

BRANDY E. PHIPPS

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Dr. Phipps received her Ph.D. in Biomedical Sciences from Virginia Polytechnic Institute and State University. She is an Associate Professor and Director of the Phipps Sustainable Nutrition Sciences Lab (PSNS) with a research focus on a) food systems and health; and b) holistic interactions of biomolecules in plant extracts and foods and the mechanisms of biomolecules in the prevention/alleviation of disease, and externally funded projects totaling more than \$17M in external funding. She is an nationally recognized, award-winning educator whose higher education teaching experience is primarily in Biological and Life Sciences, and she currently teaches a wide range of nutrition classes and supervises student research. She is particularly passionate about providing collaborative educational experiences, advanced experiential STEM learning opportunities, and personalized mentoring to students and those who have been socially and economically disadvantaged.

I. QUALIFICATIONS

VA-MD Regional College of Veterinary Medicine/Virginia Polytechnic Institute and State University, Blacksburg, VA (2000-2004)

Ph.D. in Biomedical and Veterinary Sciences

Areas of Concentration: Nutrition, Molecular Cell Biology and Biotechnology, Oncology

Dissertation Advisor: Korinn E. Saker

Dissertation: *Polyunsaturated Fatty Acids and the Epidermal Growth Factor Receptor/ Mitogen-Activated Protein Kinase Signal Transduction Cascade in Mammary Cancer*

Virginia Polytechnic Institute and State University, Blacksburg, VA (1998 – 2000)

M.S. in Human Nutrition, Foods and Exercise

Thesis Advisor: Barbara A. Davis

Areas of Concentration: Nutrition, Molecular Cell Biology and Biotechnology, Oncology

Thesis: *Vitamin B6 Decreases Proliferation and DNA Synthesis in Human Mammary Carcinoma Cell Lines In Vitro*

University of Florida, Gainesville, FL (1995 - 1998)

B.S. in Nutrition Sciences

Area of Concentration: Nutrition, Pre-Medicine

II. ACADEMIC APPOINTMENTS

Central State University, Wilberforce, OH, 2023 – present

- Associate Professor with Tenure – Department of Agricultural and Life Sciences (DALs)
- Researcher – Food, Nutrition and Health, Agriculture Research Development Program (ARDP)

Central State University, Wilberforce, OH, 2019 - 2023

- Assistant Professor - Department of Agricultural and Life Sciences (DALs)
- Researcher - Food, Nutrition and Health, Agriculture Research Development Program (ARDP)

As a faculty member with a split appointment in both the Department of Agricultural and Life Sciences and the Agriculture Research Development Program, my position consists of a broad range of research, teaching, outreach, and leadership duties and functions that support CSU's 1890 land-grant mission and the needs of our stakeholders.

- Some of my primary responsibilities include, but are not limited to:
 - Designing, implementing, and leading research that addresses the intersection of nutrition/health equity and justice and food systems transformation.
 - Designing, implementing, and leading research addressing biomolecular mechanisms and health impacts of phytochemicals from plant extracts and foods.
 - Teaching core undergraduate courses that contribute to agriculture and life science degree programs.
 - Advising and mentoring students.
 - Designing and implementing outreach programs in my areas of expertise.
 - Developing relationships with community organizations and industry partners in my areas of expertise.
- Specific contributions and accomplishments as they relate to the above-mentioned include:
 - Acquired and manage a funding portfolio with funding from USDA-NIFA and FDA. Awarded more than \$10M as PI/PD, an additional >\$5M as co-PI/PD, and \$1M as named Collaborator.
 - Design, plan, and conduct research and report findings via peer-reviewed scientific papers, social media, annual reports, conference presentations, field tours, open houses, community events, and workshops.
 - Design, plan, implement, and evaluate extension programming in agriculture, food systems, nutrition, and health.
 - Served as an expert panelist or speaker for numerous conferences, symposia, community education events and workshops exploring issues related to agriculture, food systems, nutrition, and community engagement in research.
 - Provided written and in-person testimony as a witness to the United States House Agriculture Committee, Subcommittee on Biotechnology, Horticulture, and Research *An Examination of the USDA's Hemp Production Program* (July 2022).
 - Served as an expert panelist for the Congressional Briefing *Our Health, Our Planet, Our Future: The Urgent Need to Invest in Sustainable Nutrition Science* (January 2022).
 - Proposal reviewer for USDA-NIFA panel (2022) and Health Path of Ohio (2018, 2020, 2022, 2024).
 - Annually evaluate and assess the nutrition curriculum and exercise science program and nutrition minor. Contributed to Higher Learning Education documents and professional accreditation documents for these programs.
 - Served in leadership positions on campus, regionally, and nationally as University committee Chair of several committees, Executive Officer of a tri-county food bank, Chair of the Clark County Local Food Council and Education Committee, a member of the DEI taskforce of the American Society for Cell Biology, and as Chair of the Inter-Institutional Network for Food, Agriculture, and Sustainability (INFAS).
 - Established, implemented, and provided leadership for the INFAS Graduate Food Systems Fellowship – mentoring and providing networking and learning opportunities for graduate students to learn how to ethically and equitably engage communities in their scholarly work.

- Established and maintained MOUs and other working partnerships with community organizations and industry partners to conduct research, implement outreach programming, and provide education services.
- Recognized for exemplary teaching, research, service, and leadership with the 2025 INFAS Stepping Up Award; the 2023 USDA/APLU National Award for Excellence in College and University Teaching in the Food and Agricultural Sciences Program Early Career Award; the 2022 CSU Presidential Faculty Excellence Award; the 2022 SOCHE Faculty Excellence Award; and the 2022 Association for Women in Science Early Career Award.

USDA-NIFA, Kansas City, MO 64133

- Panel Manager (GS-0401-15/0) – July 2023 – May 17, 2025
- Panel Chair (restructuring within NIFA; same responsibilities as previous Panel Manager) – January 2026 – July 2026
- Managed 5 panels (with up to >500 proposals per panel)

As an intermittent employee in various USDA NIFA Institutes, I provided leadership and direction in recommending and awarding grants as a Panel Manager/Panel Chair. My primary duties included:

- Analyzing submitted letters of intent and proposals and determining the panel composition needed to provide technical expertise for the determination of merit and funding recommendations.
- Providing leadership to recruit accomplished scientists from diverse backgrounds (geography, gender, race, technical expertise, ethnicity, career stage, and panel experience) to serve on *ad hoc* transdisciplinary review panels.
- Assigning proposals to panelists based on expertise, while avoiding conflicts of interest.
- Engaging panelists to provide support and guidance in the proposal review process prior to convening the panel.
- Co-leading review panels to ensure efficient, balanced, and equitable discussion of each proposal's merit and ranking.
- Providing National Program Leaders an assessment of the panel process with suggestions for improvement and potential modifications of existing and future panels and RFAs.

Clark State Community College, Springfield, OH, 2012 – August 2022

- Adjunct Faculty, Department of Health, Human and Public Services

Cedarville University, Cedarville, OH, January 2004 – December 2006

- Assistant Professor of Biology, Department of Science and Mathematics

III. TEACHING EXPERIENCE

*New course and/or curriculum developed, significantly revised by me, and or adapted for online/blended learning. OER = open education resources

Central State University (2019-present):

- **Applied Anatomy and Physiology* (EXS 2101 and 2102) (OER)
- **Anatomy and Physiology 1 and 2 with Lab* (EXS 2301 and 2302) (OER)
- **Undergraduate Research in Biology* (BIO 4500) (OER)
- **Exercise Practicum III (Research in Exercise Science)* (EXS 3356)
- **Global and Cultural Nutrition* (EXS/NUT 3320)
- **Basic Human Nutrition* (EXS/NUT 1200) (OER)

- **Nutrition in Health and Disease* (EXS/NUT 3302)
- **Nutrition Minor* (One of 2 faculty to develop/implement/revise)
- **Nutrition Science Major* (Lead developer – see Department Service for more details.)
- **Nutrition Through the Lifecycle* (EXS/NUT 2202) (OER)

Other Significant Teaching Accomplishments:

Guest Lectures:

- **Phipps, B.E.** (2026, February 26) *Food Choice, Cultural Values, and Health*. All That Works Workforce Development Program, Columbus, Ohio.
- **Phipps, B.E.** (2025, September 4) *Youth Engagement with Global Food Culture*. All That Works Workforce Development Program, Columbus, Ohio.
- **Phipps, Brandy E.** (2025, July 11) *Prestigious Graduate Fellowships: Application Processes for Graduate School, Fellowships, and Funding*. STEM Research for Social Change 2025 Professional Development Series. Central State University, Ohio.
- **Phipps, Brandy E.** (2025, January 30). *Community Research Principles*. Bioethics in Occupational and Environmental Health. Case Western Reserve University School of Medicine, Ohio.
- **Phipps, Brandy E.** (2025, January 21). *Environmental Justice in Healthcare: Understanding the Impact on Public Health*. Introduction to Environmental Health. Case Western Reserve University School of Medicine, Ohio.
- **Phipps, Brandy E.** (2024, January 22). *Environmental Justice in Healthcare: Understanding the Impact on Public Health*. Introduction to Environmental Health. Case Western Reserve University School of Medicine, Ohio.
- **Phipps, Brandy E.** (2023, October 3). *Cultural Humility*. Community Health Workers Program. Central State University, Ohio.
- **Phipps, Brandy E.** (2023, September 20). *Food Sovereignty as Public Health Practice*. Food is Medicine Preclinical Elective (NTRN 9001M), Case Western Reserve School of Medicine, Ohio.
- **Phipps, Brandy E.** (2023, May 20). *Nutrition in Community Health Work*. Community Health Workers Program. Central State University and Care Source, Ohio.
- **Phipps, Brandy E.** (2023, May 6). *Anatomy and Physiology for Community Health Workers*. Community Health Workers Program. Central State University and Care Source, Ohio.

Clark State Community College (2012 - 2022):

- **Basic Human Nutrition* (BIO 1110)
- *Microbiology* (BIO 1131)
- *Anatomy and Physiology 1* (BIO 2121)
- *Anatomy and Physiology 2* (BIO 2122)
- *Fundamentals of Anatomy and Physiology* (BIO 1105)

Cedarville University (2004-2006):

- *Human Anatomy, Physiology and Pathophysiology 1* (BIO 2010)
- *Human Anatomy, Physiology and Pathophysiology 2* (BIO 2020)
- **Biochemistry* (BIO 3710)
- **Nutrition and Metabolism* (BIO 4XXX)
- **Nutrition and Disease* (BIO 4XXX)

VA-MD Regional College of Veterinary Medicine (2000 - 2004):

- *Advanced Medical Biochemistry*
- **Topics in Immunology - Molecular Mechanism(s) of Signal Transduction in Cellular Immunity*
- *Veterinary Fundamentals of Nutrition*

- *Graduate Research Seminar – Proposal Preparation
- *Graduate Research Seminar - Experimental Design

Virginia Polytechnic Institute and State University (1998 - 2000):

- *Nutrition and Metabolism 1*
- *Nutrition and Metabolism 2*

IV. SCHOLARLY ACTIVITIES

PEER-REVIEWED PUBLICATIONS: (^SSenior/Corresponding Author; ¹First Author; ^CCo-first author)

Invited Reviews and Book Chapters:

Fawole, F.J. (postdoctoral researcher), Schluttenhofer, C., & **Phipps, B.E.**^S. 2026. Advances in the use of hemp as feed for fish. *Achieving Sustainable Cultivation of Hemp*. Ed. Professor Emerit Jay Stratton Noller. Burleigh Dodds Science Publishing, Cambridge, UK. DOI: [10.19103/AS.2025.0161.13](https://doi.org/10.19103/AS.2025.0161.13)

Brandy E. Phipps^C and Craig Schluttenhofer. 2022. Perspectives of industrial hemp cultivation. *Industrial Hemp: Food and Nutraceutical Applications*. Ed. Milica Pojić and Brijesh Tiwari. Academic Press, an Imprint of Elsevier. <https://doi.org/10.1016/B978-0-323-90910-5.00002-6>

Cowing, Brandy E.¹ and Saker, Korinn E. (2001). Polyunsaturated Fatty Acids and EGFR/MAPK Signaling in Mammary Cancer. *The Journal of Nutrition*, 131:1125-1128. DOI: [10.1093/jn/131.4.1125](https://doi.org/10.1093/jn/131.4.1125)

Manuscripts:

Park, Y. (postdoctoral researcher), Yun, S.D., **Phipps B.E.**, Tyler, M., & Schluttenhofer, C. (2026) Hemp Cultivation and Crop Diversification: Implications for Ecosystem Services in Kentucky. *Applied Economic Perspectives and Policy* <https://doi.org/10.1002/aepp.70099>

Budowle, R., Cousineau, B. (graduate student), Miller, M., Grossman, J., & **Phipps, B.** (2025). Strategic storytelling: Reflecting on the past, present, and future of INFAS. *Journal of Agriculture, Food Systems, and Community Development*, 15(1), 77–93. <https://doi.org/10.5304/jafscd.2025.151.029>

Park Y. (postdoctoral researcher), Yun S., Huang K.M., and **Phipps B.** (2025). A Rainbow on the Farm: Specialty Crops for a Healthier Agroecosystem. *Choices*. 40(4). <https://www.choicesmagazine.org/choices-magazine/theme-articles/sustainable-specialty-crop-production-theme/a-rainbow-on-the-farm-specialty-crops-for-a-healthier-agroecosystem>

Miles, A.F., **Phipps, B.E.**, and Berry, E. (2025). Editorial: Food System Transformation and the Realization of the UN Sustainable Development Goals. *Frontiers in Sustainable Food Systems, section Social Movements, Institutions and Governance*. 9:1691198. doi: 10.3389/fsufs.2025.1691198

Park, Y. (postdoctoral researcher), Yun, S.D., Mark, T., McFadden, B., **Phipps, B.E.**, and Schluttenhofer, C. (2025). Crop Acreage Portfolio Analysis of Introducing More Hemp in Kentucky. *Agrosystems, Geosciences & Environment* <https://doi.org/10.1002/agg2.70122>

Hyink, J. (graduate student), McFadden, B.R., Adhikari, S., **Phipps, B.E.**, Mark, T., Rossi, W., Schluttenhofer, C., and Yun, S.D. (2025). Consumer perceptions of hemp-fed aquaculture. *Aquaculture Economics & Management*, 1–31. <https://doi.org/10.1080/13657305.2025.2485105>

Hyink J. (graduate student), McFadden B.R., **Phipps B.E.** and Gundersen C. (2024) Could measuring factors other than a lack of financial resources help in achieving the zero hunger goal. *Frontiers in Sustainable Food Systems*. 8:1412401. DOI: [10.3389/fsufs.2024.1412401](https://doi.org/10.3389/fsufs.2024.1412401)

Davis Barbara A. and **Cowing, Brandy E.**^c (2000). Pyridoxal Supplementation Reduces Cell Proliferation and DNA Synthesis in Estrogen-Dependent and -Independent Mammary Carcinoma Cell Lines. *Nutrition and Cancer* 38(2):281-286. DOI: [10.1207/s15327914nc382_18](https://doi.org/10.1207/s15327914nc382_18)

Other:

Phipps, B.E.¹ (2022, July 28). *An Examination of the USDA's Hemp Production Program* [Written Testimony] Testimony before the United States House Agriculture Committee, Subcommittee on Biotechnology, Horticulture, and Research, Washington D.C.

INVITED TALKS:

Phipps, B.E. (2026, September 9) *Student Engagement, Creating Opportunities, and Building Bridges – Leveraging Large Projects for Impact and Longevity*, [Invited Talk], 2026 USDA-NIFA NextGen Project Directors Meeting, Kansas City, KS.

Phipps, B.E., Ortiz, C., & Krishnaswamy J. (2026, September 10) *USDA NIFA Peer Review Process*, [Invited Panelist], 2026 USDA-NIFA NextGen Project Directors Meeting, Kansas City, KS.

Phipps, B.E. & Kowalkowski, B. (2026, June) *SUSHI Team Presentation*, [Invited Talk], 2026 USDA-NIFA SAS Project Directors Meeting, Madison, WI.

Phipps, B.E. (2026, March 30) *Transformative Food Systems Work*, [Invited Speaker], CommUNITY Event, South Dakota State University, Brookings, SD.

Phipps, B.E. (2026, March 30) *Advancing Sustainable and Resilient Food Systems Through Education and Research*, [Invited Speaker], College of Agriculture, Food, and Environmental Sciences (CAFES), South Dakota State University, Brookings, SD.

Phipps, B.E. (2025, November 8-9) *Honoring Heritage and Building Community: Global and Cultural Nutrition Education for Healthcare Professionals*, [KEYNOTE] 2025 Food as Medicine Global Conference, Virtual

- I invited a medical student/mentee (Connor Riegall) to join my keynote speech and present his work.

Phipps, B.E. (2025, September 16-18) *Reeling in the Benefits: Hemp for Trout Aquaculture*, [Invited Speaker] 2025 US Trout Farmers Association Meeting, Hunter, NY.

Phipps, B.E. (2025, March 27) *Where are We Now? An Update of the SUSHI Project*, [Invited Speaker] S1084 Multistate Hemp Meeting, Baton Rouge, LA.

Phipps, B.E. (2024, April 26) *Food Systems and Health Equity*, [Invited Speaker] Northeast Ohio Black Coalition on Health, Cleveland, OH.

Phipps, B.E. (2024, February 21) *SUSHI: A USDA-NIFA Sustainable Agriculture Systems Project* [Invited Speaker] World Aquaculture Society's Aquaculture America 2024, San Antonio, TX.

Phipps, B.E. (2023, June 22) *Food Justice in Montgomery County* [Invited Panelist] Pathways To Overcoming Health/Wealth Barriers within Montgomery County and Surrounding Areas, Huber Heights Culture and Diversity Citizen Action Commission's Education Forum.

Phipps, B.E. (2023, March) *Transformative Research - Hallmarks of Nutrition and Aging* [Invited Keynote Speaker and Conference Facilitator]. Pair-Up Scientific Conference, American Society for Cell Biology, Tempe, AZ.

Phipps B.E. (2023, February 12) *Gather* [Invited Panelist]. Film Viewing and Panel Discussion. Gateway Film Center, Black Ohio Film Group and Growing and Growth Collective, Columbus, OH.

Phipps B.E. (2023, January 15) *Arc of Justice: The Rise, Fall, and Rebirth of a Beloved Community* [Invited Panelist]. Film Viewing and Panel Discussion. Gateway Film Center, Black Ohio Film Group, and Growing and Growth Collective, Columbus, OH.

Phipps B.E. (2022, November 15) *Approaching Food Systems, Agriculture, and Nutrition Work Through an Integrative Lens of Equity, Sustainability, Cultural Respect, and Community-Centeredness – The SUSHI Project* [Invited Seminar Speaker]. Case Western Reserve University School of Medicine Swetland Center for Environmental Health, Cleveland, OH. <https://youtu.be/39up1jtZPR8>

Phipps, B.E. (2022, October 13-14). *Community-centered Approaches for Food Systems Transformation* [Keynote Speaker]. Food Sovereignty Workshop, Ohio State University, Columbus, OH. <https://mobile.twitter.com/i/broadcasts/1mrxmlkXegEWGy>

Phipps, B.E. (2022, October 1). *Improving Social Equity and Inclusion* [Panel Moderator]. Ohio Cannabis Health and Business Summit, Cleveland, OH.

Phipps, B.E. and Villalba, J. (2022, August 9). *Diversity, Equity, Inclusion, and Justice in Sustainable Agriculture Systems Research* [Invited Speaker]. Sustainable Agricultural Systems and Cooperative Agriculture Projects Managers Community of Practice.

Phipps, B.E. (2022, July 28). *An Examination of the USDA's Hemp Production Program* [Witness] Testimony before the United States House Agriculture Committee, Subcommittee on Biotechnology, Horticulture, and Research, Washington D.C. <https://youtu.be/uC8BvTEQLYo>

Phipps, B.E. (2022, April 21). *Central State University Research and Scholarly Activities Day* [Keynote Speaker]. Central State University.

Phipps, B.E. (2022, March 25). *Community Engagement to Increase Cultural Equity in Sponsored Agriculture and Nutrition Programs* [Invited Speaker]. Department of Anthropology, The Ohio State University – cancelled last minute due to OSU departmental emergency; OSU has reached out to reschedule for 2022-2023.

Phipps, B.E. (2022, March 17). *Planning and Navigating a Multidisciplinary Career in Nutrition Sciences/Policy* [Invited Speaker]. Department of Human Nutrition, Foods, and Exercise, Virginia Polytechnic Institute and State University.

Phipps, B.E. (2022, March 7). *Nutraceutical Properties of Hemp* [Invited Speaker]. Department of Biological Sciences, Wright State University.

Phipps, B.E. (2022, February 17). *Hemp Research Update*. S1084 Hemp Meeting [Invited Speaker].

Phipps, B.E., Mozafarian, D., Reinhardt, S., Stevenson, T.R., Bustos, D., Booker, C., & Cornyn, J. (2022, January 26). *Our Health, Our Planet, Our Future: The Urgent Need to Invest in Sustainable Nutrition Science* [Congressional Briefing: Invited Panelist].

<https://vimeo.com/showcase/9277271/video/675900424#t=911s>

- Congressional briefing sponsored by Senator Cory Booker (Chair, Subcommittee on Food, Nutrition, Specialty Crops, Organics, and Research) and Senator John Cornyn (Chair, Ranking Member, Subcommittee on International Trade, Customs, and Global Competitiveness). Organized by the Friedman School of Nutrition Science & Policy at Tufts University and the Union of Concerned Scientists. I was invited to participate as a speaker/panelist to speak to my expertise in “research and education at the intersection of food production, climate and environment, and nutrition, including health equity.”

Phipps, B.E. (2021, December 2). *DEI and Freedom of Speech: Breakout Session* [Conference Moderator]. SOCHE Diversity, Equity, and Inclusion Conference: “What’s Next: Maintaining DEI Momentum on Campus,” Live Virtual.

Phipps, B.E. and Schluttenhofer, C. (2020, March 20). *Promoting Inclusivity and Sustainability in an Emerging Hemp Industry – A Model Partnership* [Invited Talk]. University of Colorado, Colorado Springs. – **cancelled last minute because of COVID-19 national lockdown.**

Phipps, B.E., Avant, N., Styles, M., Paul, J., and Campbell, K. (2018, April 12). *Best-Practices in Education and Research: How are we ensuring that tomorrow’s medical practice is better than today’s, both in terms of its practitioners and its outcomes?* [Invited Panelist]. 2018 Ohio Healthcare Diversity Summit, Springfield, OH, United States.

CONFERENCE SESSIONS AS CHAIR or FACILITATOR

Phipps, B.E., Souza, K., Johnson, K., Burton, D., & Wallace, R.V. (2025, November 20-21) *INFAS-REFS Food Systems Fellows Retreat*, Detroit, MI.

- This was a 2-day intensive, in-person retreat (mini-conference) which brought together INFAS Graduate Food Systems Fellows with members of the Racial Equity in the Food Systems working groups and policy-makers, community leaders/practitioners, urban farmers, etc. with the goal of working together to envision and create an action plan to further Food Sovereignty in Detroit and to equip the graduate fellows with tools to ethically and equitably engage communities in their academic work.

***Phipps, B.E.** & Lunsford, L. (2024, September 17). *Harvesting Potential: Developing Leaders for a Sustainable Food System*, University of Vermont Food Systems Summit, Burlington, VT.

PEER-REVIEWED CONFERENCE ABSTRACTS/PRESENTATIONS/PROCEEDINGS

(*presentation; ++poster; ^SSenior/Corresponding/Presenting Author; ¹First Author; ^CCo-first/presenting author):

⁺⁺Edgecombe, K.A. (undergraduate student), Fawole, F. (postdoctoral researcher), Schluttenhofer, C., and **Phipps, B.E.**^S (2026, November 19). *Designing a Static Cold-Water System for Rainbow Trout Fish Study* [Poster]. 2026 AAAS Riley Memorial Lecture, Washington DC.

⁺⁺Rodriguez, M. (undergraduate student), Wentzel, H. (undergraduate student), Fawole, F.J. (postdoctoral researcher), Nedunuri, K., Schluttenhofer, C., and **Phipps, B.E.**^s (2026, October 29-31). *Enhancing Oil Extraction and Collection from Dehulled Hemp Seeds* [Poster]. 2026 SACNAS Annual Conference, Long Beach, CA.

*Fawole F.J. (postdoctoral researcher), Junlaprom, T. (graduate student), de Sena Farias, A.B. (graduate student), Rossi, W., Schluttenhofer, C., Nedunuri K., McFadden, B., Mark, T., and **Phipps, B.E.** *Growth and Feed Utilization of Rainbow Trout Fed Dietary Hempseed Meal as a Substitute for Fishmeal*, [Presentation]. 2026 Cannabis Research Conference, San Diego, CA.

*Fawole, F.J. (postdoctoral researcher), Junlaprom, T. (graduate student), Rossi, W., Schluttenhofer, C., & **Phipps B.E.** (2026, October 19-21). *Apparent Digestibility of Full-Fat and Defatted Hemp Heart Meal in Juvenile Rainbow Trout, Oncorhynchus mykiss*, [Presentation]. 2026 Cannabis Research Conference, San Diego, CA.

*Fawole, F. (postdoctoral researcher), Alshammari, N. (undergraduate student), Rodriguez, M. (undergraduate student), Wentzel, H. (undergraduate student), Moncur, Q. (undergraduate student), Nedunuri, K., Schluttenhofer, C., & **Phipps, B.E.** (2026, October 19-21). *Effects of Pressing Conditions on Oil Recovery from Hemp Hearts Using a Lab-Scale Hydraulic Press*, [Presentation]. 2026 Cannabis Research Conference, San Diego, CA.

⁺⁺Panahi, S. (postdoctoral researcher), Rangu, S., Rolle, G. (undergraduate student), **Phipps, B.E.**, & Schluttenhofer, C. (2026, October 19-21). *GC-MS Characterization of Aerosols Generated from Cannabis Vape Formulations*, [Poster]. 2026 Cannabis Research Conference, San Diego, CA.

*Panahi, S. (postdoctoral researcher), Rangu, S., Rolle, G. (undergraduate student), **Phipps B.E.**, & Schluttenhofer, C. (2026, 19-21 October). *Characterization of Aerosol Degradation Products from Flavored Cannabidiol- and Cannabigerol-based E-liquid Formulations*, [Presentation]. 2026 Cannabis Research Conference, San Diego, CA.

Phipps, B.E.^s, Souza, K., Ramsey, E. (graduate student), Davies, E. (graduate student), Muñoz, J. (graduate student), Woods II, R., & Wallace, R.V. (2026, July 23) *Transforming the Next Generation: Connecting Community Leaders with Junior Scholars to Advance Equitable Research and the Democratization of Food and Nutrition Systems*, [PLENARY SESSION] 14th International World Critical Dietetics Virtual Conference, Governing Bodies Through Food: Power, Control, and Resistance in Nutrition Systems.

- I organized, facilitated, and moderated this plenary session and workshop, where participants (panelists and attendees) were engaged to reflect their experiences and challenges within the food, nutrition, and care system, and their imagined solutions for making those systems democratized, decolonized, and community-centered.

*Rodriguez, M. (undergraduate student), Wentzel, H. (undergraduate student), Fawole F.J. (postdoctoral researcher), Nedunuri, K., Schluttenhofer, C., and **Phipps B.E.**^s (2026, February 18). *Novel Additives and Nutritional Enhancements in Aquafeeds* [Invited Panel]. 2026 Aquaculture America, Las Vegas, NV.

⁺⁺Rodriguez, M. (undergraduate student), Wentzel, H. (undergraduate student), Fawole F.J. (postdoctoral researcher), Nedunuri, K., Schluttenhofer, C., and **Phipps B.E.**^s (2026, February 16-19). *Optimizing hydraulic cold-pressing for enhanced oil extraction from hemp seeds* [Poster]. 2026 Aquaculture America, Las Vegas, NV.

⁺⁺Motz, M. (undergraduate student), Schluttenhofer, C., Nedunuri, K., Fawole, F.J. (postdoctoral researcher), and **Phipps B.E.**^S (2026, February 16-19). *Aquaponics: designing a low-cost aquaponics system for home use* [Poster]. 2026 Aquaculture America, Las Vegas, NV.

*Junlaprom, T. (graduate student), Rossi, W., Miller, K., Fawole, F.J. (postdoctoral researcher), Schluttenhofer, C., and **Phipps, B.E.** (2026, February 16-19). *Apparent digestibility of full-fat and defatted hemp heart meals in juvenile rainbow trout* *Oncorhynchus mykiss* [Presentation]. 2026 Aquaculture America, Las Vegas, NV.

*Smith, T.J. (high school student), Padeniya, U., Boyd, M., Kowalkowski, B., Schluttenhofer, C., McFadden, B., and **Phipps, B.E.** (2026, February 16-19). *Sustainable aquaponics to ensure food sovereignty and community building for the Menominee people*. 2026 Aquaculture America, Las Vegas, NV.

*Panahi, S. (Post-doctoral researcher), Schluttenhofer, C., and **Phipps, B.E.** (2025, October 6-8). *Identification of degradation products in aerosols from electronic cigarettes using e-liquids*. [Conference Presentation]. 2025 Cannabis Research Conference, Portland, OR.

*Diekman, L., **Phipps, B.E.**^C, Lunsford, L., Lindvall, R., and Coleman, M. (2025, June 18-21). *We Belong: Reframing Food Systems Leadership* [Presentation]. 2025 Association for the Study of Food and Society (ASFS) and the Agriculture, Food and Human Values Society (AFHVS) Conference. Corvallis, OR

***Phipps, B.E.** (2025, June 18-21). *Reclaiming Heritage and Building Community: The Impact of Global and Cultural Nutrition Education at an HBCU* [Presentation]. 2025 Association for the Study of Food and Society (ASFS) and the Agriculture, Food and Human Values Society (AFHVS) Conference. Corvallis, OR

*McFadden, B.R., Hyink, J. (graduate student), Saroj A. (graduate student), **Phipps, B.E.**, Tyler, M., Yun, S., Schluttenhofer, C., and Rossi, W. (2025, March 24-27). *Consumer Perceptions of Hemp-Fed Aquaculture* [Presentation]. 2025 North American Association of Fisheries Economists (NAAFE) Forum. La Jolla, CA.

*Fawole, F. (postdoctoral researcher), Moncur, Q. (undergraduate student), Schluttenhofer, C., Nedunuri, K., Rossi, W., and **Phipps, B.E.**^S (2025, March 6-10). *Industrial Hemp: A Promising Alternative for Sustainable Aquaculture* [Presentation]. Aquaculture America 2025: Innovation Through Technology. New Orleans, LA.

⁺⁺Price, M. (graduate student), Hyink, J. (graduate student), McFadden, B.R., **Phipps, B.E.**, and Gundersen, C. (2025, February 1-4). *Hierarchy of Food Needs and Preferences* [Poster]. Southern Agricultural Economics Association. Irving, TX.

*Lunsford, L., Shange, R., **Phipps, B.E.**, McGruder-Kyle, N., and Thornton, E. (graduate student) (2024, November 16-18). *Enhancing HBCU Graduate Outcomes: The CISC-INFAS Fellowship Program's Role in Fostering Academic Excellence* [Presentation]. 82nd Annual Professional Agricultural Workers Conference (PAWC): Global Stewardship. Montgomery, AL.

*Schluttenhofer, C., Fawole, F. (postdoctoral researcher), Rangu, S., Nedunuri, K., **Phipps, B.E.**, and Rossi, W. (2024, August 7-9). *Testing for Cannabinoids in Fish Tissue* [Presentation]. 2024 Cannabis Research Conference. Fort Collins, CO.

*Schlутtenhofer, C., Fawole, F. (postdoctoral researcher), Rangu, S., Nedunuri, K., and **Phipps, B.E.** (2024, August 7-9). *Processing Hemp Grain to a Suitable Ingredient for Fish Feed* [Presentation]. 2024 Cannabis Research Conference. Fort Collins, CO.

*Hyink, J. (graduate student), McFadden, B., **Phipps, B.E.**, Mark, T., Rossi, W., and Schlутtenhofer, C. (2024, July 28-30) *Consumer Preferences for Hemp-Fed Aquaculture* [Presentation]. 2024 Agricultural & Applied Economics Association (AAEA) Annual Meeting. New Orleans, LA.

*Appuhamilage, P (graduate student), Mark, T. McFadden, B., Yun, S., **Phipps, B.E.**, Rossi, W., and Schlутtenhofer, C. (2024, July 28-30) *Hemp Productivity and Profitability* [Presentation]. 2024 Agricultural & Applied Economics Association (AAEA) Annual Meeting. New Orleans, LA.

*Hyink, J. (graduate student), McFadden, B., Gundersen, C., and **Phipps, B.** (2024, 24 June) *The Relationship Between Food Security Status and Food Policy Attitudes* [Presentation]. 2024 Western Agricultural Economics Association, San Francisco, CA.

*Yun, S., Park (postdoctoral researcher), Y, Mark, T., McFadden, B., **Phipps, B.E.**, Schlутtenhofer, C., and Rossi, W. (2024, February 20) *Introducing or Promoting Feed Crops for Aquaculture Can Lead To Changes in Crop Acreage Portfolio: A Case Study of Hemp and Crop Mix Changes in Kentucky* [Presentation]. World Aquaculture Society's Aquaculture America 2024, San Antonio, TX.

*Hyink J. (graduate student), McFadden, B., **Phipps, B.E.**, Mark, T., Schlутtenhofer, C., and Yun, S. (2024, February 20) *Consumer Preferences for Hemp-Fed Aquaculture* [Presentation]. World Aquaculture Society's Aquaculture America 2024, San Antonio, TX.

*Yun, S., Park (postdoctoral researcher), Y., Mark, T., McFadden, B., **Phipps, B.E.**, Schlутtenhofer, C., and Rossi, W. (2024, February 5) *Crop Acreage Portfolio Analysis of Introducing More Hemp in Kentucky* [Presentation]. Southern Agricultural Economics Association Annual Meeting, Atlanta, GA.

*Hyink, J. (graduate student), McFadden, B., **Phipps, B.E.**, Mark, T., Schlутtenhofer, C., and Yun, S. (2024, February 5) *Consumer Preferences for Hemp-Fed Aquaculture* [Presentation]. Southern Agricultural Economics Association Annual Meeting, Atlanta, GA.

*Kowalkowski, B., Boyd, M., **Phipps, B.E.**, & Schlутtenhofer, C. (2023, October) *College of Menominee Nation: Aquaponics Demonstration Facility* [Presentation] FALCON Annual Meeting, Denver, CO.

⁺⁺Hyink, J. (graduate student), McFadden, B., Boyd, M., Yadav, A., Wescott, J., & **Phipps, B.E.** (2023, February) *The Role of Aquaculture and Aquaponics in Advancing Indigenous Food Sovereignty* [Poster Presentation]. World Aquaculture Society's Aquaculture America 2023, New Orleans, LA.

⁺⁺**Phipps, B.E.**^{S,1}, Kowalkowski, B., Wescott, J., McFadden, B., Schlутtenhofer, C., and Nedunuri, KrishnaKumar (2022, June 14-16). *Study Protocol to Measure the Impact of a "Farm-to-Fork" Program on Food Security and Nutrition Outcomes in the Menominee Nation* [Poster Presentation]. Nutrition 2022, American Society for Nutrition.

Phipps B.E.^{S,1}, Kowalkowski, B., Wescott, J., McFadden, B., Schlутtenhofer, C., and Nedunuri, K. Study Protocol to Measure the Impact of a "Farm-to-Fork" Program on Food Security and Nutrition Outcomes in the Menominee Nation, *Current Developments in Nutrition*, Volume 6, Issue Supplement_1, June 2022, Page 1155, <https://doi.org/10.1093/cdn/nzac072.027>

*Barclay, L., **Phipps, B.E.**^C, Allen, N., McClimans, M., McCorriston, J. (2022, May 2-3). *Building Equitable Partnerships Between Predominantly White Institutions (PWIs) and Historically Black Colleges and Universities (HBCUs)* [Conference Presentation]. National Conference on Diversity, Race, and Learning, Columbus, OH, United States.

***Phipps, B.E.** (2022, April 18-20). *Sustainable Aquaculture Production of High Omega-3-Containing-Fish Using a Novel Feed Additive (Hemp) - SUSHI* [Conference Presentation]. USDA NIFA Sustainable Agriculture Systems Project Directors Meeting, Kansas City, MO, United States.

⁺⁺Holt, L. (undergraduate student), **Phipps, B.E.**^S, Schluttenhofer, C., & Li-Byarlay, H. (2022, February 3-5). *Hemp Extract affecting potential Honey production from Honey Bee Colonies* [Poster Session]. Emerging Researchers National Conference in STEM, Washington DC, United States. (accepted) – **Canceled due to COVID-19**

***Phipps, B.E.**^S (2021, October 7-8). *Community-Building in Online STEM: Lessons Learned at a HBCU* [Conference Session/Presentation]. United States Distance Learning Association National Conference, Live Virtual.

^{***}**Phipps B.E.**^{S,1} & Carter K. (2020). Nutrition, Physical Activity and Cardiovascular Disease Risk of Career Firefighters in A Low-income Area [Thematic Poster Session]. 2020 Annual Meeting, World Congress on Exercise is Medicine®, and World Congress on the Basic Science of Exercise in Regenerative Medicine of the American College of Sports Medicine. *Medicine and Science in Sports and Exercise*, 52(7S):816. DOI: [10.1249/01.mss.0000684312.33508.c2](https://doi.org/10.1249/01.mss.0000684312.33508.c2)

⁺⁺Graves J.A. (undergraduate student), **Phipps B.E.**^S, & Carter K. (2020). Physical Activity and Health in Career Firefighters in A Low-income Area [Poster Session]. 2020 Annual Meeting, World Congress on Exercise is Medicine®, and World Congress on the Basic Science of Exercise in Regenerative Medicine of the American College of Sports Medicine. *Medicine and Science in Sports and Exercise*, Volume 52(7S):371. DOI: [10.1249/01.mss.0000677832.34057.39](https://doi.org/10.1249/01.mss.0000677832.34057.39)

Graves, J. (Undergraduate Student), Swami, R., and **Phipps, B.E.**^S. (2020). Health and Wellness Testing Assessment. [Abstract] 2019-2020 Annual Student Research Symposium Proceedings XXVIII. NASA/Ohio Space Grant Consortium.

*Kuruvilla, H. G., Schaffner, A. E., & **Phipps, B.E.** Requiring undergraduate research for a B.S. degree in biology: Does it do any good? *Mol. Biol. Cell* 16 (supplement), abstract # 1654. Presented at the 45th Annual ASCB Conference, December, 2005.

***Cowing B.E.**^{S,1}, Saker K.E., Herbein J., & Huckle W.R. (2002, May). *Influence of PUFA on a Prospective Cancer Biomarker in Feline Tissues* [Conference Presentation]. American Academy of Veterinary Nutrition Clinical Nutrition and Research Symposium, Dallas, TX, United States.

***Cowing B.E.**^{S,1}, Huckle W.R., Herbein J., Robertson J., Plaut K., & Saker K.E. (2002, April). *Polyunsaturated Fatty Acids and Epidermal Growth Factor Receptor/Mitogen-Activate Protein Kinase in Mammary Cancer* [Conference Presentation]. American Cancer Society: Virginia Cancer Research Seminar, Blacksburg, VA, United States.

***Cowing B.E.**^{S,1}, Saker K.E., Huckle WR, * Pateu-Robinson I (2002, February). *Influence of PUFA on Immune Cell MAPK: a Prospective Cancer Biomarker* [Conference Presentation]. Predictive Oncology & Intervention Strategies, Pasteur Institute, Paris, France.

⁺⁺Saker K.E., **Cowing B.E.**^C, Huckle W.R., & Herbein J. (2002, February). *Influence of PUFA on a Prospective Cancer Biomarker in Feline Adipose* [Poster Session]. Predictive Oncology & Intervention Strategies, Pasteur Institute, Paris, France.

***Cowing B.E.**^{S,1}, Saker K.E., & Huckle W.R. (2001, June). *Effects of PUFA on a Feline Tumor Marker* [Conference Presentation]. Conference Proceedings for VMRCVM Annual Research Days, Blacksburg, VA, United States.

***Cowing B.E.**^{S,1}, Saker K.E., & Huckle W.R. (2001, July). *Novel Method for Detection of a Feline Tumor Marker: Modulation by PUFA?* [Conference Presentation]. American Academy of Veterinary Nutrition Clinical Nutrition and Research Symposium, Boston, MA, United States.

⁺⁺**Cowing B.E.**¹ & Davis B.A. (2000) *Pyridoxal Treatment of MCF-7 Human Mammary Carcinoma Cells In Vitro Results in Decreased Cell Number and DNA Synthesis* [Poster Session]. Conference Proceedings of **FASEB J**, San Diego, CA, United States.

⁺⁺Davis B.A. & **Cowing B.E.**^C (2000) *Pyridoxal Treatment of T-47D and BT-20 Human Mammary Carcinoma Cells In Vitro Results in Decreased Cell Number and DNA Synthesis* [Poster Session]. Conference proceedings of **FASEB J**, San Diego, CA, United States.

⁺⁺Davis B.A., & **Cowing B.E.**^C (1999) *Pyridoxal Treatment of Estrogen Receptor-Positive Breast Cancer Cells In Vitro Results in Decreased Cell Number and DNA Synthesis* [Poster Session]. Conference Proceedings for American Institute for Cancer Research, Washington DC, United States.

OTHER PRESENTATIONS/PUBLICATIONS:

Phipps, B.E. (2026, October 7). *How To Advise* [Presentation]. Fall 2026 Faculty Advising Training Series. Central State University, Wilberforce, Ohio.

Central State University 1890 Land Grant Programs (2025, July 28). *Mentorship | Dr. Brandy E. Phipps and 2025 Chantinae Gray* [Video]. YouTube.

<https://www.youtube.com/watch?v=KrFXI2yVtnY&list=LL&index=8>

*Wentzel, H. (undergraduate student), Rodriguez, M. (undergraduate student), Nedunuri K.V., Fawole, F.J. (postdoctoral researcher), Schluttenhofer, C., and **Phipps B.E.** (2025, July 25). *Oil Extraction and Optimization using a Hydraulic Press* [Conference Presentation]. STEM Research for Social Change 2025 REU Symposium, Central State University, Wilberforce, Ohio.

⁺⁺Wentzel, H. (undergraduate student), Rodriguez, M. (undergraduate student), Nedunuri, K.V., Fawole, F.J. (postdoctoral researcher), Schluttenhofer, C., and **Phipps B.E.** (2025, July 25). *Oil Extraction and Optimization using a Hydraulic Press* [Poster]. STEM Research for Social Change 2025 REU Symposium, Central State University, Wilberforce, Ohio.

⁺⁺Motz, M. (undergraduate student), Nedunuri, K., Fawole, F.J. (postdoctoral researcher), Schluttenhofer, C., and **Phipps, B.E.**^S (2025, July 25). *Aquaponics: Home-scaled Aquaponics Systems*. [Poster]. STEM Research for Social Change 2025 REU Symposium, Central State University, Wilberforce, Ohio.

*Motz, M. (undergraduate student), Iwuchukwu, V. (undergraduate student), Panahi, S. (postdoctoral researcher), Schluttenhofer, C., and **Phipps, B.E.**^S (2025, July 25). *Investigating the Entourage Effect in Hemp*. [Presentation]. STEM Research for Social Change 2025 REU Symposium, Central State University, Wilberforce, Ohio.

***Phipps, B.E.**^S (2025, July 16). *Workforce development and skill-building in the SUSHI project* [Presentation]. 2025 Sustainable Agricultural Systems (SAS) Online Community Meeting.

⁺⁺Gray, C. (undergraduate student), Fawole, F.J., Moncur, Q. (undergraduate student), Schluttenhofer, C., Nedunuri, K. and **Phipps, B.E.**^S (2025, April 25). *Revolutionizing Aquaculture: A Sustainable Approach with Industrial Hemp* [Poster]. 2025 Research and Scholarly Activities Day. Wilberforce, OH.

*Gray, C. (undergraduate student), Fawole, F.J. (postdoctoral researcher), Schluttenhofer, C., Nedunuri, K., Yadav, A., Kowalkowski, B., Moncur, Q. (undergraduate student), Rossi, W., and **Phipps, B.E.**^S (2025, April 22). *SUSHI: My Experience* [Presentation]. Accenture Headquarters. Columbus, OH.

Gray, C. (undergraduate student), Schluttenhofer, C., Boyd, M., Kowalkowski, B., Yadav, A., and **Phipps, B.E.**^S (2025, April). 2025 Association of Research Directors Conference. Nashville, TN.

In Ohio Country Today. (2025, April 3). *In Ohio Country Today with Brandy Phipps, Ph.D., CSU.* [Video] YouTube. <https://www.youtube.com/watch?v=c0hNc-DwE5o&list=LL&index=11>

Battle G. and Bowman, G. (Hosts). (2024, April 15). Food Justice in Ohio [Audio Podcast Episode]. In *Ohio Conference Cast*. <https://ohiomennoniteconference.org/2024/04/food-justice-in-ohio/>

Rolle, G. (undergraduate student), **Phipps, B.E.**, and Schluttenhofer, C. (2023, October) *Consumer Access to Online Hemp Products* [Presentation]. 2023 Internship and Research Review, Central State University.

Gray, C. (undergraduate student), Schluttenhofer, C., and **Phipps, B.E.**^S (2023, October) *Hemp Workshop to Support Workforce Training and Community Development in the Menominee Reservation* [Presentation]. 2023 Internship and Research Review, Central State University.

Rolle, G. (undergraduate student), **Phipps, B.E.**, and Schluttenhofer, C. (2023, April) *Consumer Access to Online Hemp Products* [Poster Presentation]. 2023 Research and Scholarly Activities Symposium, Central State University.

Alshammari, N. (undergraduate student), Schluttenhofer C., **Phipps B.E.**, Nedunuri K.V., and Rossi W. (2023, April) *Design of a Manifold for a Hydraulic Press to Extract Oil from Hempseeds That Will Serve as a Novel Feed Additive for Rainbow Trout in a Sustainable Aquaculture Production System.* [Poster Presentation]. 2023 Research and Scholarly Activities Symposium, Central State University.

Pledger, M. (2023, March 16). *Higher Education now playing a role in diversifying the cannabis industry* [Brandy E. Phipps Interview]. Ohio Cannabis Health & Business Summit. Retrieved March 22, 2023, from <https://ochbs.com/2023/03/16/higher-education-now-playing-a-role-in-diversifying-the-cannabis-industry/>

Figueroa, A. (2023, February 20). *Ohio hemp farmers want CBD regulation, FDA says there needs to be more oversight.* WYSO. Retrieved March 22, 2023, from <https://www.wyso.org/local-and-statewide-news/2023-02-20/ohio-hemp-farmers-want-cbd-regulation-fda-says-there-needs-to-be-more-oversight>

Extension Research with Provost F. Eric Brooks (2022, July 1) [Video] *Central State University Extension Presents*. <https://www.youtube.com/watch?v=1CkwXeqc-BE> [Brandy E. Phipps Interview]

Brown, E. (Host). (2022, May 20). Cannabis (No. 85) [Audio podcast episode]. In *The Sweaty Penguin*. Peril and Promise: a public media initiative of WNET Studios.
<https://anchor.fm/thesweatypenguin/episodes/85--Cannabis-e1ipu8l/a-a7vaekt> [Brandy E. Phipps Expert Guest Interview]

*Holt, L. (undergraduate student), **Phipps, B.E.^S**, Schluttenhofer, C., & Li-Byarlay, H. (2022, April 2-6). *Effect of Hemp Extract on Honeybee Colonies* [Conference Presentation]. Association of Research Directors Conference, Atlanta, GA, United States.

Young, A. (2022, January 27). Where Food, Climate, and Racial Equity Meet | Friedman School of Nutrition Science and Policy. Retrieved February 7, 2022, from <https://nutrition.tufts.edu/news/where-food-climate-and-racial-equity-meet>

Donaldson, S. (2021, December 14). Central State researchers look to expand hemp, trout markets. *Farm and Dairy*. Retrieved January 10, 2022, from <https://www.farmanddairy.com/news/central-state-researchers-look-to-expand-hemp-trout-markets/696895.html>. [Brandy E. Phipps Interview]

Penrod, E. (2021, November 19). Is hemp the fish oil alternative of the future? *Feed Strategy*. Retrieved December 8, 2021, from <https://www.feedstrategy.com/aquaculture/is-hemp-the-fish-oil-alternative-of-the-future/>. [Brandy E. Phipps Interview]

Bennett, T. (2021, November 5). Q&A: How Feeding Hemp to Fish Could Help the Planet. *Hemp Grower*. Retrieved from <https://www.hempgrower.com/article/how-feeding-hemp-fish-save-planet-brandy-hipps-central-state-university-usda-grant/>. [Brandy E. Phipps Interview]

91.7 WVXU | By Tana Weingartner. (2021, October 7). *Central State Lands \$10M grant to study Sustainable Agriculture Systems*. WVXU. Retrieved October 8, 2021, from <https://www.wvxu.org/education/2021-10-07/central-state-10-million-grant-sustainable-agriculture-systems>. [Brandy E. Phipps Interview]

Wilde, R (Host). (2021, October 5). Revisiting Hemp in the 21st Century. (No. 9) [Audio Podcast Episode]. In *Grounded Hope*. <https://www.groundedhope.org/episodes/episode-09> [Brandy E. Phipps Interview]

Sell, J. (2021, Fall). The Exciting Truth About Hemp. *HARVEST*, Volume 8, Issue 4, 8–10. [Brandy E. Phipps Interview]

Phipps BE. Introduction to Hemp Grain. Black Farmers Conference Tour, Central State University, September 10, 2021.

Phipps BE. Food is Health. Second Harvest Food Bank Inaugural Harvest Breakfast, Springfield OH, September 3, 2021.

Phipps BE. Introduction to Hemp Grain. Greene County Farmers Forum Tour, Central State University, August 23, 2021.

Phipps BE (May 7 and May 14, 2021). Extension Central---a ten-minute weekly program produced by Central State University Extension that airs at 12:20 p.m., Friday(s) on WBZI, WKFI and WEDI as part of the Real Roots organization. The stations are based in Xenia, Wilmington, Eaton, and air throughout

southwestern Ohio. <https://www.centralstate.edu/academics/cse/agriculture/index2.php?num=59>
[Interview]

Barry, Kevin (February 3, 2021). Ohio farmers still learning how best to grow, process, sell hemp a year into legal cultivation. Aired on Cleveland News Channel 5 Evening News 02/03/2021.
<https://www.news5cleveland.com/news/local-news/ohio-farmers-still-learning-how-best-to-grow-process-sell-hemp-a-year-into-legal-cultivation> [Brandy E. Phipps Interview]

Phipps BE and Craig Schluttenhofer (October 22, 2020). CSU gets three-year contract to study smokable hemp flower. *Farm World*. <http://www.farmworldonline.com/News/NewsArticle.asp?newsid=25031>
[Interview]

Phipps BE. Nutrition and Health Implications of Hemp Metabolites and Grain. Central State University Hemp Field Day, October 6, 2020.

Phipps BE. Nutrition and Health Implications of Hemp Metabolites and Grain. Black Farmers: More than 40 Acres and a Mule, Central State University, September 11, 2020.

UNDERGRADUATE RESEARCH:

- Jordan Graves, Ohio NASA Space Consortium Scholar. *Health and Wellness Testing Assessment*. 2019-2020. (Co-mentored with Dr. Rajeev Swami)
- Brandee Baker (2019 – 2020) – Biology Major – Interaction of Biomolecules, Protocol Development
- Jewel Rollins (2019 – 2020) – Exercise Science Major – Interaction of Biomolecules, Protocol Development
- Imani Thompson (2019 – 2020) – Biology Major – SFRD Study, Data Entry
- Brianna Ross (2019 – 2020) – Biology Major – SFRD Study, Data Entry
- Jordan Graves (2019 – 2020) – Life Sciences Education Major – SFRD Study, Data Collection/Data Analysis/Presentation/Publication
 - Abstract publication and accepted for poster presentation at 2020 Annual Meeting, World Congress on Exercise is Medicine®, and World Congress on the Basic Science of Exercise in Regenerative Medicine of the American College of Sports Medicine (see abstracts/presentations above).
- Koy Dudley (Summer 2021) – Biology Major – Hemp studies (Co-mentored with Dr. Craig Schluttenhofer)
- Prinika Smith (Summer 2021) – Finance Major – Hemp studies (Co-mentored with Dr. Craig Schluttenhofer)
- Danielle Rodgers (Summer 2021) – Exercise Science Major – Hemp studies (Co-mentored with Dr. Craig Schluttenhofer)
- Jessundra Anderson (Summer 2021) – Biology Major – Hemp studies (Co-mentored with Dr. Craig Schluttenhofer)
- Central State University Hemp and Nutrition Labs' 2021 Summer Research Symposium (Organizer and Facilitator), July 30, 2021.
- Laurn Holt – Biology Major
 - (Fall 2021) – Hemp Honey Study (Co-mentored with Dr. Hongmei Li-Byarlay and Dr. Craig Schluttenhofer)
 - (Spring 2022) – Sleep Study
 - 2nd place poster winner: Central State University Research and Scholarly Activities Day (April 21, 2022).
 - Presentation at 2022 Conference of 1890 Research Directors (ARD) (see presentations)
- Angel Rolle (Spring and Summer 2022) – Psychology Major – Sleep Study

- Chantinae Gray (Summer 2023-Summer 2026) – Sustainable Agriculture Major – SUSHI Project
 - Poster winner: Central State University Research and Scholarship Activities Day (April 25, 2025)
- Meadow Motz (Summer 2025) – Electrical Engineering and Computer Science Major (University of Dayton) – LG Entourage Study and SUSHI Project/Aquaponica (Summer REU)
- Vanessa Iwuchukwu (Summer 2025) – Nursing and Anesthesia Science Major (University of Incarnate Word) – LG Entourage Study and SUSHI Project (Summer REU)
- Hannah Wenzel (Summer 2025) – Engineering Major (University of Toledo) - SUSHI project (Summer REU)
- Magali Rodriguez (Summer 2025) – Engineering Major (St. Mary's University, San Antonio, TX) – SUSHI project (Summer REU)
- Kylethia Edgecombe (Summer/Fall 2026) – Environmental Engineering Major – SUSHI project
- Mateo (Trinity) Baumann (Spring/Summer/Fall 2026) – Exercise Science Major/Nutrition Minor – OSU AMP Internship Project

UNDERGRADUATE HONORS PROJECT MENTORSHIP:

Skye Yarbrough (Fall 2026) – Exercise Science Major
 Kaitlin Jones (Spring 2026) – Exercise Science Major
 Samantha Charles (Spring 2025) – Biology Major
 Katarina Maros (Fall 2024) – Exercise Science Major
 Aniya Morris (Fall 2023) – Exercise Science Major
 Dashayla Jackson (Fall 2023) – Exercise Science Major
 Katarina Maros (Fall 2023) – Exercise Science Major
 Donya Kendrick (Fall 2023) – Exercise Science Major
 Lola Chambers (Spring 2023) – Exercise Science Major
 Tanzania Covington (Spring 2023) – Chemistry Major
 Aisayah Akens (Spring 2023) – Exercise Science Major
 Abbigail Peterson (Fall 2022) – Exercise Science Major
 Fernando Juarez (Spring 2022) – Exercise Science Major
 Alaysia Tabron (Fall 2021) – Exercise Science Major

UNDERGRADUATE MENTEES:

Mateo Baumann (Exercise Science, Class of 2027)
 Alyvia Eide (Exercise Science, Class of 2025)
 Chantinae Gray (Sustainable Agriculture, Class of 2025)
 Koy Dudley (Biology, Class of 2023)
 Danielle Darkenwald (Boren Scholar, Class of 2024)
 Angel Rolle (Psychology, Class of 2022, Top Senior Scholar of the College of Humanities and Social Sciences)
 Tayliah Swain (Chemistry, Class of 2022)
 Lauryn Holt (Biology, Class of 2022)

GRADUATE MENTEES:

Connor Riegel (Summer 2023 – Spring 2024) – Medical Student, Case Western Reserve University.

- I served as mentor for the work he did under the Ravin Award Fellowship, a competitive award provided to medical and Ph.D. students who plan to focus their career work in the areas of environmental or occupational health.

Asya Montgomery (2022 – 2023) – M.S. Student, Tuskegee University, Tuskegee University

- CHFP Fellowship Program

Hannah Clark (Summer 2022 – present) – Medical Student, Case Western Reserve University.

- I served as mentor for the work and study she did under the Ravin Award Fellowship, a competitive award provided to medical and Ph.D. students who plan to focus their career work in the areas of environmental or occupational health.
- Chosen to serve as one of 2 student delegates to the Rural Health Policy Institute, Washington DC, February 2023.

Ellen Lee (Spring 2022 – present) – Ph.D. Student, Wright State University (Committee).

Jillian Hyink (Fall 2022 – May 2024) – M.S. Student, University of Arkansas, Fayetteville (Committee)

V. GRANTS & EXTRAMURAL FUNDING

Internal (FUNDED):

- 03/01/2024 – 01/31/2027 *Hemp Products: Biomolecule Interactions & Potential Impacts on Health*, USDA NIFA Award # OHOX HPBMPIH [**Project Director/PI**] ~\$655,585

External (FUNDED):

ACTIVE:

- 09/15/2023 – 08/31/2027 *STEM Research for Social Change REU* National Science Foundation Award #2244438 [**Project Director/PI**] \$184,016
- 01/01/2026 – 12/31-2028 *Growing Leaders: An Intergenerational Model for Developing Leaders in Agriculture* USDA Award # 2025-38821-45448 [**Project Director/PI**] \$598,259
- 05/2025 – 04/2028. *Reducing obesity rates among children by addressing the interplay of early life, adversity, racist systems, and economic and environmental hardships*, Robert J. Woods Foundation [**Co-PI/Lead CSU PI**], \$3,055,954
- 05/01/2025 – 11/30/2026. *The Racial Equity in the Food System (REFS) Workgroup* [**Co-PI/Lead CSU PI**], W.K. Kellogg Foundation, \$60,000
- 10/01/2024 – 09/30/2027. DE-FOA-0003181: *MIDWEST CLIMATE RESILIENCE CENTER: SOIL SYSTEMS SCALE UP (MCRC-SCALE UP)* [**Co-PI**] - \$899,990
- 04/15/2024 – 04/14/2027. *Growing Connection: Linking Urban and Rural Agriculture Communities of Learning for Marginalized Populations*. USDA Award # 2024-38821-42085 [**Contributor**] \$600,000
 - Co-coordination of HBCU graduate fellowship mentor program
- 09/01/2021 – 08/31/2026 (Extended through 2027). *Sustainable Aquaculture Production of High Omega-3-Containing-Fish Using a Novel Feed Additive (Hemp) - SUSHI*. USDA Award # 2021-69012-35918 [**Project Director/PI**] \$10,000,000.00

COMPLETED:

- 04/15/2026 – 04/15/2027 *Creation of an Embedded Ethics Curricula in Nutrition* OSU AMP Undergraduate Internship Project [**Project Director/PI**] \$7195.30
- 01/01/2025 – 06/30/2026. *Development and Implementation of Annual Fellowship Program to Develop Underrepresented Food Systems Leaders* [**Project Director/PI**], W. K. Kellogg Foundation through INFAS, \$46,500
- 01/01/2025 – 12/31/2025. *CWRU-E Integrating Community Knowledge and Equity into Integrated Administrative Data Systems for Research and Education in Data Science for Social Impact (DSSI)* – [**Collaborator**]

- 04/15/2021 – 04/14/2024 (Extended through 2025). *Growing Communities: Establishing incubator farms and farm markets to increase health and economic viability for socially disadvantaged populations*. USDA Award # 2021-38821-34660 [Co-PI] \$249,999
- 09/2020 - 09/2023 (Extended through 2025). *Characterization of Chemical Constituents from Smokable Hemp Flower and E-cigarette*. FDA Contract Number 75F40120C00141 [Co-PI] \$1,303,695.00

VI. MEMBERSHIPS

Professional:

- Inter-institutional Network for Food, Agriculture and Sustainability (INFAS)
- World Aquaculture Society – America (WAS)
- American Society for Nutrition (ASN)
- Association for Women in Science (AWIS), National and Greater Cincinnati Chapter
- Food is Medicine Global
- Senior Society of Ford Fellows
- Agriculture, Food, and Human Values Society (AFHVS)
- American Society for Cell Biology (ASCB)
- American Academy for Veterinary Nutrition (AAVN) *not current
- Phi Kappa Phi - National Leadership Society, induction 2000
- Omicron Delta Kappa - National Leadership Honor Society, induction 2000
- Gamma Sigma Delta – Honor Society of Agriculture, induction 1998
- Golden Key – International Honor Society, induction 1998

Other:

- American Herbalist Guild

VII. AWARDS/HONORS/FELLOWSHIPS/SCHOLARSHIPS

- INFAS Stepping Up Award, Inter-institutional Network for Food, Agriculture, and Sustainability, 2025
- Honorarium, Keynote Speaker, Food Justice Conference, Food as Medicine Global, November 2025 **(\$500)**
- USDA 2023 Excellence in College and University Teaching Award, Early Career, November 2023 **(\$2000)**
- Honorarium, USDA-NIFA Grant Panel Reviewer, October 2022 **(\$1590)**
- Honorarium, Keynote Speaker, Ohio State University Food Sovereignty Conference, October 2022 **(\$500)**
- Honorarium, Invited Lecture, Wright State University, March 2022 **(\$100)**
- Association for Women in Science Early Career Award, 2022
- President's Faculty Excellence Award – Overall Achievement (Central State University) for Teaching, Service and Research, 2022 **(\$1000)**
- Strategic Ohio Council of Higher Education (SOCHE) Faculty Excellence Award, 2021
- Faculty Professional Excellence Award (Clark State College), 2016-2017 **(\$500)**
- Ford Foundation Dissertation Fellowship (National Academies of Science, Engineering and Medicine), 2003 **(\$28,000)**
- Ford Foundation Predoctoral Fellowship (National Academies of Science, Engineering, and Medicine; 2000 – 2003 **(\$27,000)**

- Multicultural Academic Opportunities Program (MAOP) Graduate Scholars Research Assistantship (Virginia Tech), 1999 – 2000 **(\$16,000)**
- James Moran Thesis Award, 1999 – 2000 **(\$500)**
- Graduate Student Assembly Travel Award, 2000
- Virginia-Maryland College of Veterinary Medicine Research Symposium (1st Place Oral Presentation), 2000
- Virginia Tech Graduate Research Symposium (1st place poster), 2000
- Minority Future Leaders' Award - University of Florida, 1998

VIII. SERVICE

Central State University:

University Service:

- Faculty Evaluation Working Group, Summer 2025 – In response to SB1, process to incorporate student evaluations in annual evaluations, process to evaluate tenured faculty, process for post-tenure review
- Promotion and Tenure Senate Committee, 2025 – 2028
- Customer Service Modules Review Team, June 2025
- AAUP Negotiating Team, 2024-present
- Issue 2 Cannabis Task Force (CSU Presidential appointment), 2023 –2024.
- Presentation Judge, 2023 CSU Research and Scholarly Activities Day.
- Founding Co-Advisor, Golden Key International Honor's Society, June 2022 – present.
- Team member, *NIH iPERT Preparing Emerging Scientists for Success*, June 5 – 9, 2022.
- Co-Advisor, CSU Leaders in Food and the Environment (LIFE) Student Organization, Fall 2022 – Fall 2023.
- Executive Committee, University Senate, 2022 – 2023.
- University Senate AP Committee, Fall 2021 – Spring 2024.
- 2022 Honors Convocation, April 5, 2022, Top CHAS Scholar Presenter University Marshal, 2021-2022.
- Ohio Future Farmers of America (FFA) State Ag Biotech Competition planning committee and judge, January 2022.
- DEI Council/Committee, Fall 2021 – present.
- OSU-HBCU Partnership Team, Fall 2021 – Spring 2023
- Ad Hoc Promotion and Tenure Committee – Electronic Dossier, Co-Chair, January 2021 – May 2022
- University Retention Committee, October 2020 – May 2021
- Quality Matters Reviewer – Subject Matter Expert Reviewer, Fall 2021
- Faculty Affairs Senate Committee, Fall 2019 – May 2021 (Co-Chair, Fall 2020 -Spring 2021)
- Wellness Committee, June 2019 – December 2020 (Co-Chair, January 2020 – December 2020)
- Institutional Review Board (IRB) Member, Spring 2020 – Spring 2023.
- Senior Pre-Award Administrator, Office of Sponsored Programs and Research Search Committee, Chair, April 2021 and July/August 2021.
- Senior Coordinator for Marauder Leadership Search Committee, Member, August 2021 and December 2021/January 2022.
- *AAC&U 2021 Virtual Institute on High-Impact Practices and Student Success*, Central State University Team. June 15 – 18, 2021.

College Service

- Grade Appeal Committee, Fall 2026
- Chair, Peer Annual Evaluation Committee, Spring 2025

- Academic Grade Appeal Committee, Spring 2024, Fall 2024, Spring 2025 (Chair)
- Search Committee, CESTA Dean, Spring 2023
- Search Committee, CESTA Business Officers, Fall 2022 and Spring 2023.
- VP of Agricultural Administration and Dean of College of Food, Agriculture, and Environmental Sciences Visit to Central State University
- USDA Deputy Secretary (Dr. Jewel Bronaugh) Visit to Central State University, April 2022.
- Research Tour Planning and Facilitator, Global Impact STEM Academy visit to Central State, Spring 2022
- SOAR for incoming students on behalf of CESTA, August 2021.
- AAUP Writing Team, Fall 2020 – Summer 2021
- CESTA Retention Committee, October 2020 – August 2021
- Chair, CESTA Workplace Safety Committee Summer 2020 – May 2021
- CESTA Resilience Committee, Summer 2020
- Return to Human Subjects Research Committee, Summer 2020

Department Service (DALs and ARDP)

- ARDP Admin Coordinator Hiring Committee – Fall 2026
- Nutrition Science Major – 2025-2026 (created four-year plan, new course curriculum, and shepherded APRs through the approval process; completed and submitted package to ODHE summer/fall 2026).
- Nutrition Minor – Redesign – Implemented Fall 2024
- Nutrition Adjunct Faculty Hiring Committee, Fall 2025
- Acting Chair – October 17, 2025; January 29, 2025; December 9-13th, 2024; March (Spring Break Week), 2024
- Exercise Science Adjunct Faculty Hiring Committee, Summer 2025
- Exercise Science Accreditation and Program Review Documents, Spring, Summer, Fall 2025
- Exercise Science Faculty Search Committee, Fall 2023
- Family and Consumer Science Program Leader Search Committee, Fall 2023
- Exercise Science Accreditation Paperwork, Spring 2022
- ARDP Process Improvement Committee, Summer 2020
- West District Science Day Planning Committee, Ohio Academy of Science, 2019- 2021
- DALs Administrative Coordinator Search Committee, Fall 2019
- Aquatic Microbiology Research Assistant Professor Search Committee, Spring 2020
- Food Science Research Assistant Professor Search Committee, Spring 2020
- Community Economic Development Extension Educator Search Committee, Spring 2020
- Served on two-person Committee that developed Nutrition Minor (approved Spring 2020)
- Submitted TAG surveys and syllabi to Anatomy and Physiology TAG committee of the Ohio Department of Higher Education, Summer 2020, Spring 2021
- Co-created a presentation about the Exercise Science major for recruitment events, November 2020
- Served on faculty panel for visiting Centerville High School Seniors (organized by School of Ag Ed), December 4, 2019
- Served as faculty reviewer for Hemp Presentations in Dr. Craig Schluttenhofer's Topics course, December 2019
- Participated in a Meet and Greet with Ohio AgriScience Teachers (organized by School of Ag Ed), September 27, 2019
- Participated in Majors Day for DALs, September 24, 2019

Clark State Community College:

- Diversity Committee, 2018-2019
- LGBTQ+ Alliance, Faculty Co-Advisor, 2017- 2019
- Adjunct Advisory Council to the VPAA/Provost, 2015-2017
- Developer of and Instructor for Pre-Med Camp, 2018 (still being taught by others.)

- Quality Matters Reviewer – Subject Matter Expert Reviewer, Internal Review, 2017

Cedarville University

- Three-person Committee that developed the B.S. in Molecular Biology
- Pre-Med Camp Committee and Instructor

Virginia Polytechnic Institute and State University

- University Council, 2000 - 2002
- Graduate Student Assembly Delegate, 1999 - 2002
- Graduate Honor System Juror, 1999 - 2003

PROFESSIONAL SERVICE:

Proposal Reviews

USDA-NIFA Review Panel, 2022

Health Path of Ohio Review Panel, 2018, 2020, 2022, 2024

Editorial Responsibilities

- Associate Editor, *Frontiers in Sustainable Food Systems*, Special Issue: *Food System Transformation and the Realization of the UN Sustainable Development Goals* (2023-2025)
 - As of December 14, 2025 – 126,928 Total views; 122,399 Article views; 28,813 Article downloads; 4529 Topic views

Manuscript Reviews

Journal of Agriculture, Food Systems, and Community Development (JAFSCD), *Frontiers in Sustainable Food Systems*, *American Journal of Public Health*

Conference or Award Reviews

Intersections Science Fellows Symposiums, 2022, 2023

American Society for Nutrition, *Nutrition*, 2020, 2021, 2022, 2023, 2024, 2026

Ravin Award, Swetland Center for Environmental Health, Case Western Reserve University, 2022, 2023

Association for Women in Science, Educational Awards, 2022, 2023, 2024, 2025, 2026

World Aquaculture Society's Aquaculture America, 2023

Other Professional Service

- **Racial Equity in the Food Systems Working Group**, Center for Regional Food Systems, Michigan State University, 2023 - present
- **Inter-Institutional Network for Food Agriculture and Sustainability (INFAS)**, June 2022 - present
 - Chair (July 2023 – present)
 - Facilitated Strategic Storytelling with current Executive Committee and past leadership of INFAS, which was presented to the membership at Annual Summit (Fall 2023)
 - Co-authored *JAFSCD* article detailing Strategic Storytelling (Fall 2025)
 - Designed, implemented, and facilitated novel annual INFAS Food Systems Graduate Fellowship <https://asi.ucdavis.edu/programs/infas/fellowship/INFAS-FSF>
 - Secured funding for, designed, and facilitated INFAS-FSF retreat (November 2025)
 - Incoming Chair (January 2023 – June 2023)
 - Tuskegee University-INFAS Graduate Fellow Mentor (2022-2023) & Guest Speaker (2023 – 2025)
 - Justice Working Group (Fall 2022 – present)
 - Council of Leads (Co-PI) on NextGen proposal (see Extramural Funding).

- **The Ohio State University Agroecosystems Management Program, Executive Committee** (Fall 2023 – present)
- **Swetland Center for Environmental Health, Case Western Reserve Medical School, Advisory Council** (Spring 2023 – present).
- **DEI in Aquaculture Community of Practice**, June 2022 – May 2025 (when funder dissolved the group)
- 2022 Buckeye Science & Engineering Fair Judge (1st Round), Ohio Academy of Science
- Quality Matters, Subject Matter Expert Course Reviewer, October/November 2021
- **Swetland Center for Environmental Health at Case Western Reserve University, Affiliate Faculty**, July 2021 – present.
- Aquaculture Task Force, Hemp Feed Coalition, Spring 2021 – May 2022
- Diversity, Equity and Inclusion Taskforce, American Society for Cell Biology, October 2020 – March 2021
- *Food Evolution* Screening - Invited Panel Member, April 2018
- Ohio Science Day Judge (County, District & State), 2016 – 2021
- How to Fit Your Garden on Your Plate. (Local Food Summit, Springfield, OH, November 2017).

Community:

- **BIPOC Food and Farming Network, Board Member**,
- Champion City Scholars High School Mentor, 2018 – 2022
- Clark County Local Food Council, Chairperson, 2017 – 2020
- Clark County Local Food Council Education Committee, 2017 – 2022
 - Chair, 2017 – 2020
- Ohio Tri-County Food Alliance d.b.a. Second Harvest Food Bank, Board Member & Officer, 2017-2021
- Clark County Healthy Eating Task Force (Clark County Combined Health District), 2017 – 2019 (folded into the Local Food Council).
- Project Woman of Ohio, Board Member & Officer, 2017 – 2019
- *LGBTQIA+ Ally Development Training* – Facilitator, 2018 – December 2020
- Omicron Delta Kappa Speaker's Bureau, 2016 - present

IX. PROFESSIONAL DEVELOPMENT

- *Supporting Gen Z And Gen Alpha: Strategies For Student Success & Workforce Readiness*, September 29, 2026, Innovative Educators
- *Best Practices to Increase Student Attendance*, September 23, 2026, Central State University
- *Competency-Based Education: Creating Engaging & Personalized Learning Experiences*, Innovative Educators, September 17, 2026
- *World Critical Dietetics Virtual Conference*, July 23, 2026
- *Farm Trails and Food Guides: Connecting Community to Regional Farms and Food*, Virginia Tech, July 1, 2026
- Strengthening Agricultural Systems, USDA Project Directors' Meeting [multiple sessions attended]. June 15-18, 2026, Madison, WI
- *Introduction to SAS On-Demand for Academics* [3 sessions], April - May 2026, Central State University
- *The Chef's Garden: The Flavor of Health and Resilience*, a Virginia Farm-To-Table Webinar, Virginia Tech, April 2026
- Aquaculture America 2026 [multiple sessions attended], February 2026, Las Vegas, NV

- *10 Habits Of Mind For College Success: Cultivating Social-Emotional & Executive Functioning Skills*, Go2Knowledge, Innovative Educators, December 2025
- *Rooted in Place, Grounded in Goodwill: Perceptions of Scientific Credibility in Agri-Environmental Communication*, Virginia Tech, November 12, 2025
- *2025 Food Justice Conference*, Food as Medicine Global, November 8-9, 2025
- *CFSCT September Fellows Series: Exploring lessons and limits of using Living Labs for transformative change in food systems: European cases*, Virginia Tech, September 25, 2025
- *Mental Health First Aid Training*, June 13, 2025 (certificate)
- Agriculture, Food, and Human Values Society + Association for the Study of Food and Society 2025 Meeting, Oregon State University, Corvallis, OR, June 17-20, 2025
- UVM Food Systems Summit, University of Vermont, Burlington, VT, September 15-1, 2024
- *Food as Medicine: The Role of Food in Chronic Disease Prevention*, September 5, 2024
- *Food is Medicine Global Conference*, May 18-19, 2024
- *Sustainability and Agroecology in South Africa: Reflections on Community-Based Service Learning*, Virginia Tech, April 10, 2024
- *Preserving and Reviving Yesá Culture through Food, Language, and Sacred Places*, Virginia Tech, March 2024
- *Food Justice Convening*, Chicago, IL, March 19-21, 2024
- *Aquaculture America 2024* (International Conference), February 2024
- *White House Challenge to End Hunger and Build Healthy Communities*, February 27, 2024
- *Responsible Innovation for Climate-Smart Agriculture: Cases from the U.S. and South Asia*, Virginia Tech, February 14, 2024
- *Food is Medicine Summit*, US Health and Human Services, January 31, 2024
- *Strengthening Intersections Between Nutrition and Food Systems*, USDA, January 24, 2024
- *The Role of Storytelling in the Development of Regional Food Systems Networks*, Virginia Tech, January 24, 2024
- *The Food Forum 30th Anniversary Symposium*, National Academies of Sciences, Engineering, and Medicine, November 30, 2023.
- *JAFSCD Wicked Problems in Food Systems Workshop: Achieving Circularity*, November 16, 2023.
- *APLU Conference*, Seattle, WA, November 12-14, 2023.
- *Rooted in Collectivity: Lessons from Black Farmer Organizers in Virginia*, Virginia Tech, October 18, 2023
- *FALCON*, Denver, CO, October 2023.
- *Black Farmers Conference*, Central State University, September 29-30, 2023.
- *Municipal Level Food Systems Planning for Impacts of Climate Change*, Virginia Tech, September 26, 2023
- *Restorative Justice Training*, Central State University, September 13-14, 2023.
- *Food as Medicine Global Conference*, May 18-21, 2023.
- *We Are the Stars: Honoring Our Literary Ancestors*, May 10, 2023.
- *Rhythms of the Land*, Private INFAS Screening and Discussion with Filmmaker, May 5, 2023.
- *Food is Medicine: Transforming Health Care National Summit*, Tufts University, April 26, 2023.
- *Spelman College Food Justice Summit: Food as Medicine*, March 30, 2023.
- *White House Initiative on HBCUs - HBCU PARTNERS Act Lunch and Learn*, March 10 & 17, 2023.
- *INFAS 3rd Annual Virtual Summit*, March 3, 2023.
- *New Metrics for Quality Education*, Kritik Education, February 16, 2023.
- *Food not Feed Summit*, Washington DC, February 7, 2023.
- *Inclusive and Measurable Student Learning Outcomes*, Central State University ATL Committee, January 31, 2023.
- *Lessons from Plants with Beronda L. Montgomery, PhD*, Association for Women in Science, January 26, 2023.

- *STM/USP Workshop on Cannabis Product Quality*, December 7-8, 2022.
- *16th Stinner Summit: Designing More Climate Resilient Agroecosystems in Ohio*, Ohio State University Agroecosystems Program, November 18, 2022.
- *Serving up Solutions: Building the evidence on Produce Rx Programs*, November 15, 2022.
- *2022 Hemp Feed Workshop*, Oregon State University, October 26-27, 2022.
- *2022 Tufts Food and Nutrition Innovation Summit*, Tufts Food and Nutrition Innovation Institution, October 19, 2022.
- *Functional Medicine: Racializing Processes and Health (IN)Justice*, CalPolyPomona, October 5, 2022.
- *LGBTQ+ 101 and 201 Training Modules*, Multiethnic Advocates for Cultural Competence, October 2022.
- *2022 Hemp Feed Workshop*, Oregon State University, October 26-17, 2022.
- *Fall 2022 Tufts Food and Nutrition Innovation Summit*, October 19, 2022.
- *On Level Ground: Progressive Models in Farmland Tenure and Working Waterways*, North American Food Systems Network, September 14, 2022.
- *Cultural Comparisons Start at Home: (Mis)Remembering Race in Ohio History*, Central State University Lunch and Learn, September 13, 2022.
- *Women in North American Aquaculture Summit*, September 8, 2022.
- *Words Matter Training*, Multi-ethnic Advocates for Cultural Competency, Central State University, August 23, 2022
- *Best Practices for Competency-Based Education*, Innovative Educators, May 11, 2022.
- *Micro-Learning for Synchronous & Asynchronous Learning*, Innovative Educators, May 4, 2022.
- *Food First: Rise Up, Scale Up Listening Lab 4-Part Webinar Series Presents "Research and Academic Perspective"* Virtual, April 29, 2022.
- *Designing A Mobile-First Online Course: Increasing Engagement to Maximize Success*, Innovative Educators, April 28, 2022.
- *Food First: Rise Up, Scale Up Listening Lab 4-Part Webinar Series Presents "Community Organization Perspective,"* Virtual, April 22, 2022.
- *Sowing the Seeds: Reclaiming and Researching Heritage Foods from Production to Plate*, Virtual, April 20, 2022.
- *High on the Hog: African American Food is American Food*, Museum of Food and Drink, NYC (and Virtual), March 22, 2022.
- *2022 AAC&U Conference on Diversity, Equity and Student Success (DESS)*, American Association of Colleges and Universities, March 17-19, 2022.
- *Assessing and Addressing Institutional Diversity, Equity, and Inclusion*, Pre-conference workshop, 2022 AAC&U Conference on Diversity, Equity and Student Success (DESS), American Association of Colleges and Universities, March 15, 2022.
- *Creating an Anti-Racist, Social Justice-Oriented Campus Action Plan for Faculty*, Pre-conference workshop, 2022 AAC&U Conference on Diversity, Equity and Student Success (DESS), American Association of Colleges and Universities, March 14, 2022.
- *foodNEST and Friends: Celebrating & Activating Research to Advance Nutrition Equity*, Case Western Reserve University Swetland Center for Environmental Health, December 1, 2021.
- *Don't Ignore the D.E.A.: Design, Equity, and Access in Online Education*, Quality Matters Success Stories, November 16, 2021.
- *Universal Design: A Framework for Creating Diversity, Equity, Inclusion & Accessibility Initiatives*, Innovative Educators, November 16, 2021.
- *How To Make Online Courses More Accessible & Inclusive: Compliance, Diversity & Ethics*, Innovative Educators, November 9, 2021.
- *Psychedelics in Psychiatry*, September 2, 2021.
- *Hemp Research Field Day*, Cornell University, August 12, 2021. (Virtual, watched post-event.)

- *Online Peer Mentoring: Meeting the Unique Needs of Non-Traditional Students*, Innovative Educators, July 29, 2021.
- *Reduce Feed Costs Through Utilization of Non-Traditional Protein Sources*, Bold Open 2021, July 22, 2021.
- *Resolving Conflicts-in Lab and with Collaborators*, American Society for Cell Biology, July 21, 2021.
- *Teaching Beyond the Content: Embedding Workforce Skill Development into the Curriculum*, Quality Matters Success Stories, July 21, 2021.
- *Race & Education | HBCUs in the Wake of COVID-19*, Innovative Educators, July 20, 2021.
- *The Top 5 Research-Based Study Skills: How to Incorporate Them Into Your Course*, Innovative Educators, July 20, 2021.
- *How to Write a Letter of Recommendation*, American Society for Cell Biology, July 14, 2021
- *Wicked with Wiley: Instructor Summer Camp*, July 13-14, 2021.
 - *Post-Pandemic Course Design* - practical applications of learning science to improve knowledge retention, application, and growth.
 - *Wicked Course Design Roundtable: Anatomy & Physiology*
 - *How To Quickly & Easily Create Online Video Lectures for Micro-Learning*
- *Psychedelic Healing: Adjunct Therapy Harnessing Opened Malleability (PHATHOM)*, July 8, 2021.
- *BIO's Clinical Trial Diversity Summit: Building a Sustainable & Equitable Clinical Development Ecosystem*, June 24-25, 2021.
- *The Science of Cannabis Extraction 2021*, June 24, 2021.
- *High Impact Practices and Preparing Engaged Citizens in the Context of Work Ready Graduates*. AAC&U, June 23, 2021.
- *June Swetland Center Seminar: A Roundtable Discussion of Environmental Health Equity*, Case Western Reserve University, June 22, 2021.
- *2021 REMOTE: The Connected Faculty Summit*, Arizona State University, June 9-10, 2021.
- *Queering STEM*. American Society for Cell Biology, June 8, 2021.
- *May Swetland Center Seminar- Pipeline to Practice: Uncovering the Pathways to a Career in Environmental Health*. Case Western Reserve University, May 25, 2021.
- *How to Be a Good Mentor*. American Society for Cell Biology, May 19, 2021.
- *Shifting Seasons Summit: Sharing Adaptation and Resilience Knowledge Across Indigenous Communities*, College of Menominee Nation, April 19 – 22, 2021.
- *Independent Applying the QM Rubric - Virtual (APPQMR):(Statewide Systems)*, April 15, 2021.
- *Teaching Anatomy and Physiology in a Time of Uncertainty*, OpenStax Webinar, April 6, 2021.
- *How to Decolonize and Decisnormatize Curricula*, Academic Pipeline Project, Georgia State University, and the Diverse Faculty Alliance, March 31, 2021.
- *The Potential of Psychedelic Medicine to Transform Mental Health Treatment*, March 23, 2021.
- *Intersections of Agriculture, Racial Justice, and Land Reform*, NYU Robert F. Wagner Graduate School of Public Service, March 19, 2021.
- *Synchronous Course Design for the Pandemic and Beyond: The role of flipped and blended courses*, Quality Matters Success Stories, March 15, 2021.
- *Designing, Implementing and Presenting Research to be Reviewed by the 2025 Dietary Guidelines Advisory Committee*, ASN, March 10, 2021.
- *2021 Ohio Land Grant Hemp Conference*, Ohio State and Central State Universities, March 5-6, 2021.
- *2021 Minority Health Conference*, University of North Carolina School of Public Health, February 25-26, 2021
- *Biopharma Symposium 2021*, February 16, 2021.
- *OEFFA Conference*, February 10 – 15, 2021.
- *Utilizing Evidence Gaps Identified by the 2020 Dietary Guidelines Advisory Committee Report to Inform Research Priorities*, ASN, February 10, 2021.

- *Antiracism in STEM webinar workshop*, UCLA and Howard Hughes Medical Institute, February 4, 2021.
- *Funding for Early Career Nutrition Researchers*, ASN, January 26, 2021.
- *A Behind the Scenes Look at the Development of the 2020 Dietary Guidelines for Americans*, ASN, January 22, 2021.
- *C² Apple Teacher Certification Training*, Central State University, January 12 – 15, 2021.
- *Mental Health First Aid Training*, Central State University and The National Council for Behavioral Health, January 12 – 14, 2021.
- *Student Success Conference*, Clark State College, December 2020.
- *Cell Bio 2020 Conference*, American Society for Cell Biology, December 2 – 16, 2020.
- *Mentoring and Advising of Black Students in Science, Engineering, and Medicine: A Workshop*, Roundtable on Black Men and Black Women in Science, Engineering, and Medicine, National Academies of Sciences, Engineering, and Medicine, December 7-8, 2020.
- *Debunked: The Truth Behind Pesticide Testing*, December 2, 2020.
- *Vape Hardware - Protecting Customers from Latent Lead*, November 30, 2020.
- *CBD and Other Cannabinoids: Sex and Gender Differences in Use and Responses*, FDA Office of Women's Health, November 19, 2020.
- *Dietary Biomarker Symposium: Advances, Challenges, and Future Directions in Food Biomarker Research*, Harvard University, November 16, 2020.
- *Office of Sponsored Programs and Research Post Award Workshop*, Central State University, October 15-16, 2020.
- *Analytical Cannabis Expo East Online 2020*, October 6-7, 2020.
- *Trauma Responsive Education: Supporting Students and Yourself*, Teaching Tolerance, August 25, 2020.
- *Healthy People 2030 Launch*, Department of Health and Human Services, August 18, 2020.
- *2020 National Hemp Research and Education Conference Webinars*, July 1, 8, 15, 22, 29, Work Groups - August 4-5, 2020.
- *Breaking the Humdrum of "Post Once and Reply to Two Others"*, Quality Matters, July 22, 2020.
- *Improving Online Engagement: Strategies for Compliance & Connections*, Innovative Educators, July 16, 2020.
- *Examining Asynchronous and Synchronous Strategies for Active and Engaged Learning*, Innovative Educators, July 14, 2020.
- *REMOTE: The Connected Faculty Summit*, Arizona State University, July 13-14, 2020.
- *Designing a Curriculum for Online and Hybrid Classes*, July 9, 2020.
- *Teaching with Technology Power Session*, CITI, Central State University, June 24, 2020.
- *Public Health Implications of Recent Clinical Evidence on Omega-3 Fatty Acids and Cardiovascular Disease*, American Society for Nutrition, June 23, 2020.
- *Teaching Active Learning in the Hybrid Classroom* Professional Development Seminar, Central State University, June 17 & 19, 2020.
- *Nutrition 2020 Conference*, American Society for Nutrition, June 1 – 4, 2020.
- *Diet Dilemmas 2: Hot Topics in Inflammation and Disease: Inflammation and Chronic Disease*, University of Florida IFAS, April 21, 2020.
- *Diet Dilemmas 2: Hot Topics in Inflammation and Disease: Anti-inflammatory Diets*, University of Florida IFAS, March 17, 2020.
- *Diet Dilemmas 2: Hot Topics in Inflammation and Disease: Inflammation, Health and Disease*, University of Florida IFAS, February 18, 2020.
- *OEFFA Conference*, Dayton, OH, February 13 – 15, 2020.
- *Students Success Conference*, Clark State College, December 2019.
- *Putting People First: Solving the Social Determinants of Health as Partners*, Sinclair College, November 15, 2019.
- *Pathways to Regeneration Conference*, Antioch University, November 1-2, 2019.

- *Quality Matters Workshop*, CITI, Central State University, October 2019.
- *OER/ALS Workshop*, CITI, Central State University, September 2019.
- *Disability Awareness Training*, OOD, September 13, 2019.
- *Global Trends in Food and Agriculture*, April 2019.
- *Inclusive Leadership: Leveraging Diversity for Success* by Dr. Karen Townsend, February 2019.
- *Emerging Leadership Summit*: Ohio Diversity Council, February 2019.
- *RealCollege: A National Convening on Food and Housing Insecurity*, September 2018.
- *Student Success Conference*, Clark State Community College, August 2018.
- *Trauma Informed Care: How to Help Students Impacted by Trauma*, July 2018.
- *Intimate Partner Violence in LGBTQ+ Community Workshop* (by Ohio Domestic Violence Network), Spring 2018.
- *Survivor Voice: A Trauma-Informed Approach* (presenter: Karen Ezirim), May 2017.

X. ADDITION CERTIFICATIONS/ACCREDITATIONS

- **Micro-Credential: Innovative AI: Practical Teaching Strategies With ChatGPT** (6 course series), Innovative Educators, December 2025
- **Compass Foundational Training and Mentoring Program**, 2023-2024.
 - Directed by faculty at Washington University School of Medicine in St. Louis. This national training and mentoring program for early-career researchers is funded by NIH (R25GM143346) and facilitates the development of leadership and management skills that support discovery, mentoring, inclusion, and rigorous, responsible science in research labs or teams. I have continued facilitating monthly meetings of the Peer Mentoring Team that was created during this year-long fellowship – 5 Faculty from around the country meet to support and learn from each other.
- **Ohio Hemp Program Research License** – through 2025 when Ohio Department of Agriculture dissolved the State Program.
- **Quality Matters, Peer Reviewer Certification**, July 2021 - 2023, July 2023 - 2025
- **APPQMR Quality Matters Certification**, April 2021
- **Apple Teacher Certification**, January 2021
- **Apple Teacher Swift Playgrounds Certification**, January 2021
- **Mental Health First Aid Training Certification**, January 2021; June 2025

XI. IN THE NEWS

Wilson, D. (2025, April 3). In Ohio Country Today with **Brandy Phipps, Ph.D.** CSU. YouTube. <https://youtu.be/c0hNc-DwE5o?feature=shared>

Halasz, S. (2024, November 7). CSU receives grant from Department of Energy. *Xenia Daily Gazette*. <https://www.xeniagazette.com/2024/11/07/csu-receives-grant-from-department-of-energy/>

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