

Natalie K. Cooke, PhD, RDN

Department of Food, Bioprocessing, and Nutrition Sciences
N.C. State University – Campus Box 7624 – Raleigh, NC 27695
E-mail: nkcooke@ncsu.edu Phone: 919-515-0287

EDUCATION

N.C. State University – Raleigh, NC Summa Cum Laude	B.S. – Biochemistry B.S. – Nutrition Science Minor – Genetics	2010
N.C. State University – Raleigh, NC	Ph.D. – Nutrition	2014
Meredith College – Raleigh, NC	Didactic Program in Dietetics Post-baccalaureate Certificate	2017
The Ohio State University – Columbus, OH	Distance Dietetic Internship Individual Supervised Plan of Practice	2018

ACADEMIC APPOINTMENTS AND WORK EXPERIENCE

2019 – present	Assistant Professor and Director of Undergraduate Programs for Nutrition Science , Department of Food, Bioprocessing, and Nutrition Sciences, N.C. State University, Raleigh, NC
2016 – 2019	Teaching Assistant Professor and Coordinator for Undergraduate Program in Nutrition Science , Department of Food, Bioprocessing, and Nutrition Sciences, N.C. State University, Raleigh, NC
2014 – 2016	Postdoctoral Teaching Scholar , Department of Food, Bioprocessing, and Nutrition Sciences, N.C. State University, Raleigh, NC
2010 – 2014	Graduate Teaching & Research Assistant , Department of Food, Bioprocessing, and Nutrition Sciences, N.C. State University, Raleigh, NC
2009 – 2010	Undergraduate Teaching & Research Assistant , Department of Food, Bioprocessing, and Nutrition Sciences, N.C. State University, Raleigh, NC

TEACHING EXPERIENCE AND CURRICULUM DEVELOPMENT

Current Courses Taught

- NTR 210: Introduction to Community Food Security
 - Primary Instructor (6/2017 – present)
 - Average course evaluation for “Overall, the instructor was an effective teacher” during the period of 2016-2020: 4.8
- NTR 301: Introduction to Human Nutrition
 - Primary Instructor (8/2016 – present); Guest Lecturer (7/2014 – 5/2015); Co-Instructor (6/2012 – 8/2012)
 - Average course evaluation for “Overall, the instructor was an effective teacher” during the period of 2016-2020: 4.6

- NTR 302: Introduction to Nutrition Research, Communication, and Careers
 - Primary Instructor (8/2016 – present)
 - Average course evaluation for “Overall, the instructor was an effective teacher” during the period of 2016-2020: 4.4
- NTR 492: Professional Internship Experience in Nutrition Science
 - Previously titled “External Learning Experience”
 - Primary Instructor (8/2016 – present)
 - Average course evaluation for “Overall, the instructor was an effective teacher” during the period of 2016-2020: N/A
- NTR 493: Research Experience in Nutrition Science
 - Previously titled “Special Problems in Nutrition”
 - Primary Instructor (8/2016 – present)
 - Average course evaluation for “Overall, the instructor was an effective teacher” during the period of 2016-2020: N/A
- NTR 494: Teaching Experience in Nutrition Science
 - Primary Instructor (8/2020 – present)
 - Average course evaluation for “Overall, the instructor was an effective teacher” during the period of 2016-2020: N/A

Previous Courses Taught

- NTR 420/520: Applied Nutrition Education
 - Previously titled “Community Nutrition”
 - Primary Instructor (NTR 420: 1/2020 – 5/2020 and 1/2017 – 5/2017); Co-Instructor (NTR 420/520: 8/2014 – 12/2015); Graduate Teaching Assistant (NTR 420/520: 8/2010 – 12/2013)
 - Average course evaluation for “Overall, the instructor was an effective teacher” during the period of 2016-2020: 4.5
- NTR 495/594: Nutrition Education for Diverse Populations
 - Primary Instructor (NTR 495: 1/2019 – 5/2019; NTR 594: 1/2019 – 5/2020)
- NTR 490: Senior Capstone in Nutrition
 - Seminar Evaluator (2/2018 – 5/2018); Guest Lecturer (1/2015 – 5/2015)
- ALS 398: Agriculture & Life Sciences Honors Seminar
 - Primary Instructor (1/2018 – 5/2018); Co-Instructor (1/2012 – 5/2012)
 - Average course evaluation for “Overall, the instructor was an effective teacher” during the period of 2018-2018: 5.0
- NTR 594: Leadership Development in Nutrition Education
 - Co-Instructor (8/2014 – 12/2015)
- NTR 330: Public Health Nutrition:
 - Curriculum Developer and Grader (7/2014 – 12/2015)
- NTR 495: Community Food Security
 - Curriculum Designer and Co-Instructor (10/2013 – 8/2014); Graduate Teaching Assistant (6/2010 – 8/2010)
- NTR 419: Human Nutrition and Chronic Disease
 - Graduate Teaching Assistant (1/2011 – 5/2011)
- NTR 495: Nutrition Education in the Community
 - Undergraduate Teaching Assistant (1/2010 – 5/2010)
- STS 323: World Population and Food Prospects
 - Undergraduate Teaching Assistant (1/2009 – 5/2009)

HONORS AND DISTINCTIONS

- **Gertrude Cox Award for Innovative Excellence in Teaching and Learning with Technology**, team lead for FBNS-DELTA collaborative with Dr. Suzie Goodell, Mr. Mike Cuales, Ms. Cathi Dunnagan, and Dr. Jessica White, NC State University (2020-2021)
- **Departmental Nominee for the Goodnight Early Career Innovators Award**, NC State University (2021)
- **Community Engaged Faculty Fellow**, NC State University (2020)
- **Graduate Faculty Membership**, Elected Membership in the Inter-departmental Graduate Program in Nutrition, NC State University (2018)
- **Commission on Dietetic Registration (CDR) Faculty Fellowship**, Academy of Nutrition and Dietetics (2018)
- **College of Agriculture and Life Sciences (CALs) Teaching Award of Merit**, NC State University (2018)
- **National Academic Advising Association (NACADA) Outstanding New Faculty Advisor Award**, NACADA Global Advising Community (2017)
- **College of Agriculture and Life Sciences (CALs) Outstanding Faculty Advisor Award**, NC State University (2017)
- **New Faculty Advisor Award**, NC State University (2016-2017)
- **Nutrition Club Faculty/Staff Award**, NC State University (2016)
- **University Graduate Student Association (UGSA) Outstanding Graduate Teaching Assistant Award**, NC State University (2013)
- **Departmental Nominee for the College of Agriculture and Life Sciences (CALs) Outstanding Graduate Student Teaching Award**, NC State University (2013)
- **Preparing Future Leaders (PFL) Ambassador**, NC State University (2012-2014)
- **Food, Bioprocessing, and Nutrition Sciences (FBNS) Duong, Green, and Gharst Food Science Leadership Award**, NC State University (2012-2013)
- **Opal Mann Green Engagement and Scholarship Award**, member of the Gardening and Nutrition PIECES collaborative, NC State University (2011)
- **Department of Food, Bioprocessing, and Nutrition Sciences (FBNS) Graduate Student Fellowship**, NC State University (2010-2011)
- **Roy H. Park Scholarship**, NC State University (2006-2010)

PROFESSIONAL DEVELOPMENT

- **Introduction to Systemic Racism Training**, Crossroads Antiracism Organization & Training (2021)
- **Introduction to Courageous Conversation**, Courageous Conversation & Pacific Educational Group (2020)
- **Phase I Training**, Racial Equity Institute (2019)
- **Green Zone Training**, NC State University (2019)
- **Advisor Development Institute**, NC State University (2014)
- **Mentoring and Teaching Practicum**, NC State University (2012-2013)
- **College of Agriculture and Life Sciences (CALs) Graduate Student Professional Development Workshop**, NC State University (2012)
- **Certificate of Accomplishment in Teaching**, NC State University (2011)

LICENSURE & CERTIFICATIONS

- **Registered Dietitian**, Commission on Accreditation for Dietetics Education (2018)
- **ServSafe Manager Certification**, (2016-2021)

PUBLICATIONS/PRESENTATIONS

Book Chapters

1. Goodell LS, **Cooke NK**, and Stage VC. (2017) The Basics of Qualitative Research. In KE Drummond and A Murphy-Reyes (Eds.), *Nutrition Research: Concepts and Applications* (pp. 243-284). Burlington, MA: Jones & Bartlett Learning. ISBN-13: 978-1284101539.
2. Stage VC, **Cooke NK**, and Goodell LS. (2017) Qualitative Research Designs. In KE Drummond and A Murphy-Reyes (Eds.), *Nutrition Research: Concepts and Applications* (pp. 285-300). Burlington, MA: Jones & Bartlett Learning. ISBN-13: 978-1284101539.
3. **Cooke NK**, Goodell LS, and Stage VC. (2017) How to Evaluate Qualitative Research. In KE Drummond and A Murphy-Reyes (Eds.), *Nutrition Research: Concepts and Applications* (pp. 301-316). Burlington, MA: Jones & Bartlett Learning. ISBN-13: 978-1284101539.
4. Drummond KE and **Cooke NK**. (2017) How to Develop and Use Surveys in Research. In KE Drummond and A Murphy-Reyes (Eds.), *Nutrition Research: Concepts and Applications* (pp. 351-386). Burlington, MA: Jones & Bartlett Learning. ISBN-13: 978-1284101539.

Refereed Journal Articles

Legend: Starred authors' names designate corresponding author; Authors' names in italics designate students advised or mentored in research by Dr. Cooke

Refereed Journal Articles

1. McGuirt JT*, **Cooke NK**, Burgermaster M, Enahora B, Huebner G, Meng Y, Tripicchio G, Dyson O, Stage VC, and Wong SS. Extended Reality Technologies in Nutrition Education and Behavior: Scoping Review and Future Directions. *Nutrients*. 2020 September; 12(9): 2899; doi:10.3390/nu12092899
2. **Cooke NK**, Ash SL, and Goodell LS*. Medical Students' Perceived Educational Needs to Prevent and Treat Childhood Obesity. *Education for Health*. 2017 August; 30(2):156-162. doi: 10.4103/efh.EfH_57_16.
3. **Cooke NK***, *Pursifull AK*, *Jones KM*, and Goodell LS. Layered Learning, Eustress, and Support: Impact of a Pre-Service-Learning Training on Students' Self-Efficacy in Teaching in the Community. *Journal of the Scholarship of Teaching and Learning*. 2017 July; 17(3):1-18; doi: 10.14434/v17i3.21306
4. Goodell LS*, Stage VC, and **Cooke NK**. Practical Qualitative Research Strategies: Training Interviewers and Coders. *Journal of Nutrition Education and Behavior*. 2016 August; 48(8):578-585; doi: 10.1016/j.jneb.2016.06.001
5. Goodell LS*, **Cooke NK**, and Ash SL. A Qualitative Assessment of the Impact of a Service-Learning Course on Students' Discipline-Specific Self-Efficacy. *Journal of Community Engagement and Higher Education*. 2016 July; 8(2):28-40.

6. **Cooke NK**, Nietfeld JL, and Goodell LS*. Development and Validation of the Childhood Obesity Prevention Self-efficacy (COP-SE) Survey. *Childhood Obesity*. 2015 April; 11(2): 114-121; doi: 10.1089/chi.2014.0103
7. **Cooke NK**, Ash SL, Nietfeld JL, Fogleman AD, and Goodell LS*. Impact of a Community Nutrition Service-Learning Course on Students' Nutrition Education Teaching Self-Efficacy. *North American Colleges and Teachers of Agriculture Journal*. 2015 March; 59(1):28-33.
8. **Cooke NK**, Ash SL, *Wilson KL*, and Goodell LS*. A Qualitative Assessment of Pre-Healthcare Undergraduates' Perceptions of Childhood Obesity to Inform Undergraduate Curricular Changes. *North American Colleges and Teachers of Agriculture Journal*. 2015 March; 59(1): 18-23.
9. Goodell LS*, **Cooke NK**, and Ash SL. Cooperative Learning Through In-Class Team Work: An Approach to Classroom Instruction in a Life Cycle Nutrition Course. *North American Colleges and Teachers of Agriculture Journal*. 2012 June; 56(2):68-75.

Dissertation

- **Cooke NK** (2014): Assessing Future Healthcare Providers' Views of Childhood Obesity to Inform Premedical and Medical Curricular Changes. (Under the direction of L. Suzanne Goodell): <http://repository.lib.ncsu.edu/ir/bitstream/1840.16/9232/1/etd.pdf>

Invited Seminars, Presentations, and Workshops

1. **Cooke NK** and Odom J. "Getting Started with Engaged Teaching and Service-Learning." *New Faculty Orientation Lunchtime Series*. October 14, 2020.
2. Floyd M, Schwab S, **Cooke NK**, and Morrell L. "Internal Capacity Building." *Civic Action in Times of Uncertainty – NC State Office of Outreach and Engagement Webinar*. August 28, 2020.
3. Burgermaster M, **Cooke NK**, McGuirt JT, Mitchell EG, Wong SS, DiFilippo K, Heying E, El-Kour T. "Digital Tech for Nutrition Education Roundup 2019." *Society for Nutrition Education and Behavior – Digital Technology Division Webinar*. April 10, 2019.
4. **Cooke NK**. "Putting the 'Community' in Community Food Security." *Division of Academic and Student Affairs New Student Dinner Conversations*. March 27, 2018.
5. **Cooke NK**. "YouTube and Virtual Reality" in "Taking G Suite to the Next Level." *5 Years of Google at NC State Event*. November 30, 2016.
6. **Cooke NK**, Cuales M, and Dunnagan CP. "Making Virtual Reality a Reality: Innovation in Preparing Nutrition Educators." *Society for Nutrition Education and Behavior – Higher Education Division Webinar*. September 8, 2016.
7. **Cooke NK**. "Exploration of the Feasibility of 360° Videos in Training and Evaluation for Community Nutrition Service-Learning Course" in "SoTL: Innovative Collaborative Learning Strategies for Nutrition Education." (Other Speakers: K Shelnut, M Burgermaster, A Peterson, and VC Stage; Moderator: **NK Cooke**). *Society for Nutrition Education and Behavior Conference*, San Diego, CA, August 1, 2016.
8. Cuales M, Huckaby B, **Cooke NK** and Mattachini AD. "360° Video-Based Scenarios Used to Facilitate Conflict Management Training" in "NC State DELTA VR Village Booth." *East Coast Games Conference Expo*, Raleigh, NC, April 21, 2016.
9. **Cooke NK**, Dobosy B, and Patterson RP. "Food Security." *NC State University Park Scholarships' sPARK Symposium*, Raleigh, NC, April 2, 2016
10. **Cooke NK**. "Exploration of the Feasibility of 360° Videos in Training and Evaluation for Community Nutrition Service-Learning Course." *Inter-Faith Food Shuttle Satellites Quarterly Webinar*, March 22, 2016.

11. Goodell LS, Carraway-Stage VG, **Cooke NK**, and Peterson AD. "Introduction to Qualitative Methods – Level 1 Training." *Journal of Nutrition Education and Behavior's Pre-Conference Workshop for the Society for Nutrition Education and Behavior Conference*, Pittsburgh, PA, July 25, 2015.
12. **Cooke NK**. "SoTL in Small Classes: Methods to Improve Teaching and Student Learning Outcomes" in "Scholarship of Teaching and Learning: Using Your Classroom to Increase Peer-Reviewed Publications and Improve Student Outcomes." (Other Speakers: LS Goodell, LB Brown, and SL Ash; Moderator: AR Mobley). *Society Nutrition Education and Behavior and American Society for Nutrition Webinar*. February 12, 2015.
13. **Cooke NK**. "Service-Learning in Nutrition: Community Nutrition and Community Food Security" in "Service-Learning: What is it? How do I do it? How is it recognized?" (Other Speakers: M Schroeder-Moreno, J Jameson, and B Kirby). *NCSU Office of Faculty Development*, Raleigh, NC, November 17, 2014.
14. **Cooke NK**. "Childhood Obesity." *Kannapolis Summer Scholars Program*, July 15, 2014.
15. **Cooke NK**. "Healthy Cooking Minus the Stress – Nutrition on a Graduate Student Budget" *Personal and Professional Development Workshop – The Graduate School's Preparing Future Leaders Program, N.C. State University*, February 20, 2014.
16. Goodell LS and **Cooke NK**. "A PACKed Kitchen: Maximize Your Volunteer Potential with a University Partnership!" *Cooking Matters Annual Summit*, Raleigh, NC, November 14, 2013.
17. **Cooke NK**. "Roadmap to Designing, Implementing, and Evaluating a Service-Learning Course." *Fundamentals in Teaching Workshop - The Graduate School's Preparing Future Leaders Program, N.C. State University*, February 19, 2013.
18. **Cooke NK**. "Community Needs Assessment", *Community Nutrition, the University of North Carolina at Greensboro*, February 4, 2013.
19. Goodell LS, Carraway-Stage V, **Cooke NK**, and Chika S. "PEAS-Preschool Education in Agriculture/Nutrition Sciences", *Wake County Smart Start Education Academy, Raleigh, NC*, April 30, 2011.

Conference Posters and Oral Presentations

Legend: Starred authors' names designate senior author; Authors' names in italics designate students advised or mentored in research by Dr. Cooke

1. *Schaffer K* and **Cooke NK***. Development of an Online, Interactive Career Preparation Module for Nutrition Science Majors. *NC State University Undergraduate Research and Creativity Symposium*, April 23, 2021. (Online Poster)
2. *Marrotta ME*, *Bramley H*, and **Cooke NK***. Virtual Reality's Future in Developing Conflict Management Protocol. *NC State University Undergraduate Research and Creativity Symposium*, April 24, 2020. (Online Poster)
3. *Malik A*, *Bandy C*, and **Cooke NK***. Qualitative Exploration to Inform the Development of a Cooking Program for Undergraduate Students. *NC State University Undergraduate Research and Creativity Symposium*, April 24, 2020. (Online Poster) **Student Research Award**
4. *Xiong Y*, *Bramley H*, and **Cooke NK***. The Development of Cultural Food Interviews and Virtual Reality Cultural Food Store Tours for Cultural Competence Training in Nutrition Course. *NC State University Undergraduate Research and Creativity Symposium*, April 24, 2020. (Online Poster)

5. White JL* and **Cooke NK**. Lessons Learned from Flipping a Service-Learning Course. *OLC Accelerate Conference*, November 22, 2019. (Interactive Poster)
 6. Beverly E, White JL, and **Cooke NK***. Nutrition Education for Diverse Populations: Senior Adults. *NC State University Undergraduate Research and Creativity Symposium*, April 24, 2019. (Poster)
 7. Qu J, White JL, and **Cooke NK***. Development and Process Implementation of School-aged Children Nutrition Service-Learning Experience. *NC State University Undergraduate Research and Creativity Symposium*, April 24, 2019. (Poster)
 8. Streeter I, White JL, and **Cooke NK***. Nutrition Education for Refugees – Curriculum Development & Revision, Implementation, and Evaluation. *NC State University Undergraduate Research and Creativity Symposium*, April 24, 2019. (Poster)
 9. Veerabagu N, Edwards T, Evans P, Shah D, and **Cooke NK***. Evaluation of Virtual Reality Conflict Management Videos for Pre-Service-Learning Training. *NC State University Undergraduate Research and Creativity Symposium*, April 24, 2019. (Poster)
 10. Bramley H, Patel A, Qu J, Hawaldar P, Xiong Y, White JL, and **Cooke NK***. Development of Nutrition Education for Diverse Populations Course. *State of North Carolina Undergraduate Research and Creativity Symposium*, November 10, 2018. (Student Oral Presentation)
 11. Edwards M, Graham M, Gold I, Simmerman S, Zimmerman E, and **Cooke NK***. Food Behaviors Among People of Diverse Cultural Backgrounds. *NC State University Undergraduate Research and Creativity Symposium*, April 18, 2018. (Poster)
 12. Cauley MA and **Cooke NK***. Encouraging Undergraduate Research Through Faculty Research Video Profiles. *NC State University Undergraduate Research and Creativity Symposium*, April 18, 2018. (Poster)
 13. Nile S and **Cooke NK***. Development of an Interactive Case Study of the Raleigh Food Corridor. *NC State University Undergraduate Research and Creativity Symposium*, April 18, 2018. (Poster)
 14. Patel A, Bramley H, Qu J, Hawaldar P, Xiong Y, White JL, and **Cooke NK***. Development of Nutrition Education for Diverse Populations Course. *NC State University Undergraduate Research and Creativity Symposium*, April 18, 2018. (Poster)
 15. Veerabagu N, Samuelson A, and **Cooke NK***. Evaluation of the User Experience of Virtual Reality Conflict Management Training Videos for Nutrition Education. *NC State University Undergraduate Research and Creativity Symposium*, April 18, 2018. (Poster)
- Student Research Award**
16. Wong N, Given CA, Scruggs KN, and **Cooke NK***. Evaluation of Knife Skills Training Module for Service-Learning Training. *NC State University Undergraduate Research and Creativity Symposium*, April 18, 2018. (Poster)
 17. Bramley HT, Holmes NJ, and **Cooke NK***. Improving the Self-Efficacy of Instructors Conducting Cooking Matters for Teens and Kids Pop-up Tours. *NC State University Undergraduate Research Symposium*, April 13, 2017. (Poster) **Student Research Award**
 18. Denny AM and **Cooke, NK***. Development of Extreme Food Makeover Challenge Video Tutorial for Nutrition Educator Training. *NC State University Undergraduate Research Symposium*, April 13, 2017. (Poster)
 19. Norris RS, Scruggs KN, Given CA, and **Cooke NK***. Evaluation of Knife Skills Training Module for Nutrition Education Course. *CALS Honors Research Symposium*, April 13, 2017. (Poster)

20. Younger SD and **Cooke NK***. Development of Alumni Career Profile Videos for Nutrition Research, Communication, and Careers Course. *NC State University Undergraduate Research Symposium*, April 13, 2017. (Poster)
21. **Cooke NK***, Pursifull AK, Jones KM, and Goodell LS*. Impact of a Pre-Service-Learning Training on Students' Skills Needed to Deliver Pre-Packaged Educational Curricula in the Community. *Society for Nutrition Education and Behavior Conference*, San Diego, CA, July 31, 2016. (Poster)
22. Calvert MD, Goodell LS, and **Cooke NK***. Development of Virtual Reality Conflict Management Videos for Training Nutrition Educators. *NC State University Undergraduate Research Symposium*, April 2016. (Poster)
23. Laxer JA, Goodell LS, and **Cooke NK***. Exploration of the Feasibility of 360° Video Technology in Training and Evaluation for a Nutrition Education Service-Learning Course. *NC State University Undergraduate Research Symposium*, April 2016. (Poster)
24. Mattachini AD, Scruggs KN, Goodell LS, and **Cooke NK***. Development of Skills-Based Knife Safety Videos for Training Nutrition Educators. *NC State University Undergraduate Research Symposium*, April 2016. (Poster)
25. Pursifull AK, Jones KM, Goodell LS, and **Cooke NK***. Impact of a Pre-Service-Learning Training on Students' Skills Needed to Deliver a Pre-Packaged Educational Curriculum in the Community. *State of North Carolina Undergraduate Research Symposium, High Point University*, November 2015. (Poster)
26. deGuzman SM, Bochicchio KM, Lord RS, Goodell LS, and **Cooke NK***. The Development of the Self-Efficacy in Teaching Nutrition in the Community (SET-NC) Survey. *State of North Carolina Undergraduate Research Symposium, High Point University*, November 2015. (Poster)
27. **Cooke NK**, Ash SL, Nietfeld JL, Fogleman AD, and Goodell LS*. Impact of a Service-Learning-Based Community Nutrition Course on Students' Nutrition Teaching Self-Efficacy. *Society for Nutrition Education and Behavior Conference*, Pittsburgh, PA, July 27, 2015. (Oral Presentation)
28. **Cooke NK** and Goodell LS*. "Designing an Undergraduate-Level Distance-Education Community Food Security Course with a Service-Learning Component." *Sustainable Agriculture Education Association Annual Conference*, Raleigh, NC, August 3, 2014. (Oral Presentation)
29. Jones KM, Pursifull AP, Goodell LS*, and **Cooke NK**. The Impact of Pre-Service Laboratory Training on Students' Service-Learning Experience. *NC State University Undergraduate Research Symposium*, April 2014. (Poster)
30. Bolick N, Howard H, and LeBeau L (Graduate Mentor: **Cooke NK**, Faculty Mentor: Goodell LS*). Determining the Impact of a Service-Learning Course on Students' Self-Efficacy in Teaching Nutrition in the Community. *NC State University Undergraduate Research Symposium*, April 2013. (Poster)
31. **Cooke NK**, Raad AA, Alexander DS, Lang BA, Wheeley JR, and Goodell LS*. A Nationwide Qualitative Assessment of Third and Fourth Year Medical Students' Views of Childhood Obesity, *Federation of American Societies for Experimental Biology Journal*. (2012 26:240.8), April 2012. (Oral Presentation)
32. Raad AA, **Cooke NK**, Alexander DS, Lang BA, Wheeley JR, and Goodell LS*. Qualitative Assessment of Resources Needed by Third and Fourth Year Medical Students for the Prevention and Treatment of Childhood Obesity, *Federation of American Societies for Experimental Biology Journal*. 2012 26:1011.15, April 2012. (Poster)

33. Alexander DS, **Cooke NK**, Lang BA, Raad AA, Wheeley JR, and Goodell LS*. Qualitative Assessment of Medical Students' Definitions of Childhood Obesity, *NC State University Undergraduate Research Symposium*, April 2012. (Poster)
34. Lang BA, **Cooke NK**, Alexander DS, Raad AA, Wheeley JR, and Goodell LS*. Qualitative Assessment of Medical School Coursework Received by Third and Fourth Year Medical Students for the Treatment and Prevention of Childhood Obesity, *NC State University Undergraduate Research Symposium*, April 2012. (Poster) **Student Research Award**
35. Wheeley JR, **Cooke NK**, Alexander DS, Lang BA, Raad AA, and Goodell LS*. Qualitative Assessment of Third and Fourth Year Medical Students' Knowledge of Childhood Obesity Gained from Clinical Rotations, *NC State University Undergraduate Research Symposium*, April 2012. (Poster)
36. Loyd J, Pope M, Price M, and Snow N (Graduate Mentor: **Cooke NK**, Faculty Mentor: Goodell LS*). Everyone Says You Are What You Eat, *NC State University Undergraduate Research Symposium*, April 2012. (Poster)
37. **Cooke NK** and Goodell LS*. Engaging Community Nutrition Students through an In-depth Service-Learning Experience. *Society for Nutrition Education and Behavior*, July 2011. (Poster)
38. **Cooke NK**, Wilson KL, Bissett EE, and Goodell LS*. A Qualitative Assessment of Undergraduate Pre-Healthcare Student Views of Childhood Obesity, *Federation of American Societies for Experimental Biology Journal*. 2011 25:99.6, April 2011. (Oral Presentation)
39. Wilson KL, **Cooke NK**, Bissett EE, and Goodell LS*. Pre-health students' sources of information for understanding the etiology and prevention of childhood obesity, *Federation of American Societies for Experimental Biology Journal*. (2011 25:781.2). April 2011. (Poster)
40. **Cooke NK**, Ash SL, Carraway-Stage VG, and Goodell LS*. Improving Nutrition Students' Teaching Self Efficacy Through Leading Cooking Classes in the Community, *NC State University Undergraduate Research Symposium*, April 2010. (Poster)
41. Kimbrell PA, **Cooke NK**, and Goodell LS*. A PACKed Kitchen: Effectiveness of Community Cooking and Nutrition Classes on Low-Resource Preschooler's and their Parent's Fruit and Vegetable Consumption, *NC State University Undergraduate Research Symposium*, April 2010. (Poster)
42. **Cooke NK**, Ash SL, Carraway-Stage VG, and Goodell LS*. Improving Nutrition Students' Teaching Self-Efficacy Through Leading Cooking Classes in the Community. *Federation of American Societies for Experimental Biology Journal*. 2010 24:211.1, April 2010. (Oral Presentation)
43. Goodell LS*, Andrew KG, Edwards LA, **Cooke NK**, and Carraway-Stage VG. Connecting Community Partners with University Instructors: Using Service-Learning Students to Teach Operation Frontline Cooking and Nutrition Classes to Low-Income Individuals and Families, *North Carolina Dietetic Association Annual Meeting*, Durham, NC, April 20, 2010. (Oral Presentation)
44. **Cooke NK** and Goodell LS*. Community Liaison: Using Undergraduate and Graduate Students to Coordinate Service-Learning in the Community. *Pathways to Achieving Civic Engagement Conference*, Elon, NC, February 10, 2010. (Oral Presentation)
45. Prohn SM*, **Cooke NK**, Grossman JM, and Goodell LS. Convergence & Contradiction: Assessing Service-Learning Through a Mixed Methods Approach. *Pathways to Achieving Civic Engagement Conference*, Elon, NC, February 10, 2010. (Oral Presentation)

46. **Cooke NK** and Patterson RP*. Reflection and Discussion-Based Learning in World Population and Food Prospects, *NC State University Undergraduate Research Symposium*, April 2009. (Poster) ***Awarded Silver Award**
47. **Cooke NK** and Estes PA*. Genetic Control of Glial Development in the Central Nervous System of *Drosophila melanogaster*, *NC State University Undergraduate Research Symposium*, August 2007. (Poster)

GRANTS, CONTRACTS, AND PROJECTS

Duration	Project
<i>In Review</i>	
Submitted: May 2021	Flipping a Human Nutrition and Chronic Disease Course to Incorporate Conversational, Interactive Online Modules to Increase Student Engagement, Principal Investigator , <i>FBNS Distance Education Grants Program</i> , \$5000
<i>Funded</i>	
2018-2019	Development of an Online Pre-Service-Learning Training for Nutrition Education in Diverse Populations Course, Principal Investigator , <i>FBNS Distance Education Grants Program</i> , \$5000
2016-2017	Evaluation of a Knife Skills Training Module for Nutrition Educators, Research Mentor , <i>Park Scholarships Enrichment Grant, NCSU</i> , \$950
2015-2016	Exploration of the Feasibility of 360° Videos in Training and Evaluation for Community Nutrition Service-Learning Course, Principal Investigator , <i>DELTA Exploratory Grant, NCSU</i> , \$8000
2013-2014	The Development of a Distance Education Course with a Service-Learning Component: NTR 210- Community Food Security, Curriculum Designer , <i>DELTA IDEA Course Grant, NCSU</i> , \$8000
<i>Not Funded</i>	
Submitted: June 2020	Eye-Opening Scholarship in Food and Nutrition Sciences: A 360-Degree Experiential Learning Approach to Mentoring, Learning, and Career Opportunities, Co-Investigator , <i>US Department of Agriculture (USDA) – National Institute of Food and Agriculture Higher Education Multicultural Scholars Program (MSP)</i> , \$200,000
Submitted: March 2020	Leaders in Equity and First Foods (LEAFF): A Training Program to Develop Culturally Competent, MCH Nutrition Leaders with Knowledge and Experience in Breastfeeding and Young Child Feeding Support, Co-Investigator , <i>US Department of Agriculture (USDA) – National Institute of Food and Agriculture - Higher Education Challenge (HEC)</i> , \$750,000

Submitted: November 2019	Qualitative Evaluation of the Impact of Virtual Reality Training on Students' Self-efficacy in Teaching Nutrition in the Community, Principal Investigator , <i>QSR International and International Institute of Qualitative Methodology Research Grant for Early Career Researchers</i> , \$25,000
Submitted: Oct 2018	Empowering Women Across CALS, Co-Investigator , <i>NC State University Diversity Mini Grant</i> , \$875
Submitted: May 2018	Leaders in Equity and First Foods (LEAFF): A Training Program to Develop Culturally Competent, MCH Nutrition Leaders with Knowledge and Experience in Breastfeeding and Young Child Feeding Support, Co-Investigator , <i>Health Resources and Services Administration (HRSA) Grant</i> , \$1,125,000 (\$225,000 per year, for 5 years)
Submitted: May 2017	Development of the PEAS (Preschool Education in Agriculture/Nutrition Sciences) Curriculum Online Pre-Service-Learning Training Module, Co-Investigator , <i>DELTA Exploratory Grant</i> , \$8000
Submitted: May 2016	Evaluation of a Knife Skills Training Module for Nutrition Educators, Research Mentor , <i>Office of Undergraduate Research Grant, NCSU</i> , \$800 (<i>Mentored student in submission of grant</i>)
Submitted: May 2016	Engaging Undergraduate Researchers in Virtual Reality Service-Learning Training Curriculum Development and the Scholarship of Teaching and Learning, Principal Investigator , <i>DELTA Faculty Fellows Grant, NCSU</i> , \$5000
Submitted: April 2015	Evaluating the impact of a novel father-focused nutrition and parenting program to help prevent childhood obesity in preschool age children, Consultant , <i>USDA - National Institute of Food and Agriculture -Agriculture and Food Research Initiative</i> , (Amount Dedicated to NCSU: \$102,640) (4 years)
Submitted: Sept. 2013	A Multidisciplinary Approach to Training Undergraduate Students to Address a Global Challenge; The COOL Program: Childhood Obesity Outreach and Learning, Project Coordinator , <i>National Institute of Diabetes and Kidney and Digestive Diseases</i> , \$497,850 (5 years)

FEATURED NEWS ARTICLES AND VIDEOS

1. ["DELTA Grant Nutrition Faculty Receive Gertrude Cox Award."](#) *DELTA News*. June 12, 2021.
2. ["Park Faculty Scholar Suzie Goodell and Natalie Cooke '10 Receive Gertrude Cox Award."](#) *Park Scholarships News*, June 12, 2021.
3. ["A 'Spark' for Nutrition Science."](#) *NC State News*, May 18, 2021.
4. ["Of Mugs and Microwaves: Healthier Dorm Cooking Tips."](#) *Technician*. March 10, 2021.
5. ["Nutrition Grad Finds Ways to Promote Wellness, from Virtual Reality to YouTube."](#) *CALS News*, December 7, 2020. ***Article about mentored student**

6. [“Online Graduate Found Inspiration at NC State to Expand the Reach of Her Work.”](#) *DELTA News*, November 23, 2020. *Article about mentored student
7. [“Backpack Buddies Feeds Hungry Children.”](#) *WRAL TV*, July 19, 2017. (Minute 27:23), also archived as a shorter clip on the [IFFS YouTube channel](#).
8. [“Faculty Chat: Student Success.”](#) *Executive Vice Chancellor and Provost News*. May 8, 2017.
9. [“Exploratory Grants Generate Solutions.”](#) *DELTA News*. April 20, 2017.
10. [“Exploring VR.”](#) *DELTA Annual Report 2015-2016*. November 15, 2016.
11. [“Virtual Reality Intro.”](#) *SNEB eCommunicator*. October 13, 2016.
12. [“DELTA Grant Leads to Student Presentations at Symposium.”](#) *DELTA News*. May 9, 2016.
13. [“East Coast Games Conference VR Village 2016.”](#) *DELTAwire*. May 17, 2016.
14. [“Natalie Cooke '10 and Kati Scruggs '18 Team Up to Train Future Nutrition Educators”](#) *Park Scholarships Website*. May 2, 2016. *Article about mentored student
15. [“Nutrition expert talks study habits, stress management.”](#) *Technician*. April 25, 2016.
16. [“DELTA grants make VR a reality.”](#) *NC State News*. April 14, 2016.
17. [“Partnership gives CALS students opportunity to teach Cooking Matters classes.”](#) *CALS News*. August 10, 2015.
18. [“Seeding Food Studies.”](#) *NC State’s Seeding Food Studies Grant*. July 14, 2014.
19. [“Meet Natalie Cooke.”](#) *The NC State Graduate School Website*. April 17, 2013.
20. [“Natalie Cooke: Learning and Leading Through Service.”](#) *CALS News*. April 29, 2010.

PROFESSIONAL ORGANIZATIONS/MEMBERSHIPS

- NACADA: The Global Community for Academic Advising (2016-present)
- North American Colleges and Teachers of Agriculture (2016-present)
- North Carolina Dietetic Association (2015-present)
- Academy of Nutrition and Dietetics (2015-present)
- Society for Nutrition Education and Behavior (2012-present)
 - Higher Education Division
 - Digital Technology in Nutrition Education and Behavior Change
- American Society for Nutrition (2010-2015)
 - Nutrition Education Research Interest Section

SERVICE ACTIVITIES

Service to the Profession

- Reviewer, *Journal of Nutrition Education and Behavior* (2014-present)
- Digital Technology in Nutrition Education and Behavior Change Steering Committee, *Society for Nutrition Education and Behavior* (2017-2019)
- Awards Selection Committee, *NACADA* (2018)
- Abstract Reviewer, *Society for Nutrition Education and Behavior* (2015)
- Nutrition Education RIS Communications Coordinator, *American Society for Nutrition* (2012-2014)
- Nutrition Education RIS Graduate Student Representative, *American Society for Nutrition* (2011-2012)

Service to the University

- Undergraduate Research Advisory Board (2021-present)
- Life Science First Year Program Advisory Committee (2016-present)
- Executive Committee of the Faculty Senate (elected) (2019-2020)
- Governance, Communications, and Recruitment Committee of the Faculty Senate, Co-Chair (2019-2020)
- Faculty Senate (elected) (2018-2020)
- University Standing Committee on Undergraduate Admissions (2018-2020)
- Pack Essentials Steering Committee (2018-2020)
- Academic Policies Committee of the Faculty Senate (2018-2019)
- Park Scholarships Service Advisory Committee (2010-2019)
- Park Scholarships Selection Committee (2015, 2019)
- University Advising Awards Selection Committee (2017-2018)
- Building Future Faculty Departmental Mentor (2016, 2017)
- Academic Advisor Search Committee, Life Science First Year Program (2015-2020)
- Caldwell Fellows Program Selection Committee (2015)
- Advisor for Shelton Scholars Day of Service Planning Committee (2014)
- Assistant Director Search Committee, Park Scholarships (2013)
- New Graduate Student Orientation Panelist (2012, 2013)
- Introduction to Teaching Workshop Facilitator (2011)

Service to the College

- CALS Courses and Curricula Committee (2016-present)
- Review Committee for Arey and McSwain Scholarships (2020)
- Student Services Specialist Search Committee (2018-2019)
- Undergraduate Research Symposium Poster Judge (2012)

Service to the Department

- Undergraduate Curriculum Committee (2015-present)
 - Co-Chair (2016-2017, 2017-2018)
- ETF Budget Departmental Co-Administrator (2015-present)
- Website Development Committee, Member (2014-present)
- Nutrition Teaching Assistant Professor Search Committee, Chair (2020)
- Nutrition Administrative Assistant Search Committee (2018-2019)
- Nutrition Club Co-Advisor (2015-2019)
- Student Outreach Committee, Member (2014-2015)
- Student Life Photo Contest Committee, Chair (2013)

Service to the Community (Educational Presentations)

- “Service-Learning in Nutrition Science” – *Jefferson Scholars Seminar*, March 29, 2021
- “Servin’ Up Nutrition Education” – *Students of Life Sciences (SOLS) Club Servitude Series*, November 11, 2020
- “A Healthier Community Panel Discussion” – *Alliance Young Professionals*, September 21, 2017
- “Eating Healthy for College Students.” – *Honors Village*, October 18, 2016
- Faculty Expert for A/V Geeks Movie Discussion on “When Potato Chips Were Good For You!” – *A/V Geeks, NC State University*, September 23, 2016

- “Cooking Up Healthy Behaviors” *Girl Scout Day Camp – Troop 3061 – Workshop for Eating for Beauty Badge*, June 15, 2016
- “Finding Your Fit: Nutrition Education” *Knightdale High School Science Career Day*, May 27, 2016
- “What is Hunger?” *Westbrook Baptist Church GAs Class*, October 22, 2014
- “Food Deserts and Local Food” *Wake Young Women’s Leadership Academy - Earth Day Presentations*, April 22, 2014

UNDERGRADUATE ADVISING AND MENTORING

Academic Year	Academic Advisees	Teaching Assistants	Teaching & Research Assistants	Research Assistants
2020 - 2021	58	14	1	4
2019 - 2020	83	16	2	7
2018 - 2019	98	13	8	9
2017 - 2018	87	9	3	10
2016 - 2017	70	15	7	6
2015 - 2016	50	1	5	1
2014 - 2015	24	1	5	2
2013 - 2014	--	5	1	--
2012 - 2013	--	4	--	6
2011 - 2012	--	--	--	6
2010 - 2011	--	--	--	2

Note: Nutrition minors not included in list of academic advisees. As coordinator for the Nutrition minor, Dr. Cooke provides advice on minor courses when students have questions but does not meet with each of these students for term advising. As of Spring 2021, there are currently 144 declared Nutrition minors. Dr. Cooke also meets with internal and external transfers before they matriculate into the Nutrition Science major and are assigned an advisor.

Total number of unique undergraduate students advised in NC State career: 176

GRADUATE STUDENTS MENTORED

Name	Degree	Dr. Cooke’s Role	Year Graduated
Hibah Alsulami	PhD (Nutrition)	Member	2020
Hailey Bramley	PhD (Nutrition)	Chair	