southern Region Extension and Research System to Support Local & Regional Foods Needs and Priorities, Southern Education and Research Activity (SERA-47), Chair (2020), Vice-Chair (2019), Secretary (2018), Member 2016 to Present  
American Association of Agricultural Educators (AAAE) Member, 2014 to Present  
National Association of Extension Program and Staff Development Specialists (NAEPSDP) Member, 2014 to Present  
Epsilon Sigma Phi (ESP) National Public Issues Committee Member, 2008 – 2014, National Member 2005 to Present, Alpha Omicron Chapter (Pennsylvania) President (2008 to 2009), Vice-President (2007 to 2008), Secretary (2006 to 2007), Virginia Member, 2014 to Present  
Southern Region Program Leadership Network: Program and Staff Development Committee Member, 2017 - 2020  
National Association of County Agricultural Agents (NACAA), Chair of Extension Development Council, 2008 to 2011, Chair of Teaching and Educational Technologies Committee, 2004 to 2007, Member, 1996 to 2020  
Virginia Association of County Agricultural Agents (VACAA), Extension Specialist Representative, 2019, Member, 2011 to 2020  
Pennsylvania Joint Council of Extension Professionals, President, 2008 to 2009  
Pennsylvania Association of County Agricultural Agents (PACAA), Member, 2004 to 2010  
Virginia Tech Provost's Task Force on External Learning Partnership, 2019  
University Undergraduate Honors System, College of Agriculture & Life Sciences (CALs) Representative, 2014 – 2018  
Galaxy IV Educational Programming Committee Chair, 2012 – 2013  
Indiana Extension Agents Association, Member 1996 to 2001  
Cooperative Extension Change Agent's States for Diversity Committee, Pennsylvania, 2002 to 2006  
National and Kentucky 4-H & Youth Development Association, Liaison to Kentucky 4-H Alumni, 1995 – 1996, Member 1991 - 1996

### **Graduate Students Advised**

Kuri, S. K. (2021). *Exploring Teaching Practices of the Agricultural Education at Bangladesh Agricultural University (BAU)*. [PhD dissertation, Virginia Tech]. VTechWorks.

<https://vtechworks.lib.vt.edu/handle/10919/104075>

Scott, J. L. (2020). *Exploring Experiences of Unofficial Actors in the Farm to School Policy-Making Process*. [MS thesis, Virginia Tech]. VTechWorks.

<https://vtechworks.lib.vt.edu/handle/10919/99888>

Fink, S. W. (2020). *Parental Learning Experiences with Children Active in 4-H*. [M.S. OMALS Project, Virginia Tech]. VTechWorks. <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*. [M.S. OMALS Project, Virginia Tech]. VTechWorks. <https://vtechworks.lib.vt.edu/handle/10919/98397>

<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*. [M.S. OMALS Project, Virginia Tech]. VTechWorks. <https://vtechworks.lib.vt.edu/handle/10919/96405>

Hill, A. (2019). *The academic experience of African-American male student athletes*. [M.S. OMALS Project, Virginia Tech]. VTechWorks.

<https://vtechworks.lib.vt.edu/handle/10919/96340>

Lillard, C. (2019). *The use of ripple effect mapping as a tool for Extension programming*. [M.S. OMALS Project, Virginia Tech]. VTechWorks.

<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.

### **Publications**

Vines, K. A., Baughman, S., Clark, N., Gregg, C., Henderson, J., Johnson, L., & Wallace, R. (2021, submitted). Virginia Cooperative Extension Mid-Career Focus Group Findings – Competencies (ALCE-187NP). *Virginia Cooperative Extension*. <Add URL>

- Vines, K. A., Baughman, S., Clark, N., Gregg, C., Henderson, J., Johnson, L., & Wallace, R. (2021). Virginia Cooperative Extension Mid-Career Focus Group Findings – Methodology and Demographics (ALCE-179NP). *Virginia Cooperative Extension*. <Add URL>
- Vines, K. A., Johnson, L., Bishop, H., Paulette, M., Pearson, J., Spencer, J., & Thompson, J. (2021). Virginia Cooperative Extension Onboarding 2021 Survey Findings (ALCE-278NP). *Virginia Cooperative Extension*. <Add URL>
- Vines, K. A., Cletzer, D. AL, Westfall-Rudd, D., Hunnings, J. R., Sumner, M., Vines, N. T., Johnson, L., & Lambur, M. (2021) Early Career Extension Professional Development Needs Assessment Report (ALCE-273NP). Virginia Cooperative Extension. <https://resources.ext.vt.edu/contentdetail?contentid=3289&contentname=Early%20Career%20Extension%20Professional%20Development%20Needs%20Assessment%20Report>
- Vines, K. A. (2021). Fulbright Fellow Dr. Farouque visits Virginia Tech. *CALS Global News*. <https://www.cals.vt.edu/global/cals-global-news/Farouque.html>
- Vines, K. A. (2021 - In Press) Extension Program Delivery Using an Engaged Model. *VCE-xxx*. Virginia Cooperative Extension.
- Vines, K. A. (2021, Submitted). Online Focus Groups for Gathering Data in Cooperative Extension. *Journal of Extension*.
- Nelson, L., & Vines, K. A. (2021 - Submitted). Evaluating Extension Capacity to Implement Evidence-Based Substance Prevention Programs in Rural Communities. *Journal of Extension*.
- Sarker, M., Afrin, S., Rahman, M. Z., Hasan, M. M., & Vines, K. A. (2021 - Submitted). Farmers' Innovation Capacity in Adoption of Farm Machinery in Bangladesh. *Journal of the Saudi Society of Agricultural Sciences*.
- Coleman, M., Vines, K. A., Zoumenou, V., Dankbar, H., Burney, J., Settle, Q., . . . Jones, E. (2021). *SERA 47 - Strengthening the Southern Region Extension and Research System to Support Local & Regional Foods Needs and Priorities December 2019 - December 2020*. [Report]. NIMMS.
- Kuri, S. K., Vines, K. A., & Lambur, M. (2021). Identifying Key Constructs and Measurements to Assess the Situation Analysis Reports. *Journal of Extension*, 58(3). <https://tigerprints.clemson.edu/joe/vol58/iss3/23>
- Zoumenou, V., Vines, K. A., Crosby, I. C., Bloom, D., Lamie, D., Hossfeld, L., Young, E., Jones, E. (2020). *SERA 47 - Strengthening the Southern Region Extension and Research System to Support Local & Regional Foods Needs and Priorities 2018-2019*. [Report]. NIMMS.
- Vines, K. A. (2020). *Gleanings from early career Zoom sessions – June 2020*. [Report]. Virginia Cooperative Extension Leadership Team.
- Vines, K. A., Hosig, K., Dunkenberger, M. B., O'Connor, B., Wenzel, S., Price, T., & Jones, D. (2020). *Preventing Opioid Abuse in Rural Virginia (Grant 2017-46100-27194)*. [Grant]. USDA-NIFA – Rural Health & Safety Education.
- Talerico, J., Capaldo, S., Cockrum, D., Filer, K., Fravel, B., Hartman, K., Ott, R., Paterson, E., Ratcliffe, D., & Vines, K. A. (2019). *Provost Task Force on External Learning Partnerships – Initial Report*. [Report]. Virginia Tech Provost, Cyril Clark.
- Vines, K. A., Bullard, S., Woodford, H., & Kuri, S. K. (2019) Participant Perspectives of the Virginia Conservation Reserve Enhancement Program's Success. *Journal of the NACAA*, 12 (2). <https://www.nacaa.com/journal/index.php?jid=1023>

- Vines, K. A., Hosig, K., Tyler-Mackey, C., Dunkenberg, M. B., Jones, D., Wenzel, S., & Price, T. (2020). *Preventing Opioid Abuse in Rural Virginia Annual Progress Report* (003137015). [Report] USDA-NIFA-Rural Health & Safety Education.
- Vines, K. A., & Stiegler, C. T. (2018). *Engaged Program Planning for eXtension Impact Collaborative Teams*. Innovation Skill-Building Experience Workbook. [Online article]. <https://archive.extension.org/wp-content/uploads/2020/03/Engaged-Program-Planning-for-eXtension-Impact-Collaborative-Teams.pdf>
- Vines, K. A. (2018). *Preventing Opioid Abuse in Rural Virginia Annual Progress Report*. USDA-NIFA- Rural Health & Safety Education.
- Vines, K. A., North, E. G., Crosby, I. C., Hossfeld, L., Donaldson, J., Lamie, D., Young, E., Jones, E. (2018). *SERA 47 - Strengthening the Southern Region Extension and Research System to Support Local & Regional Foods Needs and Priorities September 2017-September 2018*. [Report]. NIMSS.
- Vines, K. A. (2018). Exploration of Engaged Practice in Cooperative Extension and Implications for Higher Education. *Journal of Extension*, 56(4). Article 4FEA1. <https://archives.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). Article <https://www.joe.org/joe/2018february/a2.php>
- 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>
- 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). <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). <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). <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. T., . . . Lambur, M. (2016). *Early Career Agent Extension Professional Development Needs Assessment Report*. [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. (2006). 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](https://vttechworks.lib.vt.edu/bitstream/handle/10919/44100/LD5655.V855_1989.A23.pdf?sequence=1&isAllowed=y)

## **Presentations**

- Vines, K. A. (2021, October 10). *Successful Partners Panel Discussion*. [Invited]. HBCU/MSI Research Summit at Virginia Tech. Blacksburg, Virginia.
- Vines, K. A. (2021, September 14). *Exploration of Conceptual Frameworks for University Engagement*. Engaged Scholarship Consortium Virtual Conference.
- Vines, K. A. (2021, September 20). *VCE Professional Development Across Your Career*. Southwest Extension District Unit Coordinator Virtual Meeting.
- Vines, K. A. (2021, September 14). *Exploration of Conceptual Frameworks for University Engagement*. Engaged Scholarship Consortium Virtual Conference.
- Vines, K. A. & Johnson, L. (2021, July 19). *New Extension Specialist On-boarding Program*. VCE Extension Department Leaders Summer Meeting. Blacksburg, Virginia.
- Vines, K. A. (2021, March 20). *Re-imagining the Role of 4-H Volunteer Leaders in an Engaged Cooperative Extension Delivery Model*. Virginia Association of Adult 4-H Volunteer Leaders' Spring Virtual Conference.
- 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.
- Vines, K. A. (2020). *Opportunities to Increase Experiential Learning and Engagement through Extension Internships*. Virginia Tech Higher Education Pedagogy Conference, Blacksburg, VA.
- Kuri, S. K., 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., 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. (2019). *2018 NAEPSDP/eXtension Program Planning Fellow Experience Ignite Presentation* [Invited] National Association of Extension Program & Staff Development Professionals, Savannah, GA.
- Kuri, S. K., 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. (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.<sup>1</sup>, 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.
- 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). *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*. 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., 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.
- 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.

### **External Funding**

- Vines, K. A. (2022-2027, Submitted). *Developing a New Framework for Cooperative Extension that Enhances Community Transformation through STEM Education* [Grant]. National Science Foundation. (\$842,633)
- Vines, K. A. (2020-2022). *1862 & 1890 Cross-institutional Introduction to Cooperative Extension course* [Grant]. VT & VSU: VT ICTAS. (\$20,000)
- Vines, K. A., Proudfoot, C., Gregg, C. L., Johnson, L., Clark, N., Wallace, R., & Baughman, S. (2020-2021). *Professional Development Needs of VCE Mid-Career Extension Professionals* [Grant]. National Epsilon Sigma Phi. (\$1,000)
- 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 (\$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 (\$349,606). Southwest Virginia: USDA.
- Archibald, T., L. V. Crowder, J. Johnson, H. Scherer, K. Vines, R. Rudd, D. Westfall-Rudd. *Feed the Future Senegal Youth in Agriculture*. USAID Feed the Future. November 2, 2017 - November 1, 2022. (\$4,000,000). Senegal.
- 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.