

Caroline E. Chandler, PhD, MPH
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EDUCATION & TRAINING

Education:

- 2022** **Doctor of Philosophy**, Department of Maternal and Child Health, Gillings School of Global Public Health, University of North Carolina at Chapel Hill
Minor in Social Work
Certificate in Participatory Research
Dissertation: Supporting strong starts: Associations between service receipt and well-being outcomes among infants and toddlers involved with Child Protective Services
- 2017** **Master of Public Health**, Department of Maternal and Child Health, Gillings School of Global Public Health, University of North Carolina at Chapel Hill
Master's Paper: Social-Emotional Competency Training Needs for North Carolina's Early Childhood Workforce.
- 2014** **Bachelor of Arts**, Healthcare and Society and Cognitive Science, College of Arts and Sciences, Westhampton College, University of Richmond

Training:

- 2020-2022** **Injury and Violence Prevention Fellow**, Injury Prevention Research Center at the University of North Carolina at Chapel Hill
- 2018-2020** **Predoctoral Trainee**, Carolina Consortium on Human Development, Frank Porter Graham Child Development Institute at the University of North Carolina at Chapel Hill, NICHD T32-HD07376
Primary Mentor: Meghan Shanahan, PhD; Secondary Mentor: Carolyn Halpern, PhD
- 2019** **Community Engagement Fellowship**, Carolina Center for Public Service, University of North Carolina at Chapel Hill

PROFESSIONAL EXPERIENCE

- 07/22-Present** **Assistant Professor**, University of North Carolina at Chapel Hill Gillings School of Global Public Health, Department of Maternal and Child Health
- 05/21-12/21** **Implementation Science Intern**, National Implementation Research Network, Frank Porter Graham Child Development Institute
- 01/21-05/21** **Adjunct Professor**, University of Richmond
- 08/20-05/21** **MPH Core Senior Teaching Fellow**, University of North Carolina at Chapel Hill Gillings School of Global Public Health
- 05/20-08/20** **Graduate Research Assistant**, UNC School of Social Work
- 06/19-12/19** **Contractor**, RTI International
- 06/17-08/17** **Workforce Development Intern**, NC Child, NC Infant Mental Health Association
- 08/16-08/19** **Graduate Research Assistant**, Robert Wood Johnson Foundation Clinical Scholars Program, UNC-CH
- 06/14-07/16** **Public Health Analyst**, Center for Communication Science, RTI International

HONORS AND AWARDS

2022	Delta Omega Theta Chapter Service Award , University of North Carolina at Chapel Hill
2021-2022	Dissertation Completion Fellowship , University of North Carolina at Chapel Hill
2017	Sarah Taylor Morrow Scholarship , University of North Carolina at Chapel Hill
2014	Westhampton College Distinguished Leader Award , University of Richmond
2013	Omicron Delta Kappa Leadership Honor Society , University of Richmond

MEMBERSHIPS

2020-Present	World Association for Infant Mental Health
2019-Present	North Carolina Infant and Early Childhood Mental Health Association
2016-Present	American Public Health Association

BIBLIOGRAPHY

Books and Book Chapters

In Development

1. Lanier P, **Chandler CE**, Chung Y, Maguire-Jack K. Risk and Resilience in Early Childhood. In development for *Risk and Resilience in Childhood, 3rd Edition*. NASW Press.

Published

1. Dave G, Noble C, **Chandler C**, Corbie-Smith G, Fernandez CSP. Clinical Scholars: Using Program Evaluation to Inform Leadership Development. In: Fernandez CSP, Corbie-Smith G, editors. *Leading Community Based Changes in the Culture of Health in the US: Experiences in Developing the Team and Impacting the Community*. 2021. IntechOpen.

Articles in Peer-Reviewed Journals (* = community partner)

In Preparation

1. **Chandler CE**, Austin AE, Lanier P, Gottfredson N, Halpern CT, Shanahan ME. Examination of the relationship between the number of services received and risk of developmental delay among infants and toddlers involved with Child Protective Services. Estimated pages 15.
2. **Chandler CE**, Austin AE, Lanier P, Gottfredson N, Halpern CT, Shanahan ME. Do clinical and concrete services received through Child Protective Services support young children's development? Estimated pages 25.
3. **Chandler CE**, Shanahan ME, Austin AE, Lanier P, Gottfredson N, Halpern CT. Clinical and concrete service referral and receipt among families of infants and toddlers investigated by Child Protective Services. Estimated pages 15.
4. **Chandler CE**, Drewry M, *Riggins C, *Jackson M, Lightfoot AF. "Y'all should just train the kids": Preferences and challenges in youth access to mental health support in Southeast Raleigh. Estimated pages 15.
5. **Chandler CE**, Drewry M, *Riggins C, *Jackson M, Lightfoot AF. Identifying mental health support needs and developing solutions: Youth Participatory Action Research in Southeast Raleigh. Estimated pages 15.

Under Review/Revision

1. **Chandler, CE**, Louison L, Robertson N, Madenyika N, Hardy B, Allin S, Kimberg D, Fleming WO. Using quality improvement as a mechanism for fostering partnerships and promoting equity in a health system change model. Submitted to *Maternal and Child Health Journal*.

Accepted

1. Henry E, **Chandler CE**, Laux J, Noble CC, Corbie G, Fernandez CSP, Dave G. Evaluating Leadership Development Competencies to Build Health Equity in America. *Journal of Continuing Education in the Health Professions*. 2023. Forthcoming.

In Print

1. Woods-Jaeger B, Jahangir T, Lucas D, Freeman M, Renfro T, Knutzen K, cave N, Jackson M, **Chandler C**, Riggins C, Lightfoot AF. Youth Empowered Advocating for Health (YEAH): Facilitating partnerships

- between prevention scientists and black youth to promote health equity. *Prev Sci*. Published online 2022. doi:10.1007/s11121-022-01450-9
2. Fernandez CSP, Noble CC, **Chandler C**, Henry E, Garman L, Green M, Dave G, Corbie G. Equity-centered leadership training found to be both relevant and impactful by interprofessional teams of health-care clinicians: Recommendations for workforce-development efforts to update leadership training. *Consulting Psychology Journal*. Published online 2022. doi:10.1037/cpb0000239
 3. Kelly B, O'Donoghue A, Parvanta S, Boudewyns V, Oguntimein O, Bann C, West S, Tzeng J, **Chandler C**, McCormack L, Madsen G. Effects of additional context information in prescription drug information sheets on comprehension and risk and efficacy perceptions. *J of Pharm Policy and Pract*. 2022;15(1):15. doi:10.1186/s40545-021-00386-9
 4. Carr T, Holly M, Reed K, Rabbani R, **Chandler C**, Cook B, Howard P, McPherson M, Henry B, Ramaswamy R. Developing capacity for learning community systems: Experiences from the 100 Million Healthier Lives SCALE initiative. *Learning Health Systems*. 2022;6(3). doi:10.1002/lrh2.10296
 5. Reed K, Carr T, Rabbani R, **Chandler C**, Scaccia J, Cook B, Howard P, Ramaswamy R. Blending participatory action synthesis and meta-ethnography: An innovative approach to evaluating complex community health transformation. *Journal of Participatory Research Methods*. 2021;2(3). doi:10.35844/001c.29011
 6. **Chandler CE**, Shanahan ME, Halpern CT. The association between early reports to Child Protective Services and developmental trajectories through middle childhood. *Child Abuse & Neglect*. 2021;122:105303. doi:10.1016/j.chiabu.2021.105303
 7. **Chandler CE**, Williams CR, Turner MW, Shanahan ME. Training public health students in racial justice and health equity: A systematic review. *Public Health Rep*. 2021;137(2):375-385. doi:10.1177/003335492111015665
 8. **Chandler CE**, Austin AE, Shanahan ME. Association of housing stress with child maltreatment: A systematic review. *Trauma, Violence, & Abuse*. 2020;23(2):639-659. doi:10.1177/1524838020939136
 9. Sokol R, Austin A, **Chandler C**, Byrum E, Bousquette J, Lancaster C, Doss G, Doston A, Urbaeva V, Singichetti B, Brevard K, Wright ST, Lanier P, Shanahan M. Screening children for social determinants of health: A systematic review. *Pediatrics*. 2019;144(4):e20191622. doi:10.1542/peds.2019-1622
 10. Perry R, Gard Read J, **Chandler C**, Kish-Doto J, Hoerger T. Understanding participants' perceptions of access to and satisfaction with chronic disease prevention programs. *Health Educ Behav*. 2019;46(4):689-699. doi:10.1177/1090198118822710
 11. Guay B, **Chandler C**, Erkulwater J, Landy D. Testing the effectiveness of a number-based classroom exercise. *PS: Pol Sci*. 2016;49(02):327-332. doi:10.1017/S1049096516000299

Oral Presentations

1. *Smith V, *Cortez Z, *Wade M, *Lorenzo-Serrano K, *Castillo J, **Chandler CE**, Seiger E, Hillemeier M, Areza J, Yang C, Allen H, *Jackson M, Lightfoot, A. Changemakers: Developing youth as leaders for justice, health, and well-being. Presented at the *American Public Health Association Annual Meeting*. November 2022. Boston, MA.
2. **Chandler CE**, *Riggins CM, *Riggins EF, Drewry MB, *Jackson M, Lightfoot A. You're not supposed to talk about it: A youth participatory approach to understanding mental health stigma and disparities. Presented at the *American Public Health Association Annual Meeting*, October 2020. Virtual.
3. **Chandler CE**, Noble C, Dave G. Training Clinicians as Leaders to Build a Culture of Health: An Evaluation of Change in Leadership Competencies. Presented at the *American Evaluation Association Conference*. November 2019. Minneapolis, MN.
4. Noble C, **Chandler CE**, Dave G. Case Study of a Comprehensive Evaluation Approach for a Change Leadership Training Program to Address Complex Health Issues. Presented at the *American Evaluation Association Conference*. November 2019. Minneapolis, MN.
5. Turner MW, **Chandler C**, Williams CR, Hussey J, Shanahan M. Racial Equity in Praxis. Training Future Public Health Leaders with Justice-Based Curriculum. Presented at the *American Public Health Association Annual Meeting*, November 2019. Philadelphia, PA.
6. *Riggins CM, *Riggins E, *Castillo IE, *Joyner F, **Chandler C**, *Jackson M, Lightfoot A, *Riggins L, *Castillo J. Youth as Leaders in Racial Equity and Community Health Programming. Presented at the *American Public Health Association Annual Meeting*. November 2019. Philadelphia, PA.
7. **Chandler CE**, Noble C, Berthiaume R, Fernandez C, Corbie-Smith G, Dave G. Clinical Leadership in Public Health: Evaluation of Leadership Competencies to Promote a Culture of Health. Presented at *American Evaluation Association Conference*, November 2018. Cleveland, OH.

8. Scales M, Harris J, **Chandler C**. Re-framing the Dialogue around Childhood Vaccine Hesitancy and Refusal Among Parents. Presented at *Society for Public Health Education 67th Annual Meeting*. March 2016. Charlotte, NC.
9. Kish Doto J, Perry RJ, Hoerger TJ, Treiman KA, Teixeira-Poit SM, Read JG, Eugenio-Medina PR, Boland EE, **Chandler CE**. Role of incentives in behavior change: Patient and provider perspectives in 10 state grantees: A qualitative study. Presented at *American Public Health Association Annual Meeting*. November 2015. Chicago, IL.

Poster Presentations

1. **Chandler CE**, Austin AE, Shanahan ME. The association between family housing stress and child maltreatment: Findings and recommendations from a systematic review. Poster presented at the *American Public Health Associations Annual Meeting*. October 2020. Virtual.
2. **Chandler CE**, *Riggins CM, *Riggins EF, Drewry M, Lightfoot A. "The Bold Ones": A Qualitative Assessment of Youth Mental Health Needs in Southeast Raleigh. Poster presented at *American Maternal and Child Health Programs Annual Conference*, August 2020. Virtual.
3. **Chandler CE**. Social-Emotional Competency Training Recommendations for North Carolina's Early Childhood Workforce. Poster presented at *North Carolina Public Health Association Fall Educational Conference*. September 2017. Asheville, NC.
4. **Chandler CE**, Clinton-Sherrod AM, Gremminger MM, Krieger KE. The intersection of violence against women and HIV/AIDS: a cross-training guide for service providers. Poster presented at *Ending Gender Inequalities: Addressing the Nexus of HIV, Drug Use, and Violence with Evidence-based Action Conference*. April 2016. Chapel Hill, NC.
5. Treiman KA, Betts KR, O'Donoghue A, **Chandler CE**, Lewis, MA. Partner influence on asthma patients' decision making about prescription medication. Poster presented at *37th Annual North American Meeting of the Society for Medical Decision Making*, October 2015. St Louis, MO.

Technical Reports

1. **Chandler CE**, Ray S, Uhrig JD. *Formative evaluation of Start Talking. Stop HIV. campaign refresh materials*. Prepared for Centers for Disease Control and Prevention. 2016.
2. Harris JL, Uhrig JD, Krieger KE, Jimenez-Magdaleno KV, **Chandler CE**, Shadle JH *Concept testing for the new national testing campaign: Intercept interviews*. Prepared for Centers for Disease Control and Prevention. 2014.
3. Coomes CM, Uhrig JD, McMillan TL, Jimenez-Magdaleno KV, **Chandler CE**, Shadle JH. *Formative research, process and outcome evaluation of the Act Against AIDS campaign and activities: Concept testing for the new national testing campaign: Triad interviews*. Prepared for Centers for Disease Control and Prevention. 2014.

Products of Engaged Scholarship

1. **Chandler CE**, Carbrey N, Granados Z, Lowe A, Ritchie C, Whitcomb C, *Castillo J, *Smith V, *Dixon D, *Bull S, *Hernandez N, *Cortez Z, *Jackson M, Lightfoot A. *Honoring Our Power and Emotions (HOPE Seekers)* [Unpublished Curriculum]. 2021. Chapel Hill, NC.

TEACHING ACTIVITIES

Instructor

1. SPHG 722 – Developing, Implementing, and Evaluating Public Health Solutions (UNC Gillings)
 - a. Spring 2023 (Co-instructor, 223 MPH students)
2. SPHG 701 – Leading from the Inside Out (UNC Gillings)
 - a. Spring 2023 (Section Instructor; 27 MPH students)
3. MHCH 728 - Introduction to Implementation Research and Practice in Maternal, Child, and Family Health (UNC Gillings)
 - a. Fall 2022 (35 MPH students and 2 doctoral students)
4. SPHG 351 – Foundations of Public Health (UNC Gillings)
 - a. Fall 2022 (176 undergraduate BSPH students)
5. HCS 100 - Introduction to Health Care Studies (University of Richmond)
 - a. Spring 2021 (21 undergraduate students)

Teaching Assistantships and Fellowships

1. Senior Teaching Fellow: MPH Core (SPHG 711, SPHG 712, SPHG 713, SPHG 721, SPHG 722, SPHG 701), Fall 2020-Spring 2021 (UNC Gillings)
2. Teaching Assistant: HEBH 720 - Leading for Racial Equity, Fall 2019 (UNC Gillings)
3. Teaching Assistant: MHCH 701 - Foundations of Maternal and Child Health, Fall 2018 (UNC Gillings)

Invited Guest Lectures

1. **Chandler CE.** *Implementation Research.* Frank Porter Graham Child Development Institute Summer Research Program. Summer 2023
2. **Chandler CE.** *Community-Based Participatory Research.* MHCH 890: Introduction to Qualitative Methods. Spring 2023
3. **Chandler CE.** *Using the Socioecological Model to Examine Drivers of Trends.* MHCH 701: Foundations of Maternal and Child Health. Fall 2018, Fall 2019
4. **Chandler CE** *Assessing Youth Mental Health Needs in Southeast Raleigh.* HBEH 900: Current Issues in Participatory Research. Fall 2019
5. Williams CR, Turner MW, **Chandler CE.** *History of Maternal and Child Health.* MHCH 701: Foundations of Maternal and Child Health, Fall 2019
6. Henry E, **Chandler CE.** *Program Evaluation: A Platform for Dissemination and Implementation.* Robert Wood Johnson Foundation Clinical Scholars Fall Institute. Fall 2019
7. Dave G, **Chandler CE.** *Communicating Evaluation Results for Maximum Impact.* Robert Wood Johnson Foundation Clinical Scholars Fall Institute. Fall 2017, Fall 2018

Advising/Mentoring

1. Faculty Mentor:
 - a. Isabella Lepez, MPH Student (Fall 2023-Present)
 - b. Alix Mahon, MPH Student (Fall 2023-Present)
 - c. Zoe Henderson, MPH Student (Spring 2023-Present)
 - d. Hannah Camp, MPH Student (Fall 2023-Present)
2. Master's Paper First Reader
 - a. Laarni Lapat, MPH, *Utilizing Implementation Science to Increase Access to Culturally Sensitive Perinatal Mental Health Treatment in Hospitals and Clinics in North Carolina;* Graduated May 2023
 - b. Joy McNeal, MPH, *Implementation Analysis and Plan for a remote Blood Pressure Monitoring Program at the University of North Carolina's Women's Hospital;* Graduated May 2023
3. Master's Paper Second Reader
 - a. Sabrina Malagon (MPH) *An Implementation Analysis and Plan for Adolescent (12-18) Depression Screenings in Primary Care Settings across Alamance, Durham, Granville, Orange, and Vance Counties using the North Carolina Integrated Care for Kids Alternative Payment Model;* Graduated May 2023
4. Practicum Preceptor:
 - a. Angela Benson, MPH Candidate, Concentration in Global Health (May 2023-Present)
 - b. Maura Drewry, MPH Candidate in Health Behavior (May-July 2019)
5. Capstone Project Preceptor:
 - a. Team of five MPH students (August 2020-May 2021)

FUNDING

2019-2020 **Identifying and Addressing Youth Mental Health Needs in Southeast Raleigh**
Carolina Center for Public Service Community Engagement Fellowship (\$2000.00)
Graduate Certificate in Participatory Research Seed Grant (\$1,193.00)
Service Partnership Mini-Grant (\$300.00)

SERVICE AND LEADERSHIP

Service to Department

1. Department of Maternal and Child Health, Diversity, Equity, and Inclusion Training Committee Member (2020-Present)
2. Graduate and Professional Student Federation, MCH Department Representative (2018-2019)

3. Maternal and Child Health Doctoral Student Committee Co-Chair (2017-2019)

Service to School

1. Gillings MPH Comprehensive Exam Grader (2023-present)
2. Carolina Center for Public Service Community Engagement Fellowship Application Reviewer (2023)
3. Child Maltreatment Research and Practice Network Co-Chair (2019-2022)

Service to State

1. North Carolina Infant and Early Childhood Mental Health Association, Board Secretary (2023-Present)
2. North Carolina Infant and Early Childhood Mental Health Association, Board Member (2020-Present)

Service to Nation

1. Occasional Reviewer
Frontiers in Public Health (2023)
Journal of Participatory Research Methods (2022)
Child Maltreatment (2022)
Journal of Family Violence (2022)
Community Health Equity Research and Policy (2022)

PRACTICE

04/17-Present **Community-Academic Partner**, Southeast Raleigh YMCA and The Resiliency Collaborative