

Claire Ruth McNellan, M.P.H.

School of Social Work
University of North Carolina at Chapel Hill
clairerm@email.unc.edu • <http://clairemcnellan.com>

EDUCATION

Expected 2024	PhD, The University of North Carolina at Chapel Hill , Chapel Hill, NC <i>Social Work</i>
2017	MPH, University of Washington , Seattle, WA <i>Global Health: Health Metrics and Evaluation</i>
2014	BA, The Colorado College , Colorado Springs, CO <i>Neuroscience (with distinction), Minor: Bioethics</i>

MAJOR RESEARCH INTERESTS

Child protection systems; violence prevention; child abuse & neglect; decision making processes; maternal/child health disparities; population health; epidemiological methods; family & child policy.

PROFESSIONAL EXPERIENCE

2020-	Doctoral Research Assistant Children's Data Network, Los Angeles, CA Principal Investigator: Emily Putnam-Hornstein, PhD
2020-2020	Research Scientist Global Center for Integrated Health of Women, Adolescents, & Children (Global WACH), Seattle, WA Project funded by The Bill and Melinda Gates Foundation & the World Health Organization (WHO) Product Development for Vaccines Advisory Committee Principal Investigator: Patricia Pavlinac, PhD
2018-2019	Associate Director of Data Analysis and Governance National Court Appointed Special Advocates (CASA)/Guardians ad Litem (GAL) Association for Children, Seattle WA
2017-2018	Data Governance and Evaluation Specialist National CASA/GAL Association for Children, Seattle, WA
2014-2017	Research Fellow Institute for Health Metrics and Evaluation (IHME), Seattle, WA Principal Investigators: Emmanuela Gakidou, PhD; Ali Mokdad, PhD, Christopher Murray, PhD, Bernardo Hernandez-Prado, PhD, Herbert Duber, MD PhD
2016-2016	Research Fellow Public Health Foundation of India (PHFI), Gurgaon, India Principal Investigator: Rakhi Dandona, PhD

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MANUSCRIPTS IN PREPARATION

4. **McNellan, C.R.**, Prindle, J., Foust, R., Putnam-Hornstein, E. Kindergarten Matriculation Patterns Among Public School Children in California: A Pre- and Post-COVID Comparison.
3. **McNellan, C. R.**, Palmer, L., & McCroskey, J. Using a predictive risk model to assess disparities in service referrals following a child protection investigation.
2. **McNellan, C. R.**, Prindle, J., & Eastman, A. L., Putnam-Hornstein, E. Mortality among youth transitioning out of Foster Care: Evidence from California.
1. Gibbs, D.J., **McNellan, C. R.**, Dawes, H., & Forte, A. Child participation in dependency court proceedings: A systematic review.

MANUSCRIPTS UNDER REVIEW

4. **McNellan, C. R.**, Gibbs, D. J., Knobel, A. S., & Putnam-Hornstein, E. The Evidence Base for Risk Assessment Tools Used in U.S. Child Protection Investigations: A Systematic Scoping Review. (Submitted to *Child Abuse and Neglect*, 2022).
3. Gibbs, D. J., Lanier, P., **McNellan, C. R.**, Bryan, K., Identifying Children at Risk for Maltreatment Fatalities: Assessing the Current Landscape of Birth Match Policies in the United States. (Submitted to *Children and Youth Services Review*, 2021).
2. Flor, L.S. [and 30 others including **McNellan, C.R.**]. Endline Assessment of Community-Based Interventions on Hypertension and Diabetes Management in Two Brazilian Underserved Communities. (Submitted to *Revista de Saude Publica*, 2021).
1. Fullman, N., Cowling, K., Flor, L.S. [and 12 others, including **McNellan, C.R.**]. Assessing the impact of community-based interventions on hypertension and diabetes management in three Minnesota communities: Findings from the prospective evaluation of US HealthRise programs. (Submitted to *PLOS ONE*, 2021).

PEER-REVIEWED PUBLICATIONS

17. Foust, R. (...) McCroskey, J. [and 16 others including **McNellan, C. R.**] (2022). The Children's Data Network: Harnessing the Scientific Potential of Linked, Administrative Data to Inform Children's Programs and Policies. *International Journal of Population Data Science*, 6(3). <https://doi.org/10.23889/ijpds.v6i3.1702>
16. Flor, L. S., Wilson, S., Bhatt, P. (...) Gakidou, E. [and 50 others, including **McNellan, C. R.**]. (2020). Community-based interventions for detection and management of diabetes and hypertension in underserved communities: A mixed-methods evaluation in Brazil, India, South Africa and the USA. *BMJ Global Health*, 5(6), e001959. <https://doi.org/10.1136/bmjgh-2019-001959>

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15. **McNellan, C. R.**, Dansereau, E., Wallace, M. C., et al. (2019). Antenatal care as a means to increase participation in the continuum of maternal and child healthcare: An analysis of the poorest regions of four Mesoamerican countries. *BMC Pregnancy and Childbirth*, 19(1). <https://doi.org/10.1186/s12884-019-2207-9>
14. Duber, H. C., **McNellan, C. R.**, Wollum, A., et al. (2018). Public knowledge of cardiovascular disease and response to acute cardiac events in three cities in China and India. *Heart*, 104(1). <https://doi.org/10.1136/heartjnl-2017-311388>
13. Mokdad, A. H., Palmisano, E. B., Zuniga-Brenes, P., Rios-Zertuche, D., Johanns, C. K., Schaefer, A., Desai, S. S., Haakenstad, A., Gagnier, M. C., **McNellan, C. R.**, et al. (2018). Supply-side interventions to improve health: Findings from the Salud Mesoamerica Initiative. *Plos One*, 13(4). <https://doi.org/10.1371/journal.pone.0195292>
12. Wollum, A., Gabert, R., **McNellan, C. R.**, et al. (2018). Identifying gaps in the continuum of care for cardiovascular disease and diabetes in two communities in South Africa: Baseline findings from the HealthRise project. *Plos One*, 13(3). <https://doi.org/10.1371/journal.pone.0192603>
11. El Bcheraoui, C., Zuniga-Brenes, P., Rios-Zertuche, D., Palmisano, E. B., **McNellan, C. R.**, et al. (2018). Health systems strategies to increase HIV screening among pregnant women in Mesoamerica. *Population Health Metrics*, 16(5). <https://doi.org/10.1186/s12963-018-0162-8>
10. Vos, T., & GBD 2016 Disease and Injury Incidence and Prevalence Collaborators, including **McNellan, C. R.** (2017). Global, regional, and national incidence, prevalence, and years lived with disability for 328 diseases and injuries for 195 countries, 1990–2016: A systematic analysis for the Global Burden of Disease Study 2016. *The Lancet*, 390, 1211–1259. [https://doi.org/10.1016/S0140-6736\(17\)32154-2](https://doi.org/10.1016/S0140-6736(17)32154-2)
9. Gabert, R., Ng, M., Sogarwal, R., Bryant, M., Deepu, R. V., **McNellan, C. R.**, et al. (2017). Identifying gaps in the continuum of care for hypertension and diabetes in two Indian communities. *BMC Health Services Research*, 17(846). <https://doi.org/10.1186/s12913-017-2796-9>
8. Hernandez, B., Colombara, D. V., Gagnier, M. C., Desai, S. S., Haakenstad, A., Johanns, C., **McNellan, C. R.**, et al. (2017). Barriers and facilitators for institutional delivery among poor Mesoamerican women: a cross-sectional study. *Health Policy and Planning*, 32(6), 769–780. <https://doi.org/10.1093/heapol/czx010>
7. **McNellan, C. R.**, Dansereau, E., Colombara, D., et al. (2017). Uptake of antenatal care, and its relationship with participation in health services and behaviors: An analysis of the poorest regions of four Mesoamerican countries. *Annals of Global Health*, 83(1), 193–194. <https://doi.org/10.1016/j.aogh.2017.03.482>
6. Barber, R. M., & GBD 2015 Healthcare Access and Quality Collaborators, including **McNellan, C. R.** (2017). Healthcare access and quality index based on mortality from causes amenable to personal health care in 195 countries and territories, 1990–2015: A novel analysis from

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the global burden of disease study 2015. *The Lancet*, 390, 231-266.

[https://doi.org/10.1016/S0140-6736\(17\)30818-8](https://doi.org/10.1016/S0140-6736(17)30818-8)

5. Lim, S. S., Allen, K., Zulfiqar, B., Dandona, L., Forouzanfar, M., Fullman, N., Goldberg, E., Hay, S., Holmberg, M., Kinfu, Y., Kutz, M., Larson, H., Liang, X., Lopez, A., Lozano, R., **McNellan, C. R.**, et al. (2016). Measuring the health-related Sustainable Development Goals in 188 countries: A baseline analysis from the Global Burden of Disease Study 2015. *The Lancet*, 388, 1813-1850. [https://doi.org/10.1016/S0140-6736\(16\)31467-2](https://doi.org/10.1016/S0140-6736(16)31467-2)
4. Dansereau, E., **McNellan, C. R.**, Gagnier, M. C., et al. (2016). Coverage and timing of antenatal care among poor women in 6 Mesoamerican countries. *BMC Pregnancy and Childbirth*, 16(1). <https://doi.org/10.1186/s12884-016-1018-5>
3. Colombara, D.V., Hernandez, B., Schaefer, A., Zyzniwski, N., Bryant, M. F., Desai, S. S., Gagnier, M. C., Johanns, C. K., **McNellan, C. R.**, et al. (2016). Institutional delivery and satisfaction among Indigenous and poor women in Guatemala, Mexico, and Panama. *PLOS ONE*, 11(4), e154388. <https://doi.org/10.1371/journal.pone.0154388>
2. Colombara, D. V., Hernandez, B., **McNellan, C. R.**, et al. (2016). Diarrhea prevalence, care, and risk factors among poor children under 5 years of age in Mesoamerica. *American Journal of Tropical Medicine and Hygiene*, 94(3), 544-552. <https://doi.org/10.4269/ajtmh.15-0750>
1. Colombara, D. V., Hernandez, B., Gagnier, M. C., Johanns, C., Desai, S. S., Haakenstad, A., **McNellan, C. R.**, et al. (2015). Breastfeeding practices among poor women in Mesoamerica. *Journal of Nutrition*, 145(8), 1958-1965. <https://doi.org/10.3945/jn.115.213736>

GRANTS & FELLOWSHIPS

- | | |
|-----------|--|
| 2021-2022 | Pilot Project Award (\$20,000)
<u>Assessing the Utility of a Risk-Stratification Model to Increase Equitable Service Connection</u>
Center for Innovation in Child Maltreatment Policy, Research, & Training
Co-PIs: C.R. McNellan & E. Putnam-Hornstein, PhD |
| 2021-2022 | Injury and Violence Prevention (IVP) Fellowship (\$3,000)
Injury Prevention Research Center, The University of North Carolina at Chapel Hill
Mentor: Meghan Shanahan, PhD |
| 2014-2017 | Post-Bachelor Fellowship (Fully-funded MPH & annual salary)
Institute for Health Metrics and Evaluation |
| 2013 | Venture Grant (\$2,000)
<u>Understanding Santiago Ramón y Cajal, the Father of Modern Neuroscience, in-situ, Throughout Spain and at The Neuroscience Research Center, Instituto de Cajal</u>
The Colorado College |

Current as of: May, 2022

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AWARDS & HONORS

- 2022-2023 **Fulbright Student Program Semi-Finalist**
U.S. Department of State
- 2021 **Best Student Presentation (\$200)**
UNC Injury Prevention Research Center's graduate student conference,
"Intersectional Approaches to Injury and Violence Prevention in a Post-
COVID World"
- 2016 **Op-Ed Co-author**, The Lancet
"Health metrics priorities in the SDG era and beyond: a perspective from young
researchers" [http://dx.doi.org/10.1016/S0140-6736\(16\)32134-1](http://dx.doi.org/10.1016/S0140-6736(16)32134-1)
- 2014-
2014 **Psi Chi International Honors Society**
Presented Thesis at Colorado Undergraduate Research Forum
The United States Airforce Academy
- 2011-
2010-2014 **Alpha Lambda Delta National Honors Society**
Women's Educational Society Scholarship
The Colorado College

PEER REVIEWED PRESENTATIONS (* = presenting author)

Population Association of America (PAA)

- 2022: **McNellan, C.R.***, Eastman, A., Prindle, J., Putnam-Hornstein, E., Mortality During
Transitions Out of Foster Care: Evidence from California
Atlanta, GA

The International Society for the Prevention of Child Abuse & Neglect (ISPCAN)

- 2022 (accepted): **McNellan, C.R.*** Mortality Risk During Transitions Out of Foster Care.
Part of a symposium entitled, "Leveraging Linked, Administrative Data to Inform
Policy and Practice for Adolescents who have Child Protective Services
Involvement" with presenting authors Prindle, J.*, Eastman, A.*, Foust, R.*, Herd,
T.*
Tallinn, Estonia
- 2022 (accepted): **McNellan, C.R.***, The Evidence for Risk Assessment Tools in Child
Protective Services Investigations. Part of a symposium entitled, "Risk Assessment
Tools to Support Child Welfare Practice" with presenting authors Prindle, J.*,
Putnam-Hornstein, E.*, Cuccaro-Alamin, S.*, Palmer, L.*
Tallinn, Estonia
- 2022: **McNellan, C.R.***, Palmer, L., Putnam-Hornstein, E., McCroskey, J., Assessing the
Utility of a Predictive Risk Model to Increase Service Connections in Los Angeles,
California. Part of a symposium entitled, "Harnessing the Scientific Potential of
Linked, Administrative Data to Inform Children's Programs and Policies" with
presenting authors Prindle, J.*, Eastman, A.*, Reddy, J.*
Quebec City, Quebec
(withdrawn due to COVID-19)

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Annual Association for Public Policy Analysis & Management Conference (APPAM)

2022: Prindle, J.*, **McNellan, C.R.**, Foust, R., Putnam-Hornstein, E., Modeling Academic Achievement Among Maltreated Children: Implications for Policy
Austin, TX

Society for Social Work and Research Annual Conference (SSWR)

2022: **McNellan, C.R.***, Using a Predictive Risk Model to Assess Racial Disparities in Service Referrals Following a Child Protection Investigation. Part of a symposium entitled, "Training, Validating, and Implementing a Predictive Risk Model to Support Child Welfare Practice in Los Angeles County" with presenting authors Putnam-Hornstein, E. McCroskey, J., Ahn, E., Palmer., L.
Washington, DC
(withdrawn due to COVID-19)

2021: Prindle, J., Eastman, A.L., **McNellan, C.R.**, Putnam-Hornstein, E., Cohort Study of Mortality Among Youth in Foster Care
(withdrawn due to COVID-19)

National Child Welfare Law Conference (NACC)

2021: Gibbs, D.*, **McNellan, C.R.**, The Empirical Evidence for Child Participation in Dependency Court Proceedings: Results of a Systematic Review of the Literature
Denver, CO.
(withdrawn due to COVID-19)

Consortium of Universities for Global Health Annual Global Health Conference (CUGH)

2017 (poster): **McNellan, C.R.**, Uptake of Antenatal Care and its Relationship with Participation in Health Services and Behaviors: An Analysis of the Poorest Regions of Four Mesoamerican Countries
Washington, DC
(withdrawn due to illness)

PROFESSIONAL SERVICE & MEMBERSHIP

Reviewer

BMJ Open (2020),
Reproductive Health (2021, 2022)

Member

Population Association of America
Society for Social Work and Research

SERVICE AND LEARNING EXPERIENCE

2020- **Child Maltreatment Prevention Practice and Research Network Member**
UNC-Chapel Hill Graduate Student Networks

2020-2021 **Doctoral Program Committee Student Representative**
UNC School of Social Work, Chapel Hill, NC

Current as of: May, 2022

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2019-2020	Public Health Editor Cambridge Proofreading LLC, <i>remote</i>
2012-2014	Grassroots Onsite Work (GROW) Intern Western Kenyan Organization for People Living with HIV/AIDS, <i>Kisumu, Kenya</i>
2011-2014	Writing Tutor Ruth Barton Writing Center, <i>Colorado Springs, CO</i>
2013-2013	Medical Practice and Policy Student Denmark Institute for Study Abroad, <i>Copenhagen, Denmark</i>
2011-2012	International Service Program Intern MAITRI Residential School for Korku tribal children, <i>Pune & Melghat, India</i>

SELECTED TRAINING

12/2020	Data Matters Course , <i>remote</i> “Introduction to Big Data and Machine Learning for Survey Researchers and Social Scientists,” taught by Dr. Trent Buskirk
8/2019	Kempe Interdisciplinary Research Institute , <i>Denver, CO</i> “Challenges & Opportunities in Child Maltreatment Research,” spearheaded by Drs. Desmond Runyan, John Fluke, and Carol Runyan
1/2018	Court Appointed Special Advocate (CASA) National Training , <i>Seattle, WA</i> Taught by Brad Ray, National CASA/GAL Senior Performance Measurement, Research & Evaluation Officer

RELATED PROFESSIONAL SKILLS

Statistical Languages: R, Stata, SPSS (limited proficiency), ATLAS.ti (limited proficiency), MPlus
Survey and Data Management Programs: Qualtrics, Survey Monkey, RedCap, KeySurvey, Google Forms
Data Visualization: R Markdown, Tableau, Power BI
Reference Management: Zotero, RefWorks, Mendeley